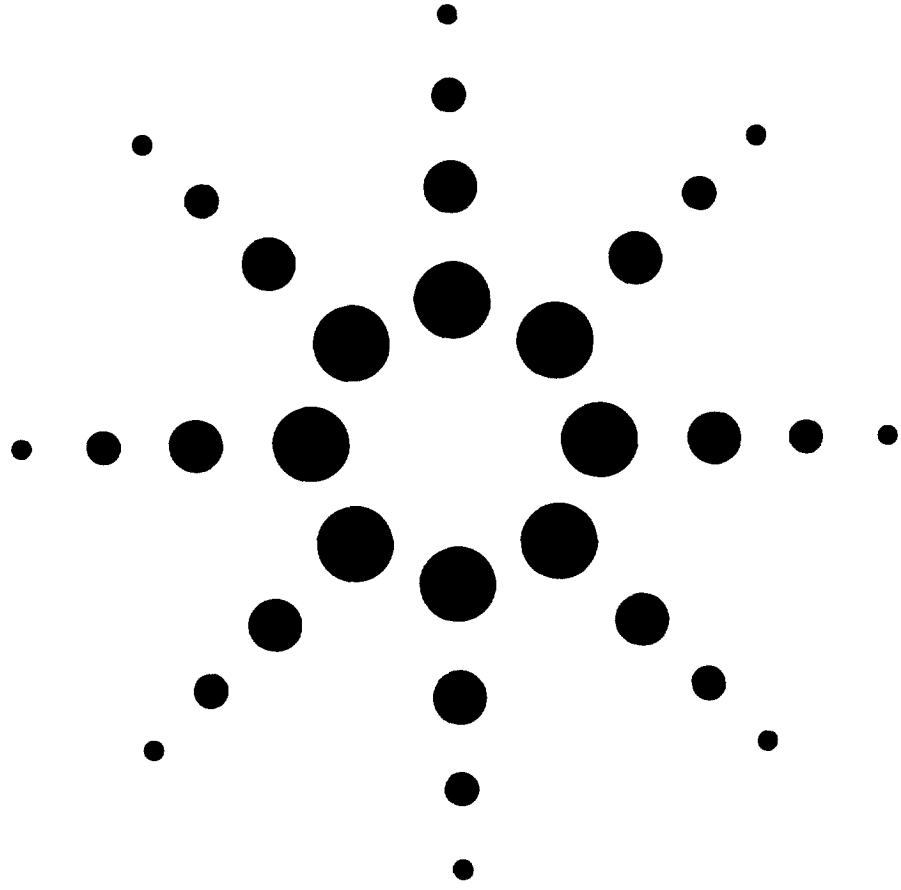
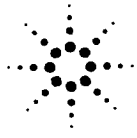
ESG-A Series:	≤ US4005/GB4005
ESG-D Series:	≤ US4005/GB4005
ESG-AP Series:	US3926/GB3926
ESG-DP Series:	US3926/GB3926

Depending on your firmware revision, front panel operation may vary from descriptions in this guide





Agilent Technologies

COPYRIGHT AND DISCLAIMER NOTICE

Copyright – Agilent Technologies, Inc. Reproduced with the permission of Agilent Technologies Inc. Agilent Technologies, Inc. makes no warranty of any kind with regard to this material including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Agilent Technologies, Inc. is not liable for errors contained herein or for incidental or consequential damages in connection with the furnishing, performance, or use of this material or data.

HP ESG Family Signal Generators Component-Level Information

HP Part Number E4400-90336

Table of Contents

VOLUME 2 of 2
Refer to Volume 1 for A1 to A9

Reference Designator	Description	HP Part Number
A11	Reference OCXO (Option 1E5)	E4400-60009
A11	Reference TCXO	E4400-60010
A11	Reference OCXO (Option 1E5)	E4400-60139
A11	Reference TCXO	E4400-60140
A11	Reference	E4423-60018
A12	Synthesizer/Doubler	E4400-60002
A14	CPU/Motherboard	E4400-60124
A14	CPU/Motherboard	E4400-60192
A14	CPU/Motherboard	E4423-60035
A15	Daughterboard	E4400-60138
A15	Daughterboard	E4423-60021
A17	Rear Panel Interface (Options UN3, UN4, UN8, UN9)	E4400-60145
A17	Rear Panel Interface (Options 1EM/UN3, 1EM/UN4 1EM/UN8, 1EM/UN9)	E4400-60146
A18	BER Rear Panel Interface (Option UN7)	E4400-60075
A20	Down Converter	E4400-60200
A21	Demodulator	E4400-60199
A22	YIG Driver	E4423-60023
A23	Sampler	E4423-60020
A24	Frac-N/Divider	E4423-60019

Printed October 1999

Component-Level Information Packet for E4400-60009

Reference OCXO (Option 1E5)



HP Part No. E4400-90060
Printed in USA April 1998

Notice. The information contained in this document is subject to change without notice.

Hewlett-Packard makes no warranty of any kind with regard to this material, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Hewlett-Packard shall not be liable for errors contained herein or for incidental or consequential damages in connection with the furnishing, performance, or use of this material.

©Copyright Hewlett-Packard Company 1998
All Rights Reserved. Reproduction, adaptation, or translation without prior written permission is prohibited, except as allowed under the copyright laws.

HP Part Number E4400-60009
Reference OCXO (Option 1E5)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C1	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C2	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	02010	06035A471JAT_A
C3	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C4	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C5	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C6	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C7	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	02010	08055A102JATRA
C8	0160-7766	1	CAP-FXD 820pF +-5% 50 V CER C0G	06352	C2012C0G1H821JT
C9	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	02010	06035C103KAT
C10	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	02010	06035C103KAT
C11	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C12	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	02010	06035C103KAT
C13	0160-7855	1	CAP-FXD 33pF +-5% 50 V CER C0G	02010	06035A330JAT
C15	0160-7405	1	CAP-FXD 560pF +-5% 50 V CER C0G	06352	C2012C0G1H561J
C16	0160-7405	1	CAP-FXD 560pF +-5% 50 V CER C0G	06352	C2012C0G1H561J
C17	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C18	0180-4116	1	CAP-FXD 22uF +-20% 20 V TA	00039	NRD226M20R12
C19	0180-3752	1	CAP-FXD 3.3uF +-20% 35 V TA	00039	NRD335M35R12
C20	0180-3750	1	CAP-FXD 0.47uF +-20% 35 V TA	00039	NRS474M35R8
C21	0160-6735	1	CAP-FXD 4700pF +-10% 50 V CER X7R	02010	12065C472KAT A
C22	0160-6735	1	CAP-FXD 4700pF +-10% 50 V CER X7R	02010	12065C472KAT A
C23	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C24	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C25	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C26	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C27	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C28	0160-7842	1	CAP-FXD 150pF +-5% 50 V CER C0G	02010	06035A151JAT
C29	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C30	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	02010	06035C103KAT
C31	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C32	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C33	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C34	0180-4228	1	CAP-FXD 47uF +-20% 10 V TA	00039	NRD476M10
C35	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C37	0180-4228	1	CAP-FXD 47uF +-20% 10 V TA	00039	NRD476M10

**Indicates factory-selected value*

HP Part Number E4400-60009
Reference OCXO (Option 1E5) (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C38	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C40	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C41	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C42	0180-3753	1	CAP-FXD 6.8uF +-20% 35 V TA	00039	NRD685M35R12
C43	0180-4116	1	CAP-FXD 22uF +-20% 20 V TA	00039	NRD226M20R12
C45	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C46	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C47	0180-3753	1	CAP-FXD 6.8uF +-20% 35 V TA	00039	NRD685M35R12
C48	0180-4116	1	CAP-FXD 22uF +-20% 20 V TA	00039	NRD226M20R12
C49	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C50	0180-4274	1	CAP-FXD 4.7uF +-20% 50 V TA	02010	TAJD475M050
C51	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C52	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C53	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C54	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C55	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C56	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C57	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C58	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C59	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C60	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C61	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C62	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C63	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C64	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C65	0180-3848	1	CAP-FXD 33uF +-10% 16 V TA	12340	T398H336K016AS
C66	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C67	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C68	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C69	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C70	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C71	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	02010	06035C103KAT
C72	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C73	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C77	0160-7842	1	CAP-FXD 150pF +-5% 50 V CER C0G	02010	06035A151JAT

**Indicates factory-selected value*

HP Part Number E4400-60009
Reference OCXO (Option 1E5) (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C78	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	02010	06035C103KAT
C79	0160-7842	1	CAP-FXD 150pF +-5% 50 V CER C0G	02010	06035A151JAT
C80	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	00039	NRS105M35R8
C81	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C82	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C83	0160-7830	1	CAP-FXD 1pF +-25% 50 V CER C0G	02010	06035A1R0CAT
C84	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	00039	NRS105M35R8
C85	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C86	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C87	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	00039	NRS105M35R8
C100	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C101	0160-7832	1	CAP-FXD 1.5pF +-16.67% 50 V CER C0G	02010	06035A1R5CAT
C102	0160-7771	1	CAP-FXD 8.2pF +-3% 50 V CER C0G	02010	06035A8R2CAT
C103	0160-5951	1	CAP-FXD 390pF +-5% 50 V CER C0G	02010	08055A391JAT A
C104	0160-5951	1	CAP-FXD 390pF +-5% 50 V CER C0G	02010	08055A391JAT A
C105	0160-7986	1	CAP-FXD 390pF +-5% 50 V CER C0G	06352	C1608COG1H391J
C106	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C107	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C108	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C109	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C110	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C111	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C112	0160-7833	1	CAP-FXD 1.8pF +-13.89% 50 V CER C0G	02010	06035A1R8CAT
C113	0160-7833	1	CAP-FXD 1.8pF +-13.89% 50 V CER C0G	02010	06035A1R8CAT
C114	0160-7853	1	CAP-FXD 3.3pF +-7.6% 50 V CER C0G	02010	06035A3R3CAT
C116	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	02010	06035C103KAT
C117	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	02010	06035C103KAT
C118	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C119	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C120	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C121	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C122	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C123	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C125	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C126	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J

**Indicates factory-selected value*

HP Part Number E4400-60009
Reference OCXO (Option 1E5) (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C130	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	00039	NRS105M35R8
C131	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	00039	NRS105M35R8
C132	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C133	0160-7405	1	CAP-FXD 560pF +-5% 50 V CER C0G	06352	C2012C0G1H561J
C134	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	02010	06035C103KAT
C135	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C136	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C137	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C138	0180-4116	1	CAP-FXD 22uF +-20% 20 V TA	00039	NRD226M20R12
C139	0180-3752	1	CAP-FXD 3.3uF +-20% 35 V TA	00039	NRD335M35R12
C140	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C141	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C142	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C143	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C144	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C145	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	00039	NRS105M35R8
C146	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	00039	NRS105M35R8
C147	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C148	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C149	0160-6222	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	12105C104KAT A
C150	0160-6222	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	12105C104KAT A
C151	0160-6222	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	12105C104KAT A
C152	0160-6222	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	12105C104KAT A
C153	0160-7830	1	CAP-FXD 1pF +-25% 50 V CER C0G	02010	06035A1R0CAT
C154	0160-7830	1	CAP-FXD 1pF +-25% 50 V CER C0G	02010	06035A1R0CAT
C155	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	02010	06035C103KAT
C156	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C157	0180-4116	1	CAP-FXD 22uF +-20% 20 V TA	00039	NRD226M20R12
C158	0160-7830	1	CAP-FXD 1pF +-25% 50 V CER C0G	02010	06035A1R0CAT
C159	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	06352	C1608COG1H240J
C160	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	06352	C1608COG1H240J
C161	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	06352	C1608COG1H240J
C162	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	06352	C1608COG1H240J
C163	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	06352	C1608COG1H240J
C164	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	06352	C1608COG1H240J

**Indicates factory-selected value*

HP Part Number E4400-60009
Reference OCXO (Option 1E5) (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C165	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	06352	C1608COG1H240J
C166	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	06352	C1608COG1H240J
C167	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	06352	C1608COG1H240J
C168	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	06352	C1608COG1H240J
C169	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	06352	C1608COG1H240J
C170	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	06352	C1608COG1H240J
C171	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	06352	C1608COG1H240J
C172	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	06352	C1608COG1H240J
C173	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	06352	C1608COG1H240J
C174	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	06352	C1608COG1H240J
C175	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	06352	C1608COG1H240J
C176	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	06352	C1608COG1H240J
C177	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	06352	C1608COG1H240J
C178	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	06352	C1608COG1H240J
C179	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	06352	C1608COG1H240J
C180	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	06352	C1608COG1H240J
C181	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	06352	C1608COG1H240J
C200	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C201	0160-7830	1	CAP-FXD 1pF +-25% 50 V CER C0G	02010	06035A1R0CAT
C202	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C203	0160-7830	1	CAP-FXD 1pF +-25% 50 V CER C0G	02010	06035A1R0CAT
C204	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C205	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C206	0160-7308	1	CAP-FXD 3.3uF +-10% 50 V POLYE-MET	06127	MKS2-3.3UF\50V\10%
C207	0160-7308	1	CAP-FXD 3.3uF +-10% 50 V POLYE-MET	06127	MKS2-3.3UF\50V\10%
C208	0160-7748	1	CAP-FXD 1000pF +-10% 50 V CER X7R	02010	06035C102KAT
C209	0160-7781	1	CAP-FXD 2200pF +-10% 50 V CER X7R	02010	06035C222KAT
C210	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C211	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C212	0160-7748	1	CAP-FXD 1000pF +-10% 50 V CER X7R	02010	06035C102KAT
C213	0160-7748	1	CAP-FXD 1000pF +-10% 50 V CER X7R	02010	06035C102KAT
C215	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C216	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C217	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C218	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A

**Indicates factory-selected value*

HP Part Number E4400-60009
Reference OCXO (Option 1E5) (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C219	0160-7781	1	CAP-FXD 2200pF +-10% 50 V CER X7R	02010	06035C222KAT
C220	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C221	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C222	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C223	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C224	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C225	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C226	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C227	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C228	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C230	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C231	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C232	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C234	0160-7969	1	CAP-FXD 13pF +-5% 50 V CER C0G	06352	C1608COG1H130J
C235	0160-7969	1	CAP-FXD 13pF +-5% 50 V CER C0G	06352	C1608COG1H130J
C238	0160-7748	1	CAP-FXD 1000pF +-10% 50 V CER X7R	02010	06035C102KAT
C239	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C240	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C241	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C242	0160-7850	1	CAP-FXD 27pF +-5% 50 V CER C0G	02010	06035A270JAT
C243	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C244	0160-7860	1	CAP-FXD 4.7pF +-5.31% 50 V CER C0G	02010	06035A4R7CAT
C245	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C246	0160-7748	1	CAP-FXD 1000pF +-10% 50 V CER X7R	02010	06035C102KAT
C257	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C258	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C260	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C261	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C262	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C301	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C302	0160-5469	1	CAP-FXD 1uF +-10% 50 V POLYE-MET	04078	BF064D0105KDB
C303	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C304	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C305	0160-4535	1	CAP-FXD 1uF +-10% 50 V CER X7R	02010	SR305C105KAAH
C306	0160-5469	1	CAP-FXD 1uF +-10% 50 V POLYE-MET	04078	BF064D0105KDB

**Indicates factory-selected value*

HP Part Number E4400-60009
Reference OCXO (Option 1E5) (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C307	0160-4535	1	CAP-FXD 1uF +-10% 50 V CER X7R	02010	SR305C105KAAH
C308	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C309	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C310	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C311	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C312	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C313	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C314	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C315	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	00039	NRS105M35R8
C316	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	00039	NRS105M35R8
C317	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C318	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C319	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C320	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C321	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C324	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C325	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	00039	NRS105M35R8
C326	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	00039	NRS105M35R8
C328	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C329	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
CR1	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	02037	BAV99LT1
CR2	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02037	BAS16T1
CR3	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02037	BAS16T1
CR4	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	02037	BAV99LT1
CR5	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02037	BAS16T1
CR6	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02037	BAS16T1
CR8	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	02037	BAV99LT1
CR9	1900-0074	1	DIODE-SCHOTTKY SM SIG	01542	
CR10	1900-0074	1	DIODE-SCHOTTKY SM SIG	01542	
CR11	1900-0074	1	DIODE-SCHOTTKY SM SIG	01542	
CR12	1900-0074	1	DIODE-SCHOTTKY SM SIG	01542	
CR13	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02037	BAS16T1
CR14	1900-0074	1	DIODE-SCHOTTKY SM SIG	01542	
CR15	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02037	BAS16T1
CR17	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02037	BAS16T1

**Indicates factory-selected value*

HP Part Number E4400-60009
Reference OCXO (Option 1E5) (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
CR19	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02037	BAS16T1
CR100	0122-0343	1	DIODE-VVC 2PF C 1/C28-MIN=8 BVR=30V	02910	BBY39
CR101	1900-0096	1	DIODE-PIN	01542	
CR102	1900-0096	1	DIODE-PIN	01542	
CR103	1900-0074	1	DIODE-SCHOTTKY SM SIG	01542	
CR104	1900-0074	1	DIODE-SCHOTTKY SM SIG	01542	
CR200	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	02037	BAV99LT1
CR201	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	02037	BAV99LT1
CR204	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02037	BAS16T1
CR205	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02037	BAS16T1
CR206	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	02037	BAV99LT1
CR207	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	02037	BAV99LT1
CR300	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02037	BAS16T1
CR301	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02037	BAS16T1
CR303	1900-0078	1	DIODE-SCHOTTKY SM SIG	01542	
CR304	1900-0245	1	DIODE-SCHOTTKY SM SIG	01542	HSMS-2805
CR305	1900-0078	1	DIODE-SCHOTTKY SM SIG	01542	
CR306	1900-0245	1	DIODE-SCHOTTKY SM SIG	01542	HSMS-2805
CR307	1900-0078	1	DIODE-SCHOTTKY SM SIG	01542	
CR308	1900-0078	1	DIODE-SCHOTTKY SM SIG	01542	
CR309	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02037	BAS16T1
CR311	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02037	BAS16T1
CR312	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02037	BAS16T1
CR313	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02037	BAS16T1
FL1	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102
FL2	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102
FL3	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102
FL4	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102
FL5	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102
FL6	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102
FL7	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102
FL8	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102
FL9	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102
J2	1251-4670	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1251-4670
J30	1251-4670	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1251-4670

**Indicates factory-selected value*

HP Part Number E4400-60009
Reference OCXO (Option 1E5) (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
L1	9140-1101	1	INDUCTOR 470nH +-5% 2.8W-mmX3.4LG-mm	28480	9140-1101
L2	9140-1112	1	INDUCTOR 8.2uH +-5% 3.4W-mmX4.8LG-mm	06352	NL453232-8R2J-3
L3	9140-1103	1	INDUCTOR 680nH +-5% 2.8W-mmX3.4LG-mm	28480	9140-1103
L4	9140-1117	1	INDUCTOR 47uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-470J-3
L5	9140-1105	1	INDUCTOR 1uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-1R0J-3
L6	9140-1113	1	INDUCTOR 10uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-100J-3
L7	9100-3922	1	INDUCTOR-FIXED Z > 1200 OHMS 120 TO 650	28480	9100-3922
L8	9140-1113	1	INDUCTOR 10uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-100J-3
L10	9140-1113	1	INDUCTOR 10uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-100J-3
L12	9140-1113	1	INDUCTOR 10uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-100J-3
L13	9140-1113	1	INDUCTOR 10uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-100J-3
L100	9140-1567	1	INDUCTOR 68nH +5% -5% 2.8W-mmX3.4LG-mm	28480	9140-1567
L101	9140-1567	1	INDUCTOR 68nH +5% -5% 2.8W-mmX3.4LG-mm	28480	9140-1567
L102	9140-1568	1	INDUCTOR 82nH +5% -5% 2.8W-mmX3.4LG-mm	28480	9140-1568
L103	9140-1557	1	INDUCTOR 10nH +10% -10% 2.8W-mmX3.4LG-mm	28480	9140-1557
L104	9140-1557	1	INDUCTOR 10nH +10% -10% 2.8W-mmX3.4LG-mm	28480	9140-1557
L105	9140-1206	1	INDUCTOR 100nH +-5% 2.8W-mmX3.4LG-mm	06352	NL322522-R10J
L106	9140-1206	1	INDUCTOR 100nH +-5% 2.8W-mmX3.4LG-mm	06352	NL322522-R10J
L107	9140-1206	1	INDUCTOR 100nH +-5% 2.8W-mmX3.4LG-mm	06352	NL322522-R10J
L108	9140-1206	1	INDUCTOR 100nH +-5% 2.8W-mmX3.4LG-mm	06352	NL322522-R10J
L109	9140-1206	1	INDUCTOR 100nH +-5% 2.8W-mmX3.4LG-mm	06352	NL322522-R10J
L110	9140-1557	1	INDUCTOR 10nH +10% -10% 2.8W-mmX3.4LG-mm	28480	9140-1557
L111	9140-1561	1	INDUCTOR 22nH +5% -5% 2.8W-mmX3.4LG-mm	28480	9140-1561
L112	9140-1557	1	INDUCTOR 10nH +10% -10% 2.8W-mmX3.4LG-mm	28480	9140-1557
L114	9140-1121	1	INDUCTOR 100uH +-5% 3.4W-mmX4.8LG-mm	06352	NL453232-101J-3
L115	9140-1115	1	INDUCTOR 22uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-220J-3
L116	9140-1121	1	INDUCTOR 100uH +-5% 3.4W-mmX4.8LG-mm	06352	NL453232-101J-3
L117	9140-1115	1	INDUCTOR 22uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-220J-3
L118	9140-1206	1	INDUCTOR 100nH +-5% 2.8W-mmX3.4LG-mm	06352	NL322522-R10J
L119	9140-1122	1	INDUCTOR 150uH +-5% 3.4W-mmX4.8LG-mm	06352	NL453232-151J-3
L120	9140-1122	1	INDUCTOR 150uH +-5% 3.4W-mmX4.8LG-mm	06352	NL453232-151J-3
L121	9140-1121	1	INDUCTOR 100uH +-5% 3.4W-mmX4.8LG-mm	06352	NL453232-101J-3
L122	9140-1121	1	INDUCTOR 100uH +-5% 3.4W-mmX4.8LG-mm	06352	NL453232-101J-3
L300	9140-1418	1	INDUCTOR 2.7uH +-5% 3.4W-mmX4.8LG-mm	28480	9140-1418
MP3	5002-2401	1	EXT LVL RIGHT	28480	5002-2401

**Indicates factory-selected value*

HP Part Number E4400-60009
Reference OCXO (Option 1E5) (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
MP4	5002-2402	1	EXT LVL LEFT	28480	5002-2402
MP5	8160-0448	5	RFI ROUND STRIP BE-CU SN-PL .062-IN-OD	10840	SS-04
MP6	E4400-20113	1	SHIELD-TOP	28480	E4400-20113
MP7	E4400-20114	1	SHIELD-BOTTOM	28480	E4400-20114
MP8	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	
MP9	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	
MP10	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	
MP11	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	
MP12	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	
MP13	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	
MP14	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	
MP15	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	
MP16	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	
MP17	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	
MP18	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	
MP19	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	
MP20	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	
MP21	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	
MP22	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	
P1	1252-1506	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-1506
P2	1252-6521	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-6521
P3	1252-1506	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1252-1506
P5	1258-0209	1	JUMPER-REMOVABLE 2 POSITION; .250 IN	01380	531220-2
P6	1258-0209	1	JUMPER-REMOVABLE 2 POSITION; .250 IN	01380	531220-2
Q1	1854-1037	1	TRANSISTOR NPN SI TO-236AA PD=350MW	02037	MMBT3904LT1
Q2	1854-1037	1	TRANSISTOR NPN SI TO-236AA PD=350MW	02037	MMBT3904LT1
Q3	1854-1037	1	TRANSISTOR NPN SI TO-236AA PD=350MW	02037	MMBT3904LT1
Q4	1854-1037	1	TRANSISTOR NPN SI TO-236AA PD=350MW	02037	MMBT3904LT1
Q5	1854-1037	1	TRANSISTOR NPN SI TO-236AA PD=350MW	02037	MMBT3904LT1
Q6	1854-1037	1	TRANSISTOR NPN SI TO-236AA PD=350MW	02037	MMBT3904LT1
Q9	1853-0724	1	TRANSISTOR PNP SI TO-261AA (SOT-223)	02037	PZT2907AT1
Q10	1854-1095	1	TRANSISTOR NPN SI SOT-23 (TO-236AB)	02037	MMBT2369
Q11	1854-1188	1	TRANSISTOR NPN SI SOT-23 (TO-236AB)	02037	MMBT4401LT1
Q12	1853-0580	1	TRANSISTOR PNP SI SOT-23 (TO-236AB)	00746	SST4403
Q100	1854-1042	1	TRANSISTOR NPN SI PD=500MW	02037	MRF571(SEL)

**Indicates factory-selected value*

HP Part Number E4400-60009
Reference OCXO (Option 1E5) (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
Q101	1854-1037	1	TRANSISTOR NPN SI TO-236AA PD=350MW	02037	MMBT3904LT1
Q102	1853-0567	1	TRANSISTOR PNP SI SOT-23 (TO-236AB)	02037	MMBT3906LT1
Q103	1853-0724	1	TRANSISTOR PNP SI TO-261AA (SOT-223)	02037	PZT2907AT1
R1	0699-3955	1	RESISTOR 2.15K +-1% .063W TKF TC=0+-200	28480	0699-3955
R2	0699-1344	1	RESISTOR 10 +-1% .125W TKF TC=0+-100	28480	0699-1344
R3	0699-3950	1	RESISTOR 1.33K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1331
R4	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	28480	0699-3970
R5	0699-1363	1	RESISTOR 61.9 +-1% .125W TKF TC=0+-100	28480	0699-1363
R6	0699-3933	1	RESISTOR 237 +-1% .063W TKF TC=0+-200	28480	0699-3933
R7	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	28480	0699-3970
R8	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	28480	0699-3970
R9	0699-3932	1	RESISTOR 215 +-1% .063W TKF TC=0+-200	28480	0699-3932
R10	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	28480	0699-3918
R11	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-EZP-F-1001
R12	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-EZP-F-1001
R13	0699-3932	1	RESISTOR 215 +-1% .063W TKF TC=0+-200	28480	0699-3932
R14	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	28480	0699-3918
R15	0699-3905	1	RESISTOR 14.7 +-1% .063W TKF TC=0+-200	28480	0699-3905
R17	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1003
R18	0699-3915	1	RESISTOR 38.3 +-1% .063W TKF TC=0+-200	28480	0699-3915
R25	0699-1423	1	RESISTOR 215 +-1% .125W TKF TC=0+-100	28480	0699-1423
R26	0699-1346	1	RESISTOR 12.1 +-1% .125W TKF TC=0+-100	28480	0699-1346
R27	0699-1346	1	RESISTOR 12.1 +-1% .125W TKF TC=0+-100	28480	0699-1346
R28	0699-1346	1	RESISTOR 12.1 +-1% .125W TKF TC=0+-100	28480	0699-1346
R29	0699-3987	1	RESISTOR 51.1K +-1% .063W TKF TC=0+-200	28480	0699-3987
R30	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-EZP-F-1001
R31	0699-3987	1	RESISTOR 51.1K +-1% .063W TKF TC=0+-200	28480	0699-3987
R32	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	28480	0699-3970
R33	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	28480	0699-3924
R34	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	28480	0699-3924
R35	0699-3969	1	RESISTOR 9.09K +-1% .063W TKF TC=0+-200	28480	0699-3969
R36	0699-1432	1	RESISTOR 511 +-1% .125W TKF TC=0+-100	28480	0699-1432
R37	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	28480	0699-3924
R38	0699-3366	1	RESISTOR 562 +-1% .065W TKF TC=0+-200	28480	0699-3366
R39	0699-3366	1	RESISTOR 562 +-1% .065W TKF TC=0+-200	28480	0699-3366

**Indicates factory-selected value*

HP Part Number E4400-60009
Reference OCXO (Option 1E5) (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R40	0699-3977	1	RESISTOR 19.6K +-1% .063W TKF TC=0+-200	28480	0699-3977
R41	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-EZP-F-1001
R42	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1003
R43	0699-4000	1	RESISTOR 196K +-1% .063W TKF TC=0+-200	28480	0699-4000
R44	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-EZP-F-1001
R45	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-EZP-F-1001
R46	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-EZP-F-1001
R47	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R48	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R49	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	28480	0699-3941
R50	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-EZP-F-1001
R51	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	28480	0699-3970
R52	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1003
R53	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-EZP-F-1001
R54	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-EZP-F-1001
R55	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-EZP-F-1001
R58	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-EZP-F-1001
R59	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	28480	0699-3970
R60	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	28480	0699-3970
R61	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1003
R62	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	28480	0699-3964
R63	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	28480	0699-3970
R64	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	28480	0699-3970
R65	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	28480	0699-3970
R66	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	28480	0699-3964
R67	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	28480	0699-3970
R68	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1003
R69	0699-1344	1	RESISTOR 10 +-1% .125W TKF TC=0+-100	28480	0699-1344
R70	0699-1344	1	RESISTOR 10 +-1% .125W TKF TC=0+-100	28480	0699-1344
R74	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	28480	0699-3970
R75	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	28480	0699-3970
R76	0699-3928	1	RESISTOR 147 +-1% .063W TKF TC=0+-200	28480	0699-3928
R79	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R80	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1003
R81	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	28480	0699-3970

**Indicates factory-selected value*

HP Part Number E4400-60009
Reference OCXO (Option 1E5) (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R82	0699-3972	1	RESISTOR 12.1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1212
R83	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-EZP-F-1001
R84	0699-3990	1	RESISTOR 75K +-1% .063W TKF TC=0+-200	28480	0699-3990
R85	0699-3999	1	RESISTOR 178K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1783
R86	0699-4001	1	RESISTOR 215K +-1% .063W TKF TC=0+-200	28480	0699-4001
R87	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-EZP-F-1001
R89	0699-4001	1	RESISTOR 215K +-1% .063W TKF TC=0+-200	28480	0699-4001
R90	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	28480	0699-3970
R91	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	28480	0699-3941
R92	0699-3963	1	RESISTOR 4.64K +-1% .063W TKF TC=0+-200	28480	0699-3963
R94	0699-3574	1	RESISTOR 0 .0625W TKF	28480	0699-3574
R95	0699-1344	1	RESISTOR 10 +-1% .125W TKF TC=0+-100	28480	0699-1344
R100	0699-1366	1	RESISTOR 82.5 +-1% .125W TKF TC=0+-100	28480	0699-1366
R101	0699-1366	1	RESISTOR 82.5 +-1% .125W TKF TC=0+-100	28480	0699-1366
R102	0699-1365	1	RESISTOR 75 +-1% .125W TKF TC=0+-100	28480	0699-1365
R103	0699-1365	1	RESISTOR 75 +-1% .125W TKF TC=0+-100	28480	0699-1365
R104	0699-1361	1	RESISTOR 51.1 +-1% .125W TKF TC=0+-100	28480	0699-1361
R105	0699-1361	1	RESISTOR 51.1 +-1% .125W TKF TC=0+-100	28480	0699-1361
R106	0699-1361	1	RESISTOR 51.1 +-1% .125W TKF TC=0+-100	28480	0699-1361
R107	0699-1365	1	RESISTOR 75 +-1% .125W TKF TC=0+-100	28480	0699-1365
R108	0699-1365	1	RESISTOR 75 +-1% .125W TKF TC=0+-100	28480	0699-1365
R109	0699-1351	1	RESISTOR 19.6 +-1% .125W TKF TC=0+-100	28480	0699-1351
R110	0699-3922	1	RESISTOR 82.5 +-1% .063W TKF TC=0+-200	28480	0699-3922
R111	0699-1422	1	RESISTOR 196 +-1% .125W TKF TC=0+-100	28480	0699-1422
R112	0699-1425	1	RESISTOR 261 +-1% .125W TKF TC=0+-100	28480	0699-1425
R113	0699-1425	1	RESISTOR 261 +-1% .125W TKF TC=0+-100	28480	0699-1425
R114	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	28480	0699-3918
R115	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	28480	0699-3918
R116	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	28480	0699-3918
R118	0699-3574	1	RESISTOR 0 .0625W TKF	28480	0699-3574
R120	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	28480	0699-3970
R121	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	28480	0699-3970
R122	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	28480	0699-3970
R123	0699-1416	1	RESISTOR 110 +-1% .125W TKF TC=0+-100	28480	0699-1416
R124	0699-1417	1	RESISTOR 121 +-1% .125W TKF TC=0+-100	28480	0699-1417

**Indicates factory-selected value*

HP Part Number E4400-60009
Reference OCXO (Option 1E5) (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R125	0699-1427	1	RESISTOR 316 +-1% .125W TKF TC=0+-100	28480	0699-1427
R126	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	28480	0699-3924
R127	0699-3921	1	RESISTOR 75 +-1% .063W TKF TC=0+-200	28480	0699-3921
R128	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	28480	0699-3924
R129	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	28480	0699-3924
R130	0699-1423	1	RESISTOR 215 +-1% .125W TKF TC=0+-100	28480	0699-1423
R131	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1003
R132	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	28480	0699-3970
R133	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-EZP-F-1001
R134	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-EZP-F-1001
R135	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-EZP-F-1001
R136	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-EZP-F-1001
R137	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1003
R140	0699-3954	1	RESISTOR 1.96K +-1% .063W TKF TC=0+-200	28480	0699-3954
R141	0699-3987	1	RESISTOR 51.1K +-1% .063W TKF TC=0+-200	28480	0699-3987
R142	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	28480	0699-3970
R143	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	28480	0699-3964
R144	0699-1432	1	RESISTOR 511 +-1% .125W TKF TC=0+-100	28480	0699-1432
R145	0699-1432	1	RESISTOR 511 +-1% .125W TKF TC=0+-100	28480	0699-1432
R146	0699-3954	1	RESISTOR 1.96K +-1% .063W TKF TC=0+-200	28480	0699-3954
R147	0699-3931	1	RESISTOR 196 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1960
R148	0699-3972	1	RESISTOR 12.1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1212
R149	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	28480	0699-3964
R150	0699-1349	1	RESISTOR 16.2 +-1% .125W TKF TC=0+-100	28480	0699-1349
R151	0699-1349	1	RESISTOR 16.2 +-1% .125W TKF TC=0+-100	28480	0699-1349
R152	0699-1349	1	RESISTOR 16.2 +-1% .125W TKF TC=0+-100	28480	0699-1349
R153	0699-3932	1	RESISTOR 215 +-1% .063W TKF TC=0+-200	28480	0699-3932
R154	0699-3972	1	RESISTOR 12.1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1212
R155	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	28480	0699-3964
R156	0699-3972	1	RESISTOR 12.1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1212
R157	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	28480	0699-3964
R158	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	28480	0699-3964
R159	0699-3367	1	RESISTOR 5.62K +-1% .0625W TKF TC=0+-200	28480	0699-3367
R160	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	28480	0699-3970
R162	0699-3982	1	RESISTOR 31.6K +-1% .063W TKF TC=0+-200	00746	MCR03-F-3162

**Indicates factory-selected value*

HP Part Number E4400-60009
Reference OCXO (Option 1E5) (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R163	0699-3982	1	RESISTOR 31.6K +-1% .063W TKF TC=0+-200	00746	MCR03-F-3162
R164	0699-3985	1	RESISTOR 42.2K +-1% .063W TKF TC=0+-200	28480	0699-3985
R165	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	28480	0699-3941
R166	0699-3935	1	RESISTOR 287 +-1% .063W TKF TC=0+-200	28480	0699-3935
R167	0699-3907	1	RESISTOR 17.8 +-1% .063W TKF TC=0+-200	28480	0699-3907
R168	0699-3935	1	RESISTOR 287 +-1% .063W TKF TC=0+-200	28480	0699-3935
R169	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-EZP-F-1001
R200	0699-1318	1	RESISTOR 1K +-1% .125W TKF TC=0+-100	28480	0699-1318
R201	0699-1344	1	RESISTOR 10 +-1% .125W TKF TC=0+-100	28480	0699-1344
R202	0699-3765	1	RESISTOR 115 +-0.1% .125W TF TC=0+-25	28480	0699-3765
R203	0699-2488	1	RESISTOR 100 +-0.1% .125W TF TC=0+-25	01172	BLU-1206 100R .1% 25PPM
R204	0699-2832	1	RESISTOR 200 +-0.1% .125W TF TC=0+-25	01172	BLU-1206 200R .1% 25PPM
R205	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	28480	0699-3941
R206	0699-2833	1	RESISTOR 300 +-0.1% .125W TF TC=0+-25	01172	BLU-1206 300R .1% 25PPM
R207	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	28480	0699-3941
R208	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	28480	0699-3941
R209	0699-3765	1	RESISTOR 115 +-0.1% .125W TF TC=0+-25	28480	0699-3765
R210	0699-2488	1	RESISTOR 100 +-0.1% .125W TF TC=0+-25	01172	BLU-1206 100R .1% 25PPM
R211	0699-2832	1	RESISTOR 200 +-0.1% .125W TF TC=0+-25	01172	BLU-1206 200R .1% 25PPM
R212	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	28480	0699-3941
R213	0699-2833	1	RESISTOR 300 +-0.1% .125W TF TC=0+-25	01172	BLU-1206 300R .1% 25PPM
R214	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	28480	0699-3941
R215	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	28480	0699-3941
R216	0699-2490	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	01172	BLU-1206 1K .1% 25PPM
R218	0699-2490	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	01172	BLU-1206 1K .1% 25PPM
R220	0699-1344	1	RESISTOR 10 +-1% .125W TKF TC=0+-100	28480	0699-1344
R221	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-EZP-F-1001
R224	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	28480	0699-3970
R226	0699-1785	1	RESISTOR 13.3K +-1% .125W TKF TC=0+-100	28480	0699-1785
R227	0699-2847	1	RESISTOR 2K +-0.1% .125W TF TC=0+-25	01172	BLU-1206 2K .1% 25PPM
R229	0699-2847	1	RESISTOR 2K +-0.1% .125W TF TC=0+-25	01172	BLU-1206 2K .1% 25PPM
R230	0699-2827	1	RESISTOR 900 +-0.1% .125W TF TC=0+-25	01172	BLU-1206 900R .1% 25PPM
R231	0699-2828	1	RESISTOR 1.5K +-0.1% .125W TF TC=0+-25	01172	BLU-1206 1K5 .1% 25PPM
R232	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	28480	0699-3970
R233	0699-3966	1	RESISTOR 6.81K +-1% .063W TKF TC=0+-200	28480	0699-3966

**Indicates factory-selected value*

HP Part Number E4400-60009
Reference OCXO (Option 1E5) (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R234	0699-3960	1	RESISTOR 3.48K +-1% .063W TKF TC=0+-200	00746	MCR03-F-3481
R235	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-EZP-F-1001
R236	0699-3986	1	RESISTOR 46.4K +-1% .063W TKF TC=0+-200	28480	0699-3986
R237	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1003
R238	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	28480	0699-3970
R241	0699-1415	1	RESISTOR 100 +-1% .125W TKF TC=0+-100	28480	0699-1415
R242	0698-3618	1	RESISTOR 82 +-5% 2W MO TC=0+-200	28480	0698-3618
R243	0699-3950	1	RESISTOR 1.33K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1331
R244	0699-3945	1	RESISTOR 825 +-1% .063W TKF TC=0+-200	28480	0699-3945
R245	0699-1415	1	RESISTOR 100 +-1% .125W TKF TC=0+-100	28480	0699-1415
R246	0699-3949	1	RESISTOR 1.21K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1211
R247	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	28480	0699-3970
R249	0699-3909	1	RESISTOR 21.5 +-1% .063W TKF TC=0+-200	28480	0699-3909
R250	0699-2823	1	RESISTOR 8K +-0.1% .125W TF TC=0+-25	01172	BLU-1206 8K .1% 25PPM
R251	0699-2847	1	RESISTOR 2K +-0.1% .125W TF TC=0+-25	01172	BLU-1206 2K .1% 25PPM
R252	0699-3986	1	RESISTOR 46.4K +-1% .063W TKF TC=0+-200	28480	0699-3986
R253	0699-3986	1	RESISTOR 46.4K +-1% .063W TKF TC=0+-200	28480	0699-3986
R254	0699-3955	1	RESISTOR 2.15K +-1% .063W TKF TC=0+-200	28480	0699-3955
R255	0699-1344	1	RESISTOR 10 +-1% .125W TKF TC=0+-100	28480	0699-1344
R256	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-EZP-F-1001
R257	0699-1344	1	RESISTOR 10 +-1% .125W TKF TC=0+-100	28480	0699-1344
R258	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1003
R259	0699-3949	1	RESISTOR 1.21K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1211
R260	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	28480	0699-3970
R261	0699-4012	1	RESISTOR 681K +-1% .063W TKF TC=0+-200	28480	0699-4012
R262	0699-3939	1	RESISTOR 422 +-1% .063W TKF TC=0+-200	28480	0699-3939
R264	0699-3912	1	RESISTOR 28.7 +-1% .063W TKF TC=0+-200	00746	MCR03-F-28R7
R265	0699-3912	1	RESISTOR 28.7 +-1% .063W TKF TC=0+-200	00746	MCR03-F-28R7
R270	0699-3917	1	RESISTOR 46.4 +-1% .063W TKF TC=0+-200	28480	0699-3917
R275	0699-3917	1	RESISTOR 46.4 +-1% .063W TKF TC=0+-200	28480	0699-3917
R280	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	28480	0699-3970
R281	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	28480	0699-3970
R282	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	28480	0699-3970
R283	0699-3974	1	RESISTOR 14.7K +-1% .063W TKF TC=0+-200	28480	0699-3974
R284	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-EZP-F-1001

**Indicates factory-selected value*

HP Part Number E4400-60009
Reference OCXO (Option 1E5) (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R285	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-EZP-F-1001
R286	0699-3974	1	RESISTOR 14.7K +-1% .063W TKF TC=0+-200	28480	0699-3974
R301	0699-3997	1	RESISTOR 147K +-1% .063W TKF TC=0+-200	28480	0699-3997
R302	0699-1318	1	RESISTOR 1K +-1% .125W TKF TC=0+-100	28480	0699-1318
R303	0699-4009	1	RESISTOR 464K +-1% .063W TKF TC=0+-200	28480	0699-4009
R305	0699-4009	1	RESISTOR 464K +-1% .063W TKF TC=0+-200	28480	0699-4009
R306	0699-3987	1	RESISTOR 51.1K +-1% .063W TKF TC=0+-200	28480	0699-3987
R307	0699-3981	1	RESISTOR 28.7K +-1% .063W TKF TC=0+-200	00746	MCR03-F-2872
R310	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	28480	0699-3970
R311	0699-3959	1	RESISTOR 3.16K +-1% .063W TKF TC=0+-200	00746	MCR03-F-3161
R312	0699-3981	1	RESISTOR 28.7K +-1% .063W TKF TC=0+-200	00746	MCR03-F-2872
R313	0699-4009	1	RESISTOR 464K +-1% .063W TKF TC=0+-200	28480	0699-4009
R315	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	28480	0699-3978
R316	0699-2843	1	RESISTOR 100K +-0.1% .125W TF TC=0+-25	01172	BLU-1206 100K .1% 25PPM
R317	0699-2843	1	RESISTOR 100K +-0.1% .125W TF TC=0+-25	01172	BLU-1206 100K .1% 25PPM
R319	0699-4009	1	RESISTOR 464K +-1% .063W TKF TC=0+-200	28480	0699-4009
R320	0699-4009	1	RESISTOR 464K +-1% .063W TKF TC=0+-200	28480	0699-4009
R321	0699-3987	1	RESISTOR 51.1K +-1% .063W TKF TC=0+-200	28480	0699-3987
R322	0699-3981	1	RESISTOR 28.7K +-1% .063W TKF TC=0+-200	00746	MCR03-F-2872
R323	0699-3981	1	RESISTOR 28.7K +-1% .063W TKF TC=0+-200	00746	MCR03-F-2872
R324	0699-4009	1	RESISTOR 464K +-1% .063W TKF TC=0+-200	28480	0699-4009
R326	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-EZP-F-1001
R327	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	28480	0699-3970
R328	0699-3997	1	RESISTOR 147K +-1% .063W TKF TC=0+-200	28480	0699-3997
R329	0699-3959	1	RESISTOR 3.16K +-1% .063W TKF TC=0+-200	00746	MCR03-F-3161
R330	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	28480	0699-3978
R331	0699-3985	1	RESISTOR 42.2K +-1% .063W TKF TC=0+-200	28480	0699-3985
R334	0699-3967	1	RESISTOR 7.5K +-1% .063W TKF TC=0+-200	28480	0699-3967
R335	0699-3985	1	RESISTOR 42.2K +-1% .063W TKF TC=0+-200	28480	0699-3985
R339	0699-4016	1	RESISTOR 1M +-1% .063W TKF TC=0+-200	00746	MCR03-EZP-F-1004
R340	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	28480	0699-3964
R341	0699-1447	1	RESISTOR 261K +-1% .125W TKF TC=0+-100	28480	0699-1447
R342	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	28480	0699-3964
R343	0699-1327	1	RESISTOR 1M +-1% .125W TKF TC=0+-100	28480	0699-1327
R344	0699-1447	1	RESISTOR 261K +-1% .125W TKF TC=0+-100	28480	0699-1447

**Indicates factory-selected value*

HP Part Number E4400-60009
Reference OCXO (Option 1E5) (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R346	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-EZP-F-1001
R347	0699-3958	1	RESISTOR 2.87K +-1% .063W TKF TC=0+-200	00746	MCR03-F-2871
R348	0699-3940	1	RESISTOR 464 +-1% .063W TKF TC=0+-200	28480	0699-3940
R349	0699-3967	1	RESISTOR 7.5K +-1% .063W TKF TC=0+-200	28480	0699-3967
R351	0699-3967	1	RESISTOR 7.5K +-1% .063W TKF TC=0+-200	28480	0699-3967
R352	0699-3940	1	RESISTOR 464 +-1% .063W TKF TC=0+-200	28480	0699-3940
R353	0699-3967	1	RESISTOR 7.5K +-1% .063W TKF TC=0+-200	28480	0699-3967
R354	0699-4016	1	RESISTOR 1M +-1% .063W TKF TC=0+-200	00746	MCR03-EZP-F-1004
R355	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	28480	0699-3964
R356	0699-1447	1	RESISTOR 261K +-1% .125W TKF TC=0+-100	28480	0699-1447
R357	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	28480	0699-3964
R358	0699-1447	1	RESISTOR 261K +-1% .125W TKF TC=0+-100	28480	0699-1447
R359	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-EZP-F-1001
R360	0699-3958	1	RESISTOR 2.87K +-1% .063W TKF TC=0+-200	00746	MCR03-F-2871
R372	0699-1327	1	RESISTOR 1M +-1% .125W TKF TC=0+-100	28480	0699-1327
TP1	1251-0600	1	CONNECTOR-SGL CONT PIN 1.14-MM-BSC-SZ SQ	03418	16-06-0034
TP2	1251-0600	1	CONNECTOR-SGL CONT PIN 1.14-MM-BSC-SZ SQ	03418	16-06-0034
TP3	1251-0600	1	CONNECTOR-SGL CONT PIN 1.14-MM-BSC-SZ SQ	03418	16-06-0034
TP4	1251-0600	1	CONNECTOR-SGL CONT PIN 1.14-MM-BSC-SZ SQ	03418	16-06-0034
TP5	1251-0600	1	CONNECTOR-SGL CONT PIN 1.14-MM-BSC-SZ SQ	03418	16-06-0034
TP6	1251-0600	1	CONNECTOR-SGL CONT PIN 1.14-MM-BSC-SZ SQ	03418	16-06-0034
TP15	1251-0600	1	CONNECTOR-SGL CONT PIN 1.14-MM-BSC-SZ SQ	03418	16-06-0034
TP200	1251-0600	1	CONNECTOR-SGL CONT PIN 1.14-MM-BSC-SZ SQ	03418	16-06-0034
TP205	1251-0600	1	CONNECTOR-SGL CONT PIN 1.14-MM-BSC-SZ SQ	03418	16-06-0034
TP206	1251-0600	1	CONNECTOR-SGL CONT PIN 1.14-MM-BSC-SZ SQ	03418	16-06-0034
U1	1826-1687	1	IC PWR MGT-V-REF-FXD 9.95/10.05V 8 PINS	10858	LT1021DCS8-10
U4	1813-1065	1	CLK-OSC-XTAL STD 10.000-MHZ 0.05%	00278	
U5	1820-5950	1	IC INV CMOS/AC HEX	01698	SN74AC04AD
U6	1820-5945	1	IC GATE CMOS/AC NAND QUAD 2-INP	02037	MC74AC00D
U7	1820-5054	1	IC MV CMOS/HC MONOSTBL RETRIG DUAL	02237	MM74HC123AMX
U9	1826-1838	1	IC PWR MGT-V-REF-FXD 4.95/5.05V 8 PINS	10858	LT1021DCS8-5
U10	1820-5945	1	IC GATE CMOS/AC NAND QUAD 2-INP	02037	MC74AC00D
U11	1820-6391	1	IC GATE CMOS/AC EXCL-OR QUAD 2-INP	02237	74AC86SCX.
U12	1826-1622	1	IC OP AMP LOW-BIAS-H-IMPD QUAD 14 PIN	01698	TL074CD
U13	1826-1687	1	IC PWR MGT-V-REF-FXD 9.95/10.05V 8 PINS	10858	LT1021DCS8-10

**Indicates factory-selected value*

HP Part Number E4400-60009
Reference OCXO (Option 1E5) (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
U14	1820-5951	1	IC GATE CMOS/AC AND QUAD 2-INP	02037	MC74AC08D
U15	1818-5236	1	IC 4K-BIT EEPROM 500-NS CMOS	02237	NM93C66M8X
U16	1820-6752	1	IC-ASIC GT-ARY CMOS 6206 PLCC	03406	SCX6206TQM/V2
U17	1820-5934	1	IC DCDR-DEMUXR CMOS/AC BIN 8-TO-1-LINE	02037	MC74AC138D
U18	1820-5804	1	IC SHF-RGTR CMOS/HC SYNC/ASYNC	01698	SN74HC165D
U19	1820-5804	1	IC SHF-RGTR CMOS/HC SYNC/ASYNC	01698	SN74HC165D
U20	1820-6277	1	IC SHF-RGTR CMOS/HC SYNC/ASYNC SERIAL-IN	01698	SN74HC595D
U21	1820-6277	1	IC SHF-RGTR CMOS/HC SYNC/ASYNC SERIAL-IN	01698	SN74HC595D
U22	1820-6277	1	IC SHF-RGTR CMOS/HC SYNC/ASYNC SERIAL-IN	01698	SN74HC595D
U23	1820-6277	1	IC SHF-RGTR CMOS/HC SYNC/ASYNC SERIAL-IN	01698	SN74HC595D
U24	1826-1619	1	D/A 8-BIT 20-PLCC CMOS	03285	AD7528JP
U25	1826-1622	1	IC OP AMP LOW-BIAS-H-IMPD QUAD 14 PIN	01698	TL074CD
U26	1826-2149	1	ANALOG SWITCH 4 SPST 16 -P-SOIC	02883	DG444DY
U27	1820-5936	1	IC GATE CMOS/AC OR QUAD 2-INP	02037	MC74AC32D
U28	1820-5937	1	IC FF CMOS/AC D-TYPE POS-EDGE-TRIG	02037	MC74AC74D
U30	1821-1938	1	IC CNTR CMOS BIN ASYNCHRO NEG-EDGE-TRIG	02037	MC14060BD
U31	1826-1402	1	IC PWR MGT-V-REG-FXD-POS 4.8/5.2V 8 PINS	01698	UA78L05ACD
U32	1820-5937	1	IC FF CMOS/AC D-TYPE POS-EDGE-TRIG	02037	MC74AC74D
U100	1826-2204	1	IC RF/IF AMPL SINGLE 4 PIN U-WAVE-PILL	01542	MSA-0686
U101	1826-2175	1	IC RF/IF AMPL SINGLE 4 PIN U-WAVE-PILL	01542	HPMA-0386T15
U102	1826-2204	1	IC RF/IF AMPL SINGLE 4 PIN U-WAVE-PILL	01542	MSA-0686
U103	1820-5937	1	IC FF CMOS/AC D-TYPE POS-EDGE-TRIG	02037	MC74AC74D
U104	1820-5945	1	IC GATE CMOS/AC NAND QUAD 2-INP	02037	MC74AC00D
U105	1826-1925	1	IC OP AMP LOW-NOISE SINGLE 8 PIN	03285	OP-27GS
U106	1826-1838	1	IC PWR MGT-V-REF-FXD 4.95/5.05V 8 PINS	10858	LT1021DCS8-5
U107	1826-1528	1	IC COMPARATOR LP QUAD 14 PIN PLSTC-SOIC	01698	LM339DR
U108	1820-7218	1	IC CNTR CMOS/AC BIN SYNCHRO	02037	MC74AC163D
U109	1820-8762	1	IC-ASIC CL-BSD CMOS 64020 PLCC	02037	SC64020FN
U200	1826-1985	1	ANALOG SWITCH 4 SPST 16 -P-SOIC	02883	DG411DY
U201	1826-3329	1	IC OP AMP VID-SPCL-FCTN SINGLE 8 PIN	03285	AD818AR
U202	1826-2147	1	ANALOG MULTIPLEXER 8 CHNL 16 -P-SOIC	02883	DG408DY
U203	1826-2147	1	ANALOG MULTIPLEXER 8 CHNL 16 -P-SOIC	02883	DG408DY
U204	1826-1619	1	D/A 8-BIT 20-PLCC CMOS	03285	AD7528JP
U205	1826-3000	1	IC AUDIO AMPL LOW-NOISE DUAL 8 PIN	03285	OP275GS
U206	1826-1810	1	IC OP AMP LOW-BIAS-H-IMPD SINGLE 8 PIN	01698	TL071CD

**Indicates factory-selected value*

HP Part Number E4400-60009
Reference OCXO (Option 1E5) (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
U207	1826-3329	1	IC OP AMP VID-SPCL-FCTN SINGLE 8 PIN	03285	AD818AR
U208	1826-2147	1	ANALOG MULTIPLEXER 8 CHNL 16 -P-SOIC	02883	DG408DY
U209	1826-1594	1	IC COMPARATOR GP SINGLE 8 PIN PLSTC-SOIC	02910	LM311D
U210	1826-2147	1	ANALOG MULTIPLEXER 8 CHNL 16 -P-SOIC	02883	DG408DY
U211	1826-3000	1	IC AUDIO AMPL LOW-NOISE DUAL 8 PIN	03285	OP275GS
U212	1826-1808	1	IC BFR HS 8 PIN DIP-P	03406	LM6321N
U213	1826-2147	1	ANALOG MULTIPLEXER 8 CHNL 16 -P-SOIC	02883	DG408DY
U214	1826-2147	1	ANALOG MULTIPLEXER 8 CHNL 16 -P-SOIC	02883	DG408DY
U215	1826-1899	1	D/A 12-BIT 28-PLCC CMOS	03285	AD7547JP
U216	1826-3000	1	IC AUDIO AMPL LOW-NOISE DUAL 8 PIN	03285	OP275GS
U217	1826-3000	1	IC AUDIO AMPL LOW-NOISE DUAL 8 PIN	03285	OP275GS
U219	1826-1899	1	D/A 12-BIT 28-PLCC CMOS	03285	AD7547JP
U221	1826-3329	1	IC OP AMP VID-SPCL-FCTN SINGLE 8 PIN	03285	AD818AR
U222	1826-2961	1	IC OP AMP GP SINGLE 8 PIN PLSTC-SOIC	03285	AD817AR
U300	1826-2147	1	ANALOG MULTIPLEXER 8 CHNL 16 -P-SOIC	02883	DG408DY
U301	1826-1622	1	IC OP AMP LOW-BIAS-H-IMPD QUAD 14 PIN	01698	TL074CD
U303	1826-1619	1	D/A 8-BIT 20-PLCC CMOS	03285	AD7528JP
U304	1826-1862	1	IC OP AMP LOW-BIAS-H-IMPD DUAL 8 PIN	01698	TL072CD
U305	1826-1572	1	IC COMPARATOR PRCN DUAL 8 PIN PLSTC-SOIC	01698	LM393D
U306	1820-5054	1	IC MV CMOS/HC MONOSTBL RETRIG DUAL	02237	MM74HC123AMX
U308	1820-5951	1	IC GATE CMOS/AC AND QUAD 2-INP	02037	MC74AC08D
U309	1820-5945	1	IC GATE CMOS/AC NAND QUAD 2-INP	02037	MC74AC00D
U312	1826-1572	1	IC COMPARATOR PRCN DUAL 8 PIN PLSTC-SOIC	01698	LM393D
U314	1820-5945	1	IC GATE CMOS/AC NAND QUAD 2-INP	02037	MC74AC00D
U315	1820-5054	1	IC MV CMOS/HC MONOSTBL RETRIG DUAL	02237	MM74HC123AMX
W100	E4400-20022	1	CBL-RF (63010)	28480	E4400-20022

**Indicates factory-selected value*

Component-Level Information Packet for E4400-60010

Reference TCXO



HP Part No. E4400-90059
Printed in USA September 1998

Notice. The information contained in this document is subject to change without notice.

Hewlett-Packard makes no warranty of any kind with regard to this material, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Hewlett-Packard shall not be liable for errors contained herein or for incidental or consequential damages in connection with the furnishing, performance, or use of this material.

©Copyright Hewlett-Packard Company 1998
All Rights Reserved. Reproduction, adaptation, or translation without prior written permission is prohibited, except as allowed under the copyright laws.

HP Part Number E4400-60010
Reference TCXO

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C1	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C2	0160-7842	1	CAP-FXD 150pF +-5% 50 V CER C0G	02010	06035A151JAT
C3	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C4	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C5	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C7	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	02010	08055A102JATRA
C8	0160-7766	1	CAP-FXD 820pF +-5% 50 V CER C0G	06352	C2012C0G1H821JT
C9	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	02010	06035C103KAT
C10	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	02010	06035C103KAT
C11	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C12	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	02010	06035C103KAT
C13	0160-7855	1	CAP-FXD 33pF +-5% 50 V CER C0G	02010	06035A330JAT
C15	0160-7405	1	CAP-FXD 560pF +-5% 50 V CER C0G	06352	C2012C0G1H561J
C16	0160-7405	1	CAP-FXD 560pF +-5% 50 V CER C0G	06352	C2012C0G1H561J
C17	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C18	0180-4116	1	CAP-FXD 22uF +-20% 20 V TA	00039	NRD226M20R12
C19	0180-3752	1	CAP-FXD 3.3uF +-20% 35 V TA	00039	NRD335M35R12
C20	0180-3750	1	CAP-FXD 0.47uF +-20% 35 V TA	00039	NRS474M35R8
C21	0160-6735	1	CAP-FXD 4700pF +-10% 50 V CER X7R	02010	12065C472KAT A
C22	0160-6735	1	CAP-FXD 4700pF +-10% 50 V CER X7R	02010	12065C472KAT A
C23	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C24	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C25	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C26	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C27	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C28	0160-7842	1	CAP-FXD 150pF +-5% 50 V CER C0G	02010	06035A151JAT
C29	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C30	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	02010	06035C103KAT
C31	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C32	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C33	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C34	0180-4228	1	CAP-FXD 47uF +-20% 10 V TA	00039	NRD476M10
C35	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C37	0180-4228	1	CAP-FXD 47uF +-20% 10 V TA	00039	NRD476M10
C38	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A

**Indicates factory-selected value*

HP Part Number E4400-60010
Reference TCXO (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C40	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C41	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C42	0180-3753	1	CAP-FXD 6.8uF +-20% 35 V TA	00039	NRD685M35R12
C43	0180-4116	1	CAP-FXD 22uF +-20% 20 V TA	00039	NRD226M20R12
C45	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C46	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C47	0180-3753	1	CAP-FXD 6.8uF +-20% 35 V TA	00039	NRD685M35R12
C48	0180-4116	1	CAP-FXD 22uF +-20% 20 V TA	00039	NRD226M20R12
C49	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C50	0180-4274	1	CAP-FXD 4.7uF +-20% 50 V TA	02010	TAJD475M050
C51	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C52	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C53	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C54	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C55	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C56	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C57	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C58	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C59	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C60	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C61	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C62	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C63	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C64	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C65	0180-3848	1	CAP-FXD 33uF +-10% 16 V TA	12340	T398H336K016AS
C66	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C67	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C68	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C69	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C70	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C71	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	02010	06035C103KAT
C72	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C73	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C77	0160-7842	1	CAP-FXD 150pF +-5% 50 V CER C0G	02010	06035A151JAT
C78	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	02010	06035C103KAT

**Indicates factory-selected value*

HP Part Number E4400-60010
Reference TCXO (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C79	0160-7842	1	CAP-FXD 150pF +-5% 50 V CER C0G	02010	06035A151JAT
C80	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	00039	NRS105M35R8
C81	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C82	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C83	0160-7830	1	CAP-FXD 1pF +-25% 50 V CER C0G	02010	06035A1R0CAT
C84	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	00039	NRS105M35R8
C85	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C86	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C87	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	00039	NRS105M35R8
C100	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C101	0160-7832	1	CAP-FXD 1.5pF +-16.67% 50 V CER C0G	02010	06035A1R5CAT
C102	0160-7771	1	CAP-FXD 8.2pF +-3% 50 V CER C0G	02010	06035A8R2CAT
C103	0160-5951	1	CAP-FXD 390pF +-5% 50 V CER C0G	02010	08055A391JAT A
C104	0160-5951	1	CAP-FXD 390pF +-5% 50 V CER C0G	02010	08055A391JAT A
C105	0160-7986	1	CAP-FXD 390pF +-5% 50 V CER C0G	06352	C1608COG1H391J
C106	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C107	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C108	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C109	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C110	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C111	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C112	0160-7833	1	CAP-FXD 1.8pF +-13.89% 50 V CER C0G	02010	06035A1R8CAT
C113	0160-7833	1	CAP-FXD 1.8pF +-13.89% 50 V CER C0G	02010	06035A1R8CAT
C114	0160-7853	1	CAP-FXD 3.3pF +-7.6% 50 V CER C0G	02010	06035A3R3CAT
C116	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	02010	06035C103KAT
C117	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	02010	06035C103KAT
C118	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C119	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C120	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C121	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C122	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C123	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C125	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C126	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C130	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	00039	NRS105M35R8

**Indicates factory-selected value*

HP Part Number E4400-60010
Reference TCXO (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C131	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	00039	NRS105M35R8
C132	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C133	0160-7405	1	CAP-FXD 560pF +-5% 50 V CER C0G	06352	C2012C0G1H561J
C134	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	02010	06035C103KAT
C135	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C136	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C137	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C138	0180-4116	1	CAP-FXD 22uF +-20% 20 V TA	00039	NRD226M20R12
C139	0180-3752	1	CAP-FXD 3.3uF +-20% 35 V TA	00039	NRD335M35R12
C140	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C141	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C142	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C143	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C144	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C145	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	00039	NRS105M35R8
C146	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	00039	NRS105M35R8
C147	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C148	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C149	0160-6222	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	12105C104KAT A
C150	0160-6222	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	12105C104KAT A
C151	0160-6222	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	12105C104KAT A
C152	0160-6222	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	12105C104KAT A
C153	0160-7830	1	CAP-FXD 1pF +-25% 50 V CER C0G	02010	06035A1R0CAT
C154	0160-7830	1	CAP-FXD 1pF +-25% 50 V CER C0G	02010	06035A1R0CAT
C155	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	02010	06035C103KAT
C156	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C157	0180-4116	1	CAP-FXD 22uF +-20% 20 V TA	00039	NRD226M20R12
C158	0160-7830	1	CAP-FXD 1pF +-25% 50 V CER C0G	02010	06035A1R0CAT
C159	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	06352	C1608COG1H240J
C160	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	06352	C1608COG1H240J
C161	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	06352	C1608COG1H240J
C162	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	06352	C1608COG1H240J
C163	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	06352	C1608COG1H240J
C164	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	06352	C1608COG1H240J
C165	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	06352	C1608COG1H240J

**Indicates factory-selected value*

HP Part Number E4400-60010
Reference TCXO (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C166	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	06352	C1608COG1H240J
C167	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	06352	C1608COG1H240J
C168	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	06352	C1608COG1H240J
C169	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	06352	C1608COG1H240J
C170	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	06352	C1608COG1H240J
C171	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	06352	C1608COG1H240J
C172	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	06352	C1608COG1H240J
C173	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	06352	C1608COG1H240J
C174	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	06352	C1608COG1H240J
C175	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	06352	C1608COG1H240J
C176	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	06352	C1608COG1H240J
C177	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	06352	C1608COG1H240J
C178	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	06352	C1608COG1H240J
C179	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	06352	C1608COG1H240J
C180	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	06352	C1608COG1H240J
C181	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	06352	C1608COG1H240J
C200	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C201	0160-7830	1	CAP-FXD 1pF +-25% 50 V CER C0G	02010	06035A1R0CAT
C202	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C203	0160-7830	1	CAP-FXD 1pF +-25% 50 V CER C0G	02010	06035A1R0CAT
C204	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C205	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C206	0160-7308	1	CAP-FXD 3.3uF +-10% 50 V POLYE-MET	06127	MKS2-3.3UF/50V/10%
C207	0160-7308	1	CAP-FXD 3.3uF +-10% 50 V POLYE-MET	06127	MKS2-3.3UF/50V/10%
C208	0160-7748	1	CAP-FXD 1000pF +-10% 50 V CER X7R	02010	06035C102KAT
C209	0160-7781	1	CAP-FXD 2200pF +-10% 50 V CER X7R	02010	06035C222KAT
C210	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C211	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C212	0160-7748	1	CAP-FXD 1000pF +-10% 50 V CER X7R	02010	06035C102KAT
C213	0160-7748	1	CAP-FXD 1000pF +-10% 50 V CER X7R	02010	06035C102KAT
C215	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C216	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C217	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C218	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C219	0160-7781	1	CAP-FXD 2200pF +-10% 50 V CER X7R	02010	06035C222KAT

**Indicates factory-selected value*

HP Part Number E4400-60010
Reference TCXO (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C220	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C221	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C222	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C223	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C224	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C225	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C226	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C227	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C228	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C230	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C231	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C232	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C234	0160-7969	1	CAP-FXD 13pF +-5% 50 V CER C0G	06352	C1608COG1H130J
C235	0160-7969	1	CAP-FXD 13pF +-5% 50 V CER C0G	06352	C1608COG1H130J
C238	0160-7748	1	CAP-FXD 1000pF +-10% 50 V CER X7R	02010	06035C102KAT
C239	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C240	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C241	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C242	0160-7850	1	CAP-FXD 27pF +-5% 50 V CER C0G	02010	06035A270JAT
C243	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C244	0160-7860	1	CAP-FXD 4.7pF +-5.31% 50 V CER C0G	02010	06035A4R7CAT
C245	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C246	0160-7748	1	CAP-FXD 1000pF +-10% 50 V CER X7R	02010	06035C102KAT
C257	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C258	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C260	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C261	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C262	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C301	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C302	0160-5469	1	CAP-FXD 1uF +-10% 50 V POLYE-MET	04078	BF064D0105KDB
C303	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C304	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C305	0160-4535	1	CAP-FXD 1uF +-10% 50 V CER X7R	02010	SR305C105KAAH
C306	0160-5469	1	CAP-FXD 1uF +-10% 50 V POLYE-MET	04078	BF064D0105KDB
C307	0160-4535	1	CAP-FXD 1uF +-10% 50 V CER X7R	02010	SR305C105KAAH

**Indicates factory-selected value*

HP Part Number E4400-60010
Reference TCXO (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C308	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C309	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C310	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C311	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C312	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C313	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C314	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C315	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	00039	NRS105M35R8
C316	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	00039	NRS105M35R8
C317	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C318	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C319	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C320	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C321	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C324	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C325	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	00039	NRS105M35R8
C326	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	00039	NRS105M35R8
C328	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
C329	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	08055C104KAT_A
CR1	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	02037	BAV99LT1
CR2	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02037	BAS16LT1
CR3	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02037	BAS16LT1
CR4	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	02037	BAV99LT1
CR5	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02037	BAS16LT1
CR6	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02037	BAS16LT1
CR8	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	02037	BAV99LT1
CR9	1900-0074	1	DIODE-SCHOTTKY SM SIG	01542	1900-0074
CR10	1900-0074	1	DIODE-SCHOTTKY SM SIG	01542	1900-0074
CR11	1900-0074	1	DIODE-SCHOTTKY SM SIG	01542	1900-0074
CR12	1900-0074	1	DIODE-SCHOTTKY SM SIG	01542	1900-0074
CR13	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02037	BAS16LT1
CR14	1900-0074	1	DIODE-SCHOTTKY SM SIG	01542	1900-0074
CR15	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02037	BAS16LT1
CR17	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02037	BAS16LT1
CR100	0122-0343	1	DIODE-VVC 2PF C 1/C28-MIN=8 BVR=30V	02910	BBY39

HP Part Number E4400-60010
Reference TCXO (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
CR101	1900-0096	1	DIODE-PIN	01542	1900-0096
CR102	1900-0096	1	DIODE-PIN	01542	1900-0096
CR103	1900-0074	1	DIODE-SCHOTTKY SM SIG	01542	1900-0074
CR104	1900-0074	1	DIODE-SCHOTTKY SM SIG	01542	1900-0074
CR200	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	02037	BAV99LT1
CR201	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	02037	BAV99LT1
CR204	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02037	BAS16LT1
CR205	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02037	BAS16LT1
CR206	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	02037	BAV99LT1
CR207	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	02037	BAV99LT1
CR300	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02037	BAS16LT1
CR301	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02037	BAS16LT1
CR303	1900-0078	1	DIODE-SCHOTTKY SM SIG	01542	1900-0078
CR304	1900-0245	1	DIODE-SCHOTTKY SM SIG	01542	HSMS-2805
CR305	1900-0078	1	DIODE-SCHOTTKY SM SIG	01542	1900-0078
CR306	1900-0245	1	DIODE-SCHOTTKY SM SIG	01542	HSMS-2805
CR307	1900-0078	1	DIODE-SCHOTTKY SM SIG	01542	1900-0078
CR308	1900-0078	1	DIODE-SCHOTTKY SM SIG	01542	1900-0078
CR309	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02037	BAS16LT1
CR311	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02037	BAS16LT1
CR312	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02037	BAS16LT1
CR313	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02037	BAS16LT1
FL1	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102
FL2	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102
FL3	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102
FL4	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102
FL5	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102
FL6	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102
FL7	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102
FL8	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102
FL9	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102
J2	1251-4670	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	03206	68000-603
J30	1251-4670	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	03206	68000-603
L1	9140-1101	1	INDUCTOR 470nH +-5% 2.8W-mmX3.4LG-mm	06352	NL322522T-R47J
L2	9140-1112	1	INDUCTOR 8.2uH +-5% 3.4W-mmX4.8LG-mm	06352	NL453232-8R2J-3

**Indicates factory-selected value*

HP Part Number E4400-60010
Reference TCXO (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
L3	9140-1103	1	INDUCTOR 680nH +-5% 2.8W-mmX3.4LG-mm	06352	NL322522T-R68J
L4	9140-1117	1	INDUCTOR 47uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-470J-3
L5	9140-1105	1	INDUCTOR 1uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-1R0J-3
L6	9140-1113	1	INDUCTOR 10uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-100J-3
L7	9100-3922	1	INDUCTOR-FIXED Z > 1200 OHMS 120 TO 650	01869	99ZSPA45165
L8	9140-1113	1	INDUCTOR 10uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-100J-3
L10	9140-1113	1	INDUCTOR 10uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-100J-3
L12	9140-1113	1	INDUCTOR 10uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-100J-3
L13	9140-1113	1	INDUCTOR 10uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-100J-3
L100	9140-1567	1	INDUCTOR 68nH +5% -5% 2.8W-mmX3.4LG-mm	03273	SM3-068J-1
L101	9140-1567	1	INDUCTOR 68nH +5% -5% 2.8W-mmX3.4LG-mm	03273	SM3-068J-1
L102	9140-1568	1	INDUCTOR 82nH +5% -5% 2.8W-mmX3.4LG-mm	03273	SM3-082J-1
L103	9140-1557	1	INDUCTOR 10nH +10% -10% 2.8W-mmX3.4LG-mm	03273	SM3-010K-1
L104	9140-1557	1	INDUCTOR 10nH +10% -10% 2.8W-mmX3.4LG-mm	03273	SM3-010K-1
L105	9140-1206	1	INDUCTOR 100nH +-5% 2.8W-mmX3.4LG-mm	06352	NL322522T-R10J
L106	9140-1206	1	INDUCTOR 100nH +-5% 2.8W-mmX3.4LG-mm	06352	NL322522T-R10J
L107	9140-1206	1	INDUCTOR 100nH +-5% 2.8W-mmX3.4LG-mm	06352	NL322522T-R10J
L108	9140-1206	1	INDUCTOR 100nH +-5% 2.8W-mmX3.4LG-mm	06352	NL322522T-R10J
L109	9140-1206	1	INDUCTOR 100nH +-5% 2.8W-mmX3.4LG-mm	06352	NL322522T-R10J
L110	9140-1557	1	INDUCTOR 10nH +10% -10% 2.8W-mmX3.4LG-mm	03273	SM3-010K-1
L111	9140-1561	1	INDUCTOR 22nH +5% -5% 2.8W-mmX3.4LG-mm	03273	SM3-022J-1
L112	9140-1557	1	INDUCTOR 10nH +10% -10% 2.8W-mmX3.4LG-mm	03273	SM3-010K-1
L114	9140-1121	1	INDUCTOR 100uH +-5% 3.4W-mmX4.8LG-mm	06352	NL453232-101J-3
L115	9140-1115	1	INDUCTOR 22uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-220J-3
L116	9140-1121	1	INDUCTOR 100uH +-5% 3.4W-mmX4.8LG-mm	06352	NL453232-101J-3
L117	9140-1115	1	INDUCTOR 22uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-220J-3
L118	9140-1206	1	INDUCTOR 100nH +-5% 2.8W-mmX3.4LG-mm	06352	NL322522T-R10J
L119	9140-1122	1	INDUCTOR 150uH +-5% 3.4W-mmX4.8LG-mm	06352	NL453232-151J-3
L120	9140-1122	1	INDUCTOR 150uH +-5% 3.4W-mmX4.8LG-mm	06352	NL453232-151J-3
L121	9140-1121	1	INDUCTOR 100uH +-5% 3.4W-mmX4.8LG-mm	06352	NL453232-101J-3
L122	9140-1121	1	INDUCTOR 100uH +-5% 3.4W-mmX4.8LG-mm	06352	NL453232-101J-3
L300	9140-1418	1	INDUCTOR 2.7uH +-5% 3.4W-mmX4.8LG-mm	06352	NL453232-2R7J-3
MP2	08920-00088	1	INSULATOR TCXO	28480	08920-00088
MP3	5002-2401	1	EXT LVL RIGHT	28480	5002-2401
MP4	5002-2402	1	EXT LVL LEFT	28480	5002-2402

**Indicates factory-selected value*

HP Part Number E4400-60010
Reference TCXO (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
MP5	8160-0448	5	RFI ROUND STRIP BE-CU SN-PL .062-IN-OD	10840	SS-04
MP6	E4400-20113	1	SHIELD-TOP	28480	E4400-20113
MP7	E4400-20114	1	SHIELD-BOTTOM	28480	E4400-20114
MP8	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP9	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP10	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP11	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP12	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP13	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP14	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP15	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP16	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP17	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP18	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP19	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP20	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP21	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP22	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
P1	1252-1506	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	01380	535512-2
P2	1252-6521	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	01380	2-535512-2
P3	1252-1506	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	01380	535512-2
P5	1258-0209	1	JUMPER-REMOVABLE 2 POSITION; .250 IN	01380	531220-2
P6	1258-0209	1	JUMPER-REMOVABLE 2 POSITION; .250 IN	01380	531220-2
Q1	1854-1037	1	TRANSISTOR NPN SI TO-236AA PD=350MW	02037	MMBT3904LT1
Q2	1854-1037	1	TRANSISTOR NPN SI TO-236AA PD=350MW	02037	MMBT3904LT1
Q3	1854-1037	1	TRANSISTOR NPN SI TO-236AA PD=350MW	02037	MMBT3904LT1
Q4	1854-1037	1	TRANSISTOR NPN SI TO-236AA PD=350MW	02037	MMBT3904LT1
Q5	1854-1037	1	TRANSISTOR NPN SI TO-236AA PD=350MW	02037	MMBT3904LT1
Q6	1854-1037	1	TRANSISTOR NPN SI TO-236AA PD=350MW	02037	MMBT3904LT1
Q9	1853-0724	1	TRANSISTOR PNP SI TO-261AA (SOT-223)	02037	PZT2907AT1
Q10	1854-1095	1	TRANSISTOR NPN SI SOT-23 (TO-236AB)	02037	MMBT2369
Q11	1854-1188	1	TRANSISTOR NPN SI SOT-23 (TO-236AB)	02037	MMBT4401LT1
Q12	1853-0580	1	TRANSISTOR PNP SI SOT-23 (TO-236AB)	00746	SST4403
Q100	1854-1042	1	TRANSISTOR NPN SI PD=500MW	02037	MRF571(SEL)
Q101	1854-1037	1	TRANSISTOR NPN SI TO-236AA PD=350MW	02037	MMBT3904LT1

**Indicates factory-selected value*

HP Part Number E4400-60010
Reference TCXO (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
Q102	1853-0567	1	TRANSISTOR PNP SI SOT-23 (TO-236AB)	02037	MMBT3906LT1
Q103	1853-0724	1	TRANSISTOR PNP SI TO-261AA (SOT-223)	02037	PZT2907AT1
R1	0699-3955	1	RESISTOR 2.15K +-1% .063W TKF TC=0+-200	00746	MCR03-F-2151
R2	0699-1344	1	RESISTOR 10 +-1% .125W TKF TC=0+-100	00746	MCR18-F-10R0
R3	0699-3950	1	RESISTOR 1.33K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1331
R4	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1002
R6	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R7	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1002
R8	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1002
R9	0699-3932	1	RESISTOR 215 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2150
R10	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	00746	MCR03-F-51R1
R11	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R12	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R13	0699-3932	1	RESISTOR 215 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2150
R14	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	00746	MCR03-F-51R1
R15	0699-3905	1	RESISTOR 14.7 +-1% .063W TKF TC=0+-200	00746	MCR03-F-14R7
R17	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1003
R18	0699-3915	1	RESISTOR 38.3 +-1% .063W TKF TC=0+-200	00746	MCR03-F-38R3
R25	0699-1423	1	RESISTOR 215 +-1% .125W TKF TC=0+-100	00746	MCR18-F-2150
R26	0699-1346	1	RESISTOR 12.1 +-1% .125W TKF TC=0+-100	00746	MCR18-F-12R1
R27	0699-1346	1	RESISTOR 12.1 +-1% .125W TKF TC=0+-100	00746	MCR18-F-12R1
R28	0699-1346	1	RESISTOR 12.1 +-1% .125W TKF TC=0+-100	00746	MCR18-F-12R1
R29	0699-3987	1	RESISTOR 51.1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-5112
R30	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R31	0699-3987	1	RESISTOR 51.1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-5112
R32	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1002
R33	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R34	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R35	0699-3969	1	RESISTOR 9.09K +-1% .063W TKF TC=0+-200	00746	MCR03-F-9091
R36	0699-1432	1	RESISTOR 511 +-1% .125W TKF TC=0+-100	00746	MCR18-F-5110
R37	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R38	0699-3366	1	RESISTOR 562 +-1% .065W TKF TC=0+-200	00746	MCR03-F-5620
R39	0699-3366	1	RESISTOR 562 +-1% .065W TKF TC=0+-200	00746	MCR03-F-5620
R40	0699-3977	1	RESISTOR 19.6K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1962
R41	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001

**Indicates factory-selected value*

HP Part Number E4400-60010
Reference TCXO (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R42	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1003
R43	0699-4000	1	RESISTOR 196K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1963
R44	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1002
R45	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R46	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R47	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R48	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R49	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R50	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R51	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1002
R52	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1003
R53	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R54	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R55	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R58	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1002
R59	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1002
R60	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1002
R61	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1003
R62	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	00746	MCR03-F-5111
R63	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1002
R64	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1002
R65	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1002
R66	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	00746	MCR03-F-5111
R67	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1002
R68	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1003
R69	0699-1344	1	RESISTOR 10 +-1% .125W TKF TC=0+-100	00746	MCR18-F-10R0
R70	0699-1344	1	RESISTOR 10 +-1% .125W TKF TC=0+-100	00746	MCR18-F-10R0
R74	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1002
R75	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1002
R76	0699-3928	1	RESISTOR 147 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1470
R79	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R80	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1003
R81	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1002
R82	0699-3972	1	RESISTOR 12.1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1212
R83	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001

**Indicates factory-selected value*

HP Part Number E4400-60010
Reference TCXO (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R84	0699-3990	1	RESISTOR 75K +-1% .063W TKF TC=0+-200	00746	MCR03-F-7502
R85	0699-3999	1	RESISTOR 178K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1783
R86	0699-4001	1	RESISTOR 215K +-1% .063W TKF TC=0+-200	00746	MCR03-F-2153
R87	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R88	0699-3574	1	RESISTOR 0 .0625W TKF	00746	MCR03-J-00R0
R89	0699-4001	1	RESISTOR 215K +-1% .063W TKF TC=0+-200	00746	MCR03-F-2153
R90	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1002
R93	0699-3574	1	RESISTOR 0 .0625W TKF	00746	MCR03-J-00R0
R94	0699-3574	1	RESISTOR 0 .0625W TKF	00746	MCR03-J-00R0
R95	0699-1344	1	RESISTOR 10 +-1% .125W TKF TC=0+-100	00746	MCR18-F-10R0
R100	0699-1366	1	RESISTOR 82.5 +-1% .125W TKF TC=0+-100	00746	MCR18-F-82R5
R101	0699-1366	1	RESISTOR 82.5 +-1% .125W TKF TC=0+-100	00746	MCR18-F-82R5
R102	0699-1365	1	RESISTOR 75 +-1% .125W TKF TC=0+-100	00746	MCR18-F-75R0
R103	0699-1365	1	RESISTOR 75 +-1% .125W TKF TC=0+-100	00746	MCR18-F-75R0
R104	0699-1361	1	RESISTOR 51.1 +-1% .125W TKF TC=0+-100	00746	MCR18-F-51R1
R105	0699-1361	1	RESISTOR 51.1 +-1% .125W TKF TC=0+-100	00746	MCR18-F-51R1
R106	0699-1361	1	RESISTOR 51.1 +-1% .125W TKF TC=0+-100	00746	MCR18-F-51R1
R107	0699-1365	1	RESISTOR 75 +-1% .125W TKF TC=0+-100	00746	MCR18-F-75R0
R108	0699-1365	1	RESISTOR 75 +-1% .125W TKF TC=0+-100	00746	MCR18-F-75R0
R109	0699-1351	1	RESISTOR 19.6 +-1% .125W TKF TC=0+-100	00746	MCR18-F-19R6
R110	0699-3922	1	RESISTOR 82.5 +-1% .063W TKF TC=0+-200	00746	MCR03-F-82R5
R111	0699-1422	1	RESISTOR 196 +-1% .125W TKF TC=0+-100	00746	MCR18-F-1960
R112	0699-1425	1	RESISTOR 261 +-1% .125W TKF TC=0+-100	00746	MCR18-F-2610
R113	0699-1425	1	RESISTOR 261 +-1% .125W TKF TC=0+-100	00746	MCR18-F-2610
R114	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	00746	MCR03-F-51R1
R115	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	00746	MCR03-F-51R1
R116	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	00746	MCR03-F-51R1
R118	0699-3574	1	RESISTOR 0 .0625W TKF	00746	MCR03-J-00R0
R120	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1002
R121	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1002
R122	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1002
R123	0699-1416	1	RESISTOR 110 +-1% .125W TKF TC=0+-100	00746	MCR18-F-1100
R124	0699-1417	1	RESISTOR 121 +-1% .125W TKF TC=0+-100	00746	MCR18-F-1210
R125	0699-1427	1	RESISTOR 316 +-1% .125W TKF TC=0+-100	00746	MCR18-F-3160
R126	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000

**Indicates factory-selected value*

HP Part Number E4400-60010
Reference TCXO (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R127	0699-3921	1	RESISTOR 75 +-1% .063W TKF TC=0+-200	00746	MCR03-F-75R0
R128	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R129	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R130	0699-1423	1	RESISTOR 215 +-1% .125W TKF TC=0+-100	00746	MCR18-F-2150
R131	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1003
R132	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1002
R133	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R134	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R135	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R136	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R137	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1003
R140	0699-3954	1	RESISTOR 1.96K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1961
R141	0699-3987	1	RESISTOR 51.1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-5112
R142	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1002
R143	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	00746	MCR03-F-5111
R144	0699-1432	1	RESISTOR 511 +-1% .125W TKF TC=0+-100	00746	MCR18-F-5110
R145	0699-1432	1	RESISTOR 511 +-1% .125W TKF TC=0+-100	00746	MCR18-F-5110
R146	0699-3954	1	RESISTOR 1.96K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1961
R147	0699-3931	1	RESISTOR 196 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1960
R148	0699-3972	1	RESISTOR 12.1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1212
R149	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	00746	MCR03-F-5111
R150	0699-1349	1	RESISTOR 16.2 +-1% .125W TKF TC=0+-100	00746	MCR18-F-16R2
R151	0699-1349	1	RESISTOR 16.2 +-1% .125W TKF TC=0+-100	00746	MCR18-F-16R2
R152	0699-1349	1	RESISTOR 16.2 +-1% .125W TKF TC=0+-100	00746	MCR18-F-16R2
R153	0699-3932	1	RESISTOR 215 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2150
R154	0699-3972	1	RESISTOR 12.1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1212
R155	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	00746	MCR03-F-5111
R156	0699-3972	1	RESISTOR 12.1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1212
R157	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	00746	MCR03-F-5111
R158	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	00746	MCR03-F-5111
R159	0699-3367	1	RESISTOR 5.62K +-1% .0625W TKF TC=0+-200	00746	MCR03-F-5621
R160	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1002
R162	0699-3982	1	RESISTOR 31.6K +-1% .063W TKF TC=0+-200	00746	MCR03-F-3162
R163	0699-3982	1	RESISTOR 31.6K +-1% .063W TKF TC=0+-200	00746	MCR03-F-3162
R164	0699-3985	1	RESISTOR 42.2K +-1% .063W TKF TC=0+-200	00746	MCR03-F-4222

**Indicates factory-selected value*

HP Part Number E4400-60010
Reference TCXO (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R165	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R166	0699-3935	1	RESISTOR 287 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2870
R167	0699-3907	1	RESISTOR 17.8 +-1% .063W TKF TC=0+-200	00746	MCR03-F-17R8
R168	0699-3935	1	RESISTOR 287 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2870
R169	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R200	0699-1318	1	RESISTOR 1K +-1% .125W TKF TC=0+-100	00746	MCR18-F-1001
R201	0699-1344	1	RESISTOR 10 +-1% .125W TKF TC=0+-100	00746	MCR18-F-10R0
R202	0699-3765	1	RESISTOR 115 +-0.1% .125W TF TC=0+-25	01172	BLU-1206 1150 .1% 25PPM
R203	0699-2488	1	RESISTOR 100 +-0.1% .125W TF TC=0+-25	01172	BLU-1206 100R .1% 25PPM
R204	0699-2832	1	RESISTOR 200 +-0.1% .125W TF TC=0+-25	01172	BLU-1206 200R .1% 25PPM
R205	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R206	0699-2833	1	RESISTOR 300 +-0.1% .125W TF TC=0+-25	01172	BLU-1206 300R .1% 25PPM
R207	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R208	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R209	0699-3765	1	RESISTOR 115 +-0.1% .125W TF TC=0+-25	01172	BLU-1206 1150 .1% 25PPM
R210	0699-2488	1	RESISTOR 100 +-0.1% .125W TF TC=0+-25	01172	BLU-1206 100R .1% 25PPM
R211	0699-2832	1	RESISTOR 200 +-0.1% .125W TF TC=0+-25	01172	BLU-1206 200R .1% 25PPM
R212	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R213	0699-2833	1	RESISTOR 300 +-0.1% .125W TF TC=0+-25	01172	BLU-1206 300R .1% 25PPM
R214	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R215	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R216	0699-2490	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	01172	BLU-1206 1K .1% 25PPM
R218	0699-2490	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	01172	BLU-1206 1K .1% 25PPM
R220	0699-1344	1	RESISTOR 10 +-1% .125W TKF TC=0+-100	00746	MCR18-F-10R0
R221	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R224	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1002
R226	0699-1785	1	RESISTOR 13.3K +-1% .125W TKF TC=0+-100	00746	MCR18-F-1332
R227	0699-2847	1	RESISTOR 2K +-0.1% .125W TF TC=0+-25	01172	BLU-1206 2K .1% 25PPM
R229	0699-2847	1	RESISTOR 2K +-0.1% .125W TF TC=0+-25	01172	BLU-1206 2K .1% 25PPM
R230	0699-2827	1	RESISTOR 900 +-0.1% .125W TF TC=0+-25	01172	BLU-1206 900R .1% 25PPM
R231	0699-2828	1	RESISTOR 1.5K +-0.1% .125W TF TC=0+-25	01172	BLU-1206 1K5 .1% 25PPM
R232	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1002
R233	0699-3966	1	RESISTOR 6.81K +-1% .063W TKF TC=0+-200	00746	MCR03-F-6811
R234	0699-3960	1	RESISTOR 3.48K +-1% .063W TKF TC=0+-200	00746	MCR03-F-3481
R235	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001

**Indicates factory-selected value*

HP Part Number E4400-60010
Reference TCXO (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R236	0699-3986	1	RESISTOR 46.4K +-1% .063W TKF TC=0+-200	00746	MCR03-F-4642
R237	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1003
R238	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1002
R241	0699-1415	1	RESISTOR 100 +-1% .125W TKF TC=0+-100	00746	MCR18-F-1000
R242	0698-3618	1	RESISTOR 82 +-5% 2W MO TC=0+-200	02499	GS-382R0
R243	0699-3950	1	RESISTOR 1.33K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1331
R244	0699-3945	1	RESISTOR 825 +-1% .063W TKF TC=0+-200	00746	MCR03-F-8250
R245	0699-1415	1	RESISTOR 100 +-1% .125W TKF TC=0+-100	00746	MCR18-F-1000
R246	0699-3949	1	RESISTOR 1.21K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1211
R247	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1002
R249	0699-3909	1	RESISTOR 21.5 +-1% .063W TKF TC=0+-200	00746	MCR03-F-21R5
R250	0699-2823	1	RESISTOR 8K +-0.1% .125W TF TC=0+-25	01172	BLU-1206 8K .1% 25PPM
R251	0699-2847	1	RESISTOR 2K +-0.1% .125W TF TC=0+-25	01172	BLU-1206 2K .1% 25PPM
R252	0699-3986	1	RESISTOR 46.4K +-1% .063W TKF TC=0+-200	00746	MCR03-F-4642
R253	0699-3986	1	RESISTOR 46.4K +-1% .063W TKF TC=0+-200	00746	MCR03-F-4642
R254	0699-3955	1	RESISTOR 2.15K +-1% .063W TKF TC=0+-200	00746	MCR03-F-2151
R255	0699-1344	1	RESISTOR 10 +-1% .125W TKF TC=0+-100	00746	MCR18-F-10R0
R256	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R257	0699-1344	1	RESISTOR 10 +-1% .125W TKF TC=0+-100	00746	MCR18-F-10R0
R258	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1003
R259	0699-3949	1	RESISTOR 1.21K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1211
R260	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1002
R261	0699-4012	1	RESISTOR 681K +-1% .063W TKF TC=0+-200	00746	MCR03-F-6813
R262	0699-3939	1	RESISTOR 422 +-1% .063W TKF TC=0+-200	00746	MCR03-EZH-F-4220
R264	0699-3912	1	RESISTOR 28.7 +-1% .063W TKF TC=0+-200	00746	MCR03-F-28R7
R265	0699-3912	1	RESISTOR 28.7 +-1% .063W TKF TC=0+-200	00746	MCR03-F-28R7
R270	0699-3917	1	RESISTOR 46.4 +-1% .063W TKF TC=0+-200	00746	MCR03-F-46R4
R275	0699-3917	1	RESISTOR 46.4 +-1% .063W TKF TC=0+-200	00746	MCR03-F-46R4
R280	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1002
R281	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1002
R282	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1002
R283	0699-3974	1	RESISTOR 14.7K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1472
R284	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R285	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R286	0699-3974	1	RESISTOR 14.7K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1472

**Indicates factory-selected value*

HP Part Number E4400-60010
Reference TCXO (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R301	0699-3997	1	RESISTOR 147K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1473
R302	0699-1318	1	RESISTOR 1K +-1% .125W TKF TC=0+-100	00746	MCR18-F-1001
R303	0699-4009	1	RESISTOR 464K +-1% .063W TKF TC=0+-200	00746	MCR03-F-4643
R305	0699-4009	1	RESISTOR 464K +-1% .063W TKF TC=0+-200	00746	MCR03-F-4643
R306	0699-3987	1	RESISTOR 51.1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-5112
R307	0699-3981	1	RESISTOR 28.7K +-1% .063W TKF TC=0+-200	00746	MCR03-F-2872
R310	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1002
R311	0699-3959	1	RESISTOR 3.16K +-1% .063W TKF TC=0+-200	00746	MCR03-F-3161
R312	0699-3981	1	RESISTOR 28.7K +-1% .063W TKF TC=0+-200	00746	MCR03-F-2872
R313	0699-4009	1	RESISTOR 464K +-1% .063W TKF TC=0+-200	00746	MCR03-F-4643
R315	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	00746	MCR03-F-2152
R316	0699-2843	1	RESISTOR 100K +-0.1% .125W TF TC=0+-25	01172	BLU-1206 100K .1% 25PPM
R317	0699-2843	1	RESISTOR 100K +-0.1% .125W TF TC=0+-25	01172	BLU-1206 100K .1% 25PPM
R319	0699-4009	1	RESISTOR 464K +-1% .063W TKF TC=0+-200	00746	MCR03-F-4643
R320	0699-4009	1	RESISTOR 464K +-1% .063W TKF TC=0+-200	00746	MCR03-F-4643
R321	0699-3987	1	RESISTOR 51.1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-5112
R322	0699-3981	1	RESISTOR 28.7K +-1% .063W TKF TC=0+-200	00746	MCR03-F-2872
R323	0699-3981	1	RESISTOR 28.7K +-1% .063W TKF TC=0+-200	00746	MCR03-F-2872
R324	0699-4009	1	RESISTOR 464K +-1% .063W TKF TC=0+-200	00746	MCR03-F-4643
R326	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R327	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1002
R328	0699-3997	1	RESISTOR 147K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1473
R329	0699-3959	1	RESISTOR 3.16K +-1% .063W TKF TC=0+-200	00746	MCR03-F-3161
R330	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	00746	MCR03-F-2152
R331	0699-3985	1	RESISTOR 42.2K +-1% .063W TKF TC=0+-200	00746	MCR03-F-4222
R334	0699-3967	1	RESISTOR 7.5K +-1% .063W TKF TC=0+-200	00746	MCR03-F-7501
R335	0699-3985	1	RESISTOR 42.2K +-1% .063W TKF TC=0+-200	00746	MCR03-F-4222
R339	0699-4016	1	RESISTOR 1M +-1% .063W TKF TC=0+-200	00746	MCR03-F-1004
R340	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	00746	MCR03-F-5111
R341	0699-1447	1	RESISTOR 261K +-1% .125W TKF TC=0+-100	00746	MCR18-F-2613
R342	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	00746	MCR03-F-5111
R343	0699-1327	1	RESISTOR 1M +-1% .125W TKF TC=0+-100	00746	MCR18-F-1004
R344	0699-1447	1	RESISTOR 261K +-1% .125W TKF TC=0+-100	00746	MCR18-F-2613
R346	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R347	0699-3958	1	RESISTOR 2.87K +-1% .063W TKF TC=0+-200	00746	MCR03-F-2871

**Indicates factory-selected value*

HP Part Number E4400-60010
Reference TCXO (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R348	0699-3940	1	RESISTOR 464 +-1% .063W TKF TC=0+-200	00746	MCR03-F-4640
R349	0699-3967	1	RESISTOR 7.5K +-1% .063W TKF TC=0+-200	00746	MCR03-F-7501
R351	0699-3967	1	RESISTOR 7.5K +-1% .063W TKF TC=0+-200	00746	MCR03-F-7501
R352	0699-3940	1	RESISTOR 464 +-1% .063W TKF TC=0+-200	00746	MCR03-F-4640
R353	0699-3967	1	RESISTOR 7.5K +-1% .063W TKF TC=0+-200	00746	MCR03-F-7501
R354	0699-4016	1	RESISTOR 1M +-1% .063W TKF TC=0+-200	00746	MCR03-F-1004
R355	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	00746	MCR03-F-5111
R356	0699-1447	1	RESISTOR 261K +-1% .125W TKF TC=0+-100	00746	MCR18-F-2613
R357	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	00746	MCR03-F-5111
R358	0699-1447	1	RESISTOR 261K +-1% .125W TKF TC=0+-100	00746	MCR18-F-2613
R359	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R360	0699-3958	1	RESISTOR 2.87K +-1% .063W TKF TC=0+-200	00746	MCR03-F-2871
R372	0699-1327	1	RESISTOR 1M +-1% .125W TKF TC=0+-100	00746	MCR18-F-1004
TP1	1251-0600	1	CONNECTOR-SGL CONT PIN 1.14-MM-BSC-SZ SQ	03418	16-06-0034
TP2	1251-0600	1	CONNECTOR-SGL CONT PIN 1.14-MM-BSC-SZ SQ	03418	16-06-0034
TP3	1251-0600	1	CONNECTOR-SGL CONT PIN 1.14-MM-BSC-SZ SQ	03418	16-06-0034
TP4	1251-0600	1	CONNECTOR-SGL CONT PIN 1.14-MM-BSC-SZ SQ	03418	16-06-0034
TP5	1251-0600	1	CONNECTOR-SGL CONT PIN 1.14-MM-BSC-SZ SQ	03418	16-06-0034
TP6	1251-0600	1	CONNECTOR-SGL CONT PIN 1.14-MM-BSC-SZ SQ	03418	16-06-0034
TP15	1251-0600	1	CONNECTOR-SGL CONT PIN 1.14-MM-BSC-SZ SQ	03418	16-06-0034
TP200	1251-0600	1	CONNECTOR-SGL CONT PIN 1.14-MM-BSC-SZ SQ	03418	16-06-0034
TP205	1251-0600	1	CONNECTOR-SGL CONT PIN 1.14-MM-BSC-SZ SQ	03418	16-06-0034
TP206	1251-0600	1	CONNECTOR-SGL CONT PIN 1.14-MM-BSC-SZ SQ	03418	16-06-0034
U1	1826-1687	1	IC PWR MGT-V-REF-FXD 9.95/10.05V 8 PINS	10858	LT1021DCS8-10
U2	1813-0835	1	PRECISION TCVCXOPRECISION TCVCXO	02483	970-4302-1
U5	1820-5950	1	IC INV CMOS/AC HEX	01698	SN74AC04AD
U6	1820-5945	1	IC GATE CMOS/AC NAND QUAD 2-INP	02037	MC74AC00D
U7	1820-5054	1	IC MV CMOS/HC MONOSTBL RETRIG DUAL	02237	MM74HC123AMX
U9	1826-1838	1	IC PWR MGT-V-REF-FXD 4.95/5.05V 8 PINS	10858	LT1021DCS8-5
U10	1820-5945	1	IC GATE CMOS/AC NAND QUAD 2-INP	02037	MC74AC00D
U11	1820-6391	1	IC GATE CMOS/AC EXCL-OR QUAD 2-INP	02237	74AC86SCX.
U12	1826-1622	1	IC OP AMP LOW-BIAS-H-IMPD QUAD 14 PIN	01698	TL074CD
U13	1826-1687	1	IC PWR MGT-V-REF-FXD 9.95/10.05V 8 PINS	10858	LT1021DCS8-10
U14	1820-5951	1	IC GATE CMOS/AC AND QUAD 2-INP	02037	MC74AC08D
U15	1818-5236	1	IC 4K-BIT EEPROM 500-NS CMOS	02237	NM93C66M8X

**Indicates factory-selected value*

HP Part Number E4400-60010
Reference TCXO (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
U16	1820-6752	1	IC-ASIC GT-ARY CMOS 6206 PLCC	03406	SCX6206TQM/V2
U17	1820-5934	1	IC DCDR-DEMUXR CMOS/AC BIN 8-TO-1-LINE	02037	MC74AC138D
U18	1820-5804	1	IC SHF-RGTR CMOS/HC SYNC/ASYNC	01698	SN74HC165D
U19	1820-5804	1	IC SHF-RGTR CMOS/HC SYNC/ASYNC	01698	SN74HC165D
U20	1820-6277	1	IC SHF-RGTR CMOS/HC SYNC/ASYNC SERIAL-IN	01698	SN74HC595D
U21	1820-6277	1	IC SHF-RGTR CMOS/HC SYNC/ASYNC SERIAL-IN	01698	SN74HC595D
U22	1820-6277	1	IC SHF-RGTR CMOS/HC SYNC/ASYNC SERIAL-IN	01698	SN74HC595D
U23	1820-6277	1	IC SHF-RGTR CMOS/HC SYNC/ASYNC SERIAL-IN	01698	SN74HC595D
U24	1826-1619	1	D/A 8-BIT 20-PLCC CMOS	03285	AD7528JP
U25	1826-1622	1	IC OP AMP LOW-BIAS-H-IMPD QUAD 14 PIN	01698	TL074CD
U26	1826-2149	1	ANALOG SWITCH 4 SPST 16 -P-SOIC	02883	DG444DY
U27	1820-5936	1	IC GATE CMOS/AC OR QUAD 2-INP	02037	MC74AC32D
U28	1820-5937	1	IC FF CMOS/AC D-TYPE POS-EDGE-TRIG	02037	MC74AC74D
U30	1821-1938	1	IC CNTR CMOS BIN ASYNCHRO NEG-EDGE-TRIG	02037	MC14060BD
U31	1826-1402	1	IC PWR MGT-V-REG-FXD-POS 4.8/5.2V 8 PINS	01698	UA78L05ACD
U32	1820-5937	1	IC FF CMOS/AC D-TYPE POS-EDGE-TRIG	02037	MC74AC74D
U100	1826-2204	1	IC RF/IF AMPL SINGLE 4 PIN U-WAVE-PILL	01542	MSA-0686
U101	1826-2175	1	IC RF/IF AMPL SINGLE 4 PIN U-WAVE-PILL	01542	HPMA-0386T15
U102	1826-2204	1	IC RF/IF AMPL SINGLE 4 PIN U-WAVE-PILL	01542	MSA-0686
U103	1820-5937	1	IC FF CMOS/AC D-TYPE POS-EDGE-TRIG	02037	MC74AC74D
U104	1820-5945	1	IC GATE CMOS/AC NAND QUAD 2-INP	02037	MC74AC00D
U105	1826-1925	1	IC OP AMP LOW-NOISE SINGLE 8 PIN	03285	OP-27GS
U106	1826-1838	1	IC PWR MGT-V-REF-FXD 4.95/5.05V 8 PINS	10858	LT1021DCS8-5
U107	1826-1528	1	IC COMPARATOR LP QUAD 14 PIN PLSTC-SOIC	01698	LM339DR
U108	1820-7218	1	IC CNTR CMOS/AC BIN SYNCHRO	02037	MC74AC163D
U109	1820-8762	1	IC-ASIC CL-BSD CMOS 64020 PLCC	02037	SC64020FN
U200	1826-1985	1	ANALOG SWITCH 4 SPST 16 -P-SOIC	02883	DG411DY
U201	1826-3329	1	IC OP AMP VID-SPCL-FCTN SINGLE 8 PIN	03285	AD818AR
U202	1826-2147	1	ANALOG MULTIPLEXER 8 CHNL 16 -P-SOIC	02883	DG408DY
U203	1826-2147	1	ANALOG MULTIPLEXER 8 CHNL 16 -P-SOIC	02883	DG408DY
U204	1826-1619	1	D/A 8-BIT 20-PLCC CMOS	03285	AD7528JP
U205	1826-3000	1	IC AUDIO AMPL LOW-NOISE DUAL 8 PIN	03285	OP275GS
U206	1826-1810	1	IC OP AMP LOW-BIAS-H-IMPD SINGLE 8 PIN	01698	TL071CD
U207	1826-3329	1	IC OP AMP VID-SPCL-FCTN SINGLE 8 PIN	03285	AD818AR
U208	1826-2147	1	ANALOG MULTIPLEXER 8 CHNL 16 -P-SOIC	02883	DG408DY

**Indicates factory-selected value*

HP Part Number E4400-60010
Reference TCXO (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
U209	1826-1594	1	IC COMPARATOR GP SINGLE 8 PIN PLSTC-SOIC	02910	LM311D
U210	1826-2147	1	ANALOG MULTIPLEXER 8 CHNL 16 -P-SOIC	02883	DG408DY
U211	1826-3000	1	IC AUDIO AMPL LOW-NOISE DUAL 8 PIN	03285	OP275GS
U212	1826-1808	1	IC BFR HS 8 PIN DIP-P	03406	LM6321N
U213	1826-2147	1	ANALOG MULTIPLEXER 8 CHNL 16 -P-SOIC	02883	DG408DY
U214	1826-2147	1	ANALOG MULTIPLEXER 8 CHNL 16 -P-SOIC	02883	DG408DY
U215	1826-1899	1	D/A 12-BIT 28-PLCC CMOS	03285	AD7547JP
U216	1826-3000	1	IC AUDIO AMPL LOW-NOISE DUAL 8 PIN	03285	OP275GS
U217	1826-3000	1	IC AUDIO AMPL LOW-NOISE DUAL 8 PIN	03285	OP275GS
U219	1826-1899	1	D/A 12-BIT 28-PLCC CMOS	03285	AD7547JP
U221	1826-3329	1	IC OP AMP VID-SPCL-FCTN SINGLE 8 PIN	03285	AD818AR
U222	1826-2961	1	IC OP AMP GP SINGLE 8 PIN PLSTC-SOIC	03285	AD817AR
U300	1826-2147	1	ANALOG MULTIPLEXER 8 CHNL 16 -P-SOIC	02883	DG408DY
U301	1826-1622	1	IC OP AMP LOW-BIAS-H-IMPD QUAD 14 PIN	01698	TL074CD
U303	1826-1619	1	D/A 8-BIT 20-PLCC CMOS	03285	AD7528JP
U304	1826-1862	1	IC OP AMP LOW-BIAS-H-IMPD DUAL 8 PIN	01698	TL072CD
U305	1826-1572	1	IC COMPARATOR PRCN DUAL 8 PIN PLSTC-SOIC	01698	LM393D
U306	1820-5054	1	IC MV CMOS/HC MONOSTBL RETRIG DUAL	02237	MM74HC123AMX
U308	1820-5951	1	IC GATE CMOS/AC AND QUAD 2-INP	02037	MC74AC08D
U309	1820-5945	1	IC GATE CMOS/AC NAND QUAD 2-INP	02037	MC74AC00D
U312	1826-1572	1	IC COMPARATOR PRCN DUAL 8 PIN PLSTC-SOIC	01698	LM393D
U314	1820-5945	1	IC GATE CMOS/AC NAND QUAD 2-INP	02037	MC74AC00D
U315	1820-5054	1	IC MV CMOS/HC MONOSTBL RETRIG DUAL	02237	MM74HC123AMX
W100	E4400-20022	1	CBL-RF (63010)	28480	E4400-20022

**Indicates factory-selected value*

Component-Level Information Packet for E4400-60139

Reference OCXO (Option 1E5)



HP Part No. E4400-90161
Printed in USA September 1999

Notice. The information contained in this document is subject to change without notice.

Hewlett-Packard makes no warranty of any kind with regard to this material, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Hewlett-Packard shall not be liable for errors contained herein or for incidental or consequential damages in connection with the furnishing, performance, or use of this material.

©Copyright Hewlett-Packard Company 1999
All Rights Reserved. Reproduction, adaptation, or translation without prior written permission is prohibited, except as allowed under the copyright laws.

HP Part Number E4400-60139
Reference OCXO (Option 1E5)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C1	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C2	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608C0G1H471J
C3	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C4	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C5	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C6	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C7	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012C0G1H102JT
C8	0160-7766	1	CAP-FXD 820pF +-5% 50 V CER C0G	12340	C0805C821J5GAC
C9	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C10	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C11	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C12	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C13	0160-7855	1	CAP-FXD 33pF +-5% 50 V CER C0G	02010	06035A330JAT
C14	0160-7869	1	CAP-FXD 680pF +-10% 50 V CER X7R	02010	06035C681KAT
C15	0160-7405	1	CAP-FXD 560pF +-5% 50 V CER C0G	06352	C2012C0G1H561J
C16	0160-7405	1	CAP-FXD 560pF +-5% 50 V CER C0G	06352	C2012C0G1H561J
C17	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C18	0180-4116	1	CAP-FXD 22uF +-20% 20 V TA	02010	TAJD226M020
C19	0180-3752	1	CAP-FXD 3.3uF +-20% 35 V TA	00039	NRD335M35R12
C20	0180-3750	1	CAP-FXD 0.47uF +-20% 35 V TA	00039	NRS474M35R8
C21	0160-6735	1	CAP-FXD 4700pF +-10% 50 V CER X7R	02010	12065C472KAT A
C22	0160-6735	1	CAP-FXD 4700pF +-10% 50 V CER X7R	02010	12065C472KAT A
C23	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C24	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C25	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C26	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C27	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C28	0160-7842	1	CAP-FXD 150pF +-5% 50 V CER C0G	02010	06035A151JAT
C29	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C30	0160-6736	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C3216X7R1H103K
C31	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C32	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C33	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C34	0180-4228	1	CAP-FXD 47uF +-20% 10 V TA	02010	TAJD476M010
C35	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K

**Indicates factory-selected value*

HP Part Number E4400-60139
Reference OCXO (Option 1E5) (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C36	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C37	0180-4228	1	CAP-FXD 47uF +-20% 10 V TA	02010	TAJD476M010
C38	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C40	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C41	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C42	0180-3753	1	CAP-FXD 6.8uF +-20% 35 V TA	00039	NRD685M35R12
C43	0180-4116	1	CAP-FXD 22uF +-20% 20 V TA	02010	TAJD226M020
C45	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C46	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C47	0180-3753	1	CAP-FXD 6.8uF +-20% 35 V TA	00039	NRD685M35R12
C48	0180-4116	1	CAP-FXD 22uF +-20% 20 V TA	02010	TAJD226M020
C49	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C50	0180-4274	1	CAP-FXD 4.7uF +-20% 50 V TA	12340	T491D475M050AS
C51	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C52	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C53	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C54	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C55	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C56	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C57	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C58	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C59	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C60	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C61	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C62	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C63	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C64	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C65	0180-3848	1	CAP-FXD 33uF +-10% 16 V TA	12340	T398H336K016AS
C66	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C67	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C68	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C69	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C70	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C71	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C72	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K

**Indicates factory-selected value*

HP Part Number E4400-60139
Reference OCXO (Option 1E5) (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C73	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C77	0160-7842	1	CAP-FXD 150pF +-5% 50 V CER C0G	02010	06035A151JAT
C78	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C79	0160-7842	1	CAP-FXD 150pF +-5% 50 V CER C0G	02010	06035A151JAT
C80	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C81	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C82	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C83	0160-7830	1	CAP-FXD 1pF +-25% 50 V CER C0G	02010	06035A1R0CAT
C84	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C85	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C86	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C87	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C108	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C109	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C110	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C111	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C112	0160-7833	1	CAP-FXD 1.8pF +-13.89% 50 V CER C0G	02010	06035A1R8CAT
C113	0160-7833	1	CAP-FXD 1.8pF +-13.89% 50 V CER C0G	02010	06035A1R8CAT
C114	0160-7853	1	CAP-FXD 3.3pF +-7.6% 50 V CER C0G	02010	06035A3R3CAT
C116	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C117	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C118	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C119	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C120	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C121	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C122	0160-7712	1	CAP-FXD 1500pF +-10% 50 V CER X7R	02010	06035C152KATRA
C123	0160-7781	1	CAP-FXD 2200pF +-10% 50 V CER X7R	06352	C1608X7R1H222KT
C124	0160-7781	1	CAP-FXD 2200pF +-10% 50 V CER X7R	06352	C1608X7R1H222KT
C125	0160-7712	1	CAP-FXD 1500pF +-10% 50 V CER X7R	02010	06035C152KATRA
C126	0160-7781	1	CAP-FXD 2200pF +-10% 50 V CER X7R	06352	C1608X7R1H222KT
C127	0160-7781	1	CAP-FXD 2200pF +-10% 50 V CER X7R	06352	C1608X7R1H222KT
C130	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C131	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C132	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C134	0160-7807	1	CAP-FXD 0.012uF +-10% 50 V CER X7R	06352	C1608X7R1H123K

**Indicates factory-selected value*

HP Part Number E4400-60139
Reference OCXO (Option 1E5) (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C136	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C137	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C138	0180-4116	1	CAP-FXD 22uF +-20% 20 V TA	02010	TAJD226M020
C139	0180-3752	1	CAP-FXD 3.3uF +-20% 35 V TA	00039	NRD335M35R12
C140	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C141	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C142	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C143	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C144	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C145	0160-6407	1	CAP-FXD 1uF +-5% 25 V CER X7R	02010	22253C105JAT A
C147	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C148	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C149	0160-6407	1	CAP-FXD 1uF +-5% 25 V CER X7R	02010	22253C105JAT A
C150	0160-6407	1	CAP-FXD 1uF +-5% 25 V CER X7R	02010	22253C105JAT A
C151	0160-6407	1	CAP-FXD 1uF +-5% 25 V CER X7R	02010	22253C105JAT A
C152	0160-6407	1	CAP-FXD 1uF +-5% 25 V CER X7R	02010	22253C105JAT A
C156	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C159	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	12340	C0603C240J5GAC
C164	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	12340	C0603C240J5GAC
C165	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	12340	C0603C240J5GAC
C166	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	12340	C0603C240J5GAC
C167	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	12340	C0603C240J5GAC
C168	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	12340	C0603C240J5GAC
C169	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	12340	C0603C240J5GAC
C170	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	12340	C0603C240J5GAC
C171	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	12340	C0603C240J5GAC
C172	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	12340	C0603C240J5GAC
C173	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C174	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	12340	C0603C240J5GAC
C175	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	12340	C0603C240J5GAC
C176	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	12340	C0603C240J5GAC
C177	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	12340	C0603C240J5GAC
C178	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	12340	C0603C240J5GAC
C179	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	12340	C0603C240J5GAC
C180	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	12340	C0603C240J5GAC

**Indicates factory-selected value*

HP Part Number E4400-60139
Reference OCXO (Option 1E5) (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C181	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	12340	C0603C240J5GAC
C182	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	12340	C0603C240J5GAC
C183	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C184	0180-4116	1	CAP-FXD 22uF +-20% 20 V TA	02010	TAJD226M020
C185	0180-3752	1	CAP-FXD 3.3uF +-20% 35 V TA	00039	NRD335M35R12
C190	0160-7950	1	CAP-FXD 0.068uF +-10% 50 V CER X7R	12340	C0805C683K5RAC
C191	0180-4228	1	CAP-FXD 47uF +-20% 10 V TA	02010	TAJD476M010
C195	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C196	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C197	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C198	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C200	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C201	0160-7830	1	CAP-FXD 1pF +-25% 50 V CER C0G	02010	06035A1R0CAT
C202	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C203	0160-7830	1	CAP-FXD 1pF +-25% 50 V CER C0G	02010	06035A1R0CAT
C204	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C205	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C206	0160-7308	1	CAP-FXD 3.3uF +-10% 50 V POLYE-MET	11892	MMK5335K50TR18
C207	0160-7308	1	CAP-FXD 3.3uF +-10% 50 V POLYE-MET	11892	MMK5335K50TR18
C208	0160-7748	1	CAP-FXD 1000pF +-10% 50 V CER X7R	12340	C0603C102K5RAC
C209	0160-7781	1	CAP-FXD 2200pF +-10% 50 V CER X7R	06352	C1608X7R1H222KT
C210	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C211	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C212	0160-7748	1	CAP-FXD 1000pF +-10% 50 V CER X7R	12340	C0603C102K5RAC
C213	0160-7748	1	CAP-FXD 1000pF +-10% 50 V CER X7R	12340	C0603C102K5RAC
C215	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C216	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C217	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C218	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C219	0160-7781	1	CAP-FXD 2200pF +-10% 50 V CER X7R	06352	C1608X7R1H222KT
C220	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C221	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C222	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C223	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C224	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K

**Indicates factory-selected value*

HP Part Number E4400-60139
Reference OCXO (Option 1E5) (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C225	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C226	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C227	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C228	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C230	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C231	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C232	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C234	0160-7969	1	CAP-FXD 13pF +-5% 50 V CER C0G	12340	C0603C130J5GAC
C235	0160-7969	1	CAP-FXD 13pF +-5% 50 V CER C0G	12340	C0603C130J5GAC
C238	0160-7748	1	CAP-FXD 1000pF +-10% 50 V CER X7R	12340	C0603C102K5RAC
C239	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C240	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C241	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C242	0160-7850	1	CAP-FXD 27pF +-5% 50 V CER C0G	02010	06035A270JAT
C243	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C244	0160-7860	1	CAP-FXD 4.7pF +-5.31% 50 V CER C0G	02010	06035A4R7CAT
C245	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C246	0160-7748	1	CAP-FXD 1000pF +-10% 50 V CER X7R	12340	C0603C102K5RAC
C257	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C258	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C260	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C261	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C262	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C301	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C302	0160-5469	1	CAP-FXD 1uF +-10% 50 V POLYE-MET	05524	MKT 1826-1UF 10% 63VDC
C303	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C304	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C305	0160-4535	1	CAP-FXD 1uF +-10% 50 V CER X7R	09939	RPE113-130X7R105K50V
C306	0160-5469	1	CAP-FXD 1uF +-10% 50 V POLYE-MET	05524	MKT 1826-1UF 10% 63VDC
C307	0160-4535	1	CAP-FXD 1uF +-10% 50 V CER X7R	09939	RPE113-130X7R105K50V
C308	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C309	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C310	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C311	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C312	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K

**Indicates factory-selected value*

HP Part Number E4400-60139
Reference OCXO (Option 1E5) (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C313	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C314	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C315	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C316	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C317	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C318	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C319	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C320	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C321	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C324	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C325	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C326	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C328	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C329	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
CR1	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR2	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR3	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR4	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR5	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR6	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR8	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR9	1900-0074	1	DIODE-SCHOTTKY SM SIG	01542	1900-0074
CR10	1900-0074	1	DIODE-SCHOTTKY SM SIG	01542	1900-0074
CR11	1900-0074	1	DIODE-SCHOTTKY SM SIG	01542	1900-0074
CR12	1900-0074	1	DIODE-SCHOTTKY SM SIG	01542	1900-0074
CR13	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR14	1900-0074	1	DIODE-SCHOTTKY SM SIG	01542	1900-0074
CR15	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR17	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR19	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR101	1900-0096	1	DIODE-PIN	01542	1900-0096
CR102	1900-0096	1	DIODE-PIN	01542	1900-0096
CR103	1900-0074	1	DIODE-SCHOTTKY SM SIG	01542	1900-0074
CR200	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR201	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99

**Indicates factory-selected value*

HP Part Number E4400-60139
Reference OCXO (Option 1E5) (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
CR204	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR205	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR206	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR207	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR300	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR301	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR303	1900-0078	1	DIODE-SCHOTTKY SM SIG	01542	HSMS-2800
CR304	1900-0245	1	DIODE-SCHOTTKY SM SIG	01542	HSMS-2805
CR305	1900-0078	1	DIODE-SCHOTTKY SM SIG	01542	HSMS-2800
CR306	1900-0245	1	DIODE-SCHOTTKY SM SIG	01542	HSMS-2805
CR307	1900-0078	1	DIODE-SCHOTTKY SM SIG	01542	HSMS-2800
CR308	1900-0078	1	DIODE-SCHOTTKY SM SIG	01542	HSMS-2800
CR309	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR311	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR312	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR313	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
FL1	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL2	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL3	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL4	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL5	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL6	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL7	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL8	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL9	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL100	1813-1264	1	CLK-OSC-XTAL PRC 1000.00-MHZ	12127	HO4001
FL101	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL103	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
J2	1251-4670	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	13369	68000-603
J30	1251-4670	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	13369	68000-603
L1	9140-1101	1	INDUCTOR 470nH +-5% 2.8W-mmX3.4LG-mm	09891	KL32TER47J
L2	9140-1112	1	INDUCTOR 8.2uH +-5% 3.4W-mmX4.8LG-mm	06352	NL453232-8R2J-3
L3	9140-1103	1	INDUCTOR 680nH +-5% 2.8W-mmX3.4LG-mm	06352	NL322522T-R68J
L4	9140-1117	1	INDUCTOR 47uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-470J-3
L5	9140-1105	1	INDUCTOR 1uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-1R0J-3

**Indicates factory-selected value*

HP Part Number E4400-60139
Reference OCXO (Option 1E5) (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
L6	9140-1113	1	INDUCTOR 10uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-100J-3
L7	9100-3922	1	INDUCTOR-FIXED Z > 1200 OHMS 120 TO 650	03273	51-088
L8	9140-1113	1	INDUCTOR 10uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-100J-3
L9	9140-1600	1	INDUCTOR 1.2uH +-5% 2.8W-mmX3.4LG-mm	06352	NL322522T-1R2J
L10	9140-1113	1	INDUCTOR 10uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-100J-3
L11	9140-1527	1	INDUCTOR 1.8uH +-5% 2.8W-mmX3.4LG-mm	06352	NL322522T-1R8J
L12	9140-1113	1	INDUCTOR 10uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-100J-3
L13	9140-1113	1	INDUCTOR 10uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-100J-3
L106	9140-1206	1	INDUCTOR 100nH +-5% 2.8W-mmX3.4LG-mm	06352	NL322522T-R10J
L107	9140-1206	1	INDUCTOR 100nH +-5% 2.8W-mmX3.4LG-mm	06352	NL322522T-R10J
L108	9140-1206	1	INDUCTOR 100nH +-5% 2.8W-mmX3.4LG-mm	06352	NL322522T-R10J
L109	9140-1206	1	INDUCTOR 100nH +-5% 2.8W-mmX3.4LG-mm	06352	NL322522T-R10J
L110	9140-1557	1	INDUCTOR 10nH +10% -10% 2.8W-mmX3.4LG-mm	03273	SM3-010K-1
L111	9140-1561	1	INDUCTOR 22nH +5% -5% 2.8W-mmX3.4LG-mm	03273	SM3-022J-1
L112	9140-1557	1	INDUCTOR 10nH +10% -10% 2.8W-mmX3.4LG-mm	03273	SM3-010K-1
L118	9140-1206	1	INDUCTOR 100nH +-5% 2.8W-mmX3.4LG-mm	06352	NL322522T-R10J
L119	9140-1117	1	INDUCTOR 47uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-470J-3
L120	9140-1117	1	INDUCTOR 47uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-470J-3
L121	9140-1121	1	INDUCTOR 100uH +-5% 3.4W-mmX4.8LG-mm	06352	NL453232-101J-3
L122	9140-1121	1	INDUCTOR 100uH +-5% 3.4W-mmX4.8LG-mm	06352	NL453232-101J-3
L123	9140-1421	1	INDUCTOR 27uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-270J-3
L124	9140-1421	1	INDUCTOR 27uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-270J-3
L125	9140-1121	1	INDUCTOR 100uH +-5% 3.4W-mmX4.8LG-mm	06352	NL453232-101J-3
L300	9140-1418	1	INDUCTOR 2.7uH +-5% 3.4W-mmX4.8LG-mm	06352	NL453232-2R7J-3
MP3	5002-2401	1	EXT LVL RIGHT	28480	5002-2401
MP4	5002-2402	1	EXT LVL LEFT	28480	5002-2402
MP5	8160-0448	1	RFI ROUND STRIP BE-CU SN-PL .062-IN-OD	10840	SS-04
MP6	E4400-20113	1	SHIELD-TOP	28480	E4400-20113
MP7	E4400-20114	1	SHIELD-BOTTOM	28480	E4400-20114
MP8	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP9	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP10	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP11	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP12	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP13	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383

HP Part Number E4400-60139
Reference OCXO (Option 1E5) (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
MP14	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP15	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP16	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP17	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP18	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP19	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP20	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP21	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP22	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
P1	1252-1506	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	01380	535512-2
P2	1252-6521	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	01380	2-535512-2
P3	1252-1506	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	01380	535512-2
P5	1258-0209	1	JUMPER-REMOVABLE 2 POSITION; .250 IN	01380	382811-6
P6	1258-0209	1	JUMPER-REMOVABLE 2 POSITION; .250 IN	01380	382811-6
Q1	1854-1037	1	TRANSISTOR NPN SI TO-236AA PD=350MW	36633	MMBT3904LT1
Q2	1854-1037	1	TRANSISTOR NPN SI TO-236AA PD=350MW	36633	MMBT3904LT1
Q3	1854-1037	1	TRANSISTOR NPN SI TO-236AA PD=350MW	36633	MMBT3904LT1
Q4	1854-1037	1	TRANSISTOR NPN SI TO-236AA PD=350MW	36633	MMBT3904LT1
Q5	1854-1037	1	TRANSISTOR NPN SI TO-236AA PD=350MW	36633	MMBT3904LT1
Q6	1854-1037	1	TRANSISTOR NPN SI TO-236AA PD=350MW	36633	MMBT3904LT1
Q9	1853-0724	1	TRANSISTOR PNP SI TO-261AA (SOT-223)	02910	PZT2907A
Q10	1854-1095	1	TRANSISTOR NPN SI SOT-23 (TO-236AB)	36633	MMBT2369LT1
Q11	1854-1188	1	TRANSISTOR NPN SI SOT-23 (TO-236AB)	12125	KST4401
Q12	1853-0580	1	TRANSISTOR PNP SI SOT-23 (TO-236AB)	36633	MMBT4403LT1
Q101	1854-1037	1	TRANSISTOR NPN SI TO-236AA PD=350MW	36633	MMBT3904LT1
Q102	1853-0567	1	TRANSISTOR PNP SI SOT-23 (TO-236AB)	36633	MMBT3906LT1
Q103	1853-0724	1	TRANSISTOR PNP SI TO-261AA (SOT-223)	02910	PZT2907A
Q104	1853-0724	1	TRANSISTOR PNP SI TO-261AA (SOT-223)	02910	PZT2907A
R1	0699-3955	1	RESISTOR 2.15K +-1% .063W TKF TC=0+-200	09891	RK73H1J2151F
R2	0699-1344	1	RESISTOR 10 +-1% .125W TKF TC=0+-100	09891	RK73H2BT10R0F
R3	0699-3950	1	RESISTOR 1.33K +-1% .063W TKF TC=0+-200	09891	RK73H1J1331F
R4	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R5	0699-1363	1	RESISTOR 61.9 +-1% .125W TKF TC=0+-100	05524	CRCW120661R9F
R6	0699-3933	1	RESISTOR 237 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2370
R7	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F

**Indicates factory-selected value*

HP Part Number E4400-60139
Reference OCXO (Option 1E5) (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R8	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R9	0699-3932	1	RESISTOR 215 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2150
R10	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R11	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R12	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R13	0699-3932	1	RESISTOR 215 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2150
R14	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R15	0699-3905	1	RESISTOR 14.7 +-1% .063W TKF TC=0+-200	09891	RK73H1J14R7F
R17	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	09891	RK73H1J1003F
R18	0699-3915	1	RESISTOR 38.3 +-1% .063W TKF TC=0+-200	09891	RK73H1J38R3F
R25	0699-1423	1	RESISTOR 215 +-1% .125W TKF TC=0+-100	05524	CRCW12062150F
R26	0699-1346	1	RESISTOR 12.1 +-1% .125W TKF TC=0+-100	05524	CRCW120612R1F
R27	0699-1346	1	RESISTOR 12.1 +-1% .125W TKF TC=0+-100	05524	CRCW120612R1F
R28	0699-1346	1	RESISTOR 12.1 +-1% .125W TKF TC=0+-100	05524	CRCW120612R1F
R29	0699-3987	1	RESISTOR 51.1K +-1% .063W TKF TC=0+-200	09891	RK73H1J5112F
R30	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R31	0699-3987	1	RESISTOR 51.1K +-1% .063W TKF TC=0+-200	09891	RK73H1J5112F
R32	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R33	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R34	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R35	0699-3969	1	RESISTOR 9.09K +-1% .063W TKF TC=0+-200	09891	RK73H1J9091F
R36	0699-1432	1	RESISTOR 511 +-1% .125W TKF TC=0+-100	00746	MCR18-F-5110
R37	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R38	0699-3366	1	RESISTOR 562 +-1% .065W TKF TC=0+-200	09891	RK73H1J5620F
R39	0699-3366	1	RESISTOR 562 +-1% .065W TKF TC=0+-200	09891	RK73H1J5620F
R40	0699-3977	1	RESISTOR 19.6K +-1% .063W TKF TC=0+-200	09891	RK73H1J1962F
R41	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R42	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	09891	RK73H1J1003F
R43	0699-4000	1	RESISTOR 196K +-1% .063W TKF TC=0+-200	09891	RK73H1J1963F
R44	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R45	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R46	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R47	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R48	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R49	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110

**Indicates factory-selected value*

HP Part Number E4400-60139
Reference OCXO (Option 1E5) (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R50	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R51	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R52	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	09891	RK73H1J1003F
R53	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R54	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R55	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R58	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R59	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R60	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R61	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	09891	RK73H1J1003F
R62	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	09891	RK73H1J5111F
R63	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R64	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R65	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R66	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	09891	RK73H1J5111F
R67	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R68	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	09891	RK73H1J1003F
R69	0699-1344	1	RESISTOR 10 +-1% .125W TKF TC=0+-100	09891	RK73H2BT10R0F
R70	0699-1344	1	RESISTOR 10 +-1% .125W TKF TC=0+-100	09891	RK73H2BT10R0F
R74	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R75	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R76	0699-3928	1	RESISTOR 147 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1470
R79	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R80	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	09891	RK73H1J1003F
R81	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R82	0699-3972	1	RESISTOR 12.1K +-1% .063W TKF TC=0+-200	09891	RK73H1J1212F
R83	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R84	0699-3990	1	RESISTOR 75K +-1% .063W TKF TC=0+-200	09891	RK73H1J7502F
R85	0699-3999	1	RESISTOR 178K +-1% .063W TKF TC=0+-200	09891	RK73H1J1783F
R86	0699-4001	1	RESISTOR 215K +-1% .063W TKF TC=0+-200	09891	RK73H1J2153F
R87	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R89	0699-4001	1	RESISTOR 215K +-1% .063W TKF TC=0+-200	09891	RK73H1J2153F
R90	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R91	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R92	0699-3963	1	RESISTOR 4.64K +-1% .063W TKF TC=0+-200	09891	RK73H1J4641F

**Indicates factory-selected value*

HP Part Number E4400-60139
Reference OCXO (Option 1E5) (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R94	0699-3574	1	RESISTOR 0 .0625W TKF	09891	RM73Z1JT
R95	0699-1344	1	RESISTOR 10 +-1% .125W TKF TC=0+-100	09891	RK73H2BT10R0F
R114	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R115	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R116	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R118	0699-3574	1	RESISTOR 0 .0625W TKF	09891	RM73Z1JT
R120	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R121	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R122	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R123	0699-1416	1	RESISTOR 110 +-1% .125W TKF TC=0+-100	05524	CRCW12061100F
R124	0699-1417	1	RESISTOR 121 +-1% .125W TKF TC=0+-100	09891	RK73H2BT1210F
R125	0699-1427	1	RESISTOR 316 +-1% .125W TKF TC=0+-100	09891	RK73H2BT3160F
R126	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R127	0699-3921	1	RESISTOR 75 +-1% .063W TKF TC=0+-200	00746	MCR03-F-75R0
R128	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R129	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R130	0699-1423	1	RESISTOR 215 +-1% .125W TKF TC=0+-100	05524	CRCW12062150F
R131	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	09891	RK73H1J1003F
R132	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R133	0699-3936	1	RESISTOR 316 +-1% .063W TKF TC=0+-200	00746	MCR03-F-3160
R134	0699-2832	1	RESISTOR 200 +-0.1% .125W TF TC=0+-25	02499	W1206R032000BT
R135	0699-3936	1	RESISTOR 316 +-1% .063W TKF TC=0+-200	00746	MCR03-F-3160
R136	0699-2832	1	RESISTOR 200 +-0.1% .125W TF TC=0+-25	02499	W1206R032000BT
R137	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	09891	RK73H1J1003F
R140	0699-3958	1	RESISTOR 2.87K +-1% .063W TKF TC=0+-200	09891	RK73H1J2871F
R141	0699-3987	1	RESISTOR 51.1K +-1% .063W TKF TC=0+-200	09891	RK73H1J5112F
R142	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R146	0699-3960	1	RESISTOR 3.48K +-1% .063W TKF TC=0+-200	09891	RK73H1J3481F
R147	0699-3936	1	RESISTOR 316 +-1% .063W TKF TC=0+-200	00746	MCR03-F-3160
R148	0699-2489	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	02499	W1206R031002BT
R150	0699-1349	1	RESISTOR 16.2 +-1% .125W TKF TC=0+-100	09891	RK73H2BT16R2F
R151	0699-1349	1	RESISTOR 16.2 +-1% .125W TKF TC=0+-100	09891	RK73H2BT16R2F
R152	0699-1349	1	RESISTOR 16.2 +-1% .125W TKF TC=0+-100	09891	RK73H2BT16R2F
R153	0699-3932	1	RESISTOR 215 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2150
R154	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	09891	RK73H1J5111F

**Indicates factory-selected value*

HP Part Number E4400-60139
Reference OCXO (Option 1E5) (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R155	0699-3972	1	RESISTOR 12.1K +-1% .063W TKF TC=0+-200	09891	RK73H1J1212F
R156	0699-3972	1	RESISTOR 12.1K +-1% .063W TKF TC=0+-200	09891	RK73H1J1212F
R157	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	09891	RK73H1J5111F
R158	0699-3969	1	RESISTOR 9.09K +-1% .063W TKF TC=0+-200	09891	RK73H1J9091F
R159	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J2152F
R160	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R161	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J2152F
R162	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R163	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R164	0699-2489	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	02499	W1206R031002BT
R166	0699-3935	1	RESISTOR 287 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2870
R167	0699-3907	1	RESISTOR 17.8 +-1% .063W TKF TC=0+-200	09891	RK73H1J17R8F
R168	0699-3935	1	RESISTOR 287 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2870
R169	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R170	0699-1349	1	RESISTOR 16.2 +-1% .125W TKF TC=0+-100	09891	RK73H2BT16R2F
R171	0699-1349	1	RESISTOR 16.2 +-1% .125W TKF TC=0+-100	09891	RK73H2BT16R2F
R172	0699-1349	1	RESISTOR 16.2 +-1% .125W TKF TC=0+-100	09891	RK73H2BT16R2F
R173	0699-3932	1	RESISTOR 215 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2150
R200	0699-1318	1	RESISTOR 1K +-1% .125W TKF TC=0+-100	00746	MCR18-F-1001
R201	0699-1344	1	RESISTOR 10 +-1% .125W TKF TC=0+-100	09891	RK73H2BT10R0F
R202	0699-3765	1	RESISTOR 115 +-0.1% .125W TF TC=0+-25	02499	W1206-R03-1150-B
R203	0699-2488	1	RESISTOR 100 +-0.1% .125W TF TC=0+-25	02499	W1206R031000BT
R204	0699-2832	1	RESISTOR 200 +-0.1% .125W TF TC=0+-25	02499	W1206R032000BT
R205	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R206	0699-2833	1	RESISTOR 300 +-0.1% .125W TF TC=0+-25	01172	BLU-1206 300R .1% 25PPM
R207	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R208	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R209	0699-3765	1	RESISTOR 115 +-0.1% .125W TF TC=0+-25	02499	W1206-R03-1150-B
R210	0699-2488	1	RESISTOR 100 +-0.1% .125W TF TC=0+-25	02499	W1206R031000BT
R211	0699-2832	1	RESISTOR 200 +-0.1% .125W TF TC=0+-25	02499	W1206R032000BT
R212	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R213	0699-2833	1	RESISTOR 300 +-0.1% .125W TF TC=0+-25	01172	BLU-1206 300R .1% 25PPM
R214	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R215	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R216	0699-2490	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	02499	W1206R031001BT

**Indicates factory-selected value*

HP Part Number E4400-60139
Reference OCXO (Option 1E5) (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R218	0699-2490	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	02499	W1206R031001BT
R220	0699-1344	1	RESISTOR 10 +-1% .125W TKF TC=0+-100	09891	RK73H2BT10R0F
R221	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R224	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R226	0699-1785	1	RESISTOR 13.3K +-1% .125W TKF TC=0+-100	05524	CRCW12061332F
R227	0699-2847	1	RESISTOR 2K +-0.1% .125W TF TC=0+-25	01172	BLU-1206 2K .1% 25PPM
R229	0699-2847	1	RESISTOR 2K +-0.1% .125W TF TC=0+-25	01172	BLU-1206 2K .1% 25PPM
R230	0699-2827	1	RESISTOR 900 +-0.1% .125W TF TC=0+-25	02499	W1206R039000BT
R231	0699-2828	1	RESISTOR 1.5K +-0.1% .125W TF TC=0+-25	01172	BLU-1206 1K5 .1% 25PPM
R232	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R233	0699-3966	1	RESISTOR 6.81K +-1% .063W TKF TC=0+-200	09891	RK73H1J6811F
R234	0699-3960	1	RESISTOR 3.48K +-1% .063W TKF TC=0+-200	09891	RK73H1J3481F
R235	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R236	0699-3986	1	RESISTOR 46.4K +-1% .063W TKF TC=0+-200	09891	RK73H1J4642F
R237	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	09891	RK73H1J1003F
R238	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R241	0699-1415	1	RESISTOR 100 +-1% .125W TKF TC=0+-100	05524	CRCW12061000F
R242	0698-3618	1	RESISTOR 82 +-5% 2W MO TC=0+-200	02499	GS-382R0
R243	0699-3950	1	RESISTOR 1.33K +-1% .063W TKF TC=0+-200	09891	RK73H1J1331F
R244	0699-3945	1	RESISTOR 825 +-1% .063W TKF TC=0+-200	00746	MCR03-F-8250
R245	0699-1415	1	RESISTOR 100 +-1% .125W TKF TC=0+-100	05524	CRCW12061000F
R246	0699-3949	1	RESISTOR 1.21K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1211
R247	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R249	0699-3909	1	RESISTOR 21.5 +-1% .063W TKF TC=0+-200	09891	RK73H1J21R5F
R250	0699-2823	1	RESISTOR 8K +-0.1% .125W TF TC=0+-25	02499	W1206R038001BT
R251	0699-2847	1	RESISTOR 2K +-0.1% .125W TF TC=0+-25	01172	BLU-1206 2K .1% 25PPM
R252	0699-3986	1	RESISTOR 46.4K +-1% .063W TKF TC=0+-200	09891	RK73H1J4642F
R253	0699-3986	1	RESISTOR 46.4K +-1% .063W TKF TC=0+-200	09891	RK73H1J4642F
R254	0699-3955	1	RESISTOR 2.15K +-1% .063W TKF TC=0+-200	09891	RK73H1J2151F
R255	0699-1344	1	RESISTOR 10 +-1% .125W TKF TC=0+-100	09891	RK73H2BT10R0F
R256	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R257	0699-1344	1	RESISTOR 10 +-1% .125W TKF TC=0+-100	09891	RK73H2BT10R0F
R258	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	09891	RK73H1J1003F
R259	0699-3949	1	RESISTOR 1.21K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1211
R260	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F

**Indicates factory-selected value*

HP Part Number E4400-60139
Reference OCXO (Option 1E5) (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R261	0699-4012	1	RESISTOR 681K +-1% .063W TKF TC=0+-200	09891	RK73H1J6813F
R262	0699-3939	1	RESISTOR 422 +-1% .063W TKF TC=0+-200	00746	MCR03-EZH-F-4220
R264	0699-3912	1	RESISTOR 28.7 +-1% .063W TKF TC=0+-200	05524	CRCW060328R7F
R265	0699-3912	1	RESISTOR 28.7 +-1% .063W TKF TC=0+-200	05524	CRCW060328R7F
R270	0699-3917	1	RESISTOR 46.4 +-1% .063W TKF TC=0+-200	09891	RK73H1J46R4F
R275	0699-3917	1	RESISTOR 46.4 +-1% .063W TKF TC=0+-200	09891	RK73H1J46R4F
R280	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R281	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R282	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R283	0699-3974	1	RESISTOR 14.7K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1472
R284	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R285	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R286	0699-3974	1	RESISTOR 14.7K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1472
R301	0699-3997	1	RESISTOR 147K +-1% .063W TKF TC=0+-200	09891	RK73H1J1473F
R302	0699-1318	1	RESISTOR 1K +-1% .125W TKF TC=0+-100	00746	MCR18-F-1001
R303	0699-4009	1	RESISTOR 464K +-1% .063W TKF TC=0+-200	09891	RK73H1J4643F
R305	0699-4009	1	RESISTOR 464K +-1% .063W TKF TC=0+-200	09891	RK73H1J4643F
R306	0699-3987	1	RESISTOR 51.1K +-1% .063W TKF TC=0+-200	09891	RK73H1J5112F
R307	0699-3981	1	RESISTOR 28.7K +-1% .063W TKF TC=0+-200	09891	RK73H1J2872F
R310	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R311	0699-3959	1	RESISTOR 3.16K +-1% .063W TKF TC=0+-200	00746	MCR03-F-3161
R312	0699-3981	1	RESISTOR 28.7K +-1% .063W TKF TC=0+-200	09891	RK73H1J2872F
R313	0699-4009	1	RESISTOR 464K +-1% .063W TKF TC=0+-200	09891	RK73H1J4643F
R315	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J2152F
R316	0699-2843	1	RESISTOR 100K +-0.1% .125W TF TC=0+-25	01172	BLU-1206 100K .1% 25PPM
R317	0699-2843	1	RESISTOR 100K +-0.1% .125W TF TC=0+-25	01172	BLU-1206 100K .1% 25PPM
R319	0699-4009	1	RESISTOR 464K +-1% .063W TKF TC=0+-200	09891	RK73H1J4643F
R320	0699-4009	1	RESISTOR 464K +-1% .063W TKF TC=0+-200	09891	RK73H1J4643F
R321	0699-3987	1	RESISTOR 51.1K +-1% .063W TKF TC=0+-200	09891	RK73H1J5112F
R322	0699-3981	1	RESISTOR 28.7K +-1% .063W TKF TC=0+-200	09891	RK73H1J2872F
R323	0699-3981	1	RESISTOR 28.7K +-1% .063W TKF TC=0+-200	09891	RK73H1J2872F
R324	0699-4009	1	RESISTOR 464K +-1% .063W TKF TC=0+-200	09891	RK73H1J4643F
R326	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R327	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R328	0699-3997	1	RESISTOR 147K +-1% .063W TKF TC=0+-200	09891	RK73H1J1473F

**Indicates factory-selected value*

HP Part Number E4400-60139
Reference OCXO (Option 1E5) (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R329	0699-3959	1	RESISTOR 3.16K +-1% .063W TKF TC=0+-200	00746	MCR03-F-3161
R330	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J2152F
R331	0699-3985	1	RESISTOR 42.2K +-1% .063W TKF TC=0+-200	09891	RK73H1J4222F
R334	0699-3967	1	RESISTOR 7.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J7501F
R335	0699-3985	1	RESISTOR 42.2K +-1% .063W TKF TC=0+-200	09891	RK73H1J4222F
R339	0699-4016	1	RESISTOR 1M +-1% .063W TKF TC=0+-200	00746	MCR03-F-1004
R340	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	09891	RK73H1J5111F
R341	0699-1447	1	RESISTOR 261K +-1% .125W TKF TC=0+-100	09891	RK73H2BT2613F
R342	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	09891	RK73H1J5111F
R343	0699-1327	1	RESISTOR 1M +-1% .125W TKF TC=0+-100	09891	RK73H2BT1004F
R344	0699-1447	1	RESISTOR 261K +-1% .125W TKF TC=0+-100	09891	RK73H2BT2613F
R346	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R347	0699-3958	1	RESISTOR 2.87K +-1% .063W TKF TC=0+-200	09891	RK73H1J2871F
R348	0699-3940	1	RESISTOR 464 +-1% .063W TKF TC=0+-200	09891	RK73H1J4640F
R349	0699-3967	1	RESISTOR 7.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J7501F
R351	0699-3967	1	RESISTOR 7.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J7501F
R352	0699-3940	1	RESISTOR 464 +-1% .063W TKF TC=0+-200	09891	RK73H1J4640F
R353	0699-3967	1	RESISTOR 7.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J7501F
R354	0699-4016	1	RESISTOR 1M +-1% .063W TKF TC=0+-200	00746	MCR03-F-1004
R355	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	09891	RK73H1J5111F
R356	0699-1447	1	RESISTOR 261K +-1% .125W TKF TC=0+-100	09891	RK73H2BT2613F
R357	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	09891	RK73H1J5111F
R358	0699-1447	1	RESISTOR 261K +-1% .125W TKF TC=0+-100	09891	RK73H2BT2613F
R359	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R360	0699-3958	1	RESISTOR 2.87K +-1% .063W TKF TC=0+-200	09891	RK73H1J2871F
R372	0699-1327	1	RESISTOR 1M +-1% .125W TKF TC=0+-100	09891	RK73H2BT1004F
U1	1826-1687	1	IC PWR MGT-V-REF-FXD 9.95/10.05V 8 PINS	10858	LT1021DCS8-10
U4	1813-1065	1	CLK-OSC-XTAL STD 10.000-MHZ 0.05%	00278	1813-1065
U5	1820-5950	1	IC INV CMOS/AC HEX 14-SOIC	02237	74AC04SCX
U6	1820-5945	1	IC GATE CMOS/AC NAND QUAD 2-INP	36633	MC74AC00D
U7	1820-5054	1	IC MV CMOS/HC MONOSTBL RETRIG DUAL	06354	TC74HC123AFN
U9	1826-1838	1	IC PWR MGT-V-REF-FXD 4.95/5.05V 8 PINS	10858	LT1021DCS8-5
U10	1820-5945	1	IC GATE CMOS/AC NAND QUAD 2-INP	36633	MC74AC00D
U11	1820-6391	1	IC GATE CMOS/AC EXCL-OR QUAD 2-INP	02237	74AC86SCX.
U12	1826-1622	1	IC OP AMP LOW-BIAS-H-IMPD QUAD 14 PIN	01698	TL074CD

**Indicates factory-selected value*

HP Part Number E4400-60139
Reference OCXO (Option 1E5) (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
U13	1826-1687	1	IC PWR MGT-V-REF-FXD 9.95/10.05V 8 PINS	10858	LT1021DCS8-10
U14	1820-5951	1	IC GATE CMOS/AC AND QUAD 2-INP	36633	MC74AC08DR2
U15	1818-5236	1	IC 4K-BIT EEPROM 500-NS CMOS	04078	M93C66-MN6
U16	1820-6752	1	IC-ASIC GT-ARY CMOS 6206 PLCC	03406	SCX6206TQM/V2
U17	1820-5934	1	IC DCDR-DEMUXR CMOS/AC BIN 8-TO-1-LINE	36633	MC74AC138DR2
U18	1820-5804	1	IC SHF-RGTR CMOS/HC SYNC/ASYNC	01698	SN74HC165D
U19	1820-5804	1	IC SHF-RGTR CMOS/HC SYNC/ASYNC	01698	SN74HC165D
U20	1820-6277	1	IC SHF-RGTR CMOS/HC SYNC/ASYNC SERIAL-IN	02237	MM74HC595M
U21	1820-6277	1	IC SHF-RGTR CMOS/HC SYNC/ASYNC SERIAL-IN	02237	MM74HC595M
U22	1820-6277	1	IC SHF-RGTR CMOS/HC SYNC/ASYNC SERIAL-IN	02237	MM74HC595M
U23	1820-6277	1	IC SHF-RGTR CMOS/HC SYNC/ASYNC SERIAL-IN	02237	MM74HC595M
U24	1826-1619	1	D/A 8-BIT 20-PLCC CMOS	03285	AD7528JP
U25	1826-1622	1	IC OP AMP LOW-BIAS-H-IMPD QUAD 14 PIN	01698	TL074CD
U26	1826-2149	1	ANALOG SWITCH 4 SPST 16 -P-SOIC	02883	DG444DY
U27	1820-5936	1	IC GATE CMOS/AC OR QUAD 2-INP	36633	MC74AC32DR2
U28	1820-5937	1	IC FF CMOS/AC D-TYPE POS-EDGE-TRIG	02237	74AC74SC.
U30	1821-1938	1	IC CNTR CMOS BIN ASYNCHRO NEG-EDGE-TRIG	36633	MC14060BD
U31	1826-1402	1	IC PWR MGT-V-REG-FXD-POS 4.8/5.2V 8 PINS	03406	LM78L05ACM
U32	1820-5937	1	IC FF CMOS/AC D-TYPE POS-EDGE-TRIG	02237	74AC74SC.
U101	1826-2175	1	IC RF/IF AMPL SINGLE 4 PIN U-WAVE-PILL	01542	HPMA-0386T15
U102	1826-2204	1	IC RF/IF AMPL SINGLE 4 PIN U-WAVE-PILL	01542	MSA-0686
U103	1820-5937	1	IC FF CMOS/AC D-TYPE POS-EDGE-TRIG	02237	74AC74SC.
U104	1820-5945	1	IC GATE CMOS/AC NAND QUAD 2-INP	36633	MC74AC00D
U105	1826-1925	1	IC OP AMP LOW-NOISE SINGLE 8 PIN	03285	OP-27GS
U106	1826-1838	1	IC PWR MGT-V-REF-FXD 4.95/5.05V 8 PINS	10858	LT1021DCS8-5
U107	1826-1528	1	IC COMPARATOR LP QUAD 14 PIN PLSTC-SOIC	03406	LM339M
U108	1820-7218	1	IC CNTR CMOS/AC BIN SYNCHRO	02237	74AC163SCX.
U109	1821-4291	1	IC-ASIC CL-BSD CMOS 64046 PLCC	02037	SC64046FNR2
U110	1826-1838	1	IC PWR MGT-V-REF-FXD 4.95/5.05V 8 PINS	10858	LT1021DCS8-5
U200	1826-1985	1	ANALOG SWITCH 4 SPST 16 -P-SOIC	02883	DG411DY
U201	1826-3329	1	IC OP AMP VID-SPCL-FCTN SINGLE 8 PIN	03285	AD818AR
U202	1826-2147	1	ANALOG MULTIPLEXER 8 CHNL 16 -P-SOIC	02883	DG408DY
U203	1826-2147	1	ANALOG MULTIPLEXER 8 CHNL 16 -P-SOIC	02883	DG408DY
U204	1826-1619	1	D/A 8-BIT 20-PLCC CMOS	03285	AD7528JP
U205	1826-3000	1	IC AUDIO AMPL LOW-NOISE DUAL 8 PIN	03285	OP275GS

**Indicates factory-selected value*

HP Part Number E4400-60139
Reference OCXO (Option 1E5) (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
U206	1826-1810	1	IC OP AMP LOW-BIAS-H-IMPD SINGLE 8 PIN	01698	TL071CD
U207	1826-3329	1	IC OP AMP VID-SPCL-FCTN SINGLE 8 PIN	03285	AD818AR
U208	1826-2147	1	ANALOG MULTIPLEXER 8 CHNL 16 -P-SOIC	02883	DG408DY
U209	1826-1594	1	IC COMPARATOR GP SINGLE 8 PIN PLSTC-SOIC	03406	LM311M
U210	1826-2147	1	ANALOG MULTIPLEXER 8 CHNL 16 -P-SOIC	02883	DG408DY
U211	1826-3000	1	IC AUDIO AMPL LOW-NOISE DUAL 8 PIN	03285	OP275GS
U212	1826-1808	1	IC BFR HS 8 PIN DIP-P	03406	LM6321N
U213	1826-2147	1	ANALOG MULTIPLEXER 8 CHNL 16 -P-SOIC	02883	DG408DY
U214	1826-2147	1	ANALOG MULTIPLEXER 8 CHNL 16 -P-SOIC	02883	DG408DY
U215	1826-1899	1	D/A 12-BIT 28-PLCC CMOS	03285	AD7547JP
U216	1826-3000	1	IC AUDIO AMPL LOW-NOISE DUAL 8 PIN	03285	OP275GS
U217	1826-3000	1	IC AUDIO AMPL LOW-NOISE DUAL 8 PIN	03285	OP275GS
U219	1826-1899	1	D/A 12-BIT 28-PLCC CMOS	03285	AD7547JP
U221	1826-3329	1	IC OP AMP VID-SPCL-FCTN SINGLE 8 PIN	03285	AD818AR
U222	1826-2961	1	IC OP AMP GP SINGLE 8 PIN PLSTC-SOIC	03285	AD817AR
U300	1826-2147	1	ANALOG MULTIPLEXER 8 CHNL 16 -P-SOIC	02883	DG408DY
U301	1826-1622	1	IC OP AMP LOW-BIAS-H-IMPD QUAD 14 PIN	01698	TL074CD
U303	1826-1619	1	D/A 8-BIT 20-PLCC CMOS	03285	AD7528JP
U304	1826-1862	1	IC OP AMP LOW-BIAS-H-IMPD DUAL 8 PIN	04078	TL072CD
U305	1826-1572	1	IC COMPARATOR PRCN DUAL 8 PIN PLSTC-SOIC	02910	LM393D
U306	1820-5054	1	IC MV CMOS/HC MONOSTBL RETRIG DUAL	06354	TC74HC123AFN
U308	1820-5951	1	IC GATE CMOS/AC AND QUAD 2-INP	36633	MC74AC08DR2
U309	1820-5945	1	IC GATE CMOS/AC NAND QUAD 2-INP	36633	MC74AC00D
U312	1826-1572	1	IC COMPARATOR PRCN DUAL 8 PIN PLSTC-SOIC	02910	LM393D
U314	1820-5945	1	IC GATE CMOS/AC NAND QUAD 2-INP	36633	MC74AC00D
U315	1820-5054	1	IC MV CMOS/HC MONOSTBL RETRIG DUAL	06354	TC74HC123AFN

**Indicates factory-selected value*

Component-Level Information Packet for E4400-60140

Reference TCXO



HP Part No. E4400-90160
Printed in USA September 1999

Notice. The information contained in this document is subject to change without notice.

Hewlett-Packard makes no warranty of any kind with regard to this material, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Hewlett-Packard shall not be liable for errors contained herein or for incidental or consequential damages in connection with the furnishing, performance, or use of this material.

©Copyright Hewlett-Packard Company 1999
All Rights Reserved. Reproduction, adaptation, or translation without prior written permission is prohibited, except as allowed under the copyright laws.

HP Part Number E4400-60140
Reference TCXO

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C1	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C2	0160-7842	1	CAP-FXD 150pF +-5% 50 V CER C0G	02010	06035A151JAT
C3	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C4	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C5	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C6	0160-5944	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	02010	08055C473KAT A
C7	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012C0G1H102JT
C8	0160-7766	1	CAP-FXD 820pF +-5% 50 V CER C0G	12340	C0805C821J5GAC
C9	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C10	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C11	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C12	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C13	0160-7855	1	CAP-FXD 33pF +-5% 50 V CER C0G	02010	06035A330JAT
C14	0160-7869	1	CAP-FXD 680pF +-10% 50 V CER X7R	02010	06035C681KAT
C15	0160-7405	1	CAP-FXD 560pF +-5% 50 V CER C0G	06352	C2012C0G1H561J
C16	0160-7405	1	CAP-FXD 560pF +-5% 50 V CER C0G	06352	C2012C0G1H561J
C17	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C18	0180-4116	1	CAP-FXD 22uF +-20% 20 V TA	02010	TAJD226M020
C19	0180-3752	1	CAP-FXD 3.3uF +-20% 35 V TA	00039	NRD335M35R12
C20	0180-3750	1	CAP-FXD 0.47uF +-20% 35 V TA	00039	NRS474M35R8
C21	0160-6735	1	CAP-FXD 4700pF +-10% 50 V CER X7R	02010	12065C472KAT A
C22	0160-6735	1	CAP-FXD 4700pF +-10% 50 V CER X7R	02010	12065C472KAT A
C23	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C24	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C25	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C26	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C27	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C28	0160-7842	1	CAP-FXD 150pF +-5% 50 V CER C0G	02010	06035A151JAT
C29	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C30	0160-8091	1	CAP-FXD 0.22uF +-5% 25 V CER X7R	12340	C1206C224J5RAC
C31	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C32	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C33	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C34	0180-4228	1	CAP-FXD 47uF +-20% 10 V TA	02010	TAJD476M010
C35	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K

**Indicates factory-selected value*

HP Part Number E4400-60140
Reference TCXO (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C36	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C37	0180-4228	1	CAP-FXD 47uF +-20% 10 V TA	02010	TAJD476M010
C38	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C40	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C41	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C42	0180-3753	1	CAP-FXD 6.8uF +-20% 35 V TA	00039	NRD685M35R12
C43	0180-4116	1	CAP-FXD 22uF +-20% 20 V TA	02010	TAJD226M020
C45	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C46	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C47	0180-3753	1	CAP-FXD 6.8uF +-20% 35 V TA	00039	NRD685M35R12
C48	0180-4116	1	CAP-FXD 22uF +-20% 20 V TA	02010	TAJD226M020
C49	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C50	0180-4274	1	CAP-FXD 4.7uF +-20% 50 V TA	12340	T491D475M050AS
C51	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C52	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C53	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C54	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C55	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C56	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C57	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C58	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C59	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C60	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C61	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C62	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C63	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C64	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C65	0180-3848	1	CAP-FXD 33uF +-10% 16 V TA	12340	T398H336K016AS
C66	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C67	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C68	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C69	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C70	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C71	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C72	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K

**Indicates factory-selected value*

HP Part Number E4400-60140
Reference TCXO (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C73	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C77	0160-7842	1	CAP-FXD 150pF +-5% 50 V CER C0G	02010	06035A151JAT
C78	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C79	0160-7842	1	CAP-FXD 150pF +-5% 50 V CER C0G	02010	06035A151JAT
C80	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C81	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C82	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C83	0160-7830	1	CAP-FXD 1pF +-25% 50 V CER C0G	02010	06035A1R0CAT
C84	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C85	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C86	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C87	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C108	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C109	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C110	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C111	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C112	0160-7833	1	CAP-FXD 1.8pF +-13.89% 50 V CER C0G	02010	06035A1R8CAT
C113	0160-7833	1	CAP-FXD 1.8pF +-13.89% 50 V CER C0G	02010	06035A1R8CAT
C114	0160-7853	1	CAP-FXD 3.3pF +-7.6% 50 V CER C0G	02010	06035A3R3CAT
C116	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C117	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C118	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C119	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C120	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C121	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C122	0160-7712	1	CAP-FXD 1500pF +-10% 50 V CER X7R	02010	06035C152KATRA
C123	0160-7781	1	CAP-FXD 2200pF +-10% 50 V CER X7R	06352	C1608X7R1H222KT
C124	0160-7781	1	CAP-FXD 2200pF +-10% 50 V CER X7R	06352	C1608X7R1H222KT
C125	0160-7712	1	CAP-FXD 1500pF +-10% 50 V CER X7R	02010	06035C152KATRA
C126	0160-7781	1	CAP-FXD 2200pF +-10% 50 V CER X7R	06352	C1608X7R1H222KT
C127	0160-7781	1	CAP-FXD 2200pF +-10% 50 V CER X7R	06352	C1608X7R1H222KT
C130	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C131	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C132	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C134	0160-7807	1	CAP-FXD 0.012uF +-10% 50 V CER X7R	06352	C1608X7R1H123K

**Indicates factory-selected value*

HP Part Number E4400-60140
Reference TCXO (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C136	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C137	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C138	0180-4116	1	CAP-FXD 22uF +-20% 20 V TA	02010	TAJD226M020
C139	0180-3752	1	CAP-FXD 3.3uF +-20% 35 V TA	00039	NRD335M35R12
C140	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C141	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C142	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C143	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C144	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C145	0160-6407	1	CAP-FXD 1uF +-5% 25 V CER X7R	02010	22253C105JAT A
C147	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C148	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C149	0160-6407	1	CAP-FXD 1uF +-5% 25 V CER X7R	02010	22253C105JAT A
C150	0160-6407	1	CAP-FXD 1uF +-5% 25 V CER X7R	02010	22253C105JAT A
C151	0160-6407	1	CAP-FXD 1uF +-5% 25 V CER X7R	02010	22253C105JAT A
C152	0160-6407	1	CAP-FXD 1uF +-5% 25 V CER X7R	02010	22253C105JAT A
C156	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C159	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	12340	C0603C240J5GAC
C164	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	12340	C0603C240J5GAC
C165	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	12340	C0603C240J5GAC
C166	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	12340	C0603C240J5GAC
C167	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	12340	C0603C240J5GAC
C168	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	12340	C0603C240J5GAC
C169	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	12340	C0603C240J5GAC
C170	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	12340	C0603C240J5GAC
C171	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	12340	C0603C240J5GAC
C172	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	12340	C0603C240J5GAC
C173	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C174	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	12340	C0603C240J5GAC
C175	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	12340	C0603C240J5GAC
C176	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	12340	C0603C240J5GAC
C177	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	12340	C0603C240J5GAC
C178	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	12340	C0603C240J5GAC
C179	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	12340	C0603C240J5GAC
C180	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	12340	C0603C240J5GAC

**Indicates factory-selected value*

HP Part Number E4400-60140
Reference TCXO (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C181	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	12340	C0603C240J5GAC
C182	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	12340	C0603C240J5GAC
C183	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C184	0180-4116	1	CAP-FXD 22uF +-20% 20 V TA	02010	TAJD226M020
C185	0180-3752	1	CAP-FXD 3.3uF +-20% 35 V TA	00039	NRD335M35R12
C190	0160-7950	1	CAP-FXD 0.068uF +-10% 50 V CER X7R	12340	C0805C683K5RAC
C191	0180-4228	1	CAP-FXD 47uF +-20% 10 V TA	02010	TAJD476M010
C195	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C196	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C197	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C198	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C200	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C201	0160-7830	1	CAP-FXD 1pF +-25% 50 V CER C0G	02010	06035A1R0CAT
C202	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C203	0160-7830	1	CAP-FXD 1pF +-25% 50 V CER C0G	02010	06035A1R0CAT
C204	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C205	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C206	0160-7308	1	CAP-FXD 3.3uF +-10% 50 V POLYE-MET	11892	MMK5335K50TR18
C207	0160-7308	1	CAP-FXD 3.3uF +-10% 50 V POLYE-MET	11892	MMK5335K50TR18
C208	0160-7748	1	CAP-FXD 1000pF +-10% 50 V CER X7R	12340	C0603C102K5RAC
C209	0160-7781	1	CAP-FXD 2200pF +-10% 50 V CER X7R	06352	C1608X7R1H222KT
C210	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C211	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C212	0160-7748	1	CAP-FXD 1000pF +-10% 50 V CER X7R	12340	C0603C102K5RAC
C213	0160-7748	1	CAP-FXD 1000pF +-10% 50 V CER X7R	12340	C0603C102K5RAC
C215	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C216	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C217	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C218	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C219	0160-7781	1	CAP-FXD 2200pF +-10% 50 V CER X7R	06352	C1608X7R1H222KT
C220	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C221	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C222	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C223	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C224	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K

**Indicates factory-selected value*

HP Part Number E4400-60140
Reference TCXO (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C225	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C226	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C227	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C228	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C230	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C231	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C232	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C234	0160-7969	1	CAP-FXD 13pF +-5% 50 V CER C0G	12340	C0603C130J5GAC
C235	0160-7969	1	CAP-FXD 13pF +-5% 50 V CER C0G	12340	C0603C130J5GAC
C238	0160-7748	1	CAP-FXD 1000pF +-10% 50 V CER X7R	12340	C0603C102K5RAC
C239	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C240	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C241	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C242	0160-7850	1	CAP-FXD 27pF +-5% 50 V CER C0G	02010	06035A270JAT
C243	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C244	0160-7860	1	CAP-FXD 4.7pF +-5.31% 50 V CER C0G	02010	06035A4R7CAT
C245	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C246	0160-7748	1	CAP-FXD 1000pF +-10% 50 V CER X7R	12340	C0603C102K5RAC
C257	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C258	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C260	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C261	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C262	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C301	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C302	0160-5469	1	CAP-FXD 1uF +-10% 50 V POLYE-MET	05524	MKT 1826-1UF 10% 63VDC
C303	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C304	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C305	0160-4535	1	CAP-FXD 1uF +-10% 50 V CER X7R	09939	RPE113-130X7R105K50V
C306	0160-5469	1	CAP-FXD 1uF +-10% 50 V POLYE-MET	05524	MKT 1826-1UF 10% 63VDC
C307	0160-4535	1	CAP-FXD 1uF +-10% 50 V CER X7R	09939	RPE113-130X7R105K50V
C308	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C309	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C310	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C311	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C312	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K

**Indicates factory-selected value*

HP Part Number E4400-60140
Reference TCXO (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C313	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C314	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C315	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C316	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C317	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C318	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C319	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C320	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C321	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C324	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C325	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C326	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C328	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C329	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
CR1	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR2	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR3	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR4	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR5	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR6	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR8	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR9	1900-0074	1	DIODE-SCHOTTKY SM SIG	01542	1900-0074
CR10	1900-0074	1	DIODE-SCHOTTKY SM SIG	01542	1900-0074
CR11	1900-0074	1	DIODE-SCHOTTKY SM SIG	01542	1900-0074
CR12	1900-0074	1	DIODE-SCHOTTKY SM SIG	01542	1900-0074
CR13	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR14	1900-0074	1	DIODE-SCHOTTKY SM SIG	01542	1900-0074
CR15	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR17	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR101	1900-0096	1	DIODE-PIN	01542	1900-0096
CR102	1900-0096	1	DIODE-PIN	01542	1900-0096
CR103	1900-0074	1	DIODE-SCHOTTKY SM SIG	01542	1900-0074
CR200	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR201	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR204	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16

**Indicates factory-selected value*

HP Part Number E4400-60140
Reference TCXO (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
CR205	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR206	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR207	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR300	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR301	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR303	1900-0078	1	DIODE-SCHOTTKY SM SIG	01542	HSMS-2800
CR304	1900-0245	1	DIODE-SCHOTTKY SM SIG	01542	HSMS-2805
CR305	1900-0078	1	DIODE-SCHOTTKY SM SIG	01542	HSMS-2800
CR306	1900-0245	1	DIODE-SCHOTTKY SM SIG	01542	HSMS-2805
CR307	1900-0078	1	DIODE-SCHOTTKY SM SIG	01542	HSMS-2800
CR308	1900-0078	1	DIODE-SCHOTTKY SM SIG	01542	HSMS-2800
CR309	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR311	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR312	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR313	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
FL1	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL2	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL3	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL4	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL5	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL6	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL7	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL8	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL9	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL100	1813-1264	1	CLK-OSC-XTAL PRC 1000.00-MHZ	12127	HO4001
FL101	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL103	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
J2	1251-4670	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	13369	68000-603
J30	1251-4670	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	13369	68000-603
L1	9140-1101	1	INDUCTOR 470nH +-5% 2.8W-mmX3.4LG-mm	09891	KL32TER47J
L2	9140-1112	1	INDUCTOR 8.2uH +-5% 3.4W-mmX4.8LG-mm	06352	NL453232-8R2J-3
L3	9140-1103	1	INDUCTOR 680nH +-5% 2.8W-mmX3.4LG-mm	06352	NL322522T-R68J
L4	9140-1117	1	INDUCTOR 47uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-470J-3
L5	9140-1105	1	INDUCTOR 1uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-1R0J-3
L6	9140-1113	1	INDUCTOR 10uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-100J-3

**Indicates factory-selected value*

HP Part Number E4400-60140
Reference TCXO (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
L7	9100-3922	1	INDUCTOR-FIXED Z > 1200 OHMS 120 TO 650	03273	51-088
L8	9140-1113	1	INDUCTOR 10uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-100J-3
L9	9140-1600	1	INDUCTOR 1.2uH +-5% 2.8W-mmX3.4LG-mm	06352	NL322522T-1R2J
L10	9140-1113	1	INDUCTOR 10uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-100J-3
L11	9140-1527	1	INDUCTOR 1.8uH +-5% 2.8W-mmX3.4LG-mm	06352	NL322522T-1R8J
L12	9140-1113	1	INDUCTOR 10uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-100J-3
L13	9140-1113	1	INDUCTOR 10uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-100J-3
L106	9140-1206	1	INDUCTOR 100nH +-5% 2.8W-mmX3.4LG-mm	06352	NL322522T-R10J
L107	9140-1206	1	INDUCTOR 100nH +-5% 2.8W-mmX3.4LG-mm	06352	NL322522T-R10J
L108	9140-1206	1	INDUCTOR 100nH +-5% 2.8W-mmX3.4LG-mm	06352	NL322522T-R10J
L109	9140-1206	1	INDUCTOR 100nH +-5% 2.8W-mmX3.4LG-mm	06352	NL322522T-R10J
L110	9140-1557	1	INDUCTOR 10nH +10% -10% 2.8W-mmX3.4LG-mm	03273	SM3-010K-1
L111	9140-1561	1	INDUCTOR 22nH +5% -5% 2.8W-mmX3.4LG-mm	03273	SM3-022J-1
L112	9140-1557	1	INDUCTOR 10nH +10% -10% 2.8W-mmX3.4LG-mm	03273	SM3-010K-1
L118	9140-1206	1	INDUCTOR 100nH +-5% 2.8W-mmX3.4LG-mm	06352	NL322522T-R10J
L119	9140-1117	1	INDUCTOR 47uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-470J-3
L120	9140-1117	1	INDUCTOR 47uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-470J-3
L121	9140-1121	1	INDUCTOR 100uH +-5% 3.4W-mmX4.8LG-mm	06352	NL453232-101J-3
L122	9140-1121	1	INDUCTOR 100uH +-5% 3.4W-mmX4.8LG-mm	06352	NL453232-101J-3
L123	9140-1421	1	INDUCTOR 27uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-270J-3
L124	9140-1421	1	INDUCTOR 27uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-270J-3
L125	9140-1121	1	INDUCTOR 100uH +-5% 3.4W-mmX4.8LG-mm	06352	NL453232-101J-3
L300	9140-1418	1	INDUCTOR 2.7uH +-5% 3.4W-mmX4.8LG-mm	06352	NL453232-2R7J-3
MP3	5002-2401	1	EXT LVL RIGHT	28480	5002-2401
MP4	5002-2402	1	EXT LVL LEFT	28480	5002-2402
MP5	8160-0448	1	RFI ROUND STRIP BE-CU SN-PL .062-IN-OD	10840	SS-04
MP6	E4400-20113	1	SHIELD-TOP	28480	E4400-20113
MP7	E4400-20114	1	SHIELD-BOTTOM	28480	E4400-20114
MP8	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP9	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP10	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP11	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP12	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP13	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP14	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383

**Indicates factory-selected value*

HP Part Number E4400-60140
Reference TCXO (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
MP15	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP16	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP17	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP18	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP19	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP20	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP21	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP22	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
P1	1252-1506	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	01380	535512-2
P2	1252-6521	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	01380	2-535512-2
P3	1252-1506	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	01380	535512-2
P5	1258-0209	1	JUMPER-REMOVABLE 2 POSITION; .250 IN	01380	382811-6
P6	1258-0209	1	JUMPER-REMOVABLE 2 POSITION; .250 IN	01380	382811-6
Q1	1854-1037	1	TRANSISTOR NPN SI TO-236AA PD=350MW	36633	MMBT3904LT1
Q2	1854-1037	1	TRANSISTOR NPN SI TO-236AA PD=350MW	36633	MMBT3904LT1
Q3	1854-1037	1	TRANSISTOR NPN SI TO-236AA PD=350MW	36633	MMBT3904LT1
Q4	1854-1037	1	TRANSISTOR NPN SI TO-236AA PD=350MW	36633	MMBT3904LT1
Q5	1854-1037	1	TRANSISTOR NPN SI TO-236AA PD=350MW	36633	MMBT3904LT1
Q6	1854-1037	1	TRANSISTOR NPN SI TO-236AA PD=350MW	36633	MMBT3904LT1
Q9	1853-0724	1	TRANSISTOR PNP SI TO-261AA (SOT-223)	02910	PZT2907A
Q10	1854-1095	1	TRANSISTOR NPN SI SOT-23 (TO-236AB)	36633	MMBT2369LT1
Q11	1854-1188	1	TRANSISTOR NPN SI SOT-23 (TO-236AB)	12125	KST4401
Q12	1853-0580	1	TRANSISTOR PNP SI SOT-23 (TO-236AB)	36633	MMBT4403LT1
Q101	1854-1037	1	TRANSISTOR NPN SI TO-236AA PD=350MW	36633	MMBT3904LT1
Q102	1853-0567	1	TRANSISTOR PNP SI SOT-23 (TO-236AB)	36633	MMBT3906LT1
Q103	1853-0724	1	TRANSISTOR PNP SI TO-261AA (SOT-223)	02910	PZT2907A
Q104	1853-0724	1	TRANSISTOR PNP SI TO-261AA (SOT-223)	02910	PZT2907A
R1	0699-3955	1	RESISTOR 2.15K +-1% .063W TKF TC=0+-200	09891	RK73H1J2151F
R2	0699-1344	1	RESISTOR 10 +-1% .125W TKF TC=0+-100	09891	RK73H2BT10R0F
R3	0699-3950	1	RESISTOR 1.33K +-1% .063W TKF TC=0+-200	09891	RK73H1J1331F
R4	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R6	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R7	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R8	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R9	0699-3932	1	RESISTOR 215 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2150

**Indicates factory-selected value*

HP Part Number E4400-60140
Reference TCXO (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R10	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R11	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R12	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R13	0699-3932	1	RESISTOR 215 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2150
R14	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R15	0699-3905	1	RESISTOR 14.7 +-1% .063W TKF TC=0+-200	09891	RK73H1J14R7F
R17	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	09891	RK73H1J1003F
R18	0699-3915	1	RESISTOR 38.3 +-1% .063W TKF TC=0+-200	09891	RK73H1J38R3F
R25	0699-1423	1	RESISTOR 215 +-1% .125W TKF TC=0+-100	05524	CRCW12062150F
R26	0699-1346	1	RESISTOR 12.1 +-1% .125W TKF TC=0+-100	05524	CRCW120612R1F
R27	0699-1346	1	RESISTOR 12.1 +-1% .125W TKF TC=0+-100	05524	CRCW120612R1F
R28	0699-1346	1	RESISTOR 12.1 +-1% .125W TKF TC=0+-100	05524	CRCW120612R1F
R29	0699-3987	1	RESISTOR 51.1K +-1% .063W TKF TC=0+-200	09891	RK73H1J5112F
R30	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R31	0699-3987	1	RESISTOR 51.1K +-1% .063W TKF TC=0+-200	09891	RK73H1J5112F
R32	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R33	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R34	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R35	0699-3969	1	RESISTOR 9.09K +-1% .063W TKF TC=0+-200	09891	RK73H1J9091F
R36	0699-1432	1	RESISTOR 511 +-1% .125W TKF TC=0+-100	00746	MCR18-F-5110
R37	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R38	0699-3366	1	RESISTOR 562 +-1% .065W TKF TC=0+-200	09891	RK73H1J5620F
R39	0699-3366	1	RESISTOR 562 +-1% .065W TKF TC=0+-200	09891	RK73H1J5620F
R40	0699-3977	1	RESISTOR 19.6K +-1% .063W TKF TC=0+-200	09891	RK73H1J1962F
R41	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R42	0699-3972	1	RESISTOR 12.1K +-1% .063W TKF TC=0+-200	09891	RK73H1J1212F
R43	0699-3956	1	RESISTOR 2.37K +-1% .063W TKF TC=0+-200	09891	RK73H1J2371F
R44	0699-3967	1	RESISTOR 7.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J7501F
R45	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R46	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R47	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R48	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R49	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R50	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R51	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F

**Indicates factory-selected value*

HP Part Number E4400-60140
Reference TCXO (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R52	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	09891	RK73H1J1003F
R53	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R54	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R55	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R58	0699-3962	1	RESISTOR 4.22K +-1% .063W TKF TC=0+-200	09891	RK73H1J4221F
R59	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R60	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R61	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	09891	RK73H1J1003F
R62	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	09891	RK73H1J5111F
R63	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R64	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R65	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R66	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	09891	RK73H1J5111F
R67	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R68	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	09891	RK73H1J1003F
R69	0699-1344	1	RESISTOR 10 +-1% .125W TKF TC=0+-100	09891	RK73H2BT10R0F
R70	0699-1344	1	RESISTOR 10 +-1% .125W TKF TC=0+-100	09891	RK73H2BT10R0F
R74	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R75	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R76	0699-3928	1	RESISTOR 147 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1470
R79	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R80	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	09891	RK73H1J1003F
R81	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R82	0699-3972	1	RESISTOR 12.1K +-1% .063W TKF TC=0+-200	09891	RK73H1J1212F
R83	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R84	0699-3990	1	RESISTOR 75K +-1% .063W TKF TC=0+-200	09891	RK73H1J7502F
R85	0699-3999	1	RESISTOR 178K +-1% .063W TKF TC=0+-200	09891	RK73H1J1783F
R86	0699-4001	1	RESISTOR 215K +-1% .063W TKF TC=0+-200	09891	RK73H1J2153F
R87	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R88	0699-3574	1	RESISTOR 0 .0625W TKF	09891	RM73Z1JT
R89	0699-4001	1	RESISTOR 215K +-1% .063W TKF TC=0+-200	09891	RK73H1J2153F
R90	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R91	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	09891	RK73H1J5111F
R92	0699-3966	1	RESISTOR 6.81K +-1% .063W TKF TC=0+-200	09891	RK73H1J6811F
R94	0699-3932	1	RESISTOR 215 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2150

**Indicates factory-selected value*

HP Part Number E4400-60140
Reference TCXO (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R95	0699-1344	1	RESISTOR 10 +-1% .125W TKF TC=0+-100	09891	RK73H2BT10R0F
R114	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R115	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R116	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R118	0699-3574	1	RESISTOR 0 .0625W TKF	09891	RM73Z1JT
R120	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R121	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R122	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R123	0699-1416	1	RESISTOR 110 +-1% .125W TKF TC=0+-100	05524	CRCW12061100F
R124	0699-1417	1	RESISTOR 121 +-1% .125W TKF TC=0+-100	09891	RK73H2BT1210F
R125	0699-1427	1	RESISTOR 316 +-1% .125W TKF TC=0+-100	09891	RK73H2BT3160F
R126	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R127	0699-3921	1	RESISTOR 75 +-1% .063W TKF TC=0+-200	00746	MCR03-F-75R0
R128	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R129	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R130	0699-1423	1	RESISTOR 215 +-1% .125W TKF TC=0+-100	05524	CRCW12062150F
R131	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	09891	RK73H1J1003F
R132	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R133	0699-3936	1	RESISTOR 316 +-1% .063W TKF TC=0+-200	00746	MCR03-F-3160
R134	0699-2832	1	RESISTOR 200 +-0.1% .125W TF TC=0+-25	02499	W1206R032000BT
R135	0699-3936	1	RESISTOR 316 +-1% .063W TKF TC=0+-200	00746	MCR03-F-3160
R136	0699-2832	1	RESISTOR 200 +-0.1% .125W TF TC=0+-25	02499	W1206R032000BT
R137	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	09891	RK73H1J1003F
R140	0699-3958	1	RESISTOR 2.87K +-1% .063W TKF TC=0+-200	09891	RK73H1J2871F
R141	0699-3987	1	RESISTOR 51.1K +-1% .063W TKF TC=0+-200	09891	RK73H1J5112F
R142	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R146	0699-3960	1	RESISTOR 3.48K +-1% .063W TKF TC=0+-200	09891	RK73H1J3481F
R147	0699-3936	1	RESISTOR 316 +-1% .063W TKF TC=0+-200	00746	MCR03-F-3160
R148	0699-2489	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	02499	W1206R031002BT
R150	0699-1349	1	RESISTOR 16.2 +-1% .125W TKF TC=0+-100	09891	RK73H2BT16R2F
R151	0699-1349	1	RESISTOR 16.2 +-1% .125W TKF TC=0+-100	09891	RK73H2BT16R2F
R152	0699-1349	1	RESISTOR 16.2 +-1% .125W TKF TC=0+-100	09891	RK73H2BT16R2F
R153	0699-3932	1	RESISTOR 215 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2150
R154	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	09891	RK73H1J5111F
R155	0699-3972	1	RESISTOR 12.1K +-1% .063W TKF TC=0+-200	09891	RK73H1J1212F

**Indicates factory-selected value*

HP Part Number E4400-60140
Reference TCXO (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R156	0699-3972	1	RESISTOR 12.1K +-1% .063W TKF TC=0+-200	09891	RK73H1J1212F
R157	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	09891	RK73H1J5111F
R158	0699-3969	1	RESISTOR 9.09K +-1% .063W TKF TC=0+-200	09891	RK73H1J9091F
R159	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J2152F
R160	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R161	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J2152F
R162	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R163	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R164	0699-2489	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	02499	W1206R031002BT
R166	0699-3935	1	RESISTOR 287 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2870
R167	0699-3907	1	RESISTOR 17.8 +-1% .063W TKF TC=0+-200	09891	RK73H1J17R8F
R168	0699-3935	1	RESISTOR 287 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2870
R169	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R170	0699-1349	1	RESISTOR 16.2 +-1% .125W TKF TC=0+-100	09891	RK73H2BT16R2F
R171	0699-1349	1	RESISTOR 16.2 +-1% .125W TKF TC=0+-100	09891	RK73H2BT16R2F
R172	0699-1349	1	RESISTOR 16.2 +-1% .125W TKF TC=0+-100	09891	RK73H2BT16R2F
R173	0699-3932	1	RESISTOR 215 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2150
R200	0699-1318	1	RESISTOR 1K +-1% .125W TKF TC=0+-100	00746	MCR18-F-1001
R201	0699-1344	1	RESISTOR 10 +-1% .125W TKF TC=0+-100	09891	RK73H2BT10R0F
R202	0699-3765	1	RESISTOR 115 +-0.1% .125W TF TC=0+-25	02499	W1206-R03-1150-B
R203	0699-2488	1	RESISTOR 100 +-0.1% .125W TF TC=0+-25	02499	W1206R031000BT
R204	0699-2832	1	RESISTOR 200 +-0.1% .125W TF TC=0+-25	02499	W1206R032000BT
R205	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R206	0699-2833	1	RESISTOR 300 +-0.1% .125W TF TC=0+-25	01172	BLU-1206 300R .1% 25PPM
R207	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R208	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R209	0699-3765	1	RESISTOR 115 +-0.1% .125W TF TC=0+-25	02499	W1206-R03-1150-B
R210	0699-2488	1	RESISTOR 100 +-0.1% .125W TF TC=0+-25	02499	W1206R031000BT
R211	0699-2832	1	RESISTOR 200 +-0.1% .125W TF TC=0+-25	02499	W1206R032000BT
R212	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R213	0699-2833	1	RESISTOR 300 +-0.1% .125W TF TC=0+-25	01172	BLU-1206 300R .1% 25PPM
R214	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R215	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R216	0699-2490	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	02499	W1206R031001BT
R218	0699-2490	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	02499	W1206R031001BT

**Indicates factory-selected value*

HP Part Number E4400-60140
Reference TCXO (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R220	0699-1344	1	RESISTOR 10 +-1% .125W TKF TC=0+-100	09891	RK73H2BT10R0F
R221	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R224	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R226	0699-1785	1	RESISTOR 13.3K +-1% .125W TKF TC=0+-100	05524	CRCW12061332F
R227	0699-2847	1	RESISTOR 2K +-0.1% .125W TF TC=0+-25	01172	BLU-1206 2K .1% 25PPM
R229	0699-2847	1	RESISTOR 2K +-0.1% .125W TF TC=0+-25	01172	BLU-1206 2K .1% 25PPM
R230	0699-2827	1	RESISTOR 900 +-0.1% .125W TF TC=0+-25	02499	W1206R039000BT
R231	0699-2828	1	RESISTOR 1.5K +-0.1% .125W TF TC=0+-25	01172	BLU-1206 1K5 .1% 25PPM
R232	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R233	0699-3966	1	RESISTOR 6.81K +-1% .063W TKF TC=0+-200	09891	RK73H1J6811F
R234	0699-3960	1	RESISTOR 3.48K +-1% .063W TKF TC=0+-200	09891	RK73H1J3481F
R235	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R236	0699-3986	1	RESISTOR 46.4K +-1% .063W TKF TC=0+-200	09891	RK73H1J4642F
R237	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	09891	RK73H1J1003F
R238	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R241	0699-1415	1	RESISTOR 100 +-1% .125W TKF TC=0+-100	05524	CRCW12061000F
R242	0698-3618	1	RESISTOR 82 +-5% 2W MO TC=0+-200	02499	GS-382R0
R243	0699-3950	1	RESISTOR 1.33K +-1% .063W TKF TC=0+-200	09891	RK73H1J1331F
R244	0699-3945	1	RESISTOR 825 +-1% .063W TKF TC=0+-200	00746	MCR03-F-8250
R245	0699-1415	1	RESISTOR 100 +-1% .125W TKF TC=0+-100	05524	CRCW12061000F
R246	0699-3949	1	RESISTOR 1.21K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1211
R247	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R249	0699-3909	1	RESISTOR 21.5 +-1% .063W TKF TC=0+-200	09891	RK73H1J21R5F
R250	0699-2823	1	RESISTOR 8K +-0.1% .125W TF TC=0+-25	02499	W1206R038001BT
R251	0699-2847	1	RESISTOR 2K +-0.1% .125W TF TC=0+-25	01172	BLU-1206 2K .1% 25PPM
R252	0699-3986	1	RESISTOR 46.4K +-1% .063W TKF TC=0+-200	09891	RK73H1J4642F
R253	0699-3986	1	RESISTOR 46.4K +-1% .063W TKF TC=0+-200	09891	RK73H1J4642F
R254	0699-3955	1	RESISTOR 2.15K +-1% .063W TKF TC=0+-200	09891	RK73H1J2151F
R255	0699-1344	1	RESISTOR 10 +-1% .125W TKF TC=0+-100	09891	RK73H2BT10R0F
R256	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R257	0699-1344	1	RESISTOR 10 +-1% .125W TKF TC=0+-100	09891	RK73H2BT10R0F
R258	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	09891	RK73H1J1003F
R259	0699-3949	1	RESISTOR 1.21K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1211
R260	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R261	0699-4012	1	RESISTOR 681K +-1% .063W TKF TC=0+-200	09891	RK73H1J6813F

**Indicates factory-selected value*

HP Part Number E4400-60140
Reference TCXO (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R262	0699-3939	1	RESISTOR 422 +-1% .063W TKF TC=0+-200	00746	MCR03-EZH-F-4220
R264	0699-3912	1	RESISTOR 28.7 +-1% .063W TKF TC=0+-200	05524	CRCW060328R7F
R265	0699-3912	1	RESISTOR 28.7 +-1% .063W TKF TC=0+-200	05524	CRCW060328R7F
R270	0699-3917	1	RESISTOR 46.4 +-1% .063W TKF TC=0+-200	09891	RK73H1J46R4F
R275	0699-3917	1	RESISTOR 46.4 +-1% .063W TKF TC=0+-200	09891	RK73H1J46R4F
R280	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R281	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R282	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R283	0699-3974	1	RESISTOR 14.7K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1472
R284	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R285	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R286	0699-3974	1	RESISTOR 14.7K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1472
R301	0699-3997	1	RESISTOR 147K +-1% .063W TKF TC=0+-200	09891	RK73H1J1473F
R302	0699-1318	1	RESISTOR 1K +-1% .125W TKF TC=0+-100	00746	MCR18-F-1001
R303	0699-4009	1	RESISTOR 464K +-1% .063W TKF TC=0+-200	09891	RK73H1J4643F
R305	0699-4009	1	RESISTOR 464K +-1% .063W TKF TC=0+-200	09891	RK73H1J4643F
R306	0699-3987	1	RESISTOR 51.1K +-1% .063W TKF TC=0+-200	09891	RK73H1J5112F
R307	0699-3981	1	RESISTOR 28.7K +-1% .063W TKF TC=0+-200	09891	RK73H1J2872F
R310	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R311	0699-3959	1	RESISTOR 3.16K +-1% .063W TKF TC=0+-200	00746	MCR03-F-3161
R312	0699-3981	1	RESISTOR 28.7K +-1% .063W TKF TC=0+-200	09891	RK73H1J2872F
R313	0699-4009	1	RESISTOR 464K +-1% .063W TKF TC=0+-200	09891	RK73H1J4643F
R315	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J2152F
R316	0699-2843	1	RESISTOR 100K +-0.1% .125W TF TC=0+-25	01172	BLU-1206 100K .1% 25PPM
R317	0699-2843	1	RESISTOR 100K +-0.1% .125W TF TC=0+-25	01172	BLU-1206 100K .1% 25PPM
R319	0699-4009	1	RESISTOR 464K +-1% .063W TKF TC=0+-200	09891	RK73H1J4643F
R320	0699-4009	1	RESISTOR 464K +-1% .063W TKF TC=0+-200	09891	RK73H1J4643F
R321	0699-3987	1	RESISTOR 51.1K +-1% .063W TKF TC=0+-200	09891	RK73H1J5112F
R322	0699-3981	1	RESISTOR 28.7K +-1% .063W TKF TC=0+-200	09891	RK73H1J2872F
R323	0699-3981	1	RESISTOR 28.7K +-1% .063W TKF TC=0+-200	09891	RK73H1J2872F
R324	0699-4009	1	RESISTOR 464K +-1% .063W TKF TC=0+-200	09891	RK73H1J4643F
R326	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R327	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R328	0699-3997	1	RESISTOR 147K +-1% .063W TKF TC=0+-200	09891	RK73H1J1473F
R329	0699-3959	1	RESISTOR 3.16K +-1% .063W TKF TC=0+-200	00746	MCR03-F-3161

**Indicates factory-selected value*

HP Part Number E4400-60140
Reference TCXO (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R330	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J2152F
R331	0699-3985	1	RESISTOR 42.2K +-1% .063W TKF TC=0+-200	09891	RK73H1J4222F
R334	0699-3967	1	RESISTOR 7.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J7501F
R335	0699-3985	1	RESISTOR 42.2K +-1% .063W TKF TC=0+-200	09891	RK73H1J4222F
R339	0699-4016	1	RESISTOR 1M +-1% .063W TKF TC=0+-200	00746	MCR03-F-1004
R340	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	09891	RK73H1J5111F
R341	0699-1447	1	RESISTOR 261K +-1% .125W TKF TC=0+-100	09891	RK73H2BT2613F
R342	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	09891	RK73H1J5111F
R343	0699-1327	1	RESISTOR 1M +-1% .125W TKF TC=0+-100	09891	RK73H2BT1004F
R344	0699-1447	1	RESISTOR 261K +-1% .125W TKF TC=0+-100	09891	RK73H2BT2613F
R346	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R347	0699-3958	1	RESISTOR 2.87K +-1% .063W TKF TC=0+-200	09891	RK73H1J2871F
R348	0699-3940	1	RESISTOR 464 +-1% .063W TKF TC=0+-200	09891	RK73H1J4640F
R349	0699-3967	1	RESISTOR 7.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J7501F
R351	0699-3967	1	RESISTOR 7.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J7501F
R352	0699-3940	1	RESISTOR 464 +-1% .063W TKF TC=0+-200	09891	RK73H1J4640F
R353	0699-3967	1	RESISTOR 7.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J7501F
R354	0699-4016	1	RESISTOR 1M +-1% .063W TKF TC=0+-200	00746	MCR03-F-1004
R355	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	09891	RK73H1J5111F
R356	0699-1447	1	RESISTOR 261K +-1% .125W TKF TC=0+-100	09891	RK73H2BT2613F
R357	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	09891	RK73H1J5111F
R358	0699-1447	1	RESISTOR 261K +-1% .125W TKF TC=0+-100	09891	RK73H2BT2613F
R359	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R360	0699-3958	1	RESISTOR 2.87K +-1% .063W TKF TC=0+-200	09891	RK73H1J2871F
R372	0699-1327	1	RESISTOR 1M +-1% .125W TKF TC=0+-100	09891	RK73H2BT1004F
U1	1826-1687	1	IC PWR MGT-V-REF-FXD 9.95/10.05V 8 PINS	10858	LT1021DCS8-10
U3	1813-1196	1	PRECISION TCXOOSCILLATOR PRECISION TCXO	21699	VTX04080ASNR10MHZ
U5	1820-5950	1	IC INV CMOS/AC HEX 14-SOIC	02237	74AC04SCX
U6	1820-5945	1	IC GATE CMOS/AC NAND QUAD 2-INP	36633	MC74AC00D
U7	1820-5054	1	IC MV CMOS/HC MONOSTBL RETRIG DUAL	06354	TC74HC123AFN
U9	1826-1838	1	IC PWR MGT-V-REF-FXD 4.95/5.05V 8 PINS	10858	LT1021DCS8-5
U10	1820-5945	1	IC GATE CMOS/AC NAND QUAD 2-INP	36633	MC74AC00D
U11	1820-6391	1	IC GATE CMOS/AC EXCL-OR QUAD 2-INP	02237	74AC86SCX.
U12	1826-1622	1	IC OP AMP LOW-BIAS-H-IMPD QUAD 14 PIN	01698	TL074CD
U13	1826-1687	1	IC PWR MGT-V-REF-FXD 9.95/10.05V 8 PINS	10858	LT1021DCS8-10

**Indicates factory-selected value*

HP Part Number E4400-60140
Reference TCXO (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
U14	1820-5951	1	IC GATE CMOS/AC AND QUAD 2-INP	36633	MC74AC08DR2
U15	1818-5236	1	IC 4K-BIT EEPROM 500-NS CMOS	04078	M93C66-MN6
U16	1820-6752	1	IC-ASIC GT-ARY CMOS 6206 PLCC	03406	SCX6206TQM/V2
U17	1820-5934	1	IC DCDR-DEMUXR CMOS/AC BIN 8-TO-1-LINE	36633	MC74AC138DR2
U18	1820-5804	1	IC SHF-RGTR CMOS/HC SYNC/ASYNC	01698	SN74HC165D
U19	1820-5804	1	IC SHF-RGTR CMOS/HC SYNC/ASYNC	01698	SN74HC165D
U20	1820-6277	1	IC SHF-RGTR CMOS/HC SYNC/ASYNC SERIAL-IN	02237	MM74HC595M
U21	1820-6277	1	IC SHF-RGTR CMOS/HC SYNC/ASYNC SERIAL-IN	02237	MM74HC595M
U22	1820-6277	1	IC SHF-RGTR CMOS/HC SYNC/ASYNC SERIAL-IN	02237	MM74HC595M
U23	1820-6277	1	IC SHF-RGTR CMOS/HC SYNC/ASYNC SERIAL-IN	02237	MM74HC595M
U24	1826-1619	1	D/A 8-BIT 20-PLCC CMOS	03285	AD7528JP
U25	1826-1622	1	IC OP AMP LOW-BIAS-H-IMPD QUAD 14 PIN	01698	TL074CD
U26	1826-2149	1	ANALOG SWITCH 4 SPST 16 -P-SOIC	02883	DG444DY
U27	1820-5936	1	IC GATE CMOS/AC OR QUAD 2-INP	36633	MC74AC32DR2
U28	1820-5937	1	IC FF CMOS/AC D-TYPE POS-EDGE-TRIG	02237	74AC74SC.
U30	1821-1938	1	IC CNTR CMOS BIN ASYNCHRO NEG-EDGE-TRIG	36633	MC14060BD
U31	1826-1402	1	IC PWR MGT-V-REG-FXD-POS 4.8/5.2V 8 PINS	03406	LM78L05ACM
U32	1820-5937	1	IC FF CMOS/AC D-TYPE POS-EDGE-TRIG	02237	74AC74SC.
U101	1826-2175	1	IC RF/IF AMPL SINGLE 4 PIN U-WAVE-PILL	01542	HPMA-0386T15
U102	1826-2204	1	IC RF/IF AMPL SINGLE 4 PIN U-WAVE-PILL	01542	MSA-0686
U103	1820-5937	1	IC FF CMOS/AC D-TYPE POS-EDGE-TRIG	02237	74AC74SC.
U104	1820-5945	1	IC GATE CMOS/AC NAND QUAD 2-INP	36633	MC74AC00D
U105	1826-1925	1	IC OP AMP LOW-NOISE SINGLE 8 PIN	03285	OP-27GS
U106	1826-1838	1	IC PWR MGT-V-REF-FXD 4.95/5.05V 8 PINS	10858	LT1021DCS8-5
U107	1826-1528	1	IC COMPARATOR LP QUAD 14 PIN PLSTC-SOIC	03406	LM339M
U108	1820-7218	1	IC CNTR CMOS/AC BIN SYNCHRO	02237	74AC163SCX.
U109	1821-4291	1	IC-ASIC CL-BSD CMOS 64046 PLCC	02037	SC64046FNR2
U110	1826-1838	1	IC PWR MGT-V-REF-FXD 4.95/5.05V 8 PINS	10858	LT1021DCS8-5
U200	1826-1985	1	ANALOG SWITCH 4 SPST 16 -P-SOIC	02883	DG411DY
U201	1826-3329	1	IC OP AMP VID-SPCL-FCTN SINGLE 8 PIN	03285	AD818AR
U202	1826-2147	1	ANALOG MULTIPLEXER 8 CHNL 16 -P-SOIC	02883	DG408DY
U203	1826-2147	1	ANALOG MULTIPLEXER 8 CHNL 16 -P-SOIC	02883	DG408DY
U204	1826-1619	1	D/A 8-BIT 20-PLCC CMOS	03285	AD7528JP
U205	1826-3000	1	IC AUDIO AMPL LOW-NOISE DUAL 8 PIN	03285	OP275GS
U206	1826-1810	1	IC OP AMP LOW-BIAS-H-IMPD SINGLE 8 PIN	01698	TL071CD

**Indicates factory-selected value*

HP Part Number E4400-60140
Reference TCXO (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
U207	1826-3329	1	IC OP AMP VID-SPCL-FCTN SINGLE 8 PIN	03285	AD818AR
U208	1826-2147	1	ANALOG MULTIPLEXER 8 CHNL 16 -P-SOIC	02883	DG408DY
U209	1826-1594	1	IC COMPARATOR GP SINGLE 8 PIN PLSTC-SOIC	03406	LM311M
U210	1826-2147	1	ANALOG MULTIPLEXER 8 CHNL 16 -P-SOIC	02883	DG408DY
U211	1826-3000	1	IC AUDIO AMPL LOW-NOISE DUAL 8 PIN	03285	OP275GS
U212	1826-1808	1	IC BFR HS 8 PIN DIP-P	03406	LM6321N
U213	1826-2147	1	ANALOG MULTIPLEXER 8 CHNL 16 -P-SOIC	02883	DG408DY
U214	1826-2147	1	ANALOG MULTIPLEXER 8 CHNL 16 -P-SOIC	02883	DG408DY
U215	1826-1899	1	D/A 12-BIT 28-PLCC CMOS	03285	AD7547JP
U216	1826-3000	1	IC AUDIO AMPL LOW-NOISE DUAL 8 PIN	03285	OP275GS
U217	1826-3000	1	IC AUDIO AMPL LOW-NOISE DUAL 8 PIN	03285	OP275GS
U219	1826-1899	1	D/A 12-BIT 28-PLCC CMOS	03285	AD7547JP
U221	1826-3329	1	IC OP AMP VID-SPCL-FCTN SINGLE 8 PIN	03285	AD818AR
U222	1826-2961	1	IC OP AMP GP SINGLE 8 PIN PLSTC-SOIC	03285	AD817AR
U300	1826-2147	1	ANALOG MULTIPLEXER 8 CHNL 16 -P-SOIC	02883	DG408DY
U301	1826-1622	1	IC OP AMP LOW-BIAS-H-IMPD QUAD 14 PIN	01698	TL074CD
U303	1826-1619	1	D/A 8-BIT 20-PLCC CMOS	03285	AD7528JP
U304	1826-1862	1	IC OP AMP LOW-BIAS-H-IMPD DUAL 8 PIN	04078	TL072CD
U305	1826-1572	1	IC COMPARATOR PRCN DUAL 8 PIN PLSTC-SOIC	02910	LM393D
U306	1820-5054	1	IC MV CMOS/HC MONOSTBL RETRIG DUAL	06354	TC74HC123AFN
U308	1820-5951	1	IC GATE CMOS/AC AND QUAD 2-INP	36633	MC74AC08DR2
U309	1820-5945	1	IC GATE CMOS/AC NAND QUAD 2-INP	36633	MC74AC00D
U312	1826-1572	1	IC COMPARATOR PRCN DUAL 8 PIN PLSTC-SOIC	02910	LM393D
U314	1820-5945	1	IC GATE CMOS/AC NAND QUAD 2-INP	36633	MC74AC00D
U315	1820-5054	1	IC MV CMOS/HC MONOSTBL RETRIG DUAL	06354	TC74HC123AFN

**Indicates factory-selected value*

Component-Level Information Packet for E4423-60018

Reference



HP Part No. E4423-90003
Printed in USA September 1999

Notice. The information contained in this document is subject to change without notice.

Hewlett-Packard makes no warranty of any kind with regard to this material, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Hewlett-Packard shall not be liable for errors contained herein or for incidental or consequential damages in connection with the furnishing, performance, or use of this material.

©Copyright Hewlett-Packard Company 1999
All Rights Reserved. Reproduction, adaptation, or translation without prior written permission is prohibited, except as allowed under the copyright laws.

HP Part Number E4423-60018
Reference

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C1	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C2	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C3	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C4	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C5	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C6	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C7	0160-7405	1	CAP-FXD 560pF +-5% 50 V CER C0G	06352	C2012C0G1H561J
C8	0160-7405	1	CAP-FXD 560pF +-5% 50 V CER C0G	06352	C2012C0G1H561J
C9	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C10	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C11	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C12	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C13	0160-7855	1	CAP-FXD 33pF +-5% 50 V CER C0G	02010	06035A330JAT
C14	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C15	0160-7405	1	CAP-FXD 560pF +-5% 50 V CER C0G	06352	C2012C0G1H561J
C16	0160-7405	1	CAP-FXD 560pF +-5% 50 V CER C0G	06352	C2012C0G1H561J
C17	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C18	0180-4116	1	CAP-FXD 22uF +-20% 20 V TA	02010	TAJD226M020
C19	0180-3752	1	CAP-FXD 3.3uF +-20% 35 V TA	00039	NRD335M35R12
C20	0180-3750	1	CAP-FXD 0.47uF +-20% 35 V TA	00039	NRS474M35R8
C21	0160-7982	1	CAP-FXD 200pF +-5% 50 V CER C0G	02010	06035A201JAT
C22	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C23	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C24	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C25	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C26	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C27	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C28	0160-7842	1	CAP-FXD 150pF +-5% 50 V CER C0G	02010	06035A151JAT
C29	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C30	0160-6407	1	CAP-FXD 1uF +-5% 25 V CER X7R	02010	22253C105JAT A
C31	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C32	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C33	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C34	0180-4228	1	CAP-FXD 47uF +-20% 10 V TA	02010	TAJD476M010
C35	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K

**Indicates factory-selected value*

HP Part Number E4423-60018
Reference (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C36	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C37	0180-4228	1	CAP-FXD 47uF +-20% 10 V TA	02010	TAJD476M010
C38	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C39	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C40	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C41	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C42	0180-3753	1	CAP-FXD 6.8uF +-20% 35 V TA	00039	NRD685M35R12
C43	0180-4116	1	CAP-FXD 22uF +-20% 20 V TA	02010	TAJD226M020
C44	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C45	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C46	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C47	0180-3753	1	CAP-FXD 6.8uF +-20% 35 V TA	00039	NRD685M35R12
C48	0180-4116	1	CAP-FXD 22uF +-20% 20 V TA	02010	TAJD226M020
C49	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C50	0180-4274	1	CAP-FXD 4.7uF +-20% 50 V TA	12340	T491D475M050AS
C51	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C52	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C53	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C54	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C55	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C56	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C57	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C58	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C59	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C60	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C61	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C62	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C63	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C64	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C65	0180-3848	1	CAP-FXD 33uF +-10% 16 V TA	12340	T398H336K016AS
C66	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C67	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C68	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C69	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C70	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K

**Indicates factory-selected value*

HP Part Number E4423-60018
Reference (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C71	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C72	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C73	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C77	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C78	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C80	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C81	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C82	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C83	0160-7830	1	CAP-FXD 1pF +-25% 50 V CER C0G	02010	06035A1R0CAT
C84	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C85	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C86	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C87	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C100	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C101	0160-7841	1	CAP-FXD 15pF +-5% 50 V CER C0G	02010	06035A150JAT
C102	0160-7830	1	CAP-FXD 1pF +-25% 50 V CER C0G	02010	06035A1R0CAT
C103	0160-7837	1	CAP-FXD 12pF +-5% 50 V CER C0G	02010	06035A120JAT
C104	0160-7776	1	CAP-FXD 3.9pF +-6.4% 50 V CER C0G	13853	0603G3R9C500ST
C105	0160-7971	1	CAP-FXD 20pF +-5% 50 V CER C0G	02010	06035A200JAT
C107	0180-5010	1	CAP-FXD 68uF +-20% 25 V AL-ELCTLT	00779	UWF1E680MBR
C108	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C109	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C110	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C111	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C112	0160-7833	1	CAP-FXD 1.8pF +-13.89% 50 V CER C0G	02010	06035A1R8CAT
C113	0160-7833	1	CAP-FXD 1.8pF +-13.89% 50 V CER C0G	02010	06035A1R8CAT
C114	0160-7853	1	CAP-FXD 3.3pF +-7.6% 50 V CER C0G	02010	06035A3R3CAT
C115	0160-7841	1	CAP-FXD 15pF +-5% 50 V CER C0G	02010	06035A150JAT
C116	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C117	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C118	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C119	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C120	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C121	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C122	0160-7712	1	CAP-FXD 1500pF +-10% 50 V CER X7R	02010	06035C152KATRA

**Indicates factory-selected value*

HP Part Number E4423-60018
Reference (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C123	0160-7781	1	CAP-FXD 2200pF +-10% 50 V CER X7R	06352	C1608X7R1H222KT
C124	0160-7781	1	CAP-FXD 2200pF +-10% 50 V CER X7R	06352	C1608X7R1H222KT
C125	0160-7712	1	CAP-FXD 1500pF +-10% 50 V CER X7R	02010	06035C152KATRA
C126	0160-7781	1	CAP-FXD 2200pF +-10% 50 V CER X7R	06352	C1608X7R1H222KT
C127	0160-7781	1	CAP-FXD 2200pF +-10% 50 V CER X7R	06352	C1608X7R1H222KT
C128	0160-7833	1	CAP-FXD 1.8pF +-13.89% 50 V CER C0G	02010	06035A1R8CAT
C129	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C130	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C131	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C132	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C133	0160-7749	1	CAP-FXD 22pF +-5% 50 V CER C0G	06352	C1608C0G1H220JT8P
C134	0160-7950	1	CAP-FXD 0.068uF +-10% 50 V CER X7R	12340	C0805C683K5RAC
C135	0160-7749	1	CAP-FXD 22pF +-5% 50 V CER C0G	06352	C1608C0G1H220JT8P
C136	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C137	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C138	0180-4116	1	CAP-FXD 22uF +-20% 20 V TA	02010	TAJD226M020
C139	0180-3752	1	CAP-FXD 3.3uF +-20% 35 V TA	00039	NRD335M35R12
C140	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C141	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C142	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C143	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C144	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C145	0180-4274	1	CAP-FXD 4.7uF +-20% 50 V TA	12340	T491D475M050AS
C147	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C148	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C149	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C150	0160-5945	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	02010	08055C103KAT A
C151	0160-5945	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	02010	08055C103KAT A
C152	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C153	0180-5010	1	CAP-FXD 68uF +-20% 25 V AL-ELCTLT	00779	UWF1E680MBR
C154	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C155	0180-4116	1	CAP-FXD 22uF +-20% 20 V TA	02010	TAJD226M020
C156	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C157	0160-7771	1	CAP-FXD 8.2pF +-3% 50 V CER C0G	13853	0603G8R2C500ST
C158	0160-7841	1	CAP-FXD 15pF +-5% 50 V CER C0G	02010	06035A150JAT

**Indicates factory-selected value*

HP Part Number E4423-60018
Reference (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C159	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	12340	C0603C240J5GAC
C160	0160-7971	1	CAP-FXD 20pF +-5% 50 V CER C0G	02010	06035A200JAT
C164	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	12340	C0603C240J5GAC
C166	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	12340	C0603C240J5GAC
C167	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	12340	C0603C240J5GAC
C168	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	12340	C0603C240J5GAC
C169	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	12340	C0603C240J5GAC
C170	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	12340	C0603C240J5GAC
C171	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	12340	C0603C240J5GAC
C173	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C174	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	12340	C0603C240J5GAC
C175	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	12340	C0603C240J5GAC
C176	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	12340	C0603C240J5GAC
C177	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	12340	C0603C240J5GAC
C178	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	12340	C0603C240J5GAC
C179	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	12340	C0603C240J5GAC
C180	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	12340	C0603C240J5GAC
C181	0160-7972	1	CAP-FXD 24pF +-5% 50 V CER C0G	12340	C0603C240J5GAC
C182	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C183	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C184	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C185	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C186	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C187	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C188	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C190	0160-7950	1	CAP-FXD 0.068uF +-10% 50 V CER X7R	12340	C0805C683K5RAC
C191	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C192	0160-7749	1	CAP-FXD 22pF +-5% 50 V CER C0G	06352	C1608C0G1H220JT8P
C193	0160-7749	1	CAP-FXD 22pF +-5% 50 V CER C0G	06352	C1608C0G1H220JT8P
C195	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C196	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C197	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C198	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C199	0160-7971	1	CAP-FXD 20pF +-5% 50 V CER C0G	02010	06035A200JAT
C200	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K

**Indicates factory-selected value*

HP Part Number E4423-60018
Reference (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C201	0160-7830	1	CAP-FXD 1pF +-25% 50 V CER C0G	02010	06035A1R0CAT
C202	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C203	0160-7830	1	CAP-FXD 1pF +-25% 50 V CER C0G	02010	06035A1R0CAT
C204	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C205	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C206	0160-7308	1	CAP-FXD 3.3uF +-10% 50 V POLYE-MET	11892	MMK5335K50TR18
C207	0160-7308	1	CAP-FXD 3.3uF +-10% 50 V POLYE-MET	11892	MMK5335K50TR18
C208	0160-7748	1	CAP-FXD 1000pF +-10% 50 V CER X7R	12340	C0603C102K5RAC
C209	0160-7781	1	CAP-FXD 2200pF +-10% 50 V CER X7R	06352	C1608X7R1H222KT
C210	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C211	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C212	0160-7748	1	CAP-FXD 1000pF +-10% 50 V CER X7R	12340	C0603C102K5RAC
C213	0160-7748	1	CAP-FXD 1000pF +-10% 50 V CER X7R	12340	C0603C102K5RAC
C215	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C216	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C217	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C218	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C219	0160-7781	1	CAP-FXD 2200pF +-10% 50 V CER X7R	06352	C1608X7R1H222KT
C220	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C221	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C222	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C223	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C224	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C225	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C226	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C227	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C228	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C230	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C231	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C232	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C234	0160-7969	1	CAP-FXD 13pF +-5% 50 V CER C0G	12340	C0603C130J5GAC
C235	0160-7969	1	CAP-FXD 13pF +-5% 50 V CER C0G	12340	C0603C130J5GAC
C238	0160-7748	1	CAP-FXD 1000pF +-10% 50 V CER X7R	12340	C0603C102K5RAC
C239	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C240	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K

**Indicates factory-selected value*

HP Part Number E4423-60018
Reference (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C241	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C242	0160-7850	1	CAP-FXD 27pF +-5% 50 V CER C0G	02010	06035A270JAT
C243	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C244	0160-7860	1	CAP-FXD 4.7pF +-5.31% 50 V CER C0G	02010	06035A4R7CAT
C245	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C246	0160-7748	1	CAP-FXD 1000pF +-10% 50 V CER X7R	12340	C0603C102K5RAC
C257	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C258	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C260	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C261	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C262	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C272	0160-7841	1	CAP-FXD 15pF +-5% 50 V CER C0G	02010	06035A150JAT
C273	0160-7841	1	CAP-FXD 15pF +-5% 50 V CER C0G	02010	06035A150JAT
C274	0160-7841	1	CAP-FXD 15pF +-5% 50 V CER C0G	02010	06035A150JAT
C275	0160-7841	1	CAP-FXD 15pF +-5% 50 V CER C0G	02010	06035A150JAT
C276	0160-7841	1	CAP-FXD 15pF +-5% 50 V CER C0G	02010	06035A150JAT
C277	0160-7841	1	CAP-FXD 15pF +-5% 50 V CER C0G	02010	06035A150JAT
C278	0160-7841	1	CAP-FXD 15pF +-5% 50 V CER C0G	02010	06035A150JAT
C279	0160-7841	1	CAP-FXD 15pF +-5% 50 V CER C0G	02010	06035A150JAT
C301	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C302	0160-5469	1	CAP-FXD 1uF +-10% 50 V POLYE-MET	05524	MKT 1826-1UF 10% 63VDC
C303	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C304	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C305	0160-4535	1	CAP-FXD 1uF +-10% 50 V CER X7R	09939	RPE113-130X7R105K50V
C306	0160-5469	1	CAP-FXD 1uF +-10% 50 V POLYE-MET	05524	MKT 1826-1UF 10% 63VDC
C307	0160-4535	1	CAP-FXD 1uF +-10% 50 V CER X7R	09939	RPE113-130X7R105K50V
C308	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C309	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C310	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C311	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C312	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C313	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C314	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C315	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C316	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035

**Indicates factory-selected value*

HP Part Number E4423-60018
Reference (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C317	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C318	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C319	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C320	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C321	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C322	0160-7749	1	CAP-FXD 22pF +-5% 50 V CER C0G	06352	C1608C0G1H220JT8P
C323	0160-7749	1	CAP-FXD 22pF +-5% 50 V CER C0G	06352	C1608C0G1H220JT8P
C324	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C325	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C326	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C328	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C329	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C330	0160-7971	1	CAP-FXD 20pF +-5% 50 V CER C0G	02010	06035A200JAT
C331	0160-7971	1	CAP-FXD 20pF +-5% 50 V CER C0G	02010	06035A200JAT
C332	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C333	0180-4116	1	CAP-FXD 22uF +-20% 20 V TA	02010	TAJD226M020
C334	0160-7749	1	CAP-FXD 22pF +-5% 50 V CER C0G	06352	C1608C0G1H220JT8P
C335	0160-7749	1	CAP-FXD 22pF +-5% 50 V CER C0G	06352	C1608C0G1H220JT8P
C336	0160-7749	1	CAP-FXD 22pF +-5% 50 V CER C0G	06352	C1608C0G1H220JT8P
C337	0160-7749	1	CAP-FXD 22pF +-5% 50 V CER C0G	06352	C1608C0G1H220JT8P
CR1	1900-0074	1	DIODE-SCHOTTKY SM SIG	01542	1900-0074
CR4	1900-0074	1	DIODE-SCHOTTKY SM SIG	01542	1900-0074
CR7	1900-0074	1	DIODE-SCHOTTKY SM SIG	01542	1900-0074
CR8	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR9	1900-0074	1	DIODE-SCHOTTKY SM SIG	01542	1900-0074
CR10	1900-0074	1	DIODE-SCHOTTKY SM SIG	01542	1900-0074
CR11	1900-0074	1	DIODE-SCHOTTKY SM SIG	01542	1900-0074
CR12	1900-0074	1	DIODE-SCHOTTKY SM SIG	01542	1900-0074
CR14	1900-0074	1	DIODE-SCHOTTKY SM SIG	01542	1900-0074
CR17	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR19	1900-0078	1	DIODE-SCHOTTKY SM SIG	01542	HSMS-2800
CR101	1900-0096	1	DIODE-PIN	01542	1900-0096
CR102	1900-0096	1	DIODE-PIN	01542	1900-0096
CR103	1900-0074	1	DIODE-SCHOTTKY SM SIG	01542	1900-0074
CR106	0122-0347	1	DIODE-VVC .75PF 20% C 1/C28-MIN=12.4	06121	BB833

**Indicates factory-selected value*

HP Part Number E4423-60018
Reference (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
CR107	0122-0347	1	DIODE-VVC .75PF 20% C 1/C28-MIN=12.4	06121	BB833
CR180	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR200	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR201	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR204	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR205	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR206	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR207	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR300	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR301	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR303	1900-0078	1	DIODE-SCHOTTKY SM SIG	01542	HSMS-2800
CR304	1900-0245	1	DIODE-SCHOTTKY SM SIG	01542	HSMS-2805
CR305	1900-0078	1	DIODE-SCHOTTKY SM SIG	01542	HSMS-2800
CR306	1900-0245	1	DIODE-SCHOTTKY SM SIG	01542	HSMS-2805
CR307	1900-0078	1	DIODE-SCHOTTKY SM SIG	01542	HSMS-2800
CR308	1900-0078	1	DIODE-SCHOTTKY SM SIG	01542	HSMS-2800
CR309	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR311	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR312	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR313	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
E180	9170-1664	1	CORE-SHIELDING BEAD	06352	MMZ2012S181A
FL1	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL2	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL3	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL4	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL5	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL6	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL7	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL8	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL9	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL101	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL102	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL103	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL104	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL105	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621

**Indicates factory-selected value*

HP Part Number E4423-60018
Reference (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
FL106	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL270	9135-5352	1	FILTER-EMI 33PF CAPACITANCE; 50VDC; 2A	09939	NFM61R00T330M00-621
FL271	9135-5352	1	FILTER-EMI 33PF CAPACITANCE; 50VDC; 2A	09939	NFM61R00T330M00-621
FL272	9135-5352	1	FILTER-EMI 33PF CAPACITANCE; 50VDC; 2A	09939	NFM61R00T330M00-621
J2	1251-4670	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	13369	68000-603
J30	1251-4670	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	13369	68000-603
L1	9140-1103	1	INDUCTOR 680nH +-5% 2.8W-mmX3.4LG-mm	06352	NL322522T-R68J
L2	9140-1112	1	INDUCTOR 8.2uH +-5% 3.4W-mmX4.8LG-mm	06352	NL453232-8R2J-3
L3	9140-1103	1	INDUCTOR 680nH +-5% 2.8W-mmX3.4LG-mm	06352	NL322522T-R68J
L5	9140-1105	1	INDUCTOR 1uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-1R0J-3
L6	9140-1113	1	INDUCTOR 10uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-100J-3
L7	9100-3922	1	INDUCTOR-FIXED Z > 1200 OHMS 120 TO 650	03273	51-088
L8	9140-1113	1	INDUCTOR 10uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-100J-3
L9	9140-1100	1	INDUCTOR 330nH +-5% 2.8W-mmX3.4LG-mm	09891	KL32TER33J
L10	9140-1113	1	INDUCTOR 10uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-100J-3
L11	9140-1100	1	INDUCTOR 330nH +-5% 2.8W-mmX3.4LG-mm	09891	KL32TER33J
L12	9140-1113	1	INDUCTOR 10uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-100J-3
L13	9140-1113	1	INDUCTOR 10uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-100J-3
L100	9140-2056	1	INDUCTOR 150nH +1% -1%	01886	1206CS-151XFBC
L101	9140-2056	1	INDUCTOR 150nH +1% -1%	01886	1206CS-151XFBC
L102	9140-1805	1	INDUCTOR 5nH +10% -10% .12D-INX.145LG-IN	01886	A02T-10
L103	9140-1803	1	INDUCTOR 12.5nH +5% -5%	01886	A04T
L104	9140-1805	1	INDUCTOR 5nH +10% -10% .12D-INX.145LG-IN	01886	A02T-10
L106	9140-1206	1	INDUCTOR 100nH +-5% 2.8W-mmX3.4LG-mm	06352	NL322522T-R10J
L107	9140-1206	1	INDUCTOR 100nH +-5% 2.8W-mmX3.4LG-mm	06352	NL322522T-R10J
L108	9140-1206	1	INDUCTOR 100nH +-5% 2.8W-mmX3.4LG-mm	06352	NL322522T-R10J
L109	9140-1206	1	INDUCTOR 100nH +-5% 2.8W-mmX3.4LG-mm	06352	NL322522T-R10J
L110	9140-1557	1	INDUCTOR 10nH +10% -10% 2.8W-mmX3.4LG-mm	03273	SM3-010K-1
L111	9140-1561	1	INDUCTOR 22nH +5% -5% 2.8W-mmX3.4LG-mm	03273	SM3-022J-1
L112	9140-1557	1	INDUCTOR 10nH +10% -10% 2.8W-mmX3.4LG-mm	03273	SM3-010K-1
L118	9140-2056	1	INDUCTOR 150nH +1% -1%	01886	1206CS-151XFBC
L119	9140-1117	1	INDUCTOR 47uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-470J-3
L120	9140-1117	1	INDUCTOR 47uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-470J-3
L121	9140-1121	1	INDUCTOR 100uH +-5% 3.4W-mmX4.8LG-mm	06352	NL453232-101J-3
L122	9140-1121	1	INDUCTOR 100uH +-5% 3.4W-mmX4.8LG-mm	06352	NL453232-101J-3

**Indicates factory-selected value*

HP Part Number E4423-60018
Reference (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
L123	9140-1421	1	INDUCTOR 27uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-270J-3
L124	9140-1421	1	INDUCTOR 27uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-270J-3
L125	9140-1121	1	INDUCTOR 100uH +-5% 3.4W-mmX4.8LG-mm	06352	NL453232-101J-3
L126	9140-1557	1	INDUCTOR 10nH +10% -10% 2.8W-mmX3.4LG-mm	03273	SM3-010K-1
L127	9140-1557	1	INDUCTOR 10nH +10% -10% 2.8W-mmX3.4LG-mm	03273	SM3-010K-1
L180	9140-2056	1	INDUCTOR 150nH +1% -1%	01886	1206CS-151XFBC
L181	9140-2056	1	INDUCTOR 150nH +1% -1%	01886	1206CS-151XFBC
L300	9140-1418	1	INDUCTOR 2.7uH +-5% 3.4W-mmX4.8LG-mm	06352	NL453232-2R7J-3
MP2	E4423-20107	1	REF BD BASE	28480	E4423-20107
MP3	E4423-20108	1	REF BD LID	28480	E4423-20108
MP4	5002-2401	1	EXT LVL RIGHT	28480	5002-2401
MP5	5002-2402	1	EXT LVL LEFT	28480	5002-2402
MP6	8160-0917	1	RFI GASKET CNDCT-ELSTMR 4.6-MM-ID	05100	19-05-13423-1285
MP7	8160-0448	6	RFI ROUND STRIP BE-CU SN-PL .062-IN-OD	10840	SS-04
MP8	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP9	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP10	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP11	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP12	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP13	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP14	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP15	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP16	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP17	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP18	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP19	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP20	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP21	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP22	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
P1	1252-1506	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	01380	535512-2
P2	1252-6521	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	01380	2-535512-2
P3	1252-1506	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	01380	535512-2
P5	1258-0209	1	JUMPER-REMOVABLE 2 POSITION; .250 IN	01380	382811-6
P6	1258-0209	1	JUMPER-REMOVABLE 2 POSITION; .250 IN	01380	382811-6
Q1	1854-1037	1	TRANSISTOR NPN SI TO-236AA PD=350MW	36633	MMBT3904LT1

**Indicates factory-selected value*

HP Part Number E4423-60018
Reference (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
Q2	1854-1037	1	TRANSISTOR NPN SI TO-236AA PD=350MW	36633	MMBT3904LT1
Q3	1854-1083	1	TRANSISTOR NPN SI SOT-23 (TO-236AB)	02037	MMBR5179LT1
Q4	1854-1083	1	TRANSISTOR NPN SI SOT-23 (TO-236AB)	02037	MMBR5179LT1
Q5	1854-1083	1	TRANSISTOR NPN SI SOT-23 (TO-236AB)	02037	MMBR5179LT1
Q6	1854-1083	1	TRANSISTOR NPN SI SOT-23 (TO-236AB)	02037	MMBR5179LT1
Q9	1853-0724	1	TRANSISTOR PNP SI TO-261AA (SOT-223)	02910	PZT2907A
Q10	1854-1083	1	TRANSISTOR NPN SI SOT-23 (TO-236AB)	02037	MMBR5179LT1
Q11	1854-1188	1	TRANSISTOR NPN SI SOT-23 (TO-236AB)	12125	KST4401
Q12	1853-0580	1	TRANSISTOR PNP SI SOT-23 (TO-236AB)	36633	MMBT4403LT1
Q100	1854-1304	1	TRANSISTOR NPN SI CHIP PD=580MW	03074	NE85635
Q101	1854-1037	1	TRANSISTOR NPN SI TO-236AA PD=350MW	36633	MMBT3904LT1
Q102	1853-0567	1	TRANSISTOR PNP SI SOT-23 (TO-236AB)	36633	MMBT3906LT1
Q103	1853-0724	1	TRANSISTOR PNP SI TO-261AA (SOT-223)	02910	PZT2907A
Q104	1854-1319	1	TRANSISTOR-DUAL NPN PD=300MW	06121	BCV61C
Q180	1853-0580	1	TRANSISTOR PNP SI SOT-23 (TO-236AB)	36633	MMBT4403LT1
Q181	1854-1265	1	TRANSISTOR NPN SI PD=500MW	02037	MRF9511LT1
R1	0699-3955	1	RESISTOR 2.15K +-1% .063W TKF TC=0+-200	09891	RK73H1J2151F
R2	0699-1344	1	RESISTOR 10 +-1% .125W TKF TC=0+-100	09891	RK73H2BT10R0F
R3	0699-3950	1	RESISTOR 1.33K +-1% .063W TKF TC=0+-200	09891	RK73H1J1331F
R4	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R6	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R7	0699-3955	1	RESISTOR 2.15K +-1% .063W TKF TC=0+-200	09891	RK73H1J2151F
R8	0699-3955	1	RESISTOR 2.15K +-1% .063W TKF TC=0+-200	09891	RK73H1J2151F
R9	0699-3930	1	RESISTOR 178 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1780
R10	0699-1415	1	RESISTOR 100 +-1% .125W TKF TC=0+-100	05524	CRCW12061000F
R12	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R13	0699-3930	1	RESISTOR 178 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1780
R14	0699-1415	1	RESISTOR 100 +-1% .125W TKF TC=0+-100	05524	CRCW12061000F
R15	0699-3915	1	RESISTOR 38.3 +-1% .063W TKF TC=0+-200	09891	RK73H1J38R3F
R16	0699-3955	1	RESISTOR 2.15K +-1% .063W TKF TC=0+-200	09891	RK73H1J2151F
R17	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	09891	RK73H1J1003F
R18	0699-3915	1	RESISTOR 38.3 +-1% .063W TKF TC=0+-200	09891	RK73H1J38R3F
R25	0699-1423	1	RESISTOR 215 +-1% .125W TKF TC=0+-100	05524	CRCW12062150F
R26	0699-2889	1	RESISTOR 4.7 +-5% .125W TKF TC=0+-500	00746	MCR18-J-4R7
R27	0699-2889	1	RESISTOR 4.7 +-5% .125W TKF TC=0+-500	00746	MCR18-J-4R7

**Indicates factory-selected value*

HP Part Number E4423-60018
Reference (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R28	0699-2889	1	RESISTOR 4.7 +-5% .125W TKF TC=0+-500	00746	MCR18-J-4R7
R29	0699-3987	1	RESISTOR 51.1K +-1% .063W TKF TC=0+-200	09891	RK73H1J5112F
R30	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R31	0699-3987	1	RESISTOR 51.1K +-1% .063W TKF TC=0+-200	09891	RK73H1J5112F
R32	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R33	0699-3921	1	RESISTOR 75 +-1% .063W TKF TC=0+-200	00746	MCR03-F-75R0
R34	0699-3921	1	RESISTOR 75 +-1% .063W TKF TC=0+-200	00746	MCR03-F-75R0
R35	0699-3955	1	RESISTOR 2.15K +-1% .063W TKF TC=0+-200	09891	RK73H1J2151F
R36	0699-3930	1	RESISTOR 178 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1780
R37	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R38	0699-3366	1	RESISTOR 562 +-1% .065W TKF TC=0+-200	09891	RK73H1J5620F
R39	0699-3366	1	RESISTOR 562 +-1% .065W TKF TC=0+-200	09891	RK73H1J5620F
R40	0699-3977	1	RESISTOR 19.6K +-1% .063W TKF TC=0+-200	09891	RK73H1J1962F
R41	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R42	0699-3971	1	RESISTOR 11K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1102
R43	0699-3368	1	RESISTOR 56.2K +-1% .063W TKF TC=0+-200	05524	CRCW06035622F
R44	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R45	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R46	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R47	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R48	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R49	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R50	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R51	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R52	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	09891	RK73H1J1003F
R53	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R54	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R55	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R56	0699-3979	1	RESISTOR 23.7K +-1% .063W TKF TC=0+-200	09891	RK73H1J2372F
R57	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R58	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R59	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R60	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R61	0699-3981	1	RESISTOR 28.7K +-1% .063W TKF TC=0+-200	09891	RK73H1J2872F
R62	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001

**Indicates factory-selected value*

HP Part Number E4423-60018
Reference (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R63	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R64	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R65	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R66	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	09891	RK73H1J5111F
R67	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R68	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	09891	RK73H1J1003F
R69	0699-1344	1	RESISTOR 10 +-1% .125W TKF TC=0+-100	09891	RK73H2BT10R0F
R70	0699-1344	1	RESISTOR 10 +-1% .125W TKF TC=0+-100	09891	RK73H2BT10R0F
R71	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R72	0699-1344	1	RESISTOR 10 +-1% .125W TKF TC=0+-100	09891	RK73H2BT10R0F
R74	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R75	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R76	0699-3928	1	RESISTOR 147 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1470
R77	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R79	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R81	0699-3955	1	RESISTOR 2.15K +-1% .063W TKF TC=0+-200	09891	RK73H1J2151F
R82	0699-3955	1	RESISTOR 2.15K +-1% .063W TKF TC=0+-200	09891	RK73H1J2151F
R83	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R84	0699-3990	1	RESISTOR 75K +-1% .063W TKF TC=0+-200	09891	RK73H1J7502F
R85	0699-3999	1	RESISTOR 178K +-1% .063W TKF TC=0+-200	09891	RK73H1J1783F
R86	0699-4001	1	RESISTOR 215K +-1% .063W TKF TC=0+-200	09891	RK73H1J2153F
R87	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R89	0699-4001	1	RESISTOR 215K +-1% .063W TKF TC=0+-200	09891	RK73H1J2153F
R90	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R91	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R92	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J2152F
R95	0699-1344	1	RESISTOR 10 +-1% .125W TKF TC=0+-100	09891	RK73H2BT10R0F
R100	0699-3908	1	RESISTOR 19.6 +-1% .063W TKF TC=0+-200	09891	RK73H1J19R6F
R101	0699-3908	1	RESISTOR 19.6 +-1% .063W TKF TC=0+-200	09891	RK73H1J19R6F
R102	0699-1369	1	RESISTOR 1.1K +-1% .125W TKF TC=0+-100	05524	CRCW12061101F
R103	0699-1369	1	RESISTOR 1.1K +-1% .125W TKF TC=0+-100	05524	CRCW12061101F
R104	0699-1369	1	RESISTOR 1.1K +-1% .125W TKF TC=0+-100	05524	CRCW12061101F
R105	0699-1429	1	RESISTOR 383 +-1% .125W TKF TC=0+-100	09891	RK73H2BT3830F
R106	0699-1429	1	RESISTOR 383 +-1% .125W TKF TC=0+-100	09891	RK73H2BT3830F
R107	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0

**Indicates factory-selected value*

HP Part Number E4423-60018
Reference (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R108	0699-1424	1	RESISTOR 237 +-1% .125W TKF TC=0+-100	05524	CRCW12062370F
R109	0699-1424	1	RESISTOR 237 +-1% .125W TKF TC=0+-100	05524	CRCW12062370F
R110	0699-1318	1	RESISTOR 1K +-1% .125W TKF TC=0+-100	00746	MCR18-F-1001
R111	0699-3920	1	RESISTOR 68.1 +-1% .063W TKF TC=0+-200	09891	RK73H1J68R1F
R112	0699-3922	1	RESISTOR 82.5 +-1% .063W TKF TC=0+-200	09891	RK73H1J82R5F
R114	0699-3945	1	RESISTOR 825 +-1% .063W TKF TC=0+-200	00746	MCR03-F-8250
R117	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R118	0699-3574	1	RESISTOR 0 .0625W TKF	09891	RM73Z1JT
R119	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R120	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R121	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R122	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R123	0699-1416	1	RESISTOR 110 +-1% .125W TKF TC=0+-100	05524	CRCW12061100F
R124	0699-1417	1	RESISTOR 121 +-1% .125W TKF TC=0+-100	09891	RK73H2BT1210F
R125	0699-1427	1	RESISTOR 316 +-1% .125W TKF TC=0+-100	09891	RK73H2BT3160F
R126	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R127	0699-3921	1	RESISTOR 75 +-1% .063W TKF TC=0+-200	00746	MCR03-F-75R0
R128	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R130	0699-1423	1	RESISTOR 215 +-1% .125W TKF TC=0+-100	05524	CRCW12062150F
R131	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	09891	RK73H1J1003F
R132	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R133	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R134	0699-1364	1	RESISTOR 68.1 +-1% .125W TKF TC=0+-100	05524	CRCW120668R1F
R135	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R136	0699-1364	1	RESISTOR 68.1 +-1% .125W TKF TC=0+-100	05524	CRCW120668R1F
R137	0699-3965	1	RESISTOR 6.19K +-1% .063W TKF TC=0+-200	09891	RK73H1J6191F
R138	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R139	0699-3921	1	RESISTOR 75 +-1% .063W TKF TC=0+-200	00746	MCR03-F-75R0
R140	0699-3960	1	RESISTOR 3.48K +-1% .063W TKF TC=0+-200	09891	RK73H1J3481F
R141	0699-3987	1	RESISTOR 51.1K +-1% .063W TKF TC=0+-200	09891	RK73H1J5112F
R142	0699-2491	1	RESISTOR 20K +-0.1% .125W TF TC=0+-25	02499	W1206R032002BT
R143	0699-3932	1	RESISTOR 215 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2150
R144	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R146	0699-3968	1	RESISTOR 8.25K +-1% .063W TKF TC=0+-200	09891	RK73H1J8251F
R147	0699-3932	1	RESISTOR 215 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2150

**Indicates factory-selected value*

HP Part Number E4423-60018
Reference (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R148	0699-2489	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	02499	W1206R031002BT
R149	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R150	0699-1349	1	RESISTOR 16.2 +-1% .125W TKF TC=0+-100	09891	RK73H2BT16R2F
R151	0699-1349	1	RESISTOR 16.2 +-1% .125W TKF TC=0+-100	09891	RK73H2BT16R2F
R152	0699-1349	1	RESISTOR 16.2 +-1% .125W TKF TC=0+-100	09891	RK73H2BT16R2F
R153	0699-3932	1	RESISTOR 215 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2150
R154	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R155	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	09891	RK73H1J5111F
R156	0699-3972	1	RESISTOR 12.1K +-1% .063W TKF TC=0+-200	09891	RK73H1J1212F
R157	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	09891	RK73H1J5111F
R158	0699-3948	1	RESISTOR 1.1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1101
R159	0699-3367	1	RESISTOR 5.62K +-1% .0625W TKF TC=0+-200	06337	232270465622
R160	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R162	0699-3980	1	RESISTOR 26.1K +-1% .063W TKF TC=0+-100	09891	RK73H1J2612F
R163	0699-3980	1	RESISTOR 26.1K +-1% .063W TKF TC=0+-100	09891	RK73H1J2612F
R164	0699-2489	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	02499	W1206R031002BT
R166	0699-3935	1	RESISTOR 287 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2870
R167	0699-3907	1	RESISTOR 17.8 +-1% .063W TKF TC=0+-200	09891	RK73H1J17R8F
R168	0699-3935	1	RESISTOR 287 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2870
R169	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R170	0699-1363	1	RESISTOR 61.9 +-1% .125W TKF TC=0+-100	05524	CRCW120661R9F
R171	0699-1363	1	RESISTOR 61.9 +-1% .125W TKF TC=0+-100	05524	CRCW120661R9F
R172	0699-1363	1	RESISTOR 61.9 +-1% .125W TKF TC=0+-100	05524	CRCW120661R9F
R180	0699-3939	1	RESISTOR 422 +-1% .063W TKF TC=0+-200	00746	MCR03-EZH-F-4220
R181	0699-3367	1	RESISTOR 5.62K +-1% .0625W TKF TC=0+-200	06337	232270465622
R182	0699-1356	1	RESISTOR 31.6 +-1% .125W TKF TC=0+-100	09891	RK73H2BT31R6F
R184	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R185	0699-3937	1	RESISTOR 348 +-1% .063W TKF TC=0+-200	00746	MCR03-F-3480
R186	0699-3908	1	RESISTOR 19.6 +-1% .063W TKF TC=0+-200	09891	RK73H1J19R6F
R187	0699-3910	1	RESISTOR 23.7 +-1% .063W TKF TC=0+-200	09891	RK73H1J23R7F
R188	0699-3910	1	RESISTOR 23.7 +-1% .063W TKF TC=0+-200	09891	RK73H1J23R7F
R189	0699-3910	1	RESISTOR 23.7 +-1% .063W TKF TC=0+-200	09891	RK73H1J23R7F
R190	0699-3910	1	RESISTOR 23.7 +-1% .063W TKF TC=0+-200	09891	RK73H1J23R7F
R191	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R192	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000

**Indicates factory-selected value*

HP Part Number E4423-60018
Reference (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R193	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R194	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R195	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R196	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R197	0699-1437	1	RESISTOR 825 +-1% .125W TKF TC=0+-100	00746	MCR18-F-8250
R198	0699-1437	1	RESISTOR 825 +-1% .125W TKF TC=0+-100	00746	MCR18-F-8250
R199	0699-1436	1	RESISTOR 750 +-1% .125W TKF TC=0+-100	09891	RK73H2BT7500F
R200	0699-1318	1	RESISTOR 1K +-1% .125W TKF TC=0+-100	00746	MCR18-F-1001
R201	0699-1344	1	RESISTOR 10 +-1% .125W TKF TC=0+-100	09891	RK73H2BT10R0F
R202	0699-3765	1	RESISTOR 115 +-0.1% .125W TF TC=0+-25	02499	W1206-R03-1150-B
R203	0699-2488	1	RESISTOR 100 +-0.1% .125W TF TC=0+-25	02499	W1206R031000BT
R204	0699-2832	1	RESISTOR 200 +-0.1% .125W TF TC=0+-25	02499	W1206R032000BT
R205	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R206	0699-2833	1	RESISTOR 300 +-0.1% .125W TF TC=0+-25	01172	BLU-1206 300R .1% 25PPM
R207	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R208	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R209	0699-3765	1	RESISTOR 115 +-0.1% .125W TF TC=0+-25	02499	W1206-R03-1150-B
R210	0699-2488	1	RESISTOR 100 +-0.1% .125W TF TC=0+-25	02499	W1206R031000BT
R211	0699-2832	1	RESISTOR 200 +-0.1% .125W TF TC=0+-25	02499	W1206R032000BT
R212	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R213	0699-2833	1	RESISTOR 300 +-0.1% .125W TF TC=0+-25	01172	BLU-1206 300R .1% 25PPM
R214	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R215	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R216	0699-2490	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	02499	W1206R031001BT
R218	0699-2490	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	02499	W1206R031001BT
R219	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R220	0699-1344	1	RESISTOR 10 +-1% .125W TKF TC=0+-100	09891	RK73H2BT10R0F
R221	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R222	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R223	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R224	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R226	0699-1785	1	RESISTOR 13.3K +-1% .125W TKF TC=0+-100	05524	CRCW12061332F
R227	0699-2847	1	RESISTOR 2K +-0.1% .125W TF TC=0+-25	01172	BLU-1206 2K .1% 25PPM
R229	0699-2847	1	RESISTOR 2K +-0.1% .125W TF TC=0+-25	01172	BLU-1206 2K .1% 25PPM
R230	0699-2827	1	RESISTOR 900 +-0.1% .125W TF TC=0+-25	02499	W1206R039000BT

**Indicates factory-selected value*

HP Part Number E4423-60018
Reference (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R231	0699-2828	1	RESISTOR 1.5K +-0.1% .125W TF TC=0+-25	01172	BLU-1206 1K5 .1% 25PPM
R232	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R233	0699-3966	1	RESISTOR 6.81K +-1% .063W TKF TC=0+-200	09891	RK73H1J6811F
R234	0699-3960	1	RESISTOR 3.48K +-1% .063W TKF TC=0+-200	09891	RK73H1J3481F
R235	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R236	0699-3986	1	RESISTOR 46.4K +-1% .063W TKF TC=0+-200	09891	RK73H1J4642F
R237	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	09891	RK73H1J1003F
R238	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R241	0699-1415	1	RESISTOR 100 +-1% .125W TKF TC=0+-100	05524	CRCW12061000F
R242	0698-3618	1	RESISTOR 82 +-5% 2W MO TC=0+-200	02499	GS-382R0
R243	0699-3950	1	RESISTOR 1.33K +-1% .063W TKF TC=0+-200	09891	RK73H1J1331F
R244	0699-3945	1	RESISTOR 825 +-1% .063W TKF TC=0+-200	00746	MCR03-F-8250
R245	0699-1415	1	RESISTOR 100 +-1% .125W TKF TC=0+-100	05524	CRCW12061000F
R246	0699-3949	1	RESISTOR 1.21K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1211
R247	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R248	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R249	0699-3909	1	RESISTOR 21.5 +-1% .063W TKF TC=0+-200	09891	RK73H1J21R5F
R250	0699-2823	1	RESISTOR 8K +-0.1% .125W TF TC=0+-25	02499	W1206R038001BT
R251	0699-2847	1	RESISTOR 2K +-0.1% .125W TF TC=0+-25	01172	BLU-1206 2K .1% 25PPM
R252	0699-3986	1	RESISTOR 46.4K +-1% .063W TKF TC=0+-200	09891	RK73H1J4642F
R253	0699-3986	1	RESISTOR 46.4K +-1% .063W TKF TC=0+-200	09891	RK73H1J4642F
R254	0699-3955	1	RESISTOR 2.15K +-1% .063W TKF TC=0+-200	09891	RK73H1J2151F
R255	0699-1344	1	RESISTOR 10 +-1% .125W TKF TC=0+-100	09891	RK73H2BT10R0F
R256	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R257	0699-1344	1	RESISTOR 10 +-1% .125W TKF TC=0+-100	09891	RK73H2BT10R0F
R258	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	09891	RK73H1J1003F
R259	0699-3949	1	RESISTOR 1.21K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1211
R260	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R261	0699-4012	1	RESISTOR 681K +-1% .063W TKF TC=0+-200	09891	RK73H1J6813F
R262	0699-3939	1	RESISTOR 422 +-1% .063W TKF TC=0+-200	00746	MCR03-EZH-F-4220
R263	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R264	0699-3912	1	RESISTOR 28.7 +-1% .063W TKF TC=0+-200	05524	CRCW060328R7F
R265	0699-3912	1	RESISTOR 28.7 +-1% .063W TKF TC=0+-200	05524	CRCW060328R7F
R266	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R267	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F

**Indicates factory-selected value*

HP Part Number E4423-60018
Reference (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R270	0699-3917	1	RESISTOR 46.4 +-1% .063W TKF TC=0+-200	09891	RK73H1J46R4F
R275	0699-3917	1	RESISTOR 46.4 +-1% .063W TKF TC=0+-200	09891	RK73H1J46R4F
R280	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R281	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R282	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R283	0699-3974	1	RESISTOR 14.7K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1472
R284	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R285	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R286	0699-3974	1	RESISTOR 14.7K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1472
R301	0699-3997	1	RESISTOR 147K +-1% .063W TKF TC=0+-200	09891	RK73H1J1473F
R302	0699-1318	1	RESISTOR 1K +-1% .125W TKF TC=0+-100	00746	MCR18-F-1001
R303	0699-4009	1	RESISTOR 464K +-1% .063W TKF TC=0+-200	09891	RK73H1J4643F
R305	0699-4009	1	RESISTOR 464K +-1% .063W TKF TC=0+-200	09891	RK73H1J4643F
R306	0699-3987	1	RESISTOR 51.1K +-1% .063W TKF TC=0+-200	09891	RK73H1J5112F
R307	0699-3981	1	RESISTOR 28.7K +-1% .063W TKF TC=0+-200	09891	RK73H1J2872F
R310	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R311	0699-3959	1	RESISTOR 3.16K +-1% .063W TKF TC=0+-200	00746	MCR03-F-3161
R312	0699-3981	1	RESISTOR 28.7K +-1% .063W TKF TC=0+-200	09891	RK73H1J2872F
R313	0699-4009	1	RESISTOR 464K +-1% .063W TKF TC=0+-200	09891	RK73H1J4643F
R315	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J2152F
R316	0699-2843	1	RESISTOR 100K +-0.1% .125W TF TC=0+-25	01172	BLU-1206 100K .1% 25PPM
R317	0699-2843	1	RESISTOR 100K +-0.1% .125W TF TC=0+-25	01172	BLU-1206 100K .1% 25PPM
R319	0699-4009	1	RESISTOR 464K +-1% .063W TKF TC=0+-200	09891	RK73H1J4643F
R320	0699-4009	1	RESISTOR 464K +-1% .063W TKF TC=0+-200	09891	RK73H1J4643F
R321	0699-3987	1	RESISTOR 51.1K +-1% .063W TKF TC=0+-200	09891	RK73H1J5112F
R322	0699-3981	1	RESISTOR 28.7K +-1% .063W TKF TC=0+-200	09891	RK73H1J2872F
R323	0699-3981	1	RESISTOR 28.7K +-1% .063W TKF TC=0+-200	09891	RK73H1J2872F
R324	0699-4009	1	RESISTOR 464K +-1% .063W TKF TC=0+-200	09891	RK73H1J4643F
R326	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R327	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R328	0699-3997	1	RESISTOR 147K +-1% .063W TKF TC=0+-200	09891	RK73H1J1473F
R329	0699-3959	1	RESISTOR 3.16K +-1% .063W TKF TC=0+-200	00746	MCR03-F-3161
R330	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J2152F
R331	0699-3985	1	RESISTOR 42.2K +-1% .063W TKF TC=0+-200	09891	RK73H1J4222F
R332	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F

**Indicates factory-selected value*

HP Part Number E4423-60018
Reference (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R334	0699-3967	1	RESISTOR 7.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J7501F
R335	0699-3985	1	RESISTOR 42.2K +-1% .063W TKF TC=0+-200	09891	RK73H1J4222F
R339	0699-4016	1	RESISTOR 1M +-1% .063W TKF TC=0+-200	00746	MCR03-F-1004
R340	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	09891	RK73H1J5111F
R341	0699-1447	1	RESISTOR 261K +-1% .125W TKF TC=0+-100	09891	RK73H2BT2613F
R342	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	09891	RK73H1J5111F
R343	0699-1327	1	RESISTOR 1M +-1% .125W TKF TC=0+-100	09891	RK73H2BT1004F
R344	0699-1447	1	RESISTOR 261K +-1% .125W TKF TC=0+-100	09891	RK73H2BT2613F
R346	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R347	0699-3958	1	RESISTOR 2.87K +-1% .063W TKF TC=0+-200	09891	RK73H1J2871F
R348	0699-3940	1	RESISTOR 464 +-1% .063W TKF TC=0+-200	09891	RK73H1J4640F
R349	0699-3967	1	RESISTOR 7.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J7501F
R351	0699-3967	1	RESISTOR 7.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J7501F
R352	0699-3940	1	RESISTOR 464 +-1% .063W TKF TC=0+-200	09891	RK73H1J4640F
R353	0699-3967	1	RESISTOR 7.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J7501F
R354	0699-4016	1	RESISTOR 1M +-1% .063W TKF TC=0+-200	00746	MCR03-F-1004
R355	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	09891	RK73H1J5111F
R356	0699-1447	1	RESISTOR 261K +-1% .125W TKF TC=0+-100	09891	RK73H2BT2613F
R357	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	09891	RK73H1J5111F
R358	0699-1447	1	RESISTOR 261K +-1% .125W TKF TC=0+-100	09891	RK73H2BT2613F
R359	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R360	0699-3958	1	RESISTOR 2.87K +-1% .063W TKF TC=0+-200	09891	RK73H1J2871F
R372	0699-1327	1	RESISTOR 1M +-1% .125W TKF TC=0+-100	09891	RK73H2BT1004F
R380	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R381	0699-3921	1	RESISTOR 75 +-1% .063W TKF TC=0+-200	00746	MCR03-F-75R0
R382	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R383	0699-1416	1	RESISTOR 110 +-1% .125W TKF TC=0+-100	05524	CRCW12061100F
R384	0699-1416	1	RESISTOR 110 +-1% .125W TKF TC=0+-100	05524	CRCW12061100F
R385	0699-1415	1	RESISTOR 100 +-1% .125W TKF TC=0+-100	05524	CRCW12061000F
R386	0699-3928	1	RESISTOR 147 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1470
R387	0699-3915	1	RESISTOR 38.3 +-1% .063W TKF TC=0+-200	09891	RK73H1J38R3F
R388	0699-3928	1	RESISTOR 147 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1470
TP1	1460-2594	1	CONNECTOR-SGL CONT SPR .01-IN-BSC-SZ REC	12965	TP-108
TP2	1460-2594	1	CONNECTOR-SGL CONT SPR .01-IN-BSC-SZ REC	12965	TP-108
TP3	1460-2594	1	CONNECTOR-SGL CONT SPR .01-IN-BSC-SZ REC	12965	TP-108

**Indicates factory-selected value*

HP Part Number E4423-60018
Reference (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
TP4	1460-2594	1	CONNECTOR-SGL CONT SPR .01-IN-BSC-SZ REC	12965	TP-108
TP5	1460-2594	1	CONNECTOR-SGL CONT SPR .01-IN-BSC-SZ REC	12965	TP-108
TP6	1460-2594	1	CONNECTOR-SGL CONT SPR .01-IN-BSC-SZ REC	12965	TP-108
TP15	1460-2594	1	CONNECTOR-SGL CONT SPR .01-IN-BSC-SZ REC	12965	TP-108
TP200	1460-2594	1	CONNECTOR-SGL CONT SPR .01-IN-BSC-SZ REC	12965	TP-108
TP205	1460-2594	1	CONNECTOR-SGL CONT SPR .01-IN-BSC-SZ REC	12965	TP-108
TP206	1460-2594	1	CONNECTOR-SGL CONT SPR .01-IN-BSC-SZ REC	12965	TP-108
U1	1826-1687	1	IC PWR MGT-V-REF-FXD 9.95/10.05V 8 PINS	10858	LT1021DCS8-10
U4	1813-1065	1	CLK-OSC-XTAL STD 10.000-MHZ 0.05%	00278	1813-1065
U5	1820-5945	1	IC GATE CMOS/AC NAND QUAD 2-INP	36633	MC74AC00D
U6	1820-5945	1	IC GATE CMOS/AC NAND QUAD 2-INP	36633	MC74AC00D
U7	1820-5054	1	IC MV CMOS/HC MONOSTBL RETRIG DUAL	06354	TC74HC123AFN
U9	1826-1838	1	IC PWR MGT-V-REF-FXD 4.95/5.05V 8 PINS	10858	LT1021DCS8-5
U10	1820-5945	1	IC GATE CMOS/AC NAND QUAD 2-INP	36633	MC74AC00D
U11	1820-6391	1	IC GATE CMOS/AC EXCL-OR QUAD 2-INP	02237	74AC86SCX.
U12	1826-1622	1	IC OP AMP LOW-BIAS-H-IMPD QUAD 14 PIN	01698	TL074CD
U13	1826-1687	1	IC PWR MGT-V-REF-FXD 9.95/10.05V 8 PINS	10858	LT1021DCS8-10
U14	1820-5951	1	IC GATE CMOS/AC AND QUAD 2-INP	36633	MC74AC08DR2
U15	1818-5236	1	IC 4K-BIT EEPROM 500-NS CMOS	04078	M93C66-MN6
U16	1820-6752	1	IC-ASIC GT-ARY CMOS 6206 PLCC	03406	SCX6206TQM/V2
U17	1820-5934	1	IC DCDR-DEMUXR CMOS/AC BIN 8-TO-1-LINE	36633	MC74AC138DR2
U18	1820-5804	1	IC SHF-RGTR CMOS/HC SYNC/ASYNC	01698	SN74HC165D
U19	1820-5804	1	IC SHF-RGTR CMOS/HC SYNC/ASYNC	01698	SN74HC165D
U20	1820-6277	1	IC SHF-RGTR CMOS/HC SYNC/ASYNC SERIAL-IN	02237	MM74HC595M
U21	1820-6277	1	IC SHF-RGTR CMOS/HC SYNC/ASYNC SERIAL-IN	02237	MM74HC595M
U22	1820-6277	1	IC SHF-RGTR CMOS/HC SYNC/ASYNC SERIAL-IN	02237	MM74HC595M
U23	1820-6277	1	IC SHF-RGTR CMOS/HC SYNC/ASYNC SERIAL-IN	02237	MM74HC595M
U24	1826-1619	1	D/A 8-BIT 20-PLCC CMOS	03285	AD7528JP
U25	1826-1622	1	IC OP AMP LOW-BIAS-H-IMPD QUAD 14 PIN	01698	TL074CD
U26	1826-2149	1	ANALOG SWITCH 4 SPST 16 -P-SOIC	02883	DG444DY
U27	1820-5936	1	IC GATE CMOS/AC OR QUAD 2-INP	36633	MC74AC32DR2
U28	1820-5937	1	IC FF CMOS/AC D-TYPE POS-EDGE-TRIG	02237	74AC74SC.
U30	1821-1938	1	IC CNTR CMOS BIN ASYNCHRO NEG-EDGE-TRIG	36633	MC14060BD
U31	1826-1402	1	IC PWR MGT-V-REG-FXD-POS 4.8/5.2V 8 PINS	03406	LM78L05ACM
U32	1820-5937	1	IC FF CMOS/AC D-TYPE POS-EDGE-TRIG	02237	74AC74SC.

**Indicates factory-selected value*

HP Part Number E4423-60018
Reference (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
U100	1826-3741	1	IC RF/IF AMPL SINGLE 6 PIN PLASTIC-SOT	01542	INA-52063
U101	1826-2175	1	IC RF/IF AMPL SINGLE 4 PIN U-WAVE-PILL	01542	HPMA-0386T15
U102	1826-3741	1	IC RF/IF AMPL SINGLE 6 PIN PLASTIC-SOT	01542	INA-52063
U103	1820-5937	1	IC FF CMOS/AC D-TYPE POS-EDGE-TRIG	02237	74AC74SC.
U104	1820-5945	1	IC GATE CMOS/AC NAND QUAD 2-INP	36633	MC74AC00D
U105	1826-1925	1	IC OP AMP LOW-NOISE SINGLE 8 PIN	03285	OP-27GS
U106	1826-1838	1	IC PWR MGT-V-REF-FXD 4.95/5.05V 8 PINS	10858	LT1021DCS8-5
U107	1826-1528	1	IC COMPARATOR LP QUAD 14 PIN PLSTC-SOIC	03406	LM339M
U108	1820-7218	1	IC CNTR CMOS/AC BIN SYNCHRO	02237	74AC163SCX.
U109	1821-4291	1	IC-ASIC CL-BSD CMOS 64046 PLCC	02037	SC64046FNR2
U110	1826-3741	1	IC RF/IF AMPL SINGLE 6 PIN PLASTIC-SOT	01542	INA-52063
U200	1826-1985	1	ANALOG SWITCH 4 SPST 16 -P-SOIC	02883	DG411DY
U201	1826-3329	1	IC OP AMP VID-SPCL-FCTN SINGLE 8 PIN	03285	AD818AR
U202	1826-2147	1	ANALOG MULTIPLEXER 8 CHNL 16 -P-SOIC	02883	DG408DY
U203	1826-2147	1	ANALOG MULTIPLEXER 8 CHNL 16 -P-SOIC	02883	DG408DY
U204	1826-1619	1	D/A 8-BIT 20-PLCC CMOS	03285	AD7528JP
U205	1826-3000	1	IC AUDIO AMPL LOW-NOISE DUAL 8 PIN	03285	OP275GS
U206	1826-1810	1	IC OP AMP LOW-BIAS-H-IMPD SINGLE 8 PIN	01698	TL071CD
U207	1826-3329	1	IC OP AMP VID-SPCL-FCTN SINGLE 8 PIN	03285	AD818AR
U208	1826-2147	1	ANALOG MULTIPLEXER 8 CHNL 16 -P-SOIC	02883	DG408DY
U209	1826-1594	1	IC COMPARATOR GP SINGLE 8 PIN PLSTC-SOIC	03406	LM311M
U210	1826-2147	1	ANALOG MULTIPLEXER 8 CHNL 16 -P-SOIC	02883	DG408DY
U211	1826-3000	1	IC AUDIO AMPL LOW-NOISE DUAL 8 PIN	03285	OP275GS
U212	1826-1808	1	IC BFR HS 8 PIN DIP-P	03406	LM6321N
U213	1826-2147	1	ANALOG MULTIPLEXER 8 CHNL 16 -P-SOIC	02883	DG408DY
U214	1826-2147	1	ANALOG MULTIPLEXER 8 CHNL 16 -P-SOIC	02883	DG408DY
U215	1826-1899	1	D/A 12-BIT 28-PLCC CMOS	03285	AD7547JP
U216	1826-3000	1	IC AUDIO AMPL LOW-NOISE DUAL 8 PIN	03285	OP275GS
U217	1826-3000	1	IC AUDIO AMPL LOW-NOISE DUAL 8 PIN	03285	OP275GS
U219	1826-1899	1	D/A 12-BIT 28-PLCC CMOS	03285	AD7547JP
U221	1826-3329	1	IC OP AMP VID-SPCL-FCTN SINGLE 8 PIN	03285	AD818AR
U222	1826-2961	1	IC OP AMP GP SINGLE 8 PIN PLSTC-SOIC	03285	AD817AR
U300	1826-2147	1	ANALOG MULTIPLEXER 8 CHNL 16 -P-SOIC	02883	DG408DY
U301	1826-1622	1	IC OP AMP LOW-BIAS-H-IMPD QUAD 14 PIN	01698	TL074CD
U303	1826-1619	1	D/A 8-BIT 20-PLCC CMOS	03285	AD7528JP

**Indicates factory-selected value*

HP Part Number E4423-60018
Reference (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
U304	1826-1862	1	IC OP AMP LOW-BIAS-H-IMPD DUAL 8 PIN	04078	TL072CD
U305	1826-1572	1	IC COMPARATOR PRCN DUAL 8 PIN PLSTC-SOIC	02910	LM393D
U306	1820-5054	1	IC MV CMOS/HC MONOSTBL RETRIG DUAL	06354	TC74HC123AFN
U308	1820-5951	1	IC GATE CMOS/AC AND QUAD 2-INP	36633	MC74AC08DR2
U309	1820-5945	1	IC GATE CMOS/AC NAND QUAD 2-INP	36633	MC74AC00D
U312	1826-1572	1	IC COMPARATOR PRCN DUAL 8 PIN PLSTC-SOIC	02910	LM393D
U314	1820-5945	1	IC GATE CMOS/AC NAND QUAD 2-INP	36633	MC74AC00D
U315	1820-5054	1	IC MV CMOS/HC MONOSTBL RETRIG DUAL	06354	TC74HC123AFN
Z2	0410-4547	1	PRECISION STW 1000.05MHZ; SURFACE	16840	TRH1000

**Indicates factory-selected value*

Component-Level Information Packet for E4400-60002

Synthesizer/Doubler

HEWLETT PACKARD

HP Part No. E4400-90061
Printed in USA September 1999

Notice. The information contained in this document is subject to change without notice.

Hewlett-Packard makes no warranty of any kind with regard to this material, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Hewlett-Packard shall not be liable for errors contained herein or for incidental or consequential damages in connection with the furnishing, performance, or use of this material.

©Copyright Hewlett-Packard Company 1999
All Rights Reserved. Reproduction, adaptation, or translation without prior written permission is prohibited, except as allowed under the copyright laws.

HP Part Number E4400-60002
Synthesizer/Doubler

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C1	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C2	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C3	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C4	0160-7974	1	CAP-FXD 43pF +-5% 50 V CER C0G	12340	C0603C430J5GAC
C5	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C6	0160-7712	1	CAP-FXD 1500pF +-10% 50 V CER X7R	02010	06035C152KATRA
C7	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C8	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C9	0160-7950	1	CAP-FXD 0.068uF +-10% 50 V CER X7R	12340	C0805C683K5RAC
C10	0160-6444	1	CAP-FXD 0.022uF +-10% 50 V CER X7R	10374	GRM40X7R223K50
C11	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C12	0160-5949	1	CAP-FXD 680pF +-5% 50 V CER C0G	06352	C2012COG1H681J
C13	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C14	0160-6222	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	12105C104KAT A
C15	0160-6222	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	12105C104KAT A
C16	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C17	0160-6734	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	02010	12065C473KAT A
C18	0160-8518	1	CAP-FXD 0.18uF +-10% 50 V CER X7R	12340	C1210C184K5RAC
C19	0160-6222	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	12105C104KAT A
C20	0160-6734	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	02010	12065C473KAT A
C21	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C22	0180-3753	1	CAP-FXD 6.8uF +-20% 35 V TA	00039	NRD685M35R12
C23	0180-3753	1	CAP-FXD 6.8uF +-20% 35 V TA	00039	NRD685M35R12
C24	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C25	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C26	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C27	0160-7711	1	CAP-FXD 4700pF +-10% 50 V CER X7R	06352	C1608X7R1H472KT
C28	0160-6444	1	CAP-FXD 0.022uF +-10% 50 V CER X7R	10374	GRM40X7R223K50
C29	0160-5469	1	CAP-FXD 1uF +-10% 50 V POLYE-MET	05524	MKT 1826-1UF 10% 63VDC
C30	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C31	0180-4228	1	CAP-FXD 47uF +-20% 10 V TA	02010	TAJD476M010
C32	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C33	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C34	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C35	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT

**Indicates factory-selected value*

HP Part Number E4400-60002
Synthesizer/Doubler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C36	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C37	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C39	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C40	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C41	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C42	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C43	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C44	0160-6102	1	CAP-FXD 1500pF +-5% 50 V CER C0G	06352	C3216CH1H152J
C45	0160-6102	1	CAP-FXD 1500pF +-5% 50 V CER C0G	06352	C3216CH1H152J
C46	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C47	0180-4116	1	CAP-FXD 22uF +-20% 20 V TA	02010	TAJD226M020
C48	0160-5951	1	CAP-FXD 390pF +-5% 50 V CER C0G	09939	GRM40C0G391J050C
C49	0160-5951	1	CAP-FXD 390pF +-5% 50 V CER C0G	09939	GRM40C0G391J050C
C50	0160-5951	1	CAP-FXD 390pF +-5% 50 V CER C0G	09939	GRM40C0G391J050C
C51	0160-5951	1	CAP-FXD 390pF +-5% 50 V CER C0G	09939	GRM40C0G391J050C
C52	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C53	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C54	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C55	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C56	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C57	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C58	0160-6222	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	12105C104KAT A
C59	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C60	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C61	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C62	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C63	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C64	0160-6222	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	12105C104KAT A
C65	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C66	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C68	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C69	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C70	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C71	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C72	0160-6734	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	02010	12065C473KAT A

**Indicates factory-selected value*

HP Part Number E4400-60002
Synthesizer/Doubler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C73	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C74	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C75	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C76	0160-6222	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	12105C104KAT A
C77	0160-6222	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	12105C104KAT A
C79	0160-6734	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	02010	12065C473KAT A
C80	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C81	0160-7841	1	CAP-FXD 15pF +-5% 50 V CER C0G	02010	06035A150JAT
C82	0160-6734	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	02010	12065C473KAT A
C83	0160-6734	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	02010	12065C473KAT A
C84	0160-6222	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	12105C104KAT A
C85	0160-6734	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	02010	12065C473KAT A
C86	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C87	0160-6734	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	02010	12065C473KAT A
C88	0160-7865	1	CAP-FXD 560pF +-10% 50 V CER X7R	02010	06035C561KAT
C89	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C90	0160-7711	1	CAP-FXD 4700pF +-10% 50 V CER X7R	06352	C1608X7R1H472KT
C91	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C92	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C93	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C94	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C95	0180-4116	1	CAP-FXD 22uF +-20% 20 V TA	02010	TAJD226M020
C96	0160-7809	1	CAP-FXD 0.015uF +-10% 50 V CER X7R	02010	06035C153KAT
C97	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C98	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C99	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C100	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C101	0180-3755	1	CAP-FXD 33uF +-20% 10 V TA	02010	TAJD336M010
C102	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C103	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C104	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C105	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C106	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C107	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C108	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035

**Indicates factory-selected value*

HP Part Number E4400-60002
Synthesizer/Doubler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C109	0160-7809	1	CAP-FXD 0.015uF +-10% 50 V CER X7R	02010	06035C153KAT
C110	0160-7809	1	CAP-FXD 0.015uF +-10% 50 V CER X7R	02010	06035C153KAT
C111	0160-7809	1	CAP-FXD 0.015uF +-10% 50 V CER X7R	02010	06035C153KAT
C112	0160-7809	1	CAP-FXD 0.015uF +-10% 50 V CER X7R	02010	06035C153KAT
C113	0160-7809	1	CAP-FXD 0.015uF +-10% 50 V CER X7R	02010	06035C153KAT
C114	0160-7809	1	CAP-FXD 0.015uF +-10% 50 V CER X7R	02010	06035C153KAT
C115	0160-7809	1	CAP-FXD 0.015uF +-10% 50 V CER X7R	02010	06035C153KAT
C116	0160-7809	1	CAP-FXD 0.015uF +-10% 50 V CER X7R	02010	06035C153KAT
C117	0160-7809	1	CAP-FXD 0.015uF +-10% 50 V CER X7R	02010	06035C153KAT
C118	0160-7809	1	CAP-FXD 0.015uF +-10% 50 V CER X7R	02010	06035C153KAT
C119	0160-7809	1	CAP-FXD 0.015uF +-10% 50 V CER X7R	02010	06035C153KAT
C120	0160-7809	1	CAP-FXD 0.015uF +-10% 50 V CER X7R	02010	06035C153KAT
C121	0160-7809	1	CAP-FXD 0.015uF +-10% 50 V CER X7R	02010	06035C153KAT
C122	0160-7809	1	CAP-FXD 0.015uF +-10% 50 V CER X7R	02010	06035C153KAT
C123	0160-6222	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	12105C104KAT A
C124	0160-6222	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	12105C104KAT A
C125	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C127	0180-3755	1	CAP-FXD 33uF +-20% 10 V TA	02010	TAJD336M010
C128	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C129	0160-7809	1	CAP-FXD 0.015uF +-10% 50 V CER X7R	02010	06035C153KAT
C130	0160-6734	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	02010	12065C473KAT A
C131	0180-3755	1	CAP-FXD 33uF +-20% 10 V TA	02010	TAJD336M010
C132	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C133	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C134	0160-7867	1	CAP-FXD 6.8pF +-3.68% 50 V CER C0G	12340	C0603C689C5GAC
C135	0160-6734	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	02010	12065C473KAT A
C136	0160-6734	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	02010	12065C473KAT A
C137	0160-7979	1	CAP-FXD 110pF +-5% 50 V CER C0G	12340	C0603C111J5GAC
C138	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C139	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C140	0160-7841	1	CAP-FXD 15pF +-5% 50 V CER C0G	02010	06035A150JAT
C141	0160-6734	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	02010	12065C473KAT A
C142	0160-6734	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	02010	12065C473KAT A
C143	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C144	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K

**Indicates factory-selected value*

HP Part Number E4400-60002
Synthesizer/Doubler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C145	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C146	0160-7809	1	CAP-FXD 0.015uF +-10% 50 V CER X7R	02010	06035C153KAT
C147	0160-6734	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	02010	12065C473KAT A
C148	0160-6734	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	02010	12065C473KAT A
C149	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C150	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C151	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C152	0160-7748	1	CAP-FXD 1000pF +-10% 50 V CER X7R	12340	C0603C102K5RAC
C153	0160-7748	1	CAP-FXD 1000pF +-10% 50 V CER X7R	12340	C0603C102K5RAC
C154	0160-6100	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C3216CH1H102J
C155	0160-6098	1	CAP-FXD 680pF +-5% 50 V CER C0G	02010	12065A681JAT A
C156	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C157	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C158	0160-6734	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	02010	12065C473KAT A
C159	0160-6734	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	02010	12065C473KAT A
C160	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C161	0160-7864	1	CAP-FXD 56pF +-5% 50 V CER C0G	02010	06035A560JAT
C162	0160-6100	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C3216CH1H102J
C163	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C164	0160-7867	1	CAP-FXD 6.8pF +-3.68% 50 V CER C0G	12340	C0603C689C5GAC
C165	0160-7776	1	CAP-FXD 3.9pF +-6.4% 50 V CER C0G	13853	0603G3R9C500ST
C166	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C167	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C169	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C170	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C171	0180-4116	1	CAP-FXD 22uF +-20% 20 V TA	02010	TAJD226M020
C172	0160-5951	1	CAP-FXD 390pF +-5% 50 V CER C0G	09939	GRM40C0G391J050C
C173	0160-6734	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	02010	12065C473KAT A
C174	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C175	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C176	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C179	0160-7809	1	CAP-FXD 0.015uF +-10% 50 V CER X7R	02010	06035C153KAT
C181	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C182	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C183	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K

**Indicates factory-selected value*

HP Part Number E4400-60002
Synthesizer/Doubler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C184	0180-3755	1	CAP-FXD 33uF +-20% 10 V TA	02010	TAJD336M010
C185	0180-3755	1	CAP-FXD 33uF +-20% 10 V TA	02010	TAJD336M010
C186	0160-6222	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	12105C104KAT A
C187	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C188	0160-7809	1	CAP-FXD 0.015uF +-10% 50 V CER X7R	02010	06035C153KAT
C189	0180-4116	1	CAP-FXD 22uF +-20% 20 V TA	02010	TAJD226M020
C190	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C191	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C192	0160-7711	1	CAP-FXD 4700pF +-10% 50 V CER X7R	06352	C1608X7R1H472KT
C193	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C194	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C195	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C196	0160-7711	1	CAP-FXD 4700pF +-10% 50 V CER X7R	06352	C1608X7R1H472KT
C197	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C198	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C199	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C200	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C201	0160-5952	1	CAP-FXD 330pF +-5% 50 V CER C0G	09939	GRM40-001C0G331J050C
C202	0160-7867	1	CAP-FXD 6.8pF +-3.68% 50 V CER C0G	12340	C0603C689C5GAC
C203	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C204	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C205	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C206	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C207	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C208	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C209	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C210	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C211	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C212	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C213	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C214	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C215	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C216	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C217	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C218	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J

**Indicates factory-selected value*

HP Part Number E4400-60002
Synthesizer/Doubler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C219	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C220	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C221	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C222	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C223	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C224	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C225	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C226	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C227	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C228	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C229	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C230	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C231	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C232	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C233	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C234	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C235	0160-7853	1	CAP-FXD 3.3pF +-7.6% 50 V CER C0G	02010	06035A3R3CAT
C236	0160-7853	1	CAP-FXD 3.3pF +-7.6% 50 V CER C0G	02010	06035A3R3CAT
C237	0160-7748	1	CAP-FXD 1000pF +-10% 50 V CER X7R	12340	C0603C102K5RAC
C238	0160-7853	1	CAP-FXD 3.3pF +-7.6% 50 V CER C0G	02010	06035A3R3CAT
C239	0160-7853	1	CAP-FXD 3.3pF +-7.6% 50 V CER C0G	02010	06035A3R3CAT
C240	0160-7853	1	CAP-FXD 3.3pF +-7.6% 50 V CER C0G	02010	06035A3R3CAT
C241	0160-7853	1	CAP-FXD 3.3pF +-7.6% 50 V CER C0G	02010	06035A3R3CAT
C242	0160-7830	1	CAP-FXD 1pF +-25% 50 V CER C0G	02010	06035A1R0CAT
C243	0160-7853	1	CAP-FXD 3.3pF +-7.6% 50 V CER C0G	02010	06035A3R3CAT
C244	0160-7853	1	CAP-FXD 3.3pF +-7.6% 50 V CER C0G	02010	06035A3R3CAT
C245	0160-7853	1	CAP-FXD 3.3pF +-7.6% 50 V CER C0G	02010	06035A3R3CAT
C246	0160-7853	1	CAP-FXD 3.3pF +-7.6% 50 V CER C0G	02010	06035A3R3CAT
C247	0160-7830	1	CAP-FXD 1pF +-25% 50 V CER C0G	02010	06035A1R0CAT
C248	0160-7848	1	CAP-FXD 2.7pF +-9.26% 50 V CER C0G	02010	06035A2R7CAT
C249	0160-7748	1	CAP-FXD 1000pF +-10% 50 V CER X7R	12340	C0603C102K5RAC
C250	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C253	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C254	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C255	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT

**Indicates factory-selected value*

HP Part Number E4400-60002
Synthesizer/Doubler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C256	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C257	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C258	0160-7736	1	CAP-FXD 1uF +-10% 16 V CER X7R	06352	C3216X7R1C105K
C259	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C260	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C261	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C262	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C263	0160-7771	1	CAP-FXD 8.2pF +-3% 50 V CER C0G	13853	0603G8R2C500ST
C264	0160-7775	1	CAP-FXD 5.6pF +-4.5% 50 V CER C0G	13853	0603G5R6C500ST
C265	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C266	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C267	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C268	0160-7775	1	CAP-FXD 5.6pF +-4.5% 50 V CER C0G	13853	0603G5R6C500ST
C269	0160-7775	1	CAP-FXD 5.6pF +-4.5% 50 V CER C0G	13853	0603G5R6C500ST
C270	0160-7848	1	CAP-FXD 2.7pF +-9.26% 50 V CER C0G	02010	06035A2R7CAT
C271	0160-7775	1	CAP-FXD 5.6pF +-4.5% 50 V CER C0G	13853	0603G5R6C500ST
C272	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C273	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C274	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C275	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C276	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C277	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C278	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C279	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C280	0160-7771	1	CAP-FXD 8.2pF +-3% 50 V CER C0G	13853	0603G8R2C500ST
C281	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C282	0180-3755	1	CAP-FXD 33uF +-20% 10 V TA	02010	TAJD336M010
C283	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C284	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C285	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C286	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C287	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C288	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C289	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C290	0180-3755	1	CAP-FXD 33uF +-20% 10 V TA	02010	TAJD336M010

**Indicates factory-selected value*

HP Part Number E4400-60002
Synthesizer/Doubler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C291	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C292	0160-7748	1	CAP-FXD 1000pF +-10% 50 V CER X7R	12340	C0603C102K5RAC
C293	0160-6734	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	02010	12065C473KAT A
C294	0160-6734	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	02010	12065C473KAT A
C295	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C296	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C297	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C298	0160-7809	1	CAP-FXD 0.015uF +-10% 50 V CER X7R	02010	06035C153KAT
C299	0160-7809	1	CAP-FXD 0.015uF +-10% 50 V CER X7R	02010	06035C153KAT
C300	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C301	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C302	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C303	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C304	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C306	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C307	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C308	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C309	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C310	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C311	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C313	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C314	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C316	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C317	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C318	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C319	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C320	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C321	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C322	0160-7390	1	CAP-FXD 360pF +-5% 50 V CER C0G	06352	C2012C0G1H361JT
C324	0160-7775	1	CAP-FXD 5.6pF +-4.5% 50 V CER C0G	13853	0603G5R6C500ST
C325	0160-7775	1	CAP-FXD 5.6pF +-4.5% 50 V CER C0G	13853	0603G5R6C500ST
C326	0160-7864	1	CAP-FXD 56pF +-5% 50 V CER C0G	02010	06035A560JAT
C327	0160-7979	1	CAP-FXD 110pF +-5% 50 V CER C0G	12340	C0603C111J5GAC
C328	0160-7987	1	CAP-FXD 430pF +-5% 50 V CER C0G	06352	C1608COG1H431J
C329	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J

**Indicates factory-selected value*

HP Part Number E4400-60002
Synthesizer/Doubler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C330	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C331	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C332	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C333	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C334	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C335	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C336	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C337	0160-7775	1	CAP-FXD 5.6pF +-4.5% 50 V CER C0G	13853	0603G5R6C500ST
C338	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C339	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C340	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C341	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C342	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C343	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C344	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C345	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C346	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C347	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C348	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C349	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C350	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C351	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C352	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C353	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C354	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C355	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C356	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C357	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C358	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C359	0160-7749	1	CAP-FXD 22pF +-5% 50 V CER C0G	06352	C1608C0G1H220JT8P
C360	0160-7749	1	CAP-FXD 22pF +-5% 50 V CER C0G	06352	C1608C0G1H220JT8P
C361	0160-7771	1	CAP-FXD 8.2pF +-3% 50 V CER C0G	13853	0603G8R2C500ST
C362	0160-7771	1	CAP-FXD 8.2pF +-3% 50 V CER C0G	13853	0603G8R2C500ST
C363	0160-7775	1	CAP-FXD 5.6pF +-4.5% 50 V CER C0G	13853	0603G5R6C500ST
C364	0160-7853	1	CAP-FXD 3.3pF +-7.6% 50 V CER C0G	02010	06035A3R3CAT

**Indicates factory-selected value*

HP Part Number E4400-60002
Synthesizer/Doubler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C365	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C366	0160-7850	1	CAP-FXD 27pF +-5% 50 V CER C0G	02010	06035A270JAT
C367	0160-6222	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	12105C104KAT A
C368	0160-7809	1	CAP-FXD 0.015uF +-10% 50 V CER X7R	02010	06035C153KAT
C369	0160-7809	1	CAP-FXD 0.015uF +-10% 50 V CER X7R	02010	06035C153KAT
C370	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C371	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C372	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C373	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C374	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C375	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C376	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C377	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C378	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C379	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C380	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C381	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C382	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C383	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C384	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C385	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C386	0160-7861	1	CAP-FXD 47pF +-5% 50 V CER C0G	02010	06035A470JAT
C387	0160-7861	1	CAP-FXD 47pF +-5% 50 V CER C0G	02010	06035A470JAT
C388	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C389	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C390	0160-7809	1	CAP-FXD 0.015uF +-10% 50 V CER X7R	02010	06035C153KAT
C392	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C393	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C394	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C395	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C400	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C401	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C402	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C403	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C404	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT

HP Part Number E4400-60002
Synthesizer/Doubler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C405	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C406	0160-7850	1	CAP-FXD 27pF +-5% 50 V CER C0G	02010	06035A270JAT
C407	0160-7850	1	CAP-FXD 27pF +-5% 50 V CER C0G	02010	06035A270JAT
C408	0160-7850	1	CAP-FXD 27pF +-5% 50 V CER C0G	02010	06035A270JAT
C409	0160-7850	1	CAP-FXD 27pF +-5% 50 V CER C0G	02010	06035A270JAT
C410	0160-7850	1	CAP-FXD 27pF +-5% 50 V CER C0G	02010	06035A270JAT
C411	0160-7850	1	CAP-FXD 27pF +-5% 50 V CER C0G	02010	06035A270JAT
C412	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C413	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C414	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C415	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C416	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C417	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C418	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C419	0160-7711	1	CAP-FXD 4700pF +-10% 50 V CER X7R	06352	C1608X7R1H472KT
C420	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C421	0160-7711	1	CAP-FXD 4700pF +-10% 50 V CER X7R	06352	C1608X7R1H472KT
C422	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C424	0160-7971	1	CAP-FXD 20pF +-5% 50 V CER C0G	02010	06035A200JAT
C425	0160-7971	1	CAP-FXD 20pF +-5% 50 V CER C0G	02010	06035A200JAT
C428	0160-7711	1	CAP-FXD 4700pF +-10% 50 V CER X7R	06352	C1608X7R1H472KT
C429	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C430	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C431	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C432	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C435	0160-7511	1	CAP-FXD 270pF +-5% 50 V CER C0G	06352	C1608COG1H271J
C436	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C437	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C438	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C439	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C440	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C441	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C442	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C443	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C444	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT

**Indicates factory-selected value*

HP Part Number E4400-60002
Synthesizer/Doubler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C445	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C446	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C448	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C450	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C451	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C452	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C454	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C455	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C456	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C457	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C458	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C459	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C460	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C461	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C462	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C463	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C464	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C465	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C466	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C467	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C468	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C470	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C471	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C472	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C475	0160-7809	1	CAP-FXD 0.015uF +-10% 50 V CER X7R	02010	06035C153KAT
C476	0160-7711	1	CAP-FXD 4700pF +-10% 50 V CER X7R	06352	C1608X7R1H472KT
C477	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C478	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C480	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C481	0160-7809	1	CAP-FXD 0.015uF +-10% 50 V CER X7R	02010	06035C153KAT
C482	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C483	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C484	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C486	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C487	0160-7809	1	CAP-FXD 0.015uF +-10% 50 V CER X7R	02010	06035C153KAT

**Indicates factory-selected value*

HP Part Number E4400-60002
Synthesizer/Doubler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C489	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C490	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C495	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C496	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C499	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C500	0160-7809	1	CAP-FXD 0.015uF +-10% 50 V CER X7R	02010	06035C153KAT
C501	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C502	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C503	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C504	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
CR1	1900-0078	1	DIODE-SCHOTTKY SM SIG	01542	HSMS-2800
CR6	E4400-50006	1		28480	E4400-50006
CR7	E4400-50006	1		28480	E4400-50006
CR8	E4400-50006	1		28480	E4400-50006
CR9	E4400-50006	1		28480	E4400-50006
CR10	E4400-50006	1		28480	E4400-50006
CR11	E4400-50006	1		28480	E4400-50006
CR12	E4400-50006	1		28480	E4400-50006
CR13	E4400-50006	1		28480	E4400-50006
CR14	1900-0074	1	DIODE-SCHOTTKY SM SIG	01542	1900-0074
CR15	1900-0074	1	DIODE-SCHOTTKY SM SIG	01542	1900-0074
CR16	1900-0074	1	DIODE-SCHOTTKY SM SIG	01542	1900-0074
CR17	1900-0074	1	DIODE-SCHOTTKY SM SIG	01542	1900-0074
CR101	1900-0273	1	DIODE-PIN	01542	HSMP-3892
CR102	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR103	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR104	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR105	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR106	1900-0074	1	DIODE-SCHOTTKY SM SIG	01542	1900-0074
CR107	1900-0074	1	DIODE-SCHOTTKY SM SIG	01542	1900-0074
CR111	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR112	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR200	1900-0273	1	DIODE-PIN	01542	HSMP-3892
CR201	1900-0273	1	DIODE-PIN	01542	HSMP-3892
CR202	1900-0273	1	DIODE-PIN	01542	HSMP-3892

**Indicates factory-selected value*

HP Part Number E4400-60002
Synthesizer/Doubler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
CR203	1900-0273	1	DIODE-PIN	01542	HSMP-3892
CR204	1900-0273	1	DIODE-PIN	01542	HSMP-3892
CR206	1900-0273	1	DIODE-PIN	01542	HSMP-3892
CR207	1900-0273	1	DIODE-PIN	01542	HSMP-3892
CR208	1900-0273	1	DIODE-PIN	01542	HSMP-3892
CR209	1900-0281	1	DIODE-PIN	01542	HSMP-3894
CR210	1900-0281	1	DIODE-PIN	01542	HSMP-3894
CR211	1900-0273	1	DIODE-PIN	01542	HSMP-3892
CR224	1900-0273	1	DIODE-PIN	01542	HSMP-3892
CR227	1900-0273	1	DIODE-PIN	01542	HSMP-3892
CR228	1900-0273	1	DIODE-PIN	01542	HSMP-3892
CR229	1900-0273	1	DIODE-PIN	01542	HSMP-3892
CR231	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR232	1900-0305	1	DIODE-SCHOTTKY SM SIG	01542	HSMS-8205
CR251	1900-0281	1	DIODE-PIN	01542	HSMP-3894
CR252	1900-0281	1	DIODE-PIN	01542	HSMP-3894
CR253	1900-0273	1	DIODE-PIN	01542	HSMP-3892
CR254	1900-0273	1	DIODE-PIN	01542	HSMP-3892
CR255	1900-0273	1	DIODE-PIN	01542	HSMP-3892
CR256	1900-0281	1	DIODE-PIN	01542	HSMP-3894
CR257	1900-0281	1	DIODE-PIN	01542	HSMP-3894
CR258	1900-0281	1	DIODE-PIN	01542	HSMP-3894
CR259	1900-0273	1	DIODE-PIN	01542	HSMP-3892
CR260	1900-0273	1	DIODE-PIN	01542	HSMP-3892
CR261	1900-0273	1	DIODE-PIN	01542	HSMP-3892
CR262	1900-0273	1	DIODE-PIN	01542	HSMP-3892
CR263	1900-0273	1	DIODE-PIN	01542	HSMP-3892
CR264	1900-0273	1	DIODE-PIN	01542	HSMP-3892
CR265	1900-0273	1	DIODE-PIN	01542	HSMP-3892
CR266	1900-0273	1	DIODE-PIN	01542	HSMP-3892
CR267	1900-0273	1	DIODE-PIN	01542	HSMP-3892
CR269	1900-0273	1	DIODE-PIN	01542	HSMP-3892
CR270	1900-0273	1	DIODE-PIN	01542	HSMP-3892
CR271	1900-0273	1	DIODE-PIN	01542	HSMP-3892
CR272	1900-0273	1	DIODE-PIN	01542	HSMP-3892

**Indicates factory-selected value*

HP Part Number E4400-60002
Synthesizer/Doubler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
CR275	1900-0273	1	DIODE-PIN	01542	HSMP-3892
CR276	1900-0273	1	DIODE-PIN	01542	HSMP-3892
CR277	1900-0273	1	DIODE-PIN	01542	HSMP-3892
CR278	1900-0273	1	DIODE-PIN	01542	HSMP-3892
CR279	1900-0273	1	DIODE-PIN	01542	HSMP-3892
CR280	1900-0273	1	DIODE-PIN	01542	HSMP-3892
CR281	1900-0297	1	DIODE-PIN	01542	HSMP-3812
CR282	1900-0297	1	DIODE-PIN	01542	HSMP-3812
CR314	1900-0271	1	DIODE-QUAD BRIDGE	01542	HSMS-2828
CR317	1900-0271	1	DIODE-QUAD BRIDGE	01542	HSMS-2828
CR318	1900-0273	1	DIODE-PIN	01542	HSMP-3892
CR319	1900-0273	1	DIODE-PIN	01542	HSMP-3892
CR320	1900-0273	1	DIODE-PIN	01542	HSMP-3892
CR321	1900-0273	1	DIODE-PIN	01542	HSMP-3892
DS1	1990-1267	1	LED-LAMP LUM-INT=400UCD IF=12.5MA-MAX	06121	LS S260-DO
E104	9170-1418	1	CORE-SHIELDING BEAD	06352	HF30ACB-453215
E105	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E200	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E201	9170-1418	1	CORE-SHIELDING BEAD	06352	HF30ACB-453215
E202	9170-1418	1	CORE-SHIELDING BEAD	06352	HF30ACB-453215
E203	9170-1418	1	CORE-SHIELDING BEAD	06352	HF30ACB-453215
E204	9170-1418	1	CORE-SHIELDING BEAD	06352	HF30ACB-453215
E205	9170-1418	1	CORE-SHIELDING BEAD	06352	HF30ACB-453215
E206	9170-1418	1	CORE-SHIELDING BEAD	06352	HF30ACB-453215
E207	9170-1418	1	CORE-SHIELDING BEAD	06352	HF30ACB-453215
E208	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E209	9170-1418	1	CORE-SHIELDING BEAD	06352	HF30ACB-453215
E210	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E251	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E258	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E266	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E267	9170-1418	1	CORE-SHIELDING BEAD	06352	HF30ACB-453215
E268	9170-1418	1	CORE-SHIELDING BEAD	06352	HF30ACB-453215
E269	9170-1418	1	CORE-SHIELDING BEAD	06352	HF30ACB-453215
E300	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513

**Indicates factory-selected value*

HP Part Number E4400-60002
Synthesizer/Doubler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
E302	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E303	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E304	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E305	9170-1418	1	CORE-SHIELDING BEAD	06352	HF30ACB-453215
E306	9170-1418	1	CORE-SHIELDING BEAD	06352	HF30ACB-453215
E307	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E308	9170-1418	1	CORE-SHIELDING BEAD	06352	HF30ACB-453215
E311	9170-1418	1	CORE-SHIELDING BEAD	06352	HF30ACB-453215
E312	9170-1418	1	CORE-SHIELDING BEAD	06352	HF30ACB-453215
E314	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E315	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E316	9170-1418	1	CORE-SHIELDING BEAD	06352	HF30ACB-453215
E317	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E318	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E319	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E320	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E321	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E322	9170-1418	1	CORE-SHIELDING BEAD	06352	HF30ACB-453215
E323	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
FL1	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL2	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL3	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL4	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL5	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL6	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL7	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL8	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL9	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL10	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL11	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL12	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL13	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL14	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL15	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL17	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621

**Indicates factory-selected value*

HP Part Number E4400-60002
Synthesizer/Doubler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
FL18	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL19	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL20	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL21	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL22	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL23	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL24	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL25	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL26	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL100	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL101	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL102	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL250	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL251	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL252	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL253	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL254	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
J2	1251-4670	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	13369	68000-603
K201	0490-1664	1	RELAY 2C 5VDC-COIL 1A 110VDC	00467	G6HK-2-100-DC5
K202	0490-1664	1	RELAY 2C 5VDC-COIL 1A 110VDC	00467	G6HK-2-100-DC5
K203	0490-1664	1	RELAY 2C 5VDC-COIL 1A 110VDC	00467	G6HK-2-100-DC5
K204	0490-1664	1	RELAY 2C 5VDC-COIL 1A 110VDC	00467	G6HK-2-100-DC5
K205	0490-1664	1	RELAY 2C 5VDC-COIL 1A 110VDC	00467	G6HK-2-100-DC5
L1	9140-1196	1	INDUCTOR 100nH +-10% 2.7W-mmX3.4LG-mm	06352	NL322522T-R10K
L2	9140-1196	1	INDUCTOR 100nH +-10% 2.7W-mmX3.4LG-mm	06352	NL322522T-R10K
L3	9140-1196	1	INDUCTOR 100nH +-10% 2.7W-mmX3.4LG-mm	06352	NL322522T-R10K
L4	9135-0080	1	INDUCTOR 27nH +-5.556% 2.6D-mmX6.6LG-mm	03273	10M271X-1
L6	9140-1568	1	INDUCTOR 82nH +5% -5% 2.8W-mmX3.4LG-mm	03273	SM3-082J-1
L7	9140-1204	1	INDUCTOR 68nH +-5% 2.8W-mmX3.4LG-mm Q=27	09891	KL32TE068J
L8	9140-1196	1	INDUCTOR 100nH +-10% 2.7W-mmX3.4LG-mm	06352	NL322522T-R10K
L10	9140-1244	1	INDUCTOR 1mH +-5% 3.4W-mmX4.8LG-mm Q=30	08709	ELJ-FB102JE
L14	9140-1204	1	INDUCTOR 68nH +-5% 2.8W-mmX3.4LG-mm Q=27	09891	KL32TE068J
L15	9140-1106	1	INDUCTOR 1.5uH +-5% 3.4W-mmX4.8LG-mm	06352	NL453232-1R5J-3
L100	9140-1113	1	INDUCTOR 10uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-100J-3
L103	9140-1113	1	INDUCTOR 10uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-100J-3

**Indicates factory-selected value*

HP Part Number E4400-60002
Synthesizer/Doubler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
L104	9140-1113	1	INDUCTOR 10uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-100J-3
L105	9140-1113	1	INDUCTOR 10uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-100J-3
L106	9100-3922	1	INDUCTOR-FIXED Z > 1200 OHMS 120 TO 650	03273	51-088
L109	9140-1113	1	INDUCTOR 10uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-100J-3
L110	9140-1113	1	INDUCTOR 10uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-100J-3
L111	9140-1204	1	INDUCTOR 68nH +-5% 2.8W-mmX3.4LG-mm Q=27	09891	KL32TE068J
L200	9140-1196	1	INDUCTOR 100nH +-10% 2.7W-mmX3.4LG-mm	06352	NL322522T-R10K
L201	9140-1195	1	INDUCTOR 15nH +-10% 2.8W-mmX3.4LG-mm	06352	NL322522T-015K
L202	9140-1196	1	INDUCTOR 100nH +-10% 2.7W-mmX3.4LG-mm	06352	NL322522T-R10K
L203	9140-1196	1	INDUCTOR 100nH +-10% 2.7W-mmX3.4LG-mm	06352	NL322522T-R10K
L204	9140-1196	1	INDUCTOR 100nH +-10% 2.7W-mmX3.4LG-mm	06352	NL322522T-R10K
L205	9140-1196	1	INDUCTOR 100nH +-10% 2.7W-mmX3.4LG-mm	06352	NL322522T-R10K
L206	9140-1196	1	INDUCTOR 100nH +-10% 2.7W-mmX3.4LG-mm	06352	NL322522T-R10K
L207	9140-1749	1	INDUCTOR 8nH +5% -5% .12D-INX.145LG-IN	01886	A03T
L208	9140-1749	1	INDUCTOR 8nH +5% -5% .12D-INX.145LG-IN	01886	A03T
L209	9140-1749	1	INDUCTOR 8nH +5% -5% .12D-INX.145LG-IN	01886	A03T
L210	9140-1196	1	INDUCTOR 100nH +-10% 2.7W-mmX3.4LG-mm	06352	NL322522T-R10K
L211	9140-1194	1	INDUCTOR 10nH +-10% 2.8W-mmX3.4LG-mm	09891	KL32TE010K
L212	9140-1194	1	INDUCTOR 10nH +-10% 2.8W-mmX3.4LG-mm	09891	KL32TE010K
L213	9140-1749	1	INDUCTOR 8nH +5% -5% .12D-INX.145LG-IN	01886	A03T
L214	9140-1560	1	INDUCTOR 18nH +5% -5% 2.8W-mmX3.4LG-mm	03273	SM3-018J-1
L215	9140-1561	1	INDUCTOR 22nH +5% -5% 2.8W-mmX3.4LG-mm	03273	SM3-022J-1
L216	9140-1560	1	INDUCTOR 18nH +5% -5% 2.8W-mmX3.4LG-mm	03273	SM3-018J-1
L217	9140-1196	1	INDUCTOR 100nH +-10% 2.7W-mmX3.4LG-mm	06352	NL322522T-R10K
L218	9140-1196	1	INDUCTOR 100nH +-10% 2.7W-mmX3.4LG-mm	06352	NL322522T-R10K
L219	9140-1749	1	INDUCTOR 8nH +5% -5% .12D-INX.145LG-IN	01886	A03T
L220	9140-1200	1	INDUCTOR 33nH +-5% 2.8W-mmX3.4LG-mm Q=25	09891	KL32TE033J
L221	9140-1194	1	INDUCTOR 10nH +-10% 2.8W-mmX3.4LG-mm	09891	KL32TE010K
L222	9140-1194	1	INDUCTOR 10nH +-10% 2.8W-mmX3.4LG-mm	09891	KL32TE010K
L223	9140-1196	1	INDUCTOR 100nH +-10% 2.7W-mmX3.4LG-mm	06352	NL322522T-R10K
L224	9140-1194	1	INDUCTOR 10nH +-10% 2.8W-mmX3.4LG-mm	09891	KL32TE010K
L225	9140-1194	1	INDUCTOR 10nH +-10% 2.8W-mmX3.4LG-mm	09891	KL32TE010K
L226	9140-1749	1	INDUCTOR 8nH +5% -5% .12D-INX.145LG-IN	01886	A03T
L227	9140-1194	1	INDUCTOR 10nH +-10% 2.8W-mmX3.4LG-mm	09891	KL32TE010K
L228	9140-1194	1	INDUCTOR 10nH +-10% 2.8W-mmX3.4LG-mm	09891	KL32TE010K

**Indicates factory-selected value*

HP Part Number E4400-60002
Synthesizer/Doubler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
L229	9140-1561	1	INDUCTOR 22nH +5% -5% 2.8W-mmX3.4LG-mm	03273	SM3-022J-1
L230	9140-1560	1	INDUCTOR 18nH +5% -5% 2.8W-mmX3.4LG-mm	03273	SM3-018J-1
L231	9140-1196	1	INDUCTOR 100nH +-10% 2.7W-mmX3.4LG-mm	06352	NL322522T-R10K
L232	9140-1196	1	INDUCTOR 100nH +-10% 2.7W-mmX3.4LG-mm	06352	NL322522T-R10K
L233	9140-1206	1	INDUCTOR 100nH +-5% 2.8W-mmX3.4LG-mm	06352	NL322522T-R10J
L240	9140-1121	1	INDUCTOR 100uH +-5% 3.4W-mmX4.8LG-mm	06352	NL453232-101J-3
L250	9140-1195	1	INDUCTOR 15nH +-10% 2.8W-mmX3.4LG-mm	06352	NL322522T-015K
L251	9140-1113	1	INDUCTOR 10uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-100J-3
L252	9140-1113	1	INDUCTOR 10uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-100J-3
L254	9140-1563	1	INDUCTOR 33nH +5% -5% 2.8W-mmX3.4LG-mm	03273	SM3-033J-1
L255	9140-1563	1	INDUCTOR 33nH +5% -5% 2.8W-mmX3.4LG-mm	03273	SM3-033J-1
L300	9140-1195	1	INDUCTOR 15nH +-10% 2.8W-mmX3.4LG-mm	06352	NL322522T-015K
L301	9140-1426	1	INDUCTOR 12nH +-10% 2.8W-mmX3.4LG-mm	09891	KL32TE012K
L303	9140-1426	1	INDUCTOR 12nH +-10% 2.8W-mmX3.4LG-mm	09891	KL32TE012K
L304	9140-1195	1	INDUCTOR 15nH +-10% 2.8W-mmX3.4LG-mm	06352	NL322522T-015K
L305	9140-1194	1	INDUCTOR 10nH +-10% 2.8W-mmX3.4LG-mm	09891	KL32TE010K
L306	9140-1194	1	INDUCTOR 10nH +-10% 2.8W-mmX3.4LG-mm	09891	KL32TE010K
L307	9140-1195	1	INDUCTOR 15nH +-10% 2.8W-mmX3.4LG-mm	06352	NL322522T-015K
L308	9140-1195	1	INDUCTOR 15nH +-10% 2.8W-mmX3.4LG-mm	06352	NL322522T-015K
L309	9140-1195	1	INDUCTOR 15nH +-10% 2.8W-mmX3.4LG-mm	06352	NL322522T-015K
L312	9140-1196	1	INDUCTOR 100nH +-10% 2.7W-mmX3.4LG-mm	06352	NL322522T-R10K
L313	9140-1204	1	INDUCTOR 68nH +-5% 2.8W-mmX3.4LG-mm Q=27	09891	KL32TE068J
L315	9140-1204	1	INDUCTOR 68nH +-5% 2.8W-mmX3.4LG-mm Q=27	09891	KL32TE068J
L316	9140-1200	1	INDUCTOR 33nH +-5% 2.8W-mmX3.4LG-mm Q=25	09891	KL32TE033J
L317	9140-1204	1	INDUCTOR 68nH +-5% 2.8W-mmX3.4LG-mm Q=27	09891	KL32TE068J
L318	9140-1200	1	INDUCTOR 33nH +-5% 2.8W-mmX3.4LG-mm Q=25	09891	KL32TE033J
L319	9140-1200	1	INDUCTOR 33nH +-5% 2.8W-mmX3.4LG-mm Q=25	09891	KL32TE033J
L320	9140-1200	1	INDUCTOR 33nH +-5% 2.8W-mmX3.4LG-mm Q=25	09891	KL32TE033J
L321	9140-1204	1	INDUCTOR 68nH +-5% 2.8W-mmX3.4LG-mm Q=27	09891	KL32TE068J
L322	9140-1200	1	INDUCTOR 33nH +-5% 2.8W-mmX3.4LG-mm Q=25	09891	KL32TE033J
L323	9140-1204	1	INDUCTOR 68nH +-5% 2.8W-mmX3.4LG-mm Q=27	09891	KL32TE068J
L324	9140-1204	1	INDUCTOR 68nH +-5% 2.8W-mmX3.4LG-mm Q=27	09891	KL32TE068J
L325	9140-1194	1	INDUCTOR 10nH +-10% 2.8W-mmX3.4LG-mm	09891	KL32TE010K
MP2	E4400-20106	1	SHIELD-TOP	28480	E4400-20106
MP3	E4400-20107	1	SHIELD-BOTTOM	28480	E4400-20107

**Indicates factory-selected value*

HP Part Number E4400-60002
Synthesizer/Doubler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
MP4	8160-0448	4	RFI ROUND STRIP BE-CU SN-PL .062-IN-OD	10840	SS-04
MP5	E4400-00019	1	TAB-KEYING	28480	E4400-00019
MP6	0515-0456	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 20MM-LG	05610	0515-0456
MP7	5002-2401	1	EXT LVL RIGHT	28480	5002-2401
MP8	5002-2402	1	EXT LVL LEFT	28480	5002-2402
MP9	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP10	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP11	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP12	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP13	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP14	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP15	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP16	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP17	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP18	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP19	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP20	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP21	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP22	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP23	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP24	8160-0917	1	RFI GASKET CNDCT-ELSTMR 4.6-MM-ID	05100	19-05-13423-1285
P1	1252-1506	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	01380	535512-2
P2	1252-6521	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	01380	2-535512-2
P3	1252-1506	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	01380	535512-2
Q1	1854-1270	1	TRANSISTOR NPN SI TO-261AA (SOT-223)	02910	PZT2222A
Q2	1855-0734	1	TRANSISTOR MOSFET 2N7002 N-CHAN E-MODE	02883	2N7002
Q3	1855-0734	1	TRANSISTOR MOSFET 2N7002 N-CHAN E-MODE	02883	2N7002
Q4	1855-0734	1	TRANSISTOR MOSFET 2N7002 N-CHAN E-MODE	02883	2N7002
Q7	1853-0568	1	TRANSISTOR PNP SI TO-236AA PD=350MW	36633	MMBT5087LT1
Q8	1854-1094	1	TRANSISTOR NPN SI SOT-89 (TO-243AB)	02910	PXT2222A
Q10	1855-0734	1	TRANSISTOR MOSFET 2N7002 N-CHAN E-MODE	02883	2N7002
Q11	1854-1037	1	TRANSISTOR NPN SI TO-236AA PD=350MW	36633	MMBT3904LT1
Q12	1855-0734	1	TRANSISTOR MOSFET 2N7002 N-CHAN E-MODE	02883	2N7002
Q13	1854-1009	1	TRANSISTOR NPN SI PD=580MW FT=8GHZ	28480	1854-1009
Q14	1855-0734	1	TRANSISTOR MOSFET 2N7002 N-CHAN E-MODE	02883	2N7002

**Indicates factory-selected value*

HP Part Number E4400-60002
Synthesizer/Doubler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
Q15	1853-0580	1	TRANSISTOR PNP SI SOT-23 (TO-236AB)	36633	MMBT4403LT1
Q16	1855-0734	1	TRANSISTOR MOSFET 2N7002 N-CHAN E-MODE	02883	2N7002
Q17	1855-0734	1	TRANSISTOR MOSFET 2N7002 N-CHAN E-MODE	02883	2N7002
Q103	1854-1053	1	TRANSISTOR NPN SI SOT-23 (TO-236AB)	12125	KST2222A
Q104	1854-1270	1	TRANSISTOR NPN SI TO-261AA (SOT-223)	02910	PZT2222A
Q105	1854-1053	1	TRANSISTOR NPN SI SOT-23 (TO-236AB)	12125	KST2222A
Q106	1854-1053	1	TRANSISTOR NPN SI SOT-23 (TO-236AB)	12125	KST2222A
Q107	1854-1053	1	TRANSISTOR NPN SI SOT-23 (TO-236AB)	12125	KST2222A
Q108	1854-1053	1	TRANSISTOR NPN SI SOT-23 (TO-236AB)	12125	KST2222A
Q110	1853-0724	1	TRANSISTOR PNP SI TO-261AA (SOT-223)	02910	PZT2907A
Q111	1854-1270	1	TRANSISTOR NPN SI TO-261AA (SOT-223)	02910	PZT2222A
Q300	1854-1037	1	TRANSISTOR NPN SI TO-236AA PD=350MW	36633	MMBT3904LT1
Q301	1854-1037	1	TRANSISTOR NPN SI TO-236AA PD=350MW	36633	MMBT3904LT1
R1	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J2152F
R3	0699-3908	1	RESISTOR 19.6 +-1% .063W TKF TC=0+-200	09891	RK73H1J19R6F
R4	0699-2837	1	RESISTOR 30K +-0.1% .125W TF TC=0+-25	02499	W1206R033002BT
R5	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R9	0699-1435	1	RESISTOR 681 +-1% .125W TKF TC=0+-100	09891	RK73H2BT6810F
R10	0699-1421	1	RESISTOR 178 +-1% .125W TKF TC=0+-100	09891	RK73H2BT1780F
R11	0699-1435	1	RESISTOR 681 +-1% .125W TKF TC=0+-100	09891	RK73H2BT6810F
R12	0699-1421	1	RESISTOR 178 +-1% .125W TKF TC=0+-100	09891	RK73H2BT1780F
R15	0699-3953	1	RESISTOR 1.78K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1781
R16	0699-3974	1	RESISTOR 14.7K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1472
R17	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R20	0699-1428	1	RESISTOR 348 +-1% .125W TKF TC=0+-100	05524	CRCW12063480F
R21	0699-4016	1	RESISTOR 1M +-1% .063W TKF TC=0+-200	00746	MCR03-F-1004
R22	0699-4014	1	RESISTOR 825K +-1% .063W TKF TC=0+-200	09891	RK73H1J8253F
R23	0699-3988	1	RESISTOR 61.9K +-1% .063W TKF TC=0+-200	09891	RK73H1J6192F
R24	0699-3987	1	RESISTOR 51.1K +-1% .063W TKF TC=0+-200	09891	RK73H1J5112F
R25	0699-3955	1	RESISTOR 2.15K +-1% .063W TKF TC=0+-200	09891	RK73H1J2151F
R26	0699-3931	1	RESISTOR 196 +-1% .063W TKF TC=0+-200	09891	RK73H1J1960F
R28	0699-1414	1	RESISTOR 90.9K +-1% .125W TKF TC=0+-100	09891	RK73H2BT9092F
R29	0699-3971	1	RESISTOR 11K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1102
R30	0699-3909	1	RESISTOR 21.5 +-1% .063W TKF TC=0+-200	09891	RK73H1J21R5F
R32	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J2152F

**Indicates factory-selected value*

HP Part Number E4400-60002
Synthesizer/Doubler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R33	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R34	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R35	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J2152F
R38	0699-1417	1	RESISTOR 121 +-1% .125W TKF TC=0+-100	09891	RK73H2BT1210F
R39	0699-1426	1	RESISTOR 287 +-1% .125W TKF TC=0+-100	00746	MCR18-F-2870
R40	0699-1385	1	RESISTOR 5.11K +-1% .125W TKF TC=0+-100	05524	CRCW12065111F
R44	0699-1354	1	RESISTOR 26.1 +-1% .125W TKF TC=0+-100	09891	RK73H2BT26R1F
R45	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R46	0699-3966	1	RESISTOR 6.81K +-1% .063W TKF TC=0+-200	09891	RK73H1J6811F
R47	2100-0545	1	RESISTOR-TRMR 1K 10% TKF SIDE-ADJ 17-TRN	04568	67XR
R49	0699-1370	1	RESISTOR 1.21K +-1% .125W TKF TC=0+-100	05524	CRCW12061211F
R50	0699-1423	1	RESISTOR 215 +-1% .125W TKF TC=0+-100	05524	CRCW12062150F
R51	0699-1415	1	RESISTOR 100 +-1% .125W TKF TC=0+-100	05524	CRCW12061000F
R52	0699-3944	1	RESISTOR 750 +-1% .063W TKF TC=0+-200	09891	RK73H1J7500F
R53	0699-2489	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	02499	W1206R031002BT
R55	0699-1351	1	RESISTOR 19.6 +-1% .125W TKF TC=0+-100	05524	CRCW120619R6F
R56	0699-1318	1	RESISTOR 1K +-1% .125W TKF TC=0+-100	00746	MCR18-F-1001
R58	0699-1415	1	RESISTOR 100 +-1% .125W TKF TC=0+-100	05524	CRCW12061000F
R59	0699-1416	1	RESISTOR 110 +-1% .125W TKF TC=0+-100	05524	CRCW12061100F
R60	0699-1361	1	RESISTOR 51.1 +-1% .125W TKF TC=0+-100	05524	CRCW120651R1F
R61	0699-1366	1	RESISTOR 82.5 +-1% .125W TKF TC=0+-100	05524	CRCW120682R5F
R62	0699-1366	1	RESISTOR 82.5 +-1% .125W TKF TC=0+-100	05524	CRCW120682R5F
R63	0699-3908	1	RESISTOR 19.6 +-1% .063W TKF TC=0+-200	09891	RK73H1J19R6F
R64	0699-3913	1	RESISTOR 31.6 +-1% .063W TKF TC=0+-200	09891	RK73H1J31R6F
R65	0699-1361	1	RESISTOR 51.1 +-1% .125W TKF TC=0+-100	05524	CRCW120651R1F
R66	0699-1361	1	RESISTOR 51.1 +-1% .125W TKF TC=0+-100	05524	CRCW120651R1F
R67	0699-1361	1	RESISTOR 51.1 +-1% .125W TKF TC=0+-100	05524	CRCW120651R1F
R68	0699-3916	1	RESISTOR 42.2 +-1% .063W TKF TC=0+-200	09891	RK73H1J42R2F
R69	0699-3926	1	RESISTOR 121 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1210
R70	0699-3926	1	RESISTOR 121 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1210
R71	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R72	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R73	0699-3935	1	RESISTOR 287 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2870
R74	0699-3907	1	RESISTOR 17.8 +-1% .063W TKF TC=0+-200	09891	RK73H1J17R8F
R75	0699-3935	1	RESISTOR 287 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2870

**Indicates factory-selected value*

HP Part Number E4400-60002
Synthesizer/Doubler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R76	0699-3910	1	RESISTOR 23.7 +-1% .063W TKF TC=0+-200	09891	RK73H1J23R7F
R77	0699-3932	1	RESISTOR 215 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2150
R78	0699-3932	1	RESISTOR 215 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2150
R79	0699-1365	1	RESISTOR 75 +-1% .125W TKF TC=0+-100	05524	CRCW120675R0F
R80	0699-1365	1	RESISTOR 75 +-1% .125W TKF TC=0+-100	05524	CRCW120675R0F
R81	0699-1365	1	RESISTOR 75 +-1% .125W TKF TC=0+-100	05524	CRCW120675R0F
R82	0699-3948	1	RESISTOR 1.1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1101
R86	0699-3921	1	RESISTOR 75 +-1% .063W TKF TC=0+-200	00746	MCR03-F-75R0
R87	0699-1365	1	RESISTOR 75 +-1% .125W TKF TC=0+-100	05524	CRCW120675R0F
R88	0699-1365	1	RESISTOR 75 +-1% .125W TKF TC=0+-100	05524	CRCW120675R0F
R89	0699-3910	1	RESISTOR 23.7 +-1% .063W TKF TC=0+-200	09891	RK73H1J23R7F
R90	0699-3932	1	RESISTOR 215 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2150
R91	0699-3932	1	RESISTOR 215 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2150
R92	0699-4016	1	RESISTOR 1M +-1% .063W TKF TC=0+-200	00746	MCR03-F-1004
R93	0699-3935	1	RESISTOR 287 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2870
R94	0699-3935	1	RESISTOR 287 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2870
R95	0699-3907	1	RESISTOR 17.8 +-1% .063W TKF TC=0+-200	09891	RK73H1J17R8F
R103	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R108	0699-2832	1	RESISTOR 200 +-0.1% .125W TF TC=0+-25	02499	W1206R032000BT
R109	0699-2489	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	02499	W1206R031002BT
R110	0699-2846	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	02499	W1206R035001BT
R111	0699-3974	1	RESISTOR 14.7K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1472
R112	0699-2836	1	RESISTOR 15K +-0.1% .125W TF TC=0+-25	02499	W1206R031502BT
R113	0699-2828	1	RESISTOR 1.5K +-0.1% .125W TF TC=0+-25	01172	BLU-1206 1K5 .1% 25PPM
R115	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R116	0699-3908	1	RESISTOR 19.6 +-1% .063W TKF TC=0+-200	09891	RK73H1J19R6F
R117	0699-2826	1	RESISTOR 3K +-0.1% .125W TF TC=0+-25	02499	W1206R033001BT
R119	0699-3908	1	RESISTOR 19.6 +-1% .063W TKF TC=0+-200	09891	RK73H1J19R6F
R120	0699-1374	1	RESISTOR 1.78K +-1% .125W TKF TC=0+-100	09891	RK73H2BT1781F
R122	0699-1385	1	RESISTOR 5.11K +-1% .125W TKF TC=0+-100	05524	CRCW12065111F
R123	0699-1374	1	RESISTOR 1.78K +-1% .125W TKF TC=0+-100	09891	RK73H2BT1781F
R125	0699-1384	1	RESISTOR 4.64K +-1% .125W TKF TC=0+-100	09891	RK73H2BT4641F
R126	0699-1424	1	RESISTOR 237 +-1% .125W TKF TC=0+-100	05524	CRCW12062370F
R127	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R128	0699-1379	1	RESISTOR 2.87K +-1% .125W TKF TC=0+-100	00746	MCR18-F-2871

**Indicates factory-selected value*

HP Part Number E4400-60002
Synthesizer/Doubler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R129	0699-2490	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	02499	W1206R031001BT
R130	0699-2490	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	02499	W1206R031001BT
R131	0699-2490	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	02499	W1206R031001BT
R132	0699-2489	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	02499	W1206R031002BT
R133	0699-2826	1	RESISTOR 3K +-0.1% .125W TF TC=0+-25	02499	W1206R033001BT
R134	0699-0144	1	RESISTOR 10K +-0.01% .1W TF TC=0+-5	09454	PR1/10TC10K0.01%
R135	0699-0144	1	RESISTOR 10K +-0.01% .1W TF TC=0+-5	09454	PR1/10TC10K0.01%
R136	0699-0144	1	RESISTOR 10K +-0.01% .1W TF TC=0+-5	09454	PR1/10TC10K0.01%
R137	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R138	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R139	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R144	0699-1432	1	RESISTOR 511 +-1% .125W TKF TC=0+-100	00746	MCR18-F-5110
R146	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	05524	CRCW12061002F
R147	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	05524	CRCW12061002F
R148	0699-1330	1	RESISTOR 100K +-1% .125W TKF TC=0+-100	00746	MCR18-F-1003
R150	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R154	0699-3948	1	RESISTOR 1.1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1101
R155	0699-1361	1	RESISTOR 51.1 +-1% .125W TKF TC=0+-100	05524	CRCW120651R1F
R156	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R157	0699-1318	1	RESISTOR 1K +-1% .125W TKF TC=0+-100	00746	MCR18-F-1001
R158	0699-3948	1	RESISTOR 1.1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1101
R159	0699-2490	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	02499	W1206R031001BT
R160	0699-2490	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	02499	W1206R031001BT
R161	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	05524	CRCW12061002F
R162	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	05524	CRCW12061002F
R163	0699-2490	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	02499	W1206R031001BT
R164	0699-1360	1	RESISTOR 46.4 +-1% .125W TKF TC=0+-100	05524	CRCW120646R4F
R165	0699-1354	1	RESISTOR 26.1 +-1% .125W TKF TC=0+-100	09891	RK73H2BT26R1F
R166	0699-1426	1	RESISTOR 287 +-1% .125W TKF TC=0+-100	00746	MCR18-F-2870
R167	0699-2490	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	02499	W1206R031001BT
R168	0699-1361	1	RESISTOR 51.1 +-1% .125W TKF TC=0+-100	05524	CRCW120651R1F
R169	0699-1426	1	RESISTOR 287 +-1% .125W TKF TC=0+-100	00746	MCR18-F-2870
R170	0699-1385	1	RESISTOR 5.11K +-1% .125W TKF TC=0+-100	05524	CRCW12065111F
R171	0699-1417	1	RESISTOR 121 +-1% .125W TKF TC=0+-100	09891	RK73H2BT1210F
R172	0699-1354	1	RESISTOR 26.1 +-1% .125W TKF TC=0+-100	09891	RK73H2BT26R1F

**Indicates factory-selected value*

HP Part Number E4400-60002
Synthesizer/Doubler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R173	0699-1426	1	RESISTOR 287 +-1% .125W TKF TC=0+-100	00746	MCR18-F-2870
R174	0699-1385	1	RESISTOR 5.11K +-1% .125W TKF TC=0+-100	05524	CRCW12065111F
R176	0699-2841	1	RESISTOR 9K +-0.1% .125W TF TC=0+-25	02499	W1206R039001BT
R179	0699-1377	1	RESISTOR 2.37K +-1% .125W TKF TC=0+-100	09891	RK73H2BT2371F
R180	0699-1419	1	RESISTOR 147 +-1% .125W TKF TC=0+-100	05524	CRCW12061470F
R181	0699-2489	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	02499	W1206R031002BT
R182	0699-2489	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	02499	W1206R031002BT
R183	0699-3959	1	RESISTOR 3.16K +-1% .063W TKF TC=0+-200	00746	MCR03-F-3161
R184	0699-1361	1	RESISTOR 51.1 +-1% .125W TKF TC=0+-100	05524	CRCW120651R1F
R185	0699-1361	1	RESISTOR 51.1 +-1% .125W TKF TC=0+-100	05524	CRCW120651R1F
R186	0699-1378	1	RESISTOR 2.61K +-1% .125W TKF TC=0+-100	09891	RK73H2BT2611F
R187	0699-2835	1	RESISTOR 500 +-0.1% .125W TF TC=0+-25	02499	W1206R035000BT
R188	0699-3935	1	RESISTOR 287 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2870
R189	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R190	0699-3935	1	RESISTOR 287 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2870
R191	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R192	0699-1354	1	RESISTOR 26.1 +-1% .125W TKF TC=0+-100	09891	RK73H2BT26R1F
R193	0699-1385	1	RESISTOR 5.11K +-1% .125W TKF TC=0+-100	05524	CRCW12065111F
R194	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R195	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R196	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R198	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R200	0699-3925	1	RESISTOR 110 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1100
R201	0699-3925	1	RESISTOR 110 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1100
R202	0699-3925	1	RESISTOR 110 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1100
R203	0699-3925	1	RESISTOR 110 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1100
R204	0699-3935	1	RESISTOR 287 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2870
R205	0699-3907	1	RESISTOR 17.8 +-1% .063W TKF TC=0+-200	09891	RK73H1J17R8F
R206	0699-3935	1	RESISTOR 287 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2870
R207	0699-1428	1	RESISTOR 348 +-1% .125W TKF TC=0+-100	05524	CRCW12063480F
R208	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J2152F
R209	0699-3944	1	RESISTOR 750 +-1% .063W TKF TC=0+-200	09891	RK73H1J7500F
R210	0699-3944	1	RESISTOR 750 +-1% .063W TKF TC=0+-200	09891	RK73H1J7500F
R211	0699-3925	1	RESISTOR 110 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1100
R212	0699-3925	1	RESISTOR 110 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1100

**Indicates factory-selected value*

HP Part Number E4400-60002
Synthesizer/Doubler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R213	0699-3925	1	RESISTOR 110 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1100
R214	0699-3925	1	RESISTOR 110 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1100
R215	0699-3948	1	RESISTOR 1.1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1101
R216	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J2152F
R217	0699-3944	1	RESISTOR 750 +-1% .063W TKF TC=0+-200	09891	RK73H1J7500F
R218	0699-3944	1	RESISTOR 750 +-1% .063W TKF TC=0+-200	09891	RK73H1J7500F
R219	0699-3944	1	RESISTOR 750 +-1% .063W TKF TC=0+-200	09891	RK73H1J7500F
R220	0699-3944	1	RESISTOR 750 +-1% .063W TKF TC=0+-200	09891	RK73H1J7500F
R221	0699-3944	1	RESISTOR 750 +-1% .063W TKF TC=0+-200	09891	RK73H1J7500F
R222	0699-3944	1	RESISTOR 750 +-1% .063W TKF TC=0+-200	09891	RK73H1J7500F
R223	0699-3929	1	RESISTOR 162 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1620
R224	0699-3948	1	RESISTOR 1.1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1101
R225	0699-3908	1	RESISTOR 19.6 +-1% .063W TKF TC=0+-200	09891	RK73H1J19R6F
R226	0699-3365	1	RESISTOR 56.2 +-1% .065W TKF TC=0+-200	09891	RK73H1J56R2F
R227	0699-3908	1	RESISTOR 19.6 +-1% .063W TKF TC=0+-200	09891	RK73H1J19R6F
R228	0699-3908	1	RESISTOR 19.6 +-1% .063W TKF TC=0+-200	09891	RK73H1J19R6F
R229	0699-3948	1	RESISTOR 1.1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1101
R230	0699-3957	1	RESISTOR 2.61K +-1% .063W TKF TC=0+-200	09891	RK73H1J2611F
R231	0699-3932	1	RESISTOR 215 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2150
R232	0699-3910	1	RESISTOR 23.7 +-1% .063W TKF TC=0+-200	09891	RK73H1J23R7F
R233	0699-3932	1	RESISTOR 215 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2150
R234	0699-1428	1	RESISTOR 348 +-1% .125W TKF TC=0+-100	05524	CRCW12063480F
R235	0699-3935	1	RESISTOR 287 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2870
R236	0699-3917	1	RESISTOR 46.4 +-1% .063W TKF TC=0+-200	09891	RK73H1J46R4F
R237	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R238	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R241	0699-3574	1	RESISTOR 0 .0625W TKF	09891	RM73Z1JT
R243	0699-3948	1	RESISTOR 1.1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1101
R244	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J2152F
R245	0699-2847	1	RESISTOR 2K +-0.1% .125W TF TC=0+-25	01172	BLU-1206 2K .1% 25PPM
R246	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J2152F
R247	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J2152F
R248	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J2152F
R249	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J2152F
R250	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J2152F

**Indicates factory-selected value*

HP Part Number E4400-60002
Synthesizer/Doubler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R251	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J2152F
R252	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J2152F
R253	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J2152F
R254	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J2152F
R255	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J2152F
R256	0699-1503	1	RESISTOR 0 CWM	05524	CRCW1206000
R257	0699-1318	1	RESISTOR 1K +-1% .125W TKF TC=0+-100	00746	MCR18-F-1001
R258	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J2152F
R259	0699-4001	1	RESISTOR 215K +-1% .063W TKF TC=0+-200	09891	RK73H1J2153F
R260	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	09891	RK73H1J1003F
R261	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J2152F
R262	0699-3948	1	RESISTOR 1.1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1101
R263	0699-3948	1	RESISTOR 1.1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1101
R264	0699-3948	1	RESISTOR 1.1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1101
R265	0699-1374	1	RESISTOR 1.78K +-1% .125W TKF TC=0+-100	09891	RK73H2BT1781F
R266	0699-1374	1	RESISTOR 1.78K +-1% .125W TKF TC=0+-100	09891	RK73H2BT1781F
R267	0699-3967	1	RESISTOR 7.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J7501F
R268	0699-2823	1	RESISTOR 8K +-0.1% .125W TF TC=0+-25	02499	W1206R038001BT
R269	2100-0670	1	RESISTOR-TRMR 10K 10% TKF SIDE-ADJ	04568	67XR
R270	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R271	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R272	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R274	0699-1365	1	RESISTOR 75 +-1% .125W TKF TC=0+-100	05524	CRCW120675R0F
R275	0699-1365	1	RESISTOR 75 +-1% .125W TKF TC=0+-100	05524	CRCW120675R0F
R276	0699-1365	1	RESISTOR 75 +-1% .125W TKF TC=0+-100	05524	CRCW120675R0F
R277	0699-3921	1	RESISTOR 75 +-1% .063W TKF TC=0+-200	00746	MCR03-F-75R0
R278	0699-2831	1	RESISTOR 150 +-0.1% .125W TF TC=0+-25	02499	W1206R031500BT
R279	0699-2831	1	RESISTOR 150 +-0.1% .125W TF TC=0+-25	02499	W1206R031500BT
R280	0699-3928	1	RESISTOR 147 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1470
R281	0699-2833	1	RESISTOR 300 +-0.1% .125W TF TC=0+-25	01172	BLU-1206 300R .1% 25PPM
R282	0699-2833	1	RESISTOR 300 +-0.1% .125W TF TC=0+-25	01172	BLU-1206 300R .1% 25PPM
R283	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R284	0699-2490	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	02499	W1206R031001BT
R285	0699-2490	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	02499	W1206R031001BT
R288	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001

**Indicates factory-selected value*

HP Part Number E4400-60002
Synthesizer/Doubler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R289	0699-2841	1	RESISTOR 9K +-0.1% .125W TF TC=0+-25	02499	W1206R039001BT
R290	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R291	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R295	0699-1415	1	RESISTOR 100 +-1% .125W TKF TC=0+-100	05524	CRCW12061000F
R296	0699-1415	1	RESISTOR 100 +-1% .125W TKF TC=0+-100	05524	CRCW12061000F
R300	0699-1427	1	RESISTOR 316 +-1% .125W TKF TC=0+-100	09891	RK73H2BT3160F
R301	0699-3939	1	RESISTOR 422 +-1% .063W TKF TC=0+-200	00746	MCR03-EZH-F-4220
R302	0699-3939	1	RESISTOR 422 +-1% .063W TKF TC=0+-200	00746	MCR03-EZH-F-4220
R303	0699-1433	1	RESISTOR 562 +-1% .125W TKF TC=0+-100	05524	CRCW12065620F
R304	0699-1435	1	RESISTOR 681 +-1% .125W TKF TC=0+-100	09891	RK73H2BT6810F
R305	0699-1503	1	RESISTOR 0 CWM	05524	CRCW1206000
R308	0699-1503	1	RESISTOR 0 CWM	05524	CRCW1206000
R309	0699-1433	1	RESISTOR 562 +-1% .125W TKF TC=0+-100	05524	CRCW12065620F
R311	0699-1503	1	RESISTOR 0 CWM	05524	CRCW1206000
R312	0699-1503	1	RESISTOR 0 CWM	05524	CRCW1206000
R314	0699-1422	1	RESISTOR 196 +-1% .125W TKF TC=0+-100	09891	RK73H2BT1960F
R315	0699-3967	1	RESISTOR 7.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J7501F
R316	0699-1352	1	RESISTOR 21.5 +-1% .125W TKF TC=0+-100	05524	CRCW120621R5F
R317	0699-1352	1	RESISTOR 21.5 +-1% .125W TKF TC=0+-100	05524	CRCW120621R5F
R320	0699-3574	1	RESISTOR 0 .0625W TKF	09891	RM73Z1JT
R326	0699-3574	1	RESISTOR 0 .0625W TKF	09891	RM73Z1JT
R329	0699-3365	1	RESISTOR 56.2 +-1% .065W TKF TC=0+-200	09891	RK73H1J56R2F
R330	0699-3365	1	RESISTOR 56.2 +-1% .065W TKF TC=0+-200	09891	RK73H1J56R2F
R331	0699-3922	1	RESISTOR 82.5 +-1% .063W TKF TC=0+-200	09891	RK73H1J82R5F
R332	0699-3928	1	RESISTOR 147 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1470
R333	0699-3919	1	RESISTOR 61.9 +-1% .063W TKF TC=0+-200	05524	CRCW060361R9F
R334	0699-3919	1	RESISTOR 61.9 +-1% .063W TKF TC=0+-200	05524	CRCW060361R9F
R335	0699-3967	1	RESISTOR 7.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J7501F
R336	0699-1422	1	RESISTOR 196 +-1% .125W TKF TC=0+-100	09891	RK73H2BT1960F
R337	0699-3917	1	RESISTOR 46.4 +-1% .063W TKF TC=0+-200	09891	RK73H1J46R4F
R338	0699-1352	1	RESISTOR 21.5 +-1% .125W TKF TC=0+-100	05524	CRCW120621R5F
R340	0699-1352	1	RESISTOR 21.5 +-1% .125W TKF TC=0+-100	05524	CRCW120621R5F
R343	0699-1431	1	RESISTOR 464 +-1% .125W TKF TC=0+-100	05524	CRCW12064640F
R344	0699-1369	1	RESISTOR 1.1K +-1% .125W TKF TC=0+-100	05524	CRCW12061101F
R345	0699-1433	1	RESISTOR 562 +-1% .125W TKF TC=0+-100	05524	CRCW12065620F

**Indicates factory-selected value*

HP Part Number E4400-60002
Synthesizer/Doubler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R346	0699-1433	1	RESISTOR 562 +-1% .125W TKF TC=0+-100	05524	CRCW12065620F
R347	0699-3944	1	RESISTOR 750 +-1% .063W TKF TC=0+-200	09891	RK73H1J7500F
R348	0699-1435	1	RESISTOR 681 +-1% .125W TKF TC=0+-100	09891	RK73H2BT6810F
R349	0699-3944	1	RESISTOR 750 +-1% .063W TKF TC=0+-200	09891	RK73H1J7500F
R350	0699-3943	1	RESISTOR 681 +-1% .063W TKF TC=0+-200	00746	MCR03-F-6810
R351	0699-3952	1	RESISTOR 1.62K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1621
R352	0699-3952	1	RESISTOR 1.62K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1621
R400	0699-1417	1	RESISTOR 121 +-1% .125W TKF TC=0+-100	09891	RK73H2BT1210F
R401	0699-1426	1	RESISTOR 287 +-1% .125W TKF TC=0+-100	00746	MCR18-F-2870
R402	0699-1354	1	RESISTOR 26.1 +-1% .125W TKF TC=0+-100	09891	RK73H2BT26R1F
R403	0699-1385	1	RESISTOR 5.11K +-1% .125W TKF TC=0+-100	05524	CRCW12065111F
R424	0699-1349	1	RESISTOR 16.2 +-1% .125W TKF TC=0+-100	09891	RK73H2BT16R2F
R425	0699-2833	1	RESISTOR 300 +-0.1% .125W TF TC=0+-25	01172	BLU-1206 300R .1% 25PPM
R426	0699-2833	1	RESISTOR 300 +-0.1% .125W TF TC=0+-25	01172	BLU-1206 300R .1% 25PPM
R427	0699-3977	1	RESISTOR 19.6K +-1% .063W TKF TC=0+-200	09891	RK73H1J1962F
R428	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R429	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R430	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R431	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R432	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R433	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	05524	CRCW12061002F
R434	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	05524	CRCW12061002F
R435	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R436	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R437	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	09891	RK73H1J5111F
R438	0699-3992	1	RESISTOR 90.9K +-1% .063W TKF TC=0+-200	09891	RK73H1J9092F
R439	0699-3992	1	RESISTOR 90.9K +-1% .063W TKF TC=0+-200	09891	RK73H1J9092F
R440	0699-3992	1	RESISTOR 90.9K +-1% .063W TKF TC=0+-200	09891	RK73H1J9092F
R441	0699-2834	1	RESISTOR 400 +-0.1% .125W TF TC=0+-25	02499	W1206R034000BT
R442	0699-2831	1	RESISTOR 150 +-0.1% .125W TF TC=0+-25	02499	W1206R031500BT
R443	0699-2833	1	RESISTOR 300 +-0.1% .125W TF TC=0+-25	01172	BLU-1206 300R .1% 25PPM
R444	0699-2833	1	RESISTOR 300 +-0.1% .125W TF TC=0+-25	01172	BLU-1206 300R .1% 25PPM
R445	0699-2488	1	RESISTOR 100 +-0.1% .125W TF TC=0+-25	02499	W1206R031000BT
R446	0699-2829	1	RESISTOR 50 +-0.1% .125W TF TC=0+-25	02499	W1206R030500BT
R448	0699-2488	1	RESISTOR 100 +-0.1% .125W TF TC=0+-25	02499	W1206R031000BT

**Indicates factory-selected value*

HP Part Number E4400-60002
Synthesizer/Doubler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R449	0699-2831	1	RESISTOR 150 +-0.1% .125W TF TC=0+-25	02499	W1206R031500BT
R452	0699-2831	1	RESISTOR 150 +-0.1% .125W TF TC=0+-25	02499	W1206R031500BT
R453	0699-2831	1	RESISTOR 150 +-0.1% .125W TF TC=0+-25	02499	W1206R031500BT
R454	0699-2833	1	RESISTOR 300 +-0.1% .125W TF TC=0+-25	01172	BLU-1206 300R .1% 25PPM
R456	0699-2833	1	RESISTOR 300 +-0.1% .125W TF TC=0+-25	01172	BLU-1206 300R .1% 25PPM
R457	0699-2488	1	RESISTOR 100 +-0.1% .125W TF TC=0+-25	02499	W1206R031000BT
R460	0699-2834	1	RESISTOR 400 +-0.1% .125W TF TC=0+-25	02499	W1206R034000BT
R461	0699-2064	1	RESISTOR 6.8 +-5% .125W TKF TC=0+-500	00746	MCR18-J-6R8
R462	0699-1423	1	RESISTOR 215 +-1% .125W TKF TC=0+-100	05524	CRCW12062150F
R463	0699-2488	1	RESISTOR 100 +-0.1% .125W TF TC=0+-25	02499	W1206R031000BT
R469	0699-1385	1	RESISTOR 5.11K +-1% .125W TKF TC=0+-100	05524	CRCW12065111F
R470	0699-1426	1	RESISTOR 287 +-1% .125W TKF TC=0+-100	00746	MCR18-F-2870
R471	0699-1354	1	RESISTOR 26.1 +-1% .125W TKF TC=0+-100	09891	RK73H2BT26R1F
R472	0699-1417	1	RESISTOR 121 +-1% .125W TKF TC=0+-100	09891	RK73H2BT1210F
R475	0699-1385	1	RESISTOR 5.11K +-1% .125W TKF TC=0+-100	05524	CRCW12065111F
R480	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R485	0699-2488	1	RESISTOR 100 +-0.1% .125W TF TC=0+-25	02499	W1206R031000BT
R486	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R487	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R495	0699-1361	1	RESISTOR 51.1 +-1% .125W TKF TC=0+-100	05524	CRCW120651R1F
R501	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R502	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R503	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R504	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R505	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R506	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R507	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R508	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R509	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R510	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R511	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R512	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R513	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R514	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R515	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F

**Indicates factory-selected value*

HP Part Number E4400-60002
Synthesizer/Doubler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R516	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R517	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
T1	9100-5324	1	TRANSFORMER-BALUN WINDING TURNS:3 1/2	06353	617DB-1023
T2	9100-5324	1	TRANSFORMER-BALUN WINDING TURNS:3 1/2	06353	617DB-1023
TG3	1251-1556	1	CONNECTOR-SGL CONT SKT .02-IN-BSC-SZ RND	01380	6-330808-5
TP3	1251-1556	1	CONNECTOR-SGL CONT SKT .02-IN-BSC-SZ RND	01380	6-330808-5
TP4	1251-0600	1	CONNECTOR-SGL CONT PIN 1.14-MM-BSC-SZ SQ	03418	16-06-0034
TP5	1251-0600	1	CONNECTOR-SGL CONT PIN 1.14-MM-BSC-SZ SQ	03418	16-06-0034
TP8	1251-0600	1	CONNECTOR-SGL CONT PIN 1.14-MM-BSC-SZ SQ	03418	16-06-0034
TP11	1251-0600	1	CONNECTOR-SGL CONT PIN 1.14-MM-BSC-SZ SQ	03418	16-06-0034
TP12	1251-0600	1	CONNECTOR-SGL CONT PIN 1.14-MM-BSC-SZ SQ	03418	16-06-0034
TP13	1251-0600	1	CONNECTOR-SGL CONT PIN 1.14-MM-BSC-SZ SQ	03418	16-06-0034
U1	1821-2432	1	IC FF CMOS D-TYPE DUAL	02237	74VHC74MX
U2	1820-5945	1	IC GATE CMOS/AC NAND QUAD 2-INP	36633	MC74AC00D
U3	1820-5945	1	IC GATE CMOS/AC NAND QUAD 2-INP	36633	MC74AC00D
U4	1821-5010	1	IC GATE CMOS/AC NAND QUAD 2-INP	02237	74AC00SC
U5	1826-2147	1	ANALOG MULTIPLEXER 8 CHNL 16 -P-SOIC	02883	DG408DY
U6	1821-2431	1	IC GATE CMOS NAND QUAD	02237	74VHC00MX
U7	1826-1528	1	IC COMPARATOR LP QUAD 14 PIN PLSTC-SOIC	03406	LM339M
U8	1826-2981	1	IC OP AMP PRCN DUAL 8 PIN PLSTC-SOIC	10858	LT1124CS8
U9	1826-2403	1	IC OP AMP LP DUAL 8 PIN PLSTC-SOIC	36633	MC33178DR2
U10	1826-2469	1	IC OP AMP LOW-NOISE SINGLE 16 PIN	10858	LT1028CS
U11	1826-0760	1	IC TEMP XDCR TO-92	03406	LM335AZ
U12	1826-2175	1	IC RF/IF AMPL SINGLE 4 PIN U-WAVE-PILL	01542	HPMA-0386T15
U14	1820-6277	1	IC SHF-RGTR CMOS/HC SYNC/ASYNC SERIAL-IN	02237	MM74HC595M
U15	1826-2539	1	IC RF/IF AMPL SINGLE 4 PIN U-WAVE-PILL	01542	MSA-0786
U16	1826-2204	1	IC RF/IF AMPL SINGLE 4 PIN U-WAVE-PILL	01542	MSA-0686
U17	1821-2432	1	IC FF CMOS D-TYPE DUAL	02237	74VHC74MX
U100	1821-4291	1	IC-ASIC CL-BSD CMOS 64046 PLCC	02037	SC64046FNR2
U101	1821-1821	1	IC-ASIC GT-ARY 60K GATES CMOS 60081	08779	M60081L-0124FP
U102	1826-2733	1	IC OP AMP PRCN SINGLE 8 PIN PLSTC-SOIC	03285	OP-42GS
U103	1820-8503	1	IC TRANSCEIVER CMOS/ACT BUS DUAL 8-BIT	01698	74ACT16245DL
U104	1826-3281	1	D/A 12-BIT 28-PLSTC-SSOP CMOS	03285	AD7564BRS
U105	1826-1810	1	IC OP AMP LOW-BIAS-H-IMPD SINGLE 8 PIN	01698	TL071CD
U108	1826-2171	1	IC OP AMP LOW-BIAS-H-IMPD QUAD 14 PIN	36633	MC33284D

**Indicates factory-selected value*

HP Part Number E4400-60002
Synthesizer/Doubler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
U110	1826-1560	1	IC COMPARATOR HS DUAL 14 PIN PLSTC-SOIC	02910	NE521D
U111	1826-1560	1	IC COMPARATOR HS DUAL 14 PIN PLSTC-SOIC	02910	NE521D
U112	1820-7253	1	IC FF CMOS/AC D-TYPE POS-EDGE-TRIG COM	01698	CD74AC574M
U113	1826-1912	1	IC OP AMP H-SLEW-RATE DUAL 8 PIN	36633	MC34072DR2
U114	1820-6752	1	IC-ASIC GT-ARY CMOS 6206 PLCC	03406	SCX6206TQM/V2
U115	1826-3329	1	IC OP AMP VID-SPCL-FCTN SINGLE 8 PIN	03285	AD818AR
U116	1821-0964	1	IC-INTERFACE SHF-RGTR DMOS SERIAL-IN	01698	TPIC6595DW
U117	1826-2145	1	ANALOG SWITCH 4 SPST 16 -P-SOIC	02883	DG413DY
U118	1818-5236	1	IC 4K-BIT EEPROM 500-NS CMOS	04078	M93C66-MN6
U119	1826-2403	1	IC OP AMP LP DUAL 8 PIN PLSTC-SOIC	36633	MC33178DR2
U120	1826-2379	1	IC OP AMP VID-SPCL-FCTN SINGLE 8 PIN	03285	AD829JR
U121	1826-2786	1	IC OP AMP VID-SPCL-FCTN SINGLE 8 PIN	03285	AD810AR
U124	1820-5945	1	IC GATE CMOS/AC NAND QUAD 2-INP	36633	MC74AC00D
U125	1826-1687	1	IC PWR MGT-V-REF-FXD 9.95/10.05V 8 PINS	10858	LT1021DCS8-10
U126	1826-1909	1	IC OP AMP H-SLEW-RATE QUAD 14 PIN	36633	MC34074DR2
U127	1826-1985	1	ANALOG SWITCH 4 SPST 16 -P-SOIC	02883	DG411DY
U128	1826-1985	1	ANALOG SWITCH 4 SPST 16 -P-SOIC	02883	DG411DY
U129	1826-1985	1	ANALOG SWITCH 4 SPST 16 -P-SOIC	02883	DG411DY
U130	1826-1985	1	ANALOG SWITCH 4 SPST 16 -P-SOIC	02883	DG411DY
U131	1826-2145	1	ANALOG SWITCH 4 SPST 16 -P-SOIC	02883	DG413DY
U132	1820-6277	1	IC SHF-RGTR CMOS/HC SYNC/ASYNC SERIAL-IN	02237	MM74HC595M
U135	1820-5803	1	IC LCH CMOS/HC ADDRESSABLE 8-BIT	01698	SN74HC259D
U137	1826-2147	1	ANALOG MULTIPLEXER 8 CHNL 16 -P-SOIC	02883	DG408DY
U200	1826-2175	1	IC RF/IF AMPL SINGLE 4 PIN U-WAVE-PILL	01542	HPMA-0386T15
U201	E4400-50003	1	IC 584P1DIVD	28480	E4400-50003
U202	1826-2175	1	IC RF/IF AMPL SINGLE 4 PIN U-WAVE-PILL	01542	HPMA-0386T15
U300	1826-2496	1	IC RF/IF AMPL GP 4 PIN U-WAVE-PILL	01542	MGA-64135
U301	1826-2496	1	IC RF/IF AMPL GP 4 PIN U-WAVE-PILL	01542	MGA-64135
U303	1826-3160	1	IC RF/IF AMPL WB 8 PIN PLSTC-SOIC	02739	VNA-25
U305	1826-2133	1	IC RF/IF AMPL WB 4 PIN U-WAVE-PILL	01542	MSA-1105
U306	1826-3160	1	IC RF/IF AMPL WB 8 PIN PLSTC-SOIC	02739	VNA-25
VR1	1902-1591	1	DIODE-ZNR 30V 2% TO-236 (SOT-23) PD=.3W	02910	BZX84-B30
VR2	1902-0967	1	DIODE-ZNR 24V 5% DO-35 PD=.4W TC=+.094%	02688	1N970B
VR3	1902-0950	1	DIODE-ZNR 4.7V 5% DO-35 PD=.4W TC=+.025%	36633	SZ30035-8RL
VR101	1902-1424	1	DIODE-ZNR 5.6V 5% TO-236 (SOT-23)	06394	BZX84C5V6

**Indicates factory-selected value*

HP Part Number E4400-60002
Synthesizer/Doubler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
VR102	1902-1424	1	DIODE-ZNR 5.6V 5% TO-236 (SOT-23)	06394	BZX84C5V6
VR103	1902-1424	1	DIODE-ZNR 5.6V 5% TO-236 (SOT-23)	06394	BZX84C5V6
VR104	1902-1424	1	DIODE-ZNR 5.6V 5% TO-236 (SOT-23)	06394	BZX84C5V6
W1	1258-0209	1	JUMPER-REMOVABLE 2 POSITION; .250 IN	01380	382811-6

**Indicates factory-selected value*

Component-Level Information Packet for E4400-60124

CPU/Motherboard



HP Part No. E4400-90169
Printed in USA September 1999

Notice. The information contained in this document is subject to change without notice.

Hewlett-Packard makes no warranty of any kind with regard to this material, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Hewlett-Packard shall not be liable for errors contained herein or for incidental or consequential damages in connection with the furnishing, performance, or use of this material.

©Copyright Hewlett-Packard Company 1999
All Rights Reserved. Reproduction, adaptation, or translation without prior written permission is prohibited, except as allowed under the copyright laws.

HP Part Number E4400-60124
CPU/Motherboard

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
BT301	1420-0338	1	BATTERY 3V 1.2A-HR LITHIUM POLYCARBON	08709	BR2/3AE2P
C101	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C102	0180-3749	1	CAP-FXD 0.22uF +-20% 35 V TA	00039	NRA224M35R8
C103	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C104	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C105	0180-3749	1	CAP-FXD 0.22uF +-20% 35 V TA	00039	NRA224M35R8
C106	0160-7859	1	CAP-FXD 3900pF +-10% 50 V CER X7R	02010	06035C392KAT
C107	0160-7859	1	CAP-FXD 3900pF +-10% 50 V CER X7R	02010	06035C392KAT
C108	0160-7859	1	CAP-FXD 3900pF +-10% 50 V CER X7R	02010	06035C392KAT
C109	0160-7859	1	CAP-FXD 3900pF +-10% 50 V CER X7R	02010	06035C392KAT
C110	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C111	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C112	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C113	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C114	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C115	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C116	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C117	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C118	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C119	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C120	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C121	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C122	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C126	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C127	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C130	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C131	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C132	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C133	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C135	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C136	0160-7792	1	CAP-FXD 18pF +-5% 50 V CER C0G	13853	0603G180J500ST
C137	0160-7850	1	CAP-FXD 27pF +-5% 50 V CER C0G	02010	06035A270JAT
C138	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C139	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C140	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K

**Indicates factory-selected value*

HP Part Number E4400-60124
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C141	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C142	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C143	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C144	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C145	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C146	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C147	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C148	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C149	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C201	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C202	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C203	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C204	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C205	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C206	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C207	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C208	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C209	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C210	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C211	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C212	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C213	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C214	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C215	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C216	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C217	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C218	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C219	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C220	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C221	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C222	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C223	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C224	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C225	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C226	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K

**Indicates factory-selected value*

HP Part Number E4400-60124
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C227	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C228	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C229	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C230	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C231	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C232	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C233	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C250	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C301	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C302	0180-3755	1	CAP-FXD 33uF +-20% 10 V TA	02010	TAJD336M010
C303	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C304	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C305	0180-4228	1	CAP-FXD 47uF +-20% 10 V TA	02010	TAJD476M010
C306	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C307	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C308	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C309	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C310	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C311	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C312	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C313	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C314	0180-4228	1	CAP-FXD 47uF +-20% 10 V TA	02010	TAJD476M010
C315	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C316	0180-4069	1	CAP-FXD 1000uF +-20% 25 V AL-ELCTLT	06360	SME25VB102M12X20LL
C317	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C318	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C319	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C320	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C321	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C322	0160-7748	1	CAP-FXD 1000pF +-10% 50 V CER X7R	12340	C0603C102K5RAC
C323	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C324	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C401	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C402	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C403	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K

**Indicates factory-selected value*

HP Part Number E4400-60124
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C404	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C405	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C406	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C407	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C408	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C409	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C410	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C411	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C412	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C413	0160-5949	1	CAP-FXD 680pF +-5% 50 V CER C0G	06352	C2012COG1H681J
C414	0160-5949	1	CAP-FXD 680pF +-5% 50 V CER C0G	06352	C2012COG1H681J
C415	0160-5949	1	CAP-FXD 680pF +-5% 50 V CER C0G	06352	C2012COG1H681J
C416	0160-5949	1	CAP-FXD 680pF +-5% 50 V CER C0G	06352	C2012COG1H681J
C417	0160-5949	1	CAP-FXD 680pF +-5% 50 V CER C0G	06352	C2012COG1H681J
C418	0160-5949	1	CAP-FXD 680pF +-5% 50 V CER C0G	06352	C2012COG1H681J
C419	0160-5949	1	CAP-FXD 680pF +-5% 50 V CER C0G	06352	C2012COG1H681J
C420	0160-5949	1	CAP-FXD 680pF +-5% 50 V CER C0G	06352	C2012COG1H681J
C421	0160-5949	1	CAP-FXD 680pF +-5% 50 V CER C0G	06352	C2012COG1H681J
C422	0160-5949	1	CAP-FXD 680pF +-5% 50 V CER C0G	06352	C2012COG1H681J
C423	0160-5949	1	CAP-FXD 680pF +-5% 50 V CER C0G	06352	C2012COG1H681J
C424	0160-5949	1	CAP-FXD 680pF +-5% 50 V CER C0G	06352	C2012COG1H681J
C425	0160-5949	1	CAP-FXD 680pF +-5% 50 V CER C0G	06352	C2012COG1H681J
C426	0160-5949	1	CAP-FXD 680pF +-5% 50 V CER C0G	06352	C2012COG1H681J
C427	0160-5949	1	CAP-FXD 680pF +-5% 50 V CER C0G	06352	C2012COG1H681J
C428	0160-5949	1	CAP-FXD 680pF +-5% 50 V CER C0G	06352	C2012COG1H681J
C501	0180-3643	1	CAP-FXD 470uF +-20% 25 V AL-ELCTLT	06360	SME25VB471M10X16LL
C502	0180-3643	1	CAP-FXD 470uF +-20% 25 V AL-ELCTLT	06360	SME25VB471M10X16LL
C503	0180-3750	1	CAP-FXD 0.47uF +-20% 35 V TA	00039	NRS474M35R8
C504	0180-3705	1	CAP-FXD 47uF +-20% 50 V AL-ELCTLT	08709	ECE-A1HU470I
C505	0180-3705	1	CAP-FXD 47uF +-20% 50 V AL-ELCTLT	08709	ECE-A1HU470I
C506	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C507	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C508	0180-4303	1	CAP-FXD 2200uF +-20% 10 V AL-ELCTLT	06360	SME10VB222M12X20LL
C509	0180-4228	1	CAP-FXD 47uF +-20% 10 V TA	02010	TAJD476M010
C510	0180-4228	1	CAP-FXD 47uF +-20% 10 V TA	02010	TAJD476M010

**Indicates factory-selected value*

HP Part Number E4400-60124
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C511	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C512	0180-3750	1	CAP-FXD 0.47uF +-20% 35 V TA	00039	NRS474M35R8
C513	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C514	0180-4069	1	CAP-FXD 1000uF +-20% 25 V AL-ELCTLT	06360	SME25VB102M12X20LL
C515	0180-4228	1	CAP-FXD 47uF +-20% 10 V TA	02010	TAJD476M010
C516	0180-4228	1	CAP-FXD 47uF +-20% 10 V TA	02010	TAJD476M010
C517	0180-4228	1	CAP-FXD 47uF +-20% 10 V TA	02010	TAJD476M010
C518	0180-4303	1	CAP-FXD 2200uF +-20% 10 V AL-ELCTLT	06360	SME10VB222M12X20LL
C519	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C520	0180-3750	1	CAP-FXD 0.47uF +-20% 35 V TA	00039	NRS474M35R8
C521	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C522	0180-4228	1	CAP-FXD 47uF +-20% 10 V TA	02010	TAJD476M010
C523	0180-4228	1	CAP-FXD 47uF +-20% 10 V TA	02010	TAJD476M010
C524	0180-4069	1	CAP-FXD 1000uF +-20% 25 V AL-ELCTLT	06360	SME25VB102M12X20LL
C525	0180-4228	1	CAP-FXD 47uF +-20% 10 V TA	02010	TAJD476M010
C526	0180-4228	1	CAP-FXD 47uF +-20% 10 V TA	02010	TAJD476M010
C528	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C529	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C530	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C531	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C532	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C533	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C534	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C535	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C536	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C537	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C538	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C539	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C550	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C551	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C552	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C553	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C554	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C555	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C556	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT

**Indicates factory-selected value*

HP Part Number E4400-60124
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C557	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C558	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C559	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C601	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C602	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C603	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C604	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C605	0160-7855	1	CAP-FXD 33pF +-5% 50 V CER C0G	02010	06035A330JAT
C606	0160-7855	1	CAP-FXD 33pF +-5% 50 V CER C0G	02010	06035A330JAT
C607	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C608	0180-4274	1	CAP-FXD 4.7uF +-20% 50 V TA	12340	T491D475M050AS
C609	0180-4228	1	CAP-FXD 47uF +-20% 10 V TA	02010	TAJD476M010
C610	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C611	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C612	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C613	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C614	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C615	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C616	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C617	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C618	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C619	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C620	0160-7861	1	CAP-FXD 47pF +-5% 50 V CER C0G	02010	06035A470JAT
C621	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C622	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C623	0160-7861	1	CAP-FXD 47pF +-5% 50 V CER C0G	02010	06035A470JAT
C624	0160-7861	1	CAP-FXD 47pF +-5% 50 V CER C0G	02010	06035A470JAT
C625	0160-7861	1	CAP-FXD 47pF +-5% 50 V CER C0G	02010	06035A470JAT
C626	0180-3750	1	CAP-FXD 0.47uF +-20% 35 V TA	00039	NRS474M35R8
C627	0160-7861	1	CAP-FXD 47pF +-5% 50 V CER C0G	02010	06035A470JAT
C628	0160-7861	1	CAP-FXD 47pF +-5% 50 V CER C0G	02010	06035A470JAT
C629	0160-7861	1	CAP-FXD 47pF +-5% 50 V CER C0G	02010	06035A470JAT
C630	0160-7861	1	CAP-FXD 47pF +-5% 50 V CER C0G	02010	06035A470JAT
C631	0160-7861	1	CAP-FXD 47pF +-5% 50 V CER C0G	02010	06035A470JAT
C632	0160-7861	1	CAP-FXD 47pF +-5% 50 V CER C0G	02010	06035A470JAT

**Indicates factory-selected value*

HP Part Number E4400-60124
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C633	0160-7861	1	CAP-FXD 47pF +-5% 50 V CER C0G	02010	06035A470JAT
C634	0160-7861	1	CAP-FXD 47pF +-5% 50 V CER C0G	02010	06035A470JAT
C635	0160-7861	1	CAP-FXD 47pF +-5% 50 V CER C0G	02010	06035A470JAT
C636	0160-7861	1	CAP-FXD 47pF +-5% 50 V CER C0G	02010	06035A470JAT
C637	0160-7861	1	CAP-FXD 47pF +-5% 50 V CER C0G	02010	06035A470JAT
C638	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C639	0160-7855	1	CAP-FXD 33pF +-5% 50 V CER C0G	02010	06035A330JAT
C640	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C641	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C642	0160-7970	1	CAP-FXD 16pF +-5% 50 V CER C0G	12340	C0603C160J5GAC
C643	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C644	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C645	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C646	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C647	0180-4303	1	CAP-FXD 2200uF +-20% 10 V AL-ELCTLT	06360	SME10VB222M12X20LL
C648	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C649	0180-3755	1	CAP-FXD 33uF +-20% 10 V TA	02010	TAJD336M010
C650	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C651	0180-3705	1	CAP-FXD 47uF +-20% 50 V AL-ELCTLT	08709	ECE-A1HU470I
C652	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C653	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C654	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C655	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C656	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C657	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C658	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C659	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C660	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C661	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C662	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C663	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C664	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C665	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C666	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C667	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT

**Indicates factory-selected value*

HP Part Number E4400-60124
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C668	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C669	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C670	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C671	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C672	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C673	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C674	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C675	0180-3750	1	CAP-FXD 0.47uF +-20% 35 V TA	00039	NRS474M35R8
C676	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C677	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C678	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C679	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C680	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C681	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C682	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C683	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C684	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C685	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C686	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C687	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C688	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C689	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C690	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C691	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C692	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C693	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C694	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C695	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C696	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C697	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C698	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C699	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C701	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C702	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C703	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K

**Indicates factory-selected value*

HP Part Number E4400-60124
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C704	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C705	0160-6444	1	CAP-FXD 0.022uF +-10% 50 V CER X7R	10374	GRM40X7R223K50
C706	0160-7850	1	CAP-FXD 27pF +-5% 50 V CER C0G	02010	06035A270JAT
C707	0160-7850	1	CAP-FXD 27pF +-5% 50 V CER C0G	02010	06035A270JAT
C708	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C709	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C710	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C711	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C712	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C713	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C714	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C715	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C716	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C717	0160-6103	1	CAP-FXD 1800pF +-5% 50 V CER C0G	06352	C3216CH1H182J
C718	0160-7984	1	CAP-FXD 300pF +-5% 50 V CER C0G	06352	C1608COG1H301J
C719	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C720	0160-6107	1	CAP-FXD 3900pF +-5% 50 V CER C0G	09939	GRM42-2C0G392J050C
C721	0160-7979	1	CAP-FXD 110pF +-5% 50 V CER C0G	12340	C0603C111J5GAC
C722	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C723	0180-4228	1	CAP-FXD 47uF +-20% 10 V TA	02010	TAJD476M010
C724	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C725	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C726	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C727	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C728	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C729	0160-6103	1	CAP-FXD 1800pF +-5% 50 V CER C0G	06352	C3216CH1H182J
C730	0160-7984	1	CAP-FXD 300pF +-5% 50 V CER C0G	06352	C1608COG1H301J
C731	0160-6107	1	CAP-FXD 3900pF +-5% 50 V CER C0G	09939	GRM42-2C0G392J050C
C732	0160-7838	1	CAP-FXD 120pF +-5% 50 V CER C0G	02010	06035A121JAT
C733	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C734	0160-6107	1	CAP-FXD 3900pF +-5% 50 V CER C0G	09939	GRM42-2C0G392J050C
C735	0160-6107	1	CAP-FXD 3900pF +-5% 50 V CER C0G	09939	GRM42-2C0G392J050C
C800	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C801	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C802	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K

**Indicates factory-selected value*

HP Part Number E4400-60124
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C803	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C804	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C805	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C806	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C807	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C808	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
CR102	5087-8047	1	D ARR 50V 100MA	28480	5087-8047
CR103	5087-8047	1	D ARR 50V 100MA	28480	5087-8047
CR201	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR202	5087-8047	1	D ARR 50V 100MA	28480	5087-8047
CR203	5087-8047	1	D ARR 50V 100MA	28480	5087-8047
CR204	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR205	1902-1291	1	DIODE-ZNR 1N5338B 5.1V 5% PD=5W IR=1UA	36633	1N5338BRL
CR206	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR207	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR208	1902-1291	1	DIODE-ZNR 1N5338B 5.1V 5% PD=5W IR=1UA	36633	1N5338BRL
CR209	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR301	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR302	1900-0072	1	DIODE-SCHOTTKY SM SIG	01542	1900-0072
CR303	1902-1592	1	DIODE-ZNR 5.1V 5% TO-236 (SOT-23)	02910	BZX84C5V1
CR304	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR501	1901-0877	1	DIODE-PWR RECT 1N5822 40V 3A	36633	1N5822
CR502	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR503	1900-0078	1	DIODE-SCHOTTKY SM SIG	01542	HSMS-2800
CR504	1901-0877	1	DIODE-PWR RECT 1N5822 40V 3A	36633	1N5822
CR505	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR506	1900-0078	1	DIODE-SCHOTTKY SM SIG	01542	HSMS-2800
CR507	1901-0877	1	DIODE-PWR RECT 1N5822 40V 3A	36633	1N5822
CR508	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR509	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR510	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR601	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR602	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR603	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR604	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16

**Indicates factory-selected value*

HP Part Number E4400-60124
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
CR605	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR606	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR607	1900-0078	1	DIODE-SCHOTTKY SM SIG	01542	HSMS-2800
CR608	1901-0877	1	DIODE-PWR RECT 1N5822 40V 3A	36633	1N5822
CR701	1900-0072	1	DIODE-SCHOTTKY SM SIG	01542	1900-0072
CR702	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR703	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR704	1906-0320	1	DIODE-DUAL 40V 40MA T0-236AA	06121	BAS 40-04
CR705	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR706	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR707	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
DS201	1990-1713	1	LED-LAMP LUM-INT=4MCD IF=20MA-MAX BVR=5V	01542	HSMG-C670
DS202	1990-1713	1	LED-LAMP LUM-INT=4MCD IF=20MA-MAX BVR=5V	01542	HSMG-C670
DS203	1990-1713	1	LED-LAMP LUM-INT=4MCD IF=20MA-MAX BVR=5V	01542	HSMG-C670
DS204	1990-1713	1	LED-LAMP LUM-INT=4MCD IF=20MA-MAX BVR=5V	01542	HSMG-C670
DS205	1990-1713	1	LED-LAMP LUM-INT=4MCD IF=20MA-MAX BVR=5V	01542	HSMG-C670
DS206	1990-1713	1	LED-LAMP LUM-INT=4MCD IF=20MA-MAX BVR=5V	01542	HSMG-C670
DS207	1990-1713	1	LED-LAMP LUM-INT=4MCD IF=20MA-MAX BVR=5V	01542	HSMG-C670
DS208	1990-1713	1	LED-LAMP LUM-INT=4MCD IF=20MA-MAX BVR=5V	01542	HSMG-C670
DS501	1990-0835	1	LED-LAMP LUM-INT=6MCD IF=30MA-MAX BVR=5V	01542	HLMP-1585
DS502	1990-0487	1	LED-LAMP LUM-INT=2.2MCD IF=20MA-MAX	01542	HLMP-1401
DS503	1990-1713	1	LED-LAMP LUM-INT=4MCD IF=20MA-MAX BVR=5V	01542	HSMG-C670
DS504	1990-1713	1	LED-LAMP LUM-INT=4MCD IF=20MA-MAX BVR=5V	01542	HSMG-C670
DS505	1990-1713	1	LED-LAMP LUM-INT=4MCD IF=20MA-MAX BVR=5V	01542	HSMG-C670
DS506	1990-1713	1	LED-LAMP LUM-INT=4MCD IF=20MA-MAX BVR=5V	01542	HSMG-C670
DS507	1990-1713	1	LED-LAMP LUM-INT=4MCD IF=20MA-MAX BVR=5V	01542	HSMG-C670
DS508	1990-1713	1	LED-LAMP LUM-INT=4MCD IF=20MA-MAX BVR=5V	01542	HSMG-C670
DS509	1990-1713	1	LED-LAMP LUM-INT=4MCD IF=20MA-MAX BVR=5V	01542	HSMG-C670
DS510	1990-1713	1	LED-LAMP LUM-INT=4MCD IF=20MA-MAX BVR=5V	01542	HSMG-C670
DS511	1990-1713	1	LED-LAMP LUM-INT=4MCD IF=20MA-MAX BVR=5V	01542	HSMG-C670
DS512	1990-1713	1	LED-LAMP LUM-INT=4MCD IF=20MA-MAX BVR=5V	01542	HSMG-C670
E201	9170-1418	1	CORE-SHIELDING BEAD	06352	HF30ACB-453215
E202	9170-1418	1	CORE-SHIELDING BEAD	06352	HF30ACB-453215
E203	9170-1418	1	CORE-SHIELDING BEAD	06352	HF30ACB-453215
E204	9100-1788	1	CORE-FERRITE CHOKE-WIDEBAND;IMP:>680	11212	LB2/2.5ZB

**Indicates factory-selected value*

HP Part Number E4400-60124
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
E301	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E302	9170-1418	1	CORE-SHIELDING BEAD	06352	HF30ACB-453215
E303	9170-1418	1	CORE-SHIELDING BEAD	06352	HF30ACB-453215
E304	9100-1788	1	CORE-FERRITE CHOKE-WIDEBAND;IMP:>680	11212	LB2/2.5ZB
E601	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E602	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E603	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E604	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E605	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E606	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E607	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E608	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E609	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E610	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E611	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E612	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E613	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E614	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E615	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E616	9170-1418	1	CORE-SHIELDING BEAD	06352	HF30ACB-453215
E617	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E618	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E619	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E624	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E625	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E626	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
FL201	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL501	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL750	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL751	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
J1	1252-6024	1	CONN-RECT MICRORBN 100-CKT 100-CONT	01380	2-557102-5
J2	1252-6024	1	CONN-RECT MICRORBN 100-CKT 100-CONT	01380	2-557102-5
J3	1252-6024	1	CONN-RECT MICRORBN 100-CKT 100-CONT	01380	2-557102-5
J4	1252-6024	1	CONN-RECT MICRORBN 100-CKT 100-CONT	01380	2-557102-5
J5	1252-5906	1	CONN-RECT MICRORBN 100-CKT 100-CONT	01380	2-557101-5

**Indicates factory-selected value*

HP Part Number E4400-60124
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
J6	1252-4643	1	CONN-UTIL MINIFIT, JR 20-CONT-POS	03418	39-29-9207
J7	1252-2161	1	CONN-RECT MICRORBN 24-CKT 24-CONT	01380	554923-2
J8	1252-1487	1	CONN-RECT D-SUBMIN 9-CKT 9-CONT	01380	748875-1
J9	1250-1842	1	CONNECTOR-RF BNC FEMALE PC-W-STDFS	01380	227677-1
J10	1250-1842	1	CONNECTOR-RF BNC FEMALE PC-W-STDFS	01380	227677-1
J11	1250-1842	1	CONNECTOR-RF BNC FEMALE PC-W-STDFS	01380	227677-1
J12	1250-1842	1	CONNECTOR-RF BNC FEMALE PC-W-STDFS	01380	227677-1
J13	1250-1842	1	CONNECTOR-RF BNC FEMALE PC-W-STDFS	01380	227677-1
J14	1251-8106	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	04726	2520-6002UB
J15	1251-7854	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	01380	103168-1
J16	1251-7776	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	03418	22-11-2022
J17	1251-7776	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	03418	22-11-2022
J18	1252-1325	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	04726	N2510-6002UB
J19	1252-0500	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	01380	103361-1
J20	1251-8347	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	04726	2526-5002UB
J21	1252-6670	1	CONN-POST TYPE 1-PIN-SPCG-MTG-END	03418	52089-1510
J23	1252-2226	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	04726	2564-6002 UB
J24	1252-2226	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	04726	2564-6002 UB
J25	1251-4928	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	01380	103240-5
J26	1251-8823	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	04726	2514-6002UB
J28	1258-0177	1	SHUNT-PROGRAMMABLE 8 DBL PIN SETS; .800	04225	8136-475G8
J29	1252-3839	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	13369	69190-602
L301	9140-1987	1	INDUCTOR 4.7uH +10% -10% 15.2D-mm	01886	PCV-1-472-10
L501	9140-1115	1	INDUCTOR 22uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-220J-3
L502	9140-1175	1	INDUCTOR-FIXED L:1 MH,-0%,+30% @ 0.35 A	01869	PE-50501-004
L503	9140-1127	1	INDUCTOR 680uH +-5% 3.4W-mmX4.8LG-mm	06352	NL453232T-681J
L504	9140-1170	1	INDUCTOR RF-CH-MLD 1.2uH +-20%	03273	18M121M-1
L505	9140-1170	1	INDUCTOR RF-CH-MLD 1.2uH +-20%	03273	18M121M-1
L506	9140-1483	1	INDUCTOR 94.1uH +20% -12%	01869	92102-KM-3
L507	9100-3922	1	INDUCTOR-FIXED Z > 1200 OHMS 120 TO 650	03273	51-088
L508	9100-3922	1	INDUCTOR-FIXED Z > 1200 OHMS 120 TO 650	03273	51-088
L509	9100-3922	1	INDUCTOR-FIXED Z > 1200 OHMS 120 TO 650	03273	51-088
L510	9100-3922	1	INDUCTOR-FIXED Z > 1200 OHMS 120 TO 650	03273	51-088
L511	9140-1483	1	INDUCTOR 94.1uH +20% -12%	01869	92102-KM-3
L512	9100-3922	1	INDUCTOR-FIXED Z > 1200 OHMS 120 TO 650	03273	51-088

**Indicates factory-selected value*

HP Part Number E4400-60124
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
L601	9100-3922	1	INDUCTOR-FIXED Z > 1200 OHMS 120 TO 650	03273	51-088
L602	9100-3922	1	INDUCTOR-FIXED Z > 1200 OHMS 120 TO 650	03273	51-088
L603	9140-1175	1	INDUCTOR-FIXED L:1 MH,-0%,+30% @ 0.35 A	01869	PE-50501-004
L701	9140-1121	1	INDUCTOR 100uH +-5% 3.4W-mmX4.8LG-mm	06352	NL453232-101J-3
MP2	0380-1467	1	STANDOFF-PRESS-IN 4-MM-LG M3.0 X 0.5-THD	03981	KFSE-M3-4
MP3	0460-2568	1	TAPE-INDL .5-IN-W .0022-IN-T POLYI-FLM	04726	42, 0.5IN
MP4	0460-2568	1	TAPE-INDL .5-IN-W .0022-IN-T POLYI-FLM	04726	42, 0.5IN
P5	1250-0257	1	CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM	02788	5162-5021-09
P6	1250-0257	1	CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM	02788	5162-5021-09
P7	1250-0257	1	CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM	02788	5162-5021-09
P102	1250-0257	1	CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM	02788	5162-5021-09
P103	1250-0257	1	CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM	02788	5162-5021-09
Q301	1853-0580	1	TRANSISTOR PNP SI SOT-23 (TO-236AB)	36633	MMBT4403LT1
Q302	1855-0800	1	TRANSISTOR MOSFET N-CHAN E-MODE TO-252AA	12125	SSR3055L
Q303	1854-1095	1	TRANSISTOR NPN SI SOT-23 (TO-236AB)	36633	MMBT2369LT1
Q304	1853-0580	1	TRANSISTOR PNP SI SOT-23 (TO-236AB)	36633	MMBT4403LT1
Q305	1854-1095	1	TRANSISTOR NPN SI SOT-23 (TO-236AB)	36633	MMBT2369LT1
Q501	1854-0828	1	TRANSISTOR NPN SI DARL TO-220AB PD=65W	00039	NTD560
Q502	1854-1037	1	TRANSISTOR NPN SI TO-236AA PD=350MW	36633	MMBT3904LT1
Q601	1854-1014	1	TRANSISTOR NPN SI TO-236AA PD=350MW	36633	MMBT6429LT1
Q602	1853-0567	1	TRANSISTOR PNP SI SOT-23 (TO-236AB)	36633	MMBT3906LT1
Q603	1853-0567	1	TRANSISTOR PNP SI SOT-23 (TO-236AB)	36633	MMBT3906LT1
Q701	1855-0734	1	TRANSISTOR MOSFET 2N7002 N-CHAN E-MODE	02883	2N7002
Q750	1853-0567	1	TRANSISTOR PNP SI SOT-23 (TO-236AB)	36633	MMBT3906LT1
Q751	1854-1037	1	TRANSISTOR NPN SI TO-236AA PD=350MW	36633	MMBT3904LT1
Q752	1855-0734	1	TRANSISTOR MOSFET 2N7002 N-CHAN E-MODE	02883	2N7002
R101	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R102	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R103	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R104	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R105	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R106	0699-3963	1	RESISTOR 4.64K +-1% .063W TKF TC=0+-200	09891	RK73H1J4641F
R107	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	09891	RK73H1J1003F
R108	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	09891	RK73H1J1003F
R109	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	09891	RK73H1J1003F

**Indicates factory-selected value*

HP Part Number E4400-60124
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R110	1810-1116	1	NET-RES 15 2.2K OHM 16-PIN	05524	SOMC-1601-222G
R111	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J2152F
R112	0699-3954	1	RESISTOR 1.96K +-1% .063W TKF TC=0+-200	09891	RK73H1J1961F
R113	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R115	0699-4005	1	RESISTOR 316K +-1% .063W TKF TC=0+-200	09891	RK73H1J3163F
R116	0699-1466	1	RESISTOR 10M +-10% .125W TKF TC=0+-200	09891	RM73B2BT106K
R117	0699-1466	1	RESISTOR 10M +-10% .125W TKF TC=0+-200	09891	RM73B2BT106K
R119	0699-1431	1	RESISTOR 464 +-1% .125W TKF TC=0+-100	05524	CRCW12064640F
R201	1810-1128	1	NET-RES 15 4.7K OHM 16-PIN	05524	SOMC16-01-472G
R202	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R203	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R204	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R205	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R206	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R207	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R208	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R209	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R210	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R211	0699-3951	1	RESISTOR 1.47K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1471
R212	0699-1422	1	RESISTOR 196 +-1% .125W TKF TC=0+-100	09891	RK73H2BT1960F
R213	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R214	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R215	0699-1348	1	RESISTOR 14.7 +-1% .125W TKF TC=0+-100	05524	CRCW120614R7F
R216	0699-1344	1	RESISTOR 10 +-1% .125W TKF TC=0+-100	09891	RK73H2BT10R0F
R217	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R218	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R219	0699-3962	1	RESISTOR 4.22K +-1% .063W TKF TC=0+-200	09891	RK73H1J4221F
R220	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R221	0699-3954	1	RESISTOR 1.96K +-1% .063W TKF TC=0+-200	09891	RK73H1J1961F
R222	0699-3954	1	RESISTOR 1.96K +-1% .063W TKF TC=0+-200	09891	RK73H1J1961F
R223	0699-3954	1	RESISTOR 1.96K +-1% .063W TKF TC=0+-200	09891	RK73H1J1961F
R224	0699-3954	1	RESISTOR 1.96K +-1% .063W TKF TC=0+-200	09891	RK73H1J1961F
R225	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R226	0699-3962	1	RESISTOR 4.22K +-1% .063W TKF TC=0+-200	09891	RK73H1J4221F
R227	0699-3962	1	RESISTOR 4.22K +-1% .063W TKF TC=0+-200	09891	RK73H1J4221F

**Indicates factory-selected value*

HP Part Number E4400-60124
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R228	0699-3954	1	RESISTOR 1.96K +-1% .063W TKF TC=0+-200	09891	RK73H1J1961F
R229	0699-3954	1	RESISTOR 1.96K +-1% .063W TKF TC=0+-200	09891	RK73H1J1961F
R230	0699-3962	1	RESISTOR 4.22K +-1% .063W TKF TC=0+-200	09891	RK73H1J4221F
R231	0699-3962	1	RESISTOR 4.22K +-1% .063W TKF TC=0+-200	09891	RK73H1J4221F
R232	0699-3954	1	RESISTOR 1.96K +-1% .063W TKF TC=0+-200	09891	RK73H1J1961F
R301	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R302	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R303	0699-3961	1	RESISTOR 3.83K +-1% .063W TKF TC=0+-200	09891	RK73H1J3831F
R304	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R305	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R306	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R307	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R308	0699-1415	1	RESISTOR 100 +-1% .125W TKF TC=0+-100	05524	CRCW12061000F
R309	0699-1415	1	RESISTOR 100 +-1% .125W TKF TC=0+-100	05524	CRCW12061000F
R310	0699-3928	1	RESISTOR 147 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1470
R311	0699-3955	1	RESISTOR 2.15K +-1% .063W TKF TC=0+-200	09891	RK73H1J2151F
R312	0811-3605	1	RESISTOR .1 +-5% .5W PWI TC=0+600	02499	SP-2-0R15%
R313	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J2152F
R314	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R315	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	09891	RK73H1J1003F
R316	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R317	0699-3963	1	RESISTOR 4.64K +-1% .063W TKF TC=0+-200	09891	RK73H1J4641F
R318	0699-3963	1	RESISTOR 4.64K +-1% .063W TKF TC=0+-200	09891	RK73H1J4641F
R319	0699-1437	1	RESISTOR 825 +-1% .125W TKF TC=0+-100	00746	MCR18-F-8250
R320	0699-2831	1	RESISTOR 150 +-0.1% .125W TF TC=0+-25	02499	W1206R031500BT
R321	0699-1318	1	RESISTOR 1K +-1% .125W TKF TC=0+-100	00746	MCR18-F-1001
R322	0699-1386	1	RESISTOR 5.62K +-1% .125W TKF TC=0+-100	09891	RK73H2BT5621F
R323	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R324	0699-3959	1	RESISTOR 3.16K +-1% .063W TKF TC=0+-200	00746	MCR03-F-3161
R325	0699-1427	1	RESISTOR 316 +-1% .125W TKF TC=0+-100	09891	RK73H2BT3160F
R326	0699-3951	1	RESISTOR 1.47K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1471
R327	0699-1375	1	RESISTOR 1.96K +-1% .125W TKF TC=0+-100	09891	RK73H2BT1961F
R401	0699-3943	1	RESISTOR 681 +-1% .063W TKF TC=0+-200	00746	MCR03-F-6810
R402	0699-3943	1	RESISTOR 681 +-1% .063W TKF TC=0+-200	00746	MCR03-F-6810
R403	0699-3943	1	RESISTOR 681 +-1% .063W TKF TC=0+-200	00746	MCR03-F-6810

**Indicates factory-selected value*

HP Part Number E4400-60124
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R404	0699-3943	1	RESISTOR 681 +-1% .063W TKF TC=0+-200	00746	MCR03-F-6810
R405	0699-3943	1	RESISTOR 681 +-1% .063W TKF TC=0+-200	00746	MCR03-F-6810
R406	0699-3943	1	RESISTOR 681 +-1% .063W TKF TC=0+-200	00746	MCR03-F-6810
R407	0699-3943	1	RESISTOR 681 +-1% .063W TKF TC=0+-200	00746	MCR03-F-6810
R408	0699-3943	1	RESISTOR 681 +-1% .063W TKF TC=0+-200	00746	MCR03-F-6810
R409	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R410	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R411	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R412	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R413	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R414	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R415	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R416	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R417	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R418	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R419	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R420	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R421	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R422	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R423	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R424	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R425	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R426	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R427	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R428	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R429	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R430	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R431	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R432	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R433	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R434	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R435	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R436	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R437	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R438	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0

**Indicates factory-selected value*

HP Part Number E4400-60124
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R439	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R440	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R441	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R442	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R501	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R502	0699-1401	1	RESISTOR 28.7K +-1% .125W TKF TC=0+-100	09891	RK73H2BT2872F
R503	0699-3949	1	RESISTOR 1.21K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1211
R504	0699-3949	1	RESISTOR 1.21K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1211
R505	0699-1427	1	RESISTOR 316 +-1% .125W TKF TC=0+-100	09891	RK73H2BT3160F
R506	0699-1435	1	RESISTOR 681 +-1% .125W TKF TC=0+-100	09891	RK73H2BT6810F
R507	0699-1435	1	RESISTOR 681 +-1% .125W TKF TC=0+-100	09891	RK73H2BT6810F
R509	0699-3963	1	RESISTOR 4.64K +-1% .063W TKF TC=0+-200	09891	RK73H1J4641F
R510	0699-3949	1	RESISTOR 1.21K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1211
R511	0699-3951	1	RESISTOR 1.47K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1471
R512	0699-3917	1	RESISTOR 46.4 +-1% .063W TKF TC=0+-200	09891	RK73H1J46R4F
R513	0699-1431	1	RESISTOR 464 +-1% .125W TKF TC=0+-100	05524	CRCW12064640F
R514	0699-1431	1	RESISTOR 464 +-1% .125W TKF TC=0+-100	05524	CRCW12064640F
R515	0699-1431	1	RESISTOR 464 +-1% .125W TKF TC=0+-100	05524	CRCW12064640F
R516	0699-1431	1	RESISTOR 464 +-1% .125W TKF TC=0+-100	05524	CRCW12064640F
R517	0699-3961	1	RESISTOR 3.83K +-1% .063W TKF TC=0+-200	09891	RK73H1J3831F
R518	0699-3949	1	RESISTOR 1.21K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1211
R519	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R520	0699-3917	1	RESISTOR 46.4 +-1% .063W TKF TC=0+-200	09891	RK73H1J46R4F
R521	0699-1427	1	RESISTOR 316 +-1% .125W TKF TC=0+-100	09891	RK73H2BT3160F
R522	0699-1427	1	RESISTOR 316 +-1% .125W TKF TC=0+-100	09891	RK73H2BT3160F
R523	0699-1427	1	RESISTOR 316 +-1% .125W TKF TC=0+-100	09891	RK73H2BT3160F
R524	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R525	0699-3992	1	RESISTOR 90.9K +-1% .063W TKF TC=0+-200	09891	RK73H1J9092F
R526	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R527	0699-1344	1	RESISTOR 10 +-1% .125W TKF TC=0+-100	09891	RK73H2BT10R0F
R528	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R529	0811-3826	1	RESISTOR .2 +-3% 3W MFS TC=0+-300	05524	LVR-0R2
R530	0699-3934	1	RESISTOR 261 +-1% .063W TKF TC=0+-200	09891	RK73H1J2610F
R531	0699-1372	1	RESISTOR 1.47K +-1% .125W TKF TC=0+-100	00746	MCR18-F-1471
R532	0699-3969	1	RESISTOR 9.09K +-1% .063W TKF TC=0+-200	09891	RK73H1J9091F

**Indicates factory-selected value*

HP Part Number E4400-60124
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R533	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R534	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R535	0699-3968	1	RESISTOR 8.25K +-1% .063W TKF TC=0+-200	09891	RK73H1J8251F
R536	0699-3961	1	RESISTOR 3.83K +-1% .063W TKF TC=0+-200	09891	RK73H1J3831F
R537	0699-3979	1	RESISTOR 23.7K +-1% .063W TKF TC=0+-200	09891	RK73H1J2372F
R538	0699-3367	1	RESISTOR 5.62K +-1% .0625W TKF TC=0+-200	06337	232270465622
R539	0699-3367	1	RESISTOR 5.62K +-1% .0625W TKF TC=0+-200	06337	232270465622
R540	0699-3982	1	RESISTOR 31.6K +-1% .063W TKF TC=0+-200	09891	RK73H1J3162F
R541	0699-3368	1	RESISTOR 56.2K +-1% .063W TKF TC=0+-200	05524	CRCW06035622F
R542	0699-3367	1	RESISTOR 5.62K +-1% .0625W TKF TC=0+-200	06337	232270465622
R543	0699-3976	1	RESISTOR 17.8K +-1% .063W TKF TC=0+-200	09891	RK73H1J1782F
R544	0699-3367	1	RESISTOR 5.62K +-1% .0625W TKF TC=0+-200	06337	232270465622
R545	0699-3366	1	RESISTOR 562 +-1% .065W TKF TC=0+-200	09891	RK73H1J5620F
R546	0699-1430	1	RESISTOR 422 +-1% .125W TKF TC=0+-100	05524	CRCW12064220F
R547	0699-3367	1	RESISTOR 5.62K +-1% .0625W TKF TC=0+-200	06337	232270465622
R548	0699-3367	1	RESISTOR 5.62K +-1% .0625W TKF TC=0+-200	06337	232270465622
R549	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R550	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R551	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R552	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R553	0699-1318	1	RESISTOR 1K +-1% .125W TKF TC=0+-100	00746	MCR18-F-1001
R554	0699-3366	1	RESISTOR 562 +-1% .065W TKF TC=0+-200	09891	RK73H1J5620F
R555	0699-1433	1	RESISTOR 562 +-1% .125W TKF TC=0+-100	05524	CRCW12065620F
R556	0699-3366	1	RESISTOR 562 +-1% .065W TKF TC=0+-200	09891	RK73H1J5620F
R557	0699-1430	1	RESISTOR 422 +-1% .125W TKF TC=0+-100	05524	CRCW12064220F
R558	0699-3366	1	RESISTOR 562 +-1% .065W TKF TC=0+-200	09891	RK73H1J5620F
R559	0699-1372	1	RESISTOR 1.47K +-1% .125W TKF TC=0+-100	00746	MCR18-F-1471
R560	0699-3366	1	RESISTOR 562 +-1% .065W TKF TC=0+-200	09891	RK73H1J5620F
R561	0699-1372	1	RESISTOR 1.47K +-1% .125W TKF TC=0+-100	00746	MCR18-F-1471
R562	0699-3366	1	RESISTOR 562 +-1% .065W TKF TC=0+-200	09891	RK73H1J5620F
R563	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R564	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J2152F
R565	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R566	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R567	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001

**Indicates factory-selected value*

HP Part Number E4400-60124
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R568	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R569	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R570	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R601	0699-3962	1	RESISTOR 4.22K +-1% .063W TKF TC=0+-200	09891	RK73H1J4221F
R602	0699-3962	1	RESISTOR 4.22K +-1% .063W TKF TC=0+-200	09891	RK73H1J4221F
R603	0699-3954	1	RESISTOR 1.96K +-1% .063W TKF TC=0+-200	09891	RK73H1J1961F
R604	0699-3959	1	RESISTOR 3.16K +-1% .063W TKF TC=0+-200	00746	MCR03-F-3161
R605	0699-3957	1	RESISTOR 2.61K +-1% .063W TKF TC=0+-200	09891	RK73H1J2611F
R606	0699-3954	1	RESISTOR 1.96K +-1% .063W TKF TC=0+-200	09891	RK73H1J1961F
R607	0699-2776	1	RESISTOR 1 +-10% .125W TKF TC=0+-500	00746	MCR18-K-010
R608	0699-3945	1	RESISTOR 825 +-1% .063W TKF TC=0+-200	00746	MCR03-F-8250
R609	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R610	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R611	0699-4005	1	RESISTOR 316K +-1% .063W TKF TC=0+-200	09891	RK73H1J3163F
R612	0699-3954	1	RESISTOR 1.96K +-1% .063W TKF TC=0+-200	09891	RK73H1J1961F
R613	0699-3954	1	RESISTOR 1.96K +-1% .063W TKF TC=0+-200	09891	RK73H1J1961F
R614	0699-3951	1	RESISTOR 1.47K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1471
R615	0699-3951	1	RESISTOR 1.47K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1471
R616	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R617	0699-1415	1	RESISTOR 100 +-1% .125W TKF TC=0+-100	05524	CRCW12061000F
R618	0699-1415	1	RESISTOR 100 +-1% .125W TKF TC=0+-100	05524	CRCW12061000F
R619	0699-2489	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	02499	W1206R031002BT
R620	0699-1415	1	RESISTOR 100 +-1% .125W TKF TC=0+-100	05524	CRCW12061000F
R621	0699-2489	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	02499	W1206R031002BT
R622	0699-3917	1	RESISTOR 46.4 +-1% .063W TKF TC=0+-200	09891	RK73H1J46R4F
R623	0699-3949	1	RESISTOR 1.21K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1211
R624	0699-3972	1	RESISTOR 12.1K +-1% .063W TKF TC=0+-200	09891	RK73H1J1212F
R625	0698-3338	1	RESISTOR 1.5K +-5% 2W MO TC=0+-200	02499	GS-31501
R626	0699-3917	1	RESISTOR 46.4 +-1% .063W TKF TC=0+-200	09891	RK73H1J46R4F
R627	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J2152F
R628	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J2152F
R629	0699-3962	1	RESISTOR 4.22K +-1% .063W TKF TC=0+-200	09891	RK73H1J4221F
R630	0699-3962	1	RESISTOR 4.22K +-1% .063W TKF TC=0+-200	09891	RK73H1J4221F
R631	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R632	0699-3963	1	RESISTOR 4.64K +-1% .063W TKF TC=0+-200	09891	RK73H1J4641F

**Indicates factory-selected value*

HP Part Number E4400-60124
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R633	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J2152F
R634	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R635	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R636	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R637	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R638	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R639	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R640	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R641	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R642	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R643	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R644	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R645	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R646	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R647	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R648	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R649	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R650	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R651	0699-3995	1	RESISTOR 121K +-1% .063W TKF TC=0+-200	09891	RK73H1J1213F
R652	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R653	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R654	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R655	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R656	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R657	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R658	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R659	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R660	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R661	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R662	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R701	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R702	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	09891	RK73H1J1003F
R703	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	09891	RK73H1J1003F
R704	0699-3963	1	RESISTOR 4.64K +-1% .063W TKF TC=0+-200	09891	RK73H1J4641F
R705	0699-1384	1	RESISTOR 4.64K +-1% .125W TKF TC=0+-100	09891	RK73H2BT4641F

**Indicates factory-selected value*

HP Part Number E4400-60124
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R706	0699-1384	1	RESISTOR 4.64K +-1% .125W TKF TC=0+-100	09891	RK73H2BT4641F
R707	0699-1384	1	RESISTOR 4.64K +-1% .125W TKF TC=0+-100	09891	RK73H2BT4641F
R708	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J2152F
R709	0699-3979	1	RESISTOR 23.7K +-1% .063W TKF TC=0+-200	09891	RK73H1J2372F
R710	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R711	0699-3979	1	RESISTOR 23.7K +-1% .063W TKF TC=0+-200	09891	RK73H1J2372F
R712	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R713	0699-3971	1	RESISTOR 11K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1102
R714	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R715	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R716	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R717	0699-3974	1	RESISTOR 14.7K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1472
R718	0699-3982	1	RESISTOR 31.6K +-1% .063W TKF TC=0+-200	09891	RK73H1J3162F
R719	0699-1392	1	RESISTOR 11K +-1% .125W TKF TC=0+-100	05524	CRCW12061102F
R720	0699-3968	1	RESISTOR 8.25K +-1% .063W TKF TC=0+-200	09891	RK73H1J8251F
R721	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R722	0699-3974	1	RESISTOR 14.7K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1472
R723	0699-4009	1	RESISTOR 464K +-1% .063W TKF TC=0+-200	09891	RK73H1J4643F
R724	0699-2824	1	RESISTOR 7.5K +-0.1% .125W TF TC=0+-25	01172	BLU-1206 7K5 .1% 25PPM
R725	0699-2840	1	RESISTOR 2.5K +-0.1% .125W TF TC=0+-25	02499	W1206R032501BT
R726	0699-3968	1	RESISTOR 8.25K +-1% .063W TKF TC=0+-200	09891	RK73H1J8251F
R727	0699-3972	1	RESISTOR 12.1K +-1% .063W TKF TC=0+-200	09891	RK73H1J1212F
R728	0699-3963	1	RESISTOR 4.64K +-1% .063W TKF TC=0+-200	09891	RK73H1J4641F
R729	0699-3963	1	RESISTOR 4.64K +-1% .063W TKF TC=0+-200	09891	RK73H1J4641F
R730	0699-3966	1	RESISTOR 6.81K +-1% .063W TKF TC=0+-200	09891	RK73H1J6811F
R731	0699-3961	1	RESISTOR 3.83K +-1% .063W TKF TC=0+-200	09891	RK73H1J3831F
R732	0699-3961	1	RESISTOR 3.83K +-1% .063W TKF TC=0+-200	09891	RK73H1J3831F
R733	0699-3967	1	RESISTOR 7.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J7501F
R734	0699-3366	1	RESISTOR 562 +-1% .065W TKF TC=0+-200	09891	RK73H1J5620F
R750	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R751	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R752	0699-1380	1	RESISTOR 3.16K +-1% .125W TKF TC=0+-100	05524	CRCW12063161F
R753	0699-1380	1	RESISTOR 3.16K +-1% .125W TKF TC=0+-100	05524	CRCW12063161F
R754	0699-1380	1	RESISTOR 3.16K +-1% .125W TKF TC=0+-100	05524	CRCW12063161F
R755	0699-1380	1	RESISTOR 3.16K +-1% .125W TKF TC=0+-100	05524	CRCW12063161F

**Indicates factory-selected value*

HP Part Number E4400-60124
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R756	0699-1380	1	RESISTOR 3.16K +-1% .125W TKF TC=0+-100	05524	CRCW12063161F
R757	0699-1380	1	RESISTOR 3.16K +-1% .125W TKF TC=0+-100	05524	CRCW12063161F
R758	0699-1318	1	RESISTOR 1K +-1% .125W TKF TC=0+-100	00746	MCR18-F-1001
R765	0699-3574	1	RESISTOR 0 .0625W TKF	09891	RM73Z1JT
R766	0699-1503	1	RESISTOR 0 CWM	05524	CRCW1206000
R767	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R768	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R769	0699-1415	1	RESISTOR 100 +-1% .125W TKF TC=0+-100	05524	CRCW12061000F
R770	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R771	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R772	0699-1415	1	RESISTOR 100 +-1% .125W TKF TC=0+-100	05524	CRCW12061000F
R773	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R774	0699-1415	1	RESISTOR 100 +-1% .125W TKF TC=0+-100	05524	CRCW12061000F
RT101	3101-3267	1	THERMISTOR	02145	SMD030
RT201	3101-3267	1	THERMISTOR	02145	SMD030
RT202	3101-3267	1	THERMISTOR	02145	SMD030
RT301	0837-0359	1	THERMISTOR DISC 33-OHM TC=+15%/C-DEG	09939	PTH8L07BD330N3B550
S201	3101-2243	1	SWITCH-DIP RKR 8-1A 0.05A 30VDC	04990	76YY22318ST
U101	1821-0787	1	IC-INTERFACE XCVR CMOS RS-232C	10858	LT1137ACS
U102	1820-4250	1	IC INV TTL/ALS HEX	01698	SN74ALS05AD
U103	1821-0078	1	IC-32-BIT CPU W/2K RAM,TPU,QSM	02037	MC68332ACFC16
U104	1820-7733	1	IC DRVR CMOS/ACT LINE 16-BIT	01698	74ACT16244DL
U105	1820-7733	1	IC DRVR CMOS/ACT LINE 16-BIT	01698	74ACT16244DL
U106	1818-5946	1	IC 256K-BIT EEPROM 200-NS CMOS	10572	X28C256J-20
U107	1818-5946	1	IC 256K-BIT EEPROM 200-NS CMOS	10572	X28C256J-20
U108	1818-7661	1	IC 32M-BIT FLASH 70-NS CMOS	28480	1818-7661
U112	1818-5965	1	IC 4M-BIT SRAM 70-NS CMOS	06347	HM628512BLFP-7SL
U113	1818-5965	1	IC 4M-BIT SRAM 70-NS CMOS	06347	HM628512BLFP-7SL
U114	1820-7245	1	IC DCDR-DEMUXR CMOS/AC BIN 4-TO-1-LINE	02237	74AC139SCX.
U116	1820-4998	1	IC GATE TTL/F OR QUAD 2-INP	02910	74F32D
U117	1820-4377	1	IC GATE TTL/F NAND QUAD 2-INP	02910	74F00D
U118	1820-5870	1	IC INV TTL/F HEX	01698	SN74F04D
U119	E4400-80069	1	PLD U119	28480	E4400-80069
U120	1820-8503	1	IC TRANSCEIVER CMOS/ACT BUS DUAL 8-BIT	01698	74ACT16245DL
U121	E4400-80087	1	EPROM U121	28480	E4400-80087

**Indicates factory-selected value*

HP Part Number E4400-60124
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
U122	1820-7281	1	IC TRANSCEIVER CMOS/ACL BUS OCTL	01698	74ACT11245DW
U123	1820-7245	1	IC DCDR-DEMUXR CMOS/AC BIN 4-TO-1-LINE	02237	74AC139SCX.
U125	1820-4364	1	IC GATE TTL/F AND QUAD 2-INP	02910	74F08D
U201	1820-5934	1	IC DCDR-DEMUXR CMOS/AC BIN 8-TO-1-LINE	36633	MC74AC138DR2
U202	1820-7733	1	IC DRVR CMOS/ACT LINE 16-BIT	01698	74ACT16244DL
U203	1820-8486	1	IC FF CMOS/ACT D-TYPE POS-EDGE-TRIG COM	36633	MC74ACT273DWR2
U204	1820-5937	1	IC FF CMOS/AC D-TYPE POS-EDGE-TRIG	02237	74AC74SC.
U205	1820-5950	1	IC INV CMOS/AC HEX 14-SOIC	02237	74AC04SCX
U206	1820-7604	1	IC-INTERFACE XCVR BIPOLAR BUS	01698	SN75ALS164DW
U207	1821-1721	1	IC-HPIB CONTROLLER	01698	MP9914FNL
U208	1820-6176	1	IC-INTERFACE XCVR BIPOLAR BUS OCTL	01698	SN75ALS160DW
U209	1820-5945	1	IC GATE CMOS/AC NAND QUAD 2-INP	36633	MC74AC00D
U210	E4400-80032	1	U210 PRGMD IC	28480	E4400-80032
U211	1820-6391	1	IC GATE CMOS/AC EXCL-OR QUAD 2-INP	02237	74AC86SCX.
U212	1820-7733	1	IC DRVR CMOS/ACT LINE 16-BIT	01698	74ACT16244DL
U213	1820-7281	1	IC TRANSCEIVER CMOS/ACL BUS OCTL	01698	74ACT11245DW
U214	1820-6311	1	IC FF TTL/F D-TYPE POS-EDGE-TRIG COM	02910	74F574D
U215	1820-6311	1	IC FF TTL/F D-TYPE POS-EDGE-TRIG COM	02910	74F574D
U216	1820-8941	1	IC MUXR/DATA-SEL CMOS/ACT 4-TO-1-LINE	02237	74ACT253SCX.
U301	1826-1897	1	IC PWR MGT-VS-SUPVR/CONT	01698	TL7705ACD
U302	1820-7244	1	IC SCHMITT-TRIG CMOS/AC INV HEX	02237	74AC14SCX.
U303	1826-1912	1	IC OP AMP H-SLEW-RATE DUAL 8 PIN	36633	MC34072DR2
U304	1826-1826	1	IC PWR MGT-V-REG-ADJ-POS 1.2/37V 8 PINS	03406	LM317LM
U305	1820-7218	1	IC CNTR CMOS/AC BIN SYNCHRO	02237	74AC163SCX.
U401	1820-8486	1	IC FF CMOS/ACT D-TYPE POS-EDGE-TRIG COM	36633	MC74ACT273DWR2
U402	1820-5934	1	IC DCDR-DEMUXR CMOS/AC BIN 8-TO-1-LINE	36633	MC74AC138DR2
U403	1820-7332	1	IC DRVR TTL/F INV HEX	02910	N74F07D
U404	1820-7332	1	IC DRVR TTL/F INV HEX	02910	N74F07D
U405	1820-5800	1	IC GATE TTL/F NAND 8-INP	01698	SN74F30D
U406	1820-5945	1	IC GATE CMOS/AC NAND QUAD 2-INP	36633	MC74AC00D
U407	1820-6620	1	IC DRVR CMOS/ACL BUS OCTL	01698	74ACT11244DW
U408	1820-5934	1	IC DCDR-DEMUXR CMOS/AC BIN 8-TO-1-LINE	36633	MC74AC138DR2
U409	1820-5934	1	IC DCDR-DEMUXR CMOS/AC BIN 8-TO-1-LINE	36633	MC74AC138DR2
U410	1820-7733	1	IC DRVR CMOS/ACT LINE 16-BIT	01698	74ACT16244DL
U411	1820-7249	1	IC MUXR/DATA-SEL CMOS/AC 8-TO-1-LINE	02237	74AC251SCX.

**Indicates factory-selected value*

HP Part Number E4400-60124
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
U501	1826-2693	1	IC PWR MGT-V-REG-SWG 5 PINS PLSTC-D2PAK	10858	LT1170CQ
U502	1826-2693	1	IC PWR MGT-V-REG-SWG 5 PINS PLSTC-D2PAK	10858	LT1170CQ
U503	1826-2693	1	IC PWR MGT-V-REG-SWG 5 PINS PLSTC-D2PAK	10858	LT1170CQ
U504	1826-2146	1	IC OP AMP PRCN SINGLE 8 PIN PLSTC-SOIC	03285	OP-77GS
U505	1826-1687	1	IC PWR MGT-V-REF-FXD 9.95/10.05V 8 PINS	10858	LT1021DCS8-10
U506	1826-1872	1	IC PWR MGT-V-REG-ADJ-POS 4.975/5.025V 8	03406	LP2951ACM
U507	1826-3233	1	IC PWR MGT-V-REG-ADJ-NEG 8 PINS P-SOIC	10858	LT1175CS8
U508	1826-1528	1	IC COMPARATOR LP QUAD 14 PIN PLSTC-SOIC	03406	LM339M
U509	1820-5934	1	IC DCDR-DEMUXR CMOS/AC BIN 8-TO-1-LINE	36633	MC74AC138DR2
U510	1820-8486	1	IC FF CMOS/ACT D-TYPE POS-EDGE-TRIG COM	36633	MC74ACT273DWR2
U511	1820-8486	1	IC FF CMOS/ACT D-TYPE POS-EDGE-TRIG COM	36633	MC74ACT273DWR2
U512	1820-6620	1	IC DRVR CMOS/ACL BUS OCTL	01698	74ACT11244DW
U513	1826-2147	1	ANALOG MULTIPLEXER 8 CHNL 16 -P-SOIC	02883	DG408DY
U601	1820-5870	1	IC INV TTL/F HEX	01698	SN74F04D
U602	1820-5040	1	IC FF TTL/F D-TYPE POS-EDGE-TRIG	02910	74F74D
U603	E4400-80070	1	PLD U603	28480	E4400-80070
U604	1826-1619	1	D/A 8-BIT 20-PLCC CMOS	03285	AD7528JP
U605	1826-1622	1	IC OP AMP LOW-BIAS-H-IMPD QUAD 14 PIN	01698	TL074CD
U606	1813-0794	1	CLK-OSC-XTAL STD 14.31818-MHZ 0.01%	07919	1813-0794
U607	1821-0789	1	IC-FLAT PANEL VGA CONTROLLER	12410	F65510-A
U608	1820-4256	1	IC MV TTL/LS MONOSTBL RETRIG DUAL	01698	SN74LS123D
U609	1820-5937	1	IC FF CMOS/AC D-TYPE POS-EDGE-TRIG	02237	74AC74SC.
U610	1818-5155	1	DRAM 256KX16 80 NS SOJ FST-PG-M 5V	12334	MT4C16257DJ-8
U611	1826-3421	1	D/A 12-BIT 20-PLSTC-SSOP BPLR	03285	AD7948ARS-B
U612	1826-2981	1	IC OP AMP PRCN DUAL 8 PIN PLSTC-SOIC	10858	LT1124CS8
U613	1826-2145	1	ANALOG SWITCH 4 SPST 16 -P-SOIC	02883	DG413DY
U614	1826-2693	1	IC PWR MGT-V-REG-SWG 5 PINS PLSTC-D2PAK	10858	LT1170CQ
U615	1820-5934	1	IC DCDR-DEMUXR CMOS/AC BIN 8-TO-1-LINE	36633	MC74AC138DR2
U616	1820-7733	1	IC DRVR CMOS/ACT LINE 16-BIT	01698	74ACT16244DL
U617	1820-5800	1	IC GATE TTL/F NAND 8-INP	01698	SN74F30D
U618	1820-8486	1	IC FF CMOS/ACT D-TYPE POS-EDGE-TRIG COM	36633	MC74ACT273DWR2
U619	1820-5040	1	IC FF TTL/F D-TYPE POS-EDGE-TRIG	02910	74F74D
U620	1820-5936	1	IC GATE CMOS/AC OR QUAD 2-INP	36633	MC74AC32DR2
U621	1820-7246	1	IC CNTR CMOS/AC BIN SYNC/ASYNC	02237	74AC161SCX.
U622	1820-7246	1	IC CNTR CMOS/AC BIN SYNC/ASYNC	02237	74AC161SCX.

**Indicates factory-selected value*

HP Part Number E4400-60124
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
U701	1820-5945	1	IC GATE CMOS/AC NAND QUAD 2-INP	36633	MC74AC00D
U702	1820-5936	1	IC GATE CMOS/AC OR QUAD 2-INP	36633	MC74AC32DR2
U703	1820-8435	1	IC TRANSCEIVER TTL/F BUS OCTL	02910	74F652AD
U704	1820-8486	1	IC FF CMOS/ACT D-TYPE POS-EDGE-TRIG COM	36633	MC74ACT273DWR2
U705	1820-5937	1	IC FF CMOS/AC D-TYPE POS-EDGE-TRIG	02237	74AC74SC.
U706	1820-7244	1	IC SCHMITT-TRIG CMOS/AC INV HEX	02237	74AC14SCX.
U707	1821-1154	1	IC-ON-CHIP PROGRAM AND DATA MEMORY	03285	ADSP-2101-KP66
U708	1820-5934	1	IC DCDR-DEMUXR CMOS/AC BIN 8-TO-1-LINE	36633	MC74AC138DR2
U709	1820-5936	1	IC GATE CMOS/AC OR QUAD 2-INP	36633	MC74AC32DR2
U710	1820-8486	1	IC FF CMOS/ACT D-TYPE POS-EDGE-TRIG COM	36633	MC74ACT273DWR2
U712	1818-4218	1	IC 256K-BIT SRAM 100-NS CMOS	08779	M5M5256DFP-70LL
U713	1826-3000	1	IC AUDIO AMPL LOW-NOISE DUAL 8 PIN	03285	OP275GS
U714	1826-3000	1	IC AUDIO AMPL LOW-NOISE DUAL 8 PIN	03285	OP275GS
U715	1826-1925	1	IC OP AMP LOW-NOISE SINGLE 8 PIN	03285	OP-27GS
U716	1820-5937	1	IC FF CMOS/AC D-TYPE POS-EDGE-TRIG	02237	74AC74SC.
U717	1826-3245	1	A/D 12-BIT 24-P-SOIC CMOS	03285	AD7853AR
U718	1826-2722	1	D/A 12-BIT 16-P-SOIC CMOS	03285	AD11/2004-0
U719	1826-3000	1	IC AUDIO AMPL LOW-NOISE DUAL 8 PIN	03285	OP275GS
Y101	0410-2153	1	CRYSTAL-QUARTZ 32.768 KHZ	09235	FSM-327
Y701	0410-2582	1	CRYSTAL-QUARTZ 16.0 MHZ	12768	MA-506 16.000M-B

**Indicates factory-selected value*

Component-Level Information Packet for E4400-60192

CPU/Motherboard

HEWLETT PACKARD

HP Part No. E4400-90274
Printed in USA September 1999

Notice. The information contained in this document is subject to change without notice.

Hewlett-Packard makes no warranty of any kind with regard to this material, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Hewlett-Packard shall not be liable for errors contained herein or for incidental or consequential damages in connection with the furnishing, performance, or use of this material.

©Copyright Hewlett-Packard Company 1999
All Rights Reserved. Reproduction, adaptation, or translation without prior written permission is prohibited, except as allowed under the copyright laws.

HP Part Number E4400-60192
CPU/Motherboard

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
BT301	1420-0338	1	BATTERY 3V 1.2A-HR LITHIUM POLYCARBON	08709	BR2/3AE2P
C101	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C102	0180-3749	1	CAP-FXD 0.22uF +-20% 35 V TA	00039	NRA224M35R8
C103	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C104	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C105	0180-3749	1	CAP-FXD 0.22uF +-20% 35 V TA	00039	NRA224M35R8
C106	0160-7859	1	CAP-FXD 3900pF +-10% 50 V CER X7R	02010	06035C392KAT
C107	0160-7859	1	CAP-FXD 3900pF +-10% 50 V CER X7R	02010	06035C392KAT
C108	0160-7859	1	CAP-FXD 3900pF +-10% 50 V CER X7R	02010	06035C392KAT
C109	0160-7859	1	CAP-FXD 3900pF +-10% 50 V CER X7R	02010	06035C392KAT
C110	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C111	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C112	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C113	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C114	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C115	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C116	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C117	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C118	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C119	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C120	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C121	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C122	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C126	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C127	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C130	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C131	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C132	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C133	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C135	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C136	0160-7792	1	CAP-FXD 18pF +-5% 50 V CER C0G	13853	0603G180J500ST
C137	0160-7850	1	CAP-FXD 27pF +-5% 50 V CER C0G	02010	06035A270JAT
C138	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C139	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C140	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K

**Indicates factory-selected value*

HP Part Number E4400-60192
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C141	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C142	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C143	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C144	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C145	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C146	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C147	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C148	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C149	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C201	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C202	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C203	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C204	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C205	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C206	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C207	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C208	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C209	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C210	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C211	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C212	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C213	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C214	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C215	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C216	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C217	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C218	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C219	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C220	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C221	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C222	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C223	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C224	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C225	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C226	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K

**Indicates factory-selected value*

HP Part Number E4400-60192
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C227	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C228	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C229	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C230	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C231	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C232	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C233	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C250	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C301	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C302	0180-3755	1	CAP-FXD 33uF +-20% 10 V TA	02010	TAJD336M010
C303	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C304	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C305	0180-4228	1	CAP-FXD 47uF +-20% 10 V TA	02010	TAJD476M010
C306	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C307	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C308	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C309	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C310	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C311	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C312	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C313	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C314	0180-4228	1	CAP-FXD 47uF +-20% 10 V TA	02010	TAJD476M010
C315	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C316	0180-4069	1	CAP-FXD 1000uF +-20% 25 V AL-ELCTLT	06360	SME25VB102M12X20LL
C317	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C318	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C319	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C320	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C321	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C322	0160-7748	1	CAP-FXD 1000pF +-10% 50 V CER X7R	12340	C0603C102K5RAC
C323	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C324	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C325	0160-5954	1	CAP-FXD 220pF +-5% 50 V CER C0G	02010	08055A221JAT A
C326	0160-5954	1	CAP-FXD 220pF +-5% 50 V CER C0G	02010	08055A221JAT A
C401	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K

**Indicates factory-selected value*

HP Part Number E4400-60192
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C402	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C403	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C404	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C405	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C406	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C407	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C408	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C409	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C410	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C411	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C412	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C413	0160-5949	1	CAP-FXD 680pF +-5% 50 V CER C0G	06352	C2012COG1H681J
C414	0160-5949	1	CAP-FXD 680pF +-5% 50 V CER C0G	06352	C2012COG1H681J
C415	0160-5949	1	CAP-FXD 680pF +-5% 50 V CER C0G	06352	C2012COG1H681J
C416	0160-5949	1	CAP-FXD 680pF +-5% 50 V CER C0G	06352	C2012COG1H681J
C417	0160-5949	1	CAP-FXD 680pF +-5% 50 V CER C0G	06352	C2012COG1H681J
C418	0160-5949	1	CAP-FXD 680pF +-5% 50 V CER C0G	06352	C2012COG1H681J
C419	0160-5949	1	CAP-FXD 680pF +-5% 50 V CER C0G	06352	C2012COG1H681J
C420	0160-5949	1	CAP-FXD 680pF +-5% 50 V CER C0G	06352	C2012COG1H681J
C421	0160-5949	1	CAP-FXD 680pF +-5% 50 V CER C0G	06352	C2012COG1H681J
C422	0160-5949	1	CAP-FXD 680pF +-5% 50 V CER C0G	06352	C2012COG1H681J
C423	0160-5949	1	CAP-FXD 680pF +-5% 50 V CER C0G	06352	C2012COG1H681J
C424	0160-5949	1	CAP-FXD 680pF +-5% 50 V CER C0G	06352	C2012COG1H681J
C425	0160-5949	1	CAP-FXD 680pF +-5% 50 V CER C0G	06352	C2012COG1H681J
C426	0160-5949	1	CAP-FXD 680pF +-5% 50 V CER C0G	06352	C2012COG1H681J
C427	0160-5949	1	CAP-FXD 680pF +-5% 50 V CER C0G	06352	C2012COG1H681J
C428	0160-5949	1	CAP-FXD 680pF +-5% 50 V CER C0G	06352	C2012COG1H681J
C501	0180-3643	1	CAP-FXD 470uF +-20% 25 V AL-ELCTLT	06360	SME25VB471M10X16LL
C502	0180-3643	1	CAP-FXD 470uF +-20% 25 V AL-ELCTLT	06360	SME25VB471M10X16LL
C503	0180-3750	1	CAP-FXD 0.47uF +-20% 35 V TA	00039	NRS474M35R8
C504	0180-3705	1	CAP-FXD 47uF +-20% 50 V AL-ELCTLT	08709	ECE-A1HU470I
C505	0180-3705	1	CAP-FXD 47uF +-20% 50 V AL-ELCTLT	08709	ECE-A1HU470I
C506	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C507	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C508	0180-4303	1	CAP-FXD 2200uF +-20% 10 V AL-ELCTLT	06360	SME10VB222M12X20LL

**Indicates factory-selected value*

HP Part Number E4400-60192
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C509	0180-4228	1	CAP-FXD 47uF +-20% 10 V TA	02010	TAJD476M010
C510	0180-4228	1	CAP-FXD 47uF +-20% 10 V TA	02010	TAJD476M010
C511	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C512	0180-3750	1	CAP-FXD 0.47uF +-20% 35 V TA	00039	NRS474M35R8
C513	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C514	0180-4069	1	CAP-FXD 1000uF +-20% 25 V AL-ELCTLT	06360	SME25VB102M12X20LL
C515	0180-4228	1	CAP-FXD 47uF +-20% 10 V TA	02010	TAJD476M010
C516	0180-4228	1	CAP-FXD 47uF +-20% 10 V TA	02010	TAJD476M010
C517	0180-4228	1	CAP-FXD 47uF +-20% 10 V TA	02010	TAJD476M010
C518	0180-4303	1	CAP-FXD 2200uF +-20% 10 V AL-ELCTLT	06360	SME10VB222M12X20LL
C519	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C520	0180-3750	1	CAP-FXD 0.47uF +-20% 35 V TA	00039	NRS474M35R8
C521	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C522	0180-4228	1	CAP-FXD 47uF +-20% 10 V TA	02010	TAJD476M010
C523	0180-4228	1	CAP-FXD 47uF +-20% 10 V TA	02010	TAJD476M010
C524	0180-4069	1	CAP-FXD 1000uF +-20% 25 V AL-ELCTLT	06360	SME25VB102M12X20LL
C525	0180-4228	1	CAP-FXD 47uF +-20% 10 V TA	02010	TAJD476M010
C526	0180-4228	1	CAP-FXD 47uF +-20% 10 V TA	02010	TAJD476M010
C528	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C529	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C530	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C531	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C532	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C533	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C534	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C535	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C536	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C537	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C538	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C539	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C550	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C551	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C552	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C553	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C554	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K

**Indicates factory-selected value*

HP Part Number E4400-60192
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C555	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C556	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C557	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C558	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C559	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C601	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C602	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C603	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C604	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C605	0160-7855	1	CAP-FXD 33pF +-5% 50 V CER C0G	02010	06035A330JAT
C606	0160-7855	1	CAP-FXD 33pF +-5% 50 V CER C0G	02010	06035A330JAT
C607	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C608	0180-4274	1	CAP-FXD 4.7uF +-20% 50 V TA	12340	T491D475M050AS
C609	0180-4228	1	CAP-FXD 47uF +-20% 10 V TA	02010	TAJD476M010
C610	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C611	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C612	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C613	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C614	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C615	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C616	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C617	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C618	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C619	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C620	0160-7861	1	CAP-FXD 47pF +-5% 50 V CER C0G	02010	06035A470JAT
C621	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C622	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C623	0160-7861	1	CAP-FXD 47pF +-5% 50 V CER C0G	02010	06035A470JAT
C624	0160-7861	1	CAP-FXD 47pF +-5% 50 V CER C0G	02010	06035A470JAT
C625	0160-7861	1	CAP-FXD 47pF +-5% 50 V CER C0G	02010	06035A470JAT
C626	0180-3750	1	CAP-FXD 0.47uF +-20% 35 V TA	00039	NRS474M35R8
C627	0160-7861	1	CAP-FXD 47pF +-5% 50 V CER C0G	02010	06035A470JAT
C628	0160-7861	1	CAP-FXD 47pF +-5% 50 V CER C0G	02010	06035A470JAT
C629	0160-7861	1	CAP-FXD 47pF +-5% 50 V CER C0G	02010	06035A470JAT
C630	0160-7861	1	CAP-FXD 47pF +-5% 50 V CER C0G	02010	06035A470JAT

**Indicates factory-selected value*

HP Part Number E4400-60192
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C631	0160-7861	1	CAP-FXD 47pF +-5% 50 V CER C0G	02010	06035A470JAT
C632	0160-7861	1	CAP-FXD 47pF +-5% 50 V CER C0G	02010	06035A470JAT
C633	0160-7861	1	CAP-FXD 47pF +-5% 50 V CER C0G	02010	06035A470JAT
C634	0160-7861	1	CAP-FXD 47pF +-5% 50 V CER C0G	02010	06035A470JAT
C635	0160-7861	1	CAP-FXD 47pF +-5% 50 V CER C0G	02010	06035A470JAT
C636	0160-7861	1	CAP-FXD 47pF +-5% 50 V CER C0G	02010	06035A470JAT
C637	0160-7861	1	CAP-FXD 47pF +-5% 50 V CER C0G	02010	06035A470JAT
C638	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C639	0160-7855	1	CAP-FXD 33pF +-5% 50 V CER C0G	02010	06035A330JAT
C640	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C641	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C642	0160-7970	1	CAP-FXD 16pF +-5% 50 V CER C0G	12340	C0603C160J5GAC
C643	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C644	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C645	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C646	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C647	0180-4303	1	CAP-FXD 2200uF +-20% 10 V AL-ELCTLT	06360	SME10VB222M12X20LL
C648	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C649	0180-3755	1	CAP-FXD 33uF +-20% 10 V TA	02010	TAJD336M010
C652	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C653	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C654	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C655	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C656	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C657	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C658	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C659	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C660	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C661	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C662	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C663	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C664	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C665	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C666	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C667	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT

**Indicates factory-selected value*

HP Part Number E4400-60192
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C668	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C669	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C670	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C671	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C672	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C673	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C674	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C675	0180-3750	1	CAP-FXD 0.47uF +-20% 35 V TA	00039	NRS474M35R8
C676	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C677	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C678	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C679	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C680	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C681	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C682	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C683	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C684	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C685	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C686	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C687	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C688	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C689	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C690	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C691	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C692	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C693	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C694	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C695	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C696	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C697	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C698	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C699	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C701	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C702	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C703	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K

**Indicates factory-selected value*

HP Part Number E4400-60192
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C704	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C705	0160-6444	1	CAP-FXD 0.022uF +-10% 50 V CER X7R	10374	GRM40X7R223K50
C706	0160-7850	1	CAP-FXD 27pF +-5% 50 V CER C0G	02010	06035A270JAT
C707	0160-7850	1	CAP-FXD 27pF +-5% 50 V CER C0G	02010	06035A270JAT
C708	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C709	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C710	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C711	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C712	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C713	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C714	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C715	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C716	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C717	0160-6103	1	CAP-FXD 1800pF +-5% 50 V CER C0G	06352	C3216CH1H182J
C718	0160-7984	1	CAP-FXD 300pF +-5% 50 V CER C0G	06352	C1608COG1H301J
C719	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C720	0160-6107	1	CAP-FXD 3900pF +-5% 50 V CER C0G	09939	GRM42-2C0G392J050C
C721	0160-7979	1	CAP-FXD 110pF +-5% 50 V CER C0G	12340	C0603C111J5GAC
C722	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C723	0180-4228	1	CAP-FXD 47uF +-20% 10 V TA	02010	TAJD476M010
C724	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C725	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C726	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C727	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C728	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C729	0160-6103	1	CAP-FXD 1800pF +-5% 50 V CER C0G	06352	C3216CH1H182J
C730	0160-7984	1	CAP-FXD 300pF +-5% 50 V CER C0G	06352	C1608COG1H301J
C731	0160-6107	1	CAP-FXD 3900pF +-5% 50 V CER C0G	09939	GRM42-2C0G392J050C
C732	0160-7838	1	CAP-FXD 120pF +-5% 50 V CER C0G	02010	06035A121JAT
C733	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C734	0160-6107	1	CAP-FXD 3900pF +-5% 50 V CER C0G	09939	GRM42-2C0G392J050C
C735	0160-6107	1	CAP-FXD 3900pF +-5% 50 V CER C0G	09939	GRM42-2C0G392J050C
C800	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C801	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C802	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K

**Indicates factory-selected value*

HP Part Number E4400-60192
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C803	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C804	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C805	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C806	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C807	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C808	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C809	0180-3705	1	CAP-FXD 47uF +-20% 50 V AL-ELCTLT	08709	ECE-A1HU470I
C810	0180-3705	1	CAP-FXD 47uF +-20% 50 V AL-ELCTLT	08709	ECE-A1HU470I
C811	0180-3705	1	CAP-FXD 47uF +-20% 50 V AL-ELCTLT	08709	ECE-A1HU470I
C812	0180-3975	1	CAP-FXD 2.2uF +-20% 20 V TA	02010	TAJB225M020
C813	0160-7736	1	CAP-FXD 1uF +-10% 16 V CER X7R	06352	C3216X7R1C105K
CR101	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR102	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR103	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR104	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR105	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR106	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR107	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR108	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR109	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR110	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR111	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR112	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR113	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR114	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR115	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR116	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR201	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR204	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR205	1902-1291	1	DIODE-ZNR 1N5338B 5.1V 5% PD=5W IR=1UA	36633	1N5338BRL
CR206	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR207	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR208	1902-1291	1	DIODE-ZNR 1N5338B 5.1V 5% PD=5W IR=1UA	36633	1N5338BRL
CR209	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR210	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99

**Indicates factory-selected value*

HP Part Number E4400-60192
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
CR211	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR212	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR213	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR214	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR215	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR216	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR217	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR218	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR219	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR220	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR221	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR222	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR223	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR224	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR225	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR301	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR302	1900-0072	1	DIODE-SCHOTTKY SM SIG	01542	1900-0072
CR303	1902-1592	1	DIODE-ZNR 5.1V 5% TO-236 (SOT-23)	02910	BZX84C5V1
CR304	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR501	1901-0877	1	DIODE-PWR RECT 1N5822 40V 3A	36633	1N5822
CR502	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR503	1900-0078	1	DIODE-SCHOTTKY SM SIG	01542	HSMS-2800
CR504	1901-0877	1	DIODE-PWR RECT 1N5822 40V 3A	36633	1N5822
CR505	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR506	1900-0078	1	DIODE-SCHOTTKY SM SIG	01542	HSMS-2800
CR507	1901-0877	1	DIODE-PWR RECT 1N5822 40V 3A	36633	1N5822
CR508	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR509	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR510	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR601	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR602	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR603	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR604	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR605	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR608	1901-0877	1	DIODE-PWR RECT 1N5822 40V 3A	36633	1N5822

**Indicates factory-selected value*

HP Part Number E4400-60192
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
CR609	1901-0877	1	DIODE-PWR RECT 1N5822 40V 3A	36633	1N5822
CR610	1901-0877	1	DIODE-PWR RECT 1N5822 40V 3A	36633	1N5822
CR701	1900-0072	1	DIODE-SCHOTTKY SM SIG	01542	1900-0072
CR702	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR703	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR704	1906-0320	1	DIODE-DUAL 40V 40MA T0-236AA	06121	BAS 40-04
CR705	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR706	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR707	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR708	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR709	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
DS201	1990-1713	1	LED-LAMP LUM-INT=4MCD IF=20MA-MAX BVR=5V	01542	HSMG-C670
DS202	1990-1713	1	LED-LAMP LUM-INT=4MCD IF=20MA-MAX BVR=5V	01542	HSMG-C670
DS203	1990-1713	1	LED-LAMP LUM-INT=4MCD IF=20MA-MAX BVR=5V	01542	HSMG-C670
DS204	1990-1713	1	LED-LAMP LUM-INT=4MCD IF=20MA-MAX BVR=5V	01542	HSMG-C670
DS205	1990-1713	1	LED-LAMP LUM-INT=4MCD IF=20MA-MAX BVR=5V	01542	HSMG-C670
DS206	1990-1713	1	LED-LAMP LUM-INT=4MCD IF=20MA-MAX BVR=5V	01542	HSMG-C670
DS207	1990-1713	1	LED-LAMP LUM-INT=4MCD IF=20MA-MAX BVR=5V	01542	HSMG-C670
DS208	1990-1713	1	LED-LAMP LUM-INT=4MCD IF=20MA-MAX BVR=5V	01542	HSMG-C670
DS501	1990-0835	1	LED-LAMP LUM-INT=6MCD IF=30MA-MAX BVR=5V	01542	HLMP-1585
DS502	1990-0487	1	LED-LAMP LUM-INT=2.2MCD IF=20MA-MAX	01542	HLMP-1401
DS503	1990-1713	1	LED-LAMP LUM-INT=4MCD IF=20MA-MAX BVR=5V	01542	HSMG-C670
DS504	1990-1713	1	LED-LAMP LUM-INT=4MCD IF=20MA-MAX BVR=5V	01542	HSMG-C670
DS505	1990-1713	1	LED-LAMP LUM-INT=4MCD IF=20MA-MAX BVR=5V	01542	HSMG-C670
DS506	1990-1713	1	LED-LAMP LUM-INT=4MCD IF=20MA-MAX BVR=5V	01542	HSMG-C670
DS507	1990-1713	1	LED-LAMP LUM-INT=4MCD IF=20MA-MAX BVR=5V	01542	HSMG-C670
DS508	1990-1713	1	LED-LAMP LUM-INT=4MCD IF=20MA-MAX BVR=5V	01542	HSMG-C670
DS509	1990-1713	1	LED-LAMP LUM-INT=4MCD IF=20MA-MAX BVR=5V	01542	HSMG-C670
DS510	1990-1713	1	LED-LAMP LUM-INT=4MCD IF=20MA-MAX BVR=5V	01542	HSMG-C670
DS511	1990-1713	1	LED-LAMP LUM-INT=4MCD IF=20MA-MAX BVR=5V	01542	HSMG-C670
DS512	1990-1713	1	LED-LAMP LUM-INT=4MCD IF=20MA-MAX BVR=5V	01542	HSMG-C670
E201	9170-1418	1	CORE-SHIELDING BEAD	06352	HF30ACB-453215
E202	9170-1418	1	CORE-SHIELDING BEAD	06352	HF30ACB-453215
E203	9170-1418	1	CORE-SHIELDING BEAD	06352	HF30ACB-453215
E204	9100-1788	1	CORE-FERRITE CHOKE-WIDEBAND;IMP:>680	11212	LB2/2.5ZB

**Indicates factory-selected value*

HP Part Number E4400-60192
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
E301	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E302	9170-1418	1	CORE-SHIELDING BEAD	06352	HF30ACB-453215
E303	9170-1418	1	CORE-SHIELDING BEAD	06352	HF30ACB-453215
E304	9100-1788	1	CORE-FERRITE CHOKE-WIDEBAND;IMP:>680	11212	LB2/2.5ZB
E601	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E602	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E603	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E604	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E605	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E606	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E607	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E608	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E609	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E610	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E611	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E612	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E613	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E614	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E615	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E616	9170-1418	1	CORE-SHIELDING BEAD	06352	HF30ACB-453215
E617	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E618	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E619	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E624	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E625	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E626	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
FL201	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL501	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL750	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL751	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
J1	1252-6024	1	CONN-RECT MICRORBN 100-CKT 100-CONT	01380	2-557102-5
J2	1252-6024	1	CONN-RECT MICRORBN 100-CKT 100-CONT	01380	2-557102-5
J3	1252-6024	1	CONN-RECT MICRORBN 100-CKT 100-CONT	01380	2-557102-5
J4	1252-6024	1	CONN-RECT MICRORBN 100-CKT 100-CONT	01380	2-557102-5
J5	1252-5906	1	CONN-RECT MICRORBN 100-CKT 100-CONT	01380	2-557101-5

**Indicates factory-selected value*

HP Part Number E4400-60192
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
J6	1252-4643	1	CONN-UTIL MINIFIT, JR 20-CONT-POS	03418	39-29-9207
J7	1252-2161	1	CONN-RECT MICRORBN 24-CKT 24-CONT	01380	554923-2
J8	1252-1487	1	CONN-RECT D-SUBMIN 9-CKT 9-CONT	01380	748875-1
J9	1250-1842	1	CONNECTOR-RF BNC FEMALE PC-W-STDFS	01380	227677-1
J10	1250-1842	1	CONNECTOR-RF BNC FEMALE PC-W-STDFS	01380	227677-1
J11	1250-1842	1	CONNECTOR-RF BNC FEMALE PC-W-STDFS	01380	227677-1
J12	1250-1842	1	CONNECTOR-RF BNC FEMALE PC-W-STDFS	01380	227677-1
J13	1250-1842	1	CONNECTOR-RF BNC FEMALE PC-W-STDFS	01380	227677-1
J14	1251-8106	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	04726	2520-6002UB
J15	1251-7854	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	01380	103168-1
J16	1251-7776	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	03418	22-11-2022
J17	1251-7776	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	03418	22-11-2022
J18	1252-1325	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	04726	N2510-6002UB
J19	1252-0500	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	01380	103361-1
J20	1251-8347	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	04726	2526-5002UB
J21	1252-6670	1	CONN-POST TYPE 1-PIN-SPCG-MTG-END	03418	52089-1510
J23	1252-2226	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	04726	2564-6002 UB
J24	1252-2226	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	04726	2564-6002 UB
J25	1251-4928	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	01380	103240-5
J26	1251-8823	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	04726	2514-6002UB
J28	1258-0177	1	SHUNT-PROGRAMMABLE 8 DBL PIN SETS; .800	04225	8136-475G8
J29	1252-3839	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	13369	69190-602
J501	1252-3332	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	01380	103414-1
L301	9140-1987	1	INDUCTOR 4.7uH +10% -10% 15.2D-mm	01886	PCV-1-472-10
L302	9140-1105	1	INDUCTOR 1uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-1R0J-3
L501	9140-1115	1	INDUCTOR 22uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-220J-3
L502	9140-1175	1	INDUCTOR-FIXED L:1 MH,-0%,+30% @ 0.35 A	01869	PE-50501-004
L503	9140-1127	1	INDUCTOR 680uH +-5% 3.4W-mmX4.8LG-mm	06352	NL453232T-681J
L504	9140-1170	1	INDUCTOR RF-CH-MLD 1.2uH +-20%	03273	18M121M-1
L505	9140-1170	1	INDUCTOR RF-CH-MLD 1.2uH +-20%	03273	18M121M-1
L506	9140-1483	1	INDUCTOR 94.1uH +20% -12%	01869	92102-KM-3
L507	9100-3922	1	INDUCTOR-FIXED Z > 1200 OHMS 120 TO 650	03273	51-088
L508	9100-3922	1	INDUCTOR-FIXED Z > 1200 OHMS 120 TO 650	03273	51-088
L509	9100-3922	1	INDUCTOR-FIXED Z > 1200 OHMS 120 TO 650	03273	51-088
L510	9100-3922	1	INDUCTOR-FIXED Z > 1200 OHMS 120 TO 650	03273	51-088

**Indicates factory-selected value*

HP Part Number E4400-60192
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
L511	9140-1483	1	INDUCTOR 94.1uH +20% -12%	01869	92102-KM-3
L512	9100-3922	1	INDUCTOR-FIXED Z > 1200 OHMS 120 TO 650	03273	51-088
L601	9100-3922	1	INDUCTOR-FIXED Z > 1200 OHMS 120 TO 650	03273	51-088
L602	9100-3922	1	INDUCTOR-FIXED Z > 1200 OHMS 120 TO 650	03273	51-088
L603	9140-1175	1	INDUCTOR-FIXED L:1 MH,-0%,+30% @ 0.35 A	01869	PE-50501-004
L701	9140-1121	1	INDUCTOR 100uH +-5% 3.4W-mmX4.8LG-mm	06352	NL453232-101J-3
MP2	0380-1467	1	STANDOFF-PRESS-IN 4-MM-LG M3.0 X 0.5-THD	03981	KFSE-M3-4
MP3	0460-2568	1	TAPE-INDL .5-IN-W .0022-IN-T POLYI-FLM	04726	42, 0.5IN
MP4	0460-2568	1	TAPE-INDL .5-IN-W .0022-IN-T POLYI-FLM	04726	42, 0.5IN
P5	1250-0257	1	CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM	02788	5162-5021-09
P6	1250-0257	1	CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM	02788	5162-5021-09
P7	1250-0257	1	CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM	02788	5162-5021-09
P102	1250-0257	1	CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM	02788	5162-5021-09
P103	1250-0257	1	CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM	02788	5162-5021-09
P104	1251-4670	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	13369	68000-603
P105	1251-4670	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	13369	68000-603
P106	1251-4670	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	13369	68000-603
Q301	1853-0580	1	TRANSISTOR PNP SI SOT-23 (TO-236AB)	36633	MMBT4403LT1
Q302	1855-0800	1	TRANSISTOR MOSFET N-CHAN E-MODE TO-252AA	12125	SSR3055L
Q304	1853-0580	1	TRANSISTOR PNP SI SOT-23 (TO-236AB)	36633	MMBT4403LT1
Q305	1854-1095	1	TRANSISTOR NPN SI SOT-23 (TO-236AB)	36633	MMBT2369LT1
Q502	1854-1037	1	TRANSISTOR NPN SI TO-236AA PD=350MW	36633	MMBT3904LT1
Q601	1854-1014	1	TRANSISTOR NPN SI TO-236AA PD=350MW	36633	MMBT6429LT1
Q602	1853-0567	1	TRANSISTOR PNP SI SOT-23 (TO-236AB)	36633	MMBT3906LT1
Q603	1853-0567	1	TRANSISTOR PNP SI SOT-23 (TO-236AB)	36633	MMBT3906LT1
Q604	1855-0734	1	TRANSISTOR MOSFET 2N7002 N-CHAN E-MODE	02883	2N7002
Q605	1853-0567	1	TRANSISTOR PNP SI SOT-23 (TO-236AB)	36633	MMBT3906LT1
Q701	1855-0734	1	TRANSISTOR MOSFET 2N7002 N-CHAN E-MODE	02883	2N7002
Q750	1853-0567	1	TRANSISTOR PNP SI SOT-23 (TO-236AB)	36633	MMBT3906LT1
Q751	1854-1037	1	TRANSISTOR NPN SI TO-236AA PD=350MW	36633	MMBT3904LT1
Q752	1855-0734	1	TRANSISTOR MOSFET 2N7002 N-CHAN E-MODE	02883	2N7002
R101	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R102	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R103	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R104	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000

**Indicates factory-selected value*

HP Part Number E4400-60192
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R105	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R106	0699-3963	1	RESISTOR 4.64K +-1% .063W TKF TC=0+-200	09891	RK73H1J4641F
R107	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	09891	RK73H1J1003F
R108	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	09891	RK73H1J1003F
R109	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	09891	RK73H1J1003F
R110	1810-1116	1	NET-RES 15 2.2K OHM 16-PIN	05524	SOMC-1601-222G
R111	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J2152F
R112	0699-3954	1	RESISTOR 1.96K +-1% .063W TKF TC=0+-200	09891	RK73H1J1961F
R113	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R115	0699-4005	1	RESISTOR 316K +-1% .063W TKF TC=0+-200	09891	RK73H1J3163F
R116	0699-1466	1	RESISTOR 10M +-10% .125W TKF TC=0+-200	09891	RM73B2BT106K
R117	0699-1466	1	RESISTOR 10M +-10% .125W TKF TC=0+-200	09891	RM73B2BT106K
R119	0699-1431	1	RESISTOR 464 +-1% .125W TKF TC=0+-100	05524	CRCW12064640F
R201	1810-1128	1	NET-RES 15 4.7K OHM 16-PIN	05524	SOMC16-01-472G
R202	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R203	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R204	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R205	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R206	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R207	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R208	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R209	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R210	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R211	0699-3951	1	RESISTOR 1.47K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1471
R212	0699-1422	1	RESISTOR 196 +-1% .125W TKF TC=0+-100	09891	RK73H2BT1960F
R213	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R214	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R215	0699-1348	1	RESISTOR 14.7 +-1% .125W TKF TC=0+-100	05524	CRCW120614R7F
R216	0699-1344	1	RESISTOR 10 +-1% .125W TKF TC=0+-100	09891	RK73H2BT10R0F
R217	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R218	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R219	0699-3962	1	RESISTOR 4.22K +-1% .063W TKF TC=0+-200	09891	RK73H1J4221F
R220	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R221	0699-3954	1	RESISTOR 1.96K +-1% .063W TKF TC=0+-200	09891	RK73H1J1961F
R222	0699-3954	1	RESISTOR 1.96K +-1% .063W TKF TC=0+-200	09891	RK73H1J1961F

**Indicates factory-selected value*

HP Part Number E4400-60192
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R223	0699-3954	1	RESISTOR 1.96K +-1% .063W TKF TC=0+-200	09891	RK73H1J1961F
R224	0699-3954	1	RESISTOR 1.96K +-1% .063W TKF TC=0+-200	09891	RK73H1J1961F
R225	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R226	0699-3962	1	RESISTOR 4.22K +-1% .063W TKF TC=0+-200	09891	RK73H1J4221F
R227	0699-3962	1	RESISTOR 4.22K +-1% .063W TKF TC=0+-200	09891	RK73H1J4221F
R228	0699-3954	1	RESISTOR 1.96K +-1% .063W TKF TC=0+-200	09891	RK73H1J1961F
R229	0699-3954	1	RESISTOR 1.96K +-1% .063W TKF TC=0+-200	09891	RK73H1J1961F
R230	0699-3962	1	RESISTOR 4.22K +-1% .063W TKF TC=0+-200	09891	RK73H1J4221F
R231	0699-3962	1	RESISTOR 4.22K +-1% .063W TKF TC=0+-200	09891	RK73H1J4221F
R232	0699-3954	1	RESISTOR 1.96K +-1% .063W TKF TC=0+-200	09891	RK73H1J1961F
R301	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R302	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R303	0699-3961	1	RESISTOR 3.83K +-1% .063W TKF TC=0+-200	09891	RK73H1J3831F
R304	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R305	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R306	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R307	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R308	0699-1415	1	RESISTOR 100 +-1% .125W TKF TC=0+-100	05524	CRCW12061000F
R309	0699-1415	1	RESISTOR 100 +-1% .125W TKF TC=0+-100	05524	CRCW12061000F
R310	0699-3928	1	RESISTOR 147 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1470
R311	0699-3955	1	RESISTOR 2.15K +-1% .063W TKF TC=0+-200	09891	RK73H1J2151F
R312	0811-3605	1	RESISTOR .1 +-5% .5W PWI TC=0+600	02499	SP-2-0R15%
R313	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J2152F
R314	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R315	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	09891	RK73H1J1003F
R316	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R319	0699-2831	1	RESISTOR 150 +-0.1% .125W TF TC=0+-25	02499	W1206R031500BT
R320	0699-2490	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	02499	W1206R031001BT
R321	0699-1386	1	RESISTOR 5.62K +-1% .125W TKF TC=0+-100	09891	RK73H2BT5621F
R322	0699-1437	1	RESISTOR 825 +-1% .125W TKF TC=0+-100	00746	MCR18-F-8250
R323	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R324	0699-3959	1	RESISTOR 3.16K +-1% .063W TKF TC=0+-200	00746	MCR03-F-3161
R325	0699-1427	1	RESISTOR 316 +-1% .125W TKF TC=0+-100	09891	RK73H2BT3160F
R326	0699-3951	1	RESISTOR 1.47K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1471
R327	0699-1375	1	RESISTOR 1.96K +-1% .125W TKF TC=0+-100	09891	RK73H2BT1961F

**Indicates factory-selected value*

HP Part Number E4400-60192
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R401	0699-3943	1	RESISTOR 681 +-1% .063W TKF TC=0+-200	00746	MCR03-F-6810
R402	0699-3943	1	RESISTOR 681 +-1% .063W TKF TC=0+-200	00746	MCR03-F-6810
R403	0699-3943	1	RESISTOR 681 +-1% .063W TKF TC=0+-200	00746	MCR03-F-6810
R404	0699-3943	1	RESISTOR 681 +-1% .063W TKF TC=0+-200	00746	MCR03-F-6810
R405	0699-3943	1	RESISTOR 681 +-1% .063W TKF TC=0+-200	00746	MCR03-F-6810
R406	0699-3943	1	RESISTOR 681 +-1% .063W TKF TC=0+-200	00746	MCR03-F-6810
R407	0699-3943	1	RESISTOR 681 +-1% .063W TKF TC=0+-200	00746	MCR03-F-6810
R408	0699-3943	1	RESISTOR 681 +-1% .063W TKF TC=0+-200	00746	MCR03-F-6810
R409	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R410	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R411	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R412	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R413	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R414	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R415	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R416	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R417	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R418	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R419	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R420	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R421	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R422	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R423	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R424	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R425	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R426	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R427	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R428	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R429	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R430	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R431	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R432	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R433	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R434	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R435	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F

**Indicates factory-selected value*

HP Part Number E4400-60192
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R436	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R437	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R438	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R439	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R440	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R441	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R442	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R501	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R502	0699-1401	1	RESISTOR 28.7K +-1% .125W TKF TC=0+-100	09891	RK73H2BT2872F
R503	0699-3949	1	RESISTOR 1.21K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1211
R504	0699-3949	1	RESISTOR 1.21K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1211
R505	0699-1427	1	RESISTOR 316 +-1% .125W TKF TC=0+-100	09891	RK73H2BT3160F
R506	0699-1435	1	RESISTOR 681 +-1% .125W TKF TC=0+-100	09891	RK73H2BT6810F
R507	0699-1435	1	RESISTOR 681 +-1% .125W TKF TC=0+-100	09891	RK73H2BT6810F
R509	0699-3963	1	RESISTOR 4.64K +-1% .063W TKF TC=0+-200	09891	RK73H1J4641F
R510	0699-3949	1	RESISTOR 1.21K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1211
R511	0699-3951	1	RESISTOR 1.47K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1471
R512	0699-3917	1	RESISTOR 46.4 +-1% .063W TKF TC=0+-200	09891	RK73H1J46R4F
R513	0699-1431	1	RESISTOR 464 +-1% .125W TKF TC=0+-100	05524	CRCW12064640F
R514	0699-1431	1	RESISTOR 464 +-1% .125W TKF TC=0+-100	05524	CRCW12064640F
R515	0699-1431	1	RESISTOR 464 +-1% .125W TKF TC=0+-100	05524	CRCW12064640F
R516	0699-1431	1	RESISTOR 464 +-1% .125W TKF TC=0+-100	05524	CRCW12064640F
R517	0699-3961	1	RESISTOR 3.83K +-1% .063W TKF TC=0+-200	09891	RK73H1J3831F
R518	0699-3949	1	RESISTOR 1.21K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1211
R519	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R520	0699-3917	1	RESISTOR 46.4 +-1% .063W TKF TC=0+-200	09891	RK73H1J46R4F
R521	0699-1427	1	RESISTOR 316 +-1% .125W TKF TC=0+-100	09891	RK73H2BT3160F
R522	0699-1427	1	RESISTOR 316 +-1% .125W TKF TC=0+-100	09891	RK73H2BT3160F
R523	0699-1427	1	RESISTOR 316 +-1% .125W TKF TC=0+-100	09891	RK73H2BT3160F
R524	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R525	0699-3992	1	RESISTOR 90.9K +-1% .063W TKF TC=0+-200	09891	RK73H1J9092F
R526	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R527	0699-1344	1	RESISTOR 10 +-1% .125W TKF TC=0+-100	09891	RK73H2BT10R0F
R528	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R529	0812-0045	1	RESISTOR .15 +-5% 3W PWI TC=0+-90	05524	CW-2B R15 5%

**Indicates factory-selected value*

HP Part Number E4400-60192
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R530	0699-3934	1	RESISTOR 261 +-1% .063W TKF TC=0+-200	09891	RK73H1J2610F
R531	0699-1372	1	RESISTOR 1.47K +-1% .125W TKF TC=0+-100	00746	MCR18-F-1471
R532	0699-3969	1	RESISTOR 9.09K +-1% .063W TKF TC=0+-200	09891	RK73H1J9091F
R533	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R534	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R535	0699-3968	1	RESISTOR 8.25K +-1% .063W TKF TC=0+-200	09891	RK73H1J8251F
R536	0699-3961	1	RESISTOR 3.83K +-1% .063W TKF TC=0+-200	09891	RK73H1J3831F
R537	0699-3979	1	RESISTOR 23.7K +-1% .063W TKF TC=0+-200	09891	RK73H1J2372F
R538	0699-3367	1	RESISTOR 5.62K +-1% .0625W TKF TC=0+-200	06337	232270465622
R539	0699-3367	1	RESISTOR 5.62K +-1% .0625W TKF TC=0+-200	06337	232270465622
R540	0699-3982	1	RESISTOR 31.6K +-1% .063W TKF TC=0+-200	09891	RK73H1J3162F
R541	0699-3368	1	RESISTOR 56.2K +-1% .063W TKF TC=0+-200	05524	CRCW06035622F
R542	0699-3367	1	RESISTOR 5.62K +-1% .0625W TKF TC=0+-200	06337	232270465622
R543	0699-3976	1	RESISTOR 17.8K +-1% .063W TKF TC=0+-200	09891	RK73H1J1782F
R544	0699-3367	1	RESISTOR 5.62K +-1% .0625W TKF TC=0+-200	06337	232270465622
R545	0699-3366	1	RESISTOR 562 +-1% .065W TKF TC=0+-200	09891	RK73H1J5620F
R546	0699-1430	1	RESISTOR 422 +-1% .125W TKF TC=0+-100	05524	CRCW12064220F
R547	0699-3367	1	RESISTOR 5.62K +-1% .0625W TKF TC=0+-200	06337	232270465622
R548	0699-3367	1	RESISTOR 5.62K +-1% .0625W TKF TC=0+-200	06337	232270465622
R549	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R550	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R551	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R552	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R553	0699-1318	1	RESISTOR 1K +-1% .125W TKF TC=0+-100	00746	MCR18-F-1001
R554	0699-3366	1	RESISTOR 562 +-1% .065W TKF TC=0+-200	09891	RK73H1J5620F
R555	0699-1433	1	RESISTOR 562 +-1% .125W TKF TC=0+-100	05524	CRCW12065620F
R556	0699-3366	1	RESISTOR 562 +-1% .065W TKF TC=0+-200	09891	RK73H1J5620F
R557	0699-1430	1	RESISTOR 422 +-1% .125W TKF TC=0+-100	05524	CRCW12064220F
R558	0699-3366	1	RESISTOR 562 +-1% .065W TKF TC=0+-200	09891	RK73H1J5620F
R559	0699-1372	1	RESISTOR 1.47K +-1% .125W TKF TC=0+-100	00746	MCR18-F-1471
R560	0699-3366	1	RESISTOR 562 +-1% .065W TKF TC=0+-200	09891	RK73H1J5620F
R561	0699-1372	1	RESISTOR 1.47K +-1% .125W TKF TC=0+-100	00746	MCR18-F-1471
R562	0699-3366	1	RESISTOR 562 +-1% .065W TKF TC=0+-200	09891	RK73H1J5620F
R563	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R564	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J2152F

**Indicates factory-selected value*

HP Part Number E4400-60192
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R565	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R566	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R567	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R568	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R569	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R570	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R580	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R601	0699-3962	1	RESISTOR 4.22K +-1% .063W TKF TC=0+-200	09891	RK73H1J4221F
R602	0699-3962	1	RESISTOR 4.22K +-1% .063W TKF TC=0+-200	09891	RK73H1J4221F
R603	0699-3954	1	RESISTOR 1.96K +-1% .063W TKF TC=0+-200	09891	RK73H1J1961F
R604	0699-3959	1	RESISTOR 3.16K +-1% .063W TKF TC=0+-200	00746	MCR03-F-3161
R605	0699-3957	1	RESISTOR 2.61K +-1% .063W TKF TC=0+-200	09891	RK73H1J2611F
R606	0699-3954	1	RESISTOR 1.96K +-1% .063W TKF TC=0+-200	09891	RK73H1J1961F
R607	0699-2776	1	RESISTOR 1 +-10% .125W TKF TC=0+-500	00746	MCR18-K-010
R608	0699-3945	1	RESISTOR 825 +-1% .063W TKF TC=0+-200	00746	MCR03-F-8250
R609	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R610	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R611	0699-4005	1	RESISTOR 316K +-1% .063W TKF TC=0+-200	09891	RK73H1J3163F
R612	0699-3954	1	RESISTOR 1.96K +-1% .063W TKF TC=0+-200	09891	RK73H1J1961F
R613	0699-3954	1	RESISTOR 1.96K +-1% .063W TKF TC=0+-200	09891	RK73H1J1961F
R614	0699-3951	1	RESISTOR 1.47K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1471
R615	0699-3951	1	RESISTOR 1.47K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1471
R616	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R617	0699-1415	1	RESISTOR 100 +-1% .125W TKF TC=0+-100	05524	CRCW12061000F
R618	0699-1415	1	RESISTOR 100 +-1% .125W TKF TC=0+-100	05524	CRCW12061000F
R619	0699-2489	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	02499	W1206R031002BT
R620	0699-1415	1	RESISTOR 100 +-1% .125W TKF TC=0+-100	05524	CRCW12061000F
R621	0699-2489	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	02499	W1206R031002BT
R622	0699-3917	1	RESISTOR 46.4 +-1% .063W TKF TC=0+-200	09891	RK73H1J46R4F
R623	0699-3949	1	RESISTOR 1.21K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1211
R624	0699-3975	1	RESISTOR 16.2K +-1% .063W TKF TC=0+-200	09891	RK73H1J1622F
R627	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J2152F
R628	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J2152F
R629	0699-3962	1	RESISTOR 4.22K +-1% .063W TKF TC=0+-200	09891	RK73H1J4221F
R630	0699-3962	1	RESISTOR 4.22K +-1% .063W TKF TC=0+-200	09891	RK73H1J4221F

**Indicates factory-selected value*

HP Part Number E4400-60192
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R631	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R632	0699-3963	1	RESISTOR 4.64K +-1% .063W TKF TC=0+-200	09891	RK73H1J4641F
R633	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J2152F
R634	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R635	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R636	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R637	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R638	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R639	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R640	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R641	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R642	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R643	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R644	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R645	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R646	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R647	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R648	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R649	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R650	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R651	0699-3995	1	RESISTOR 121K +-1% .063W TKF TC=0+-200	09891	RK73H1J1213F
R652	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R653	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R654	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R655	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R656	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R657	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R658	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R659	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R660	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R661	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R662	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R701	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R702	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	09891	RK73H1J1003F
R703	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	09891	RK73H1J1003F

**Indicates factory-selected value*

HP Part Number E4400-60192
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R704	0699-3963	1	RESISTOR 4.64K +-1% .063W TKF TC=0+-200	09891	RK73H1J4641F
R705	0699-1384	1	RESISTOR 4.64K +-1% .125W TKF TC=0+-100	09891	RK73H2BT4641F
R706	0699-1384	1	RESISTOR 4.64K +-1% .125W TKF TC=0+-100	09891	RK73H2BT4641F
R707	0699-1384	1	RESISTOR 4.64K +-1% .125W TKF TC=0+-100	09891	RK73H2BT4641F
R708	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J2152F
R709	0699-3979	1	RESISTOR 23.7K +-1% .063W TKF TC=0+-200	09891	RK73H1J2372F
R710	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R711	0699-3979	1	RESISTOR 23.7K +-1% .063W TKF TC=0+-200	09891	RK73H1J2372F
R712	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R713	0699-3971	1	RESISTOR 11K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1102
R714	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R715	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R716	0699-3574	1	RESISTOR 0 .0625W TKF	09891	RM73Z1JT
R717	0699-3974	1	RESISTOR 14.7K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1472
R718	0699-3982	1	RESISTOR 31.6K +-1% .063W TKF TC=0+-200	09891	RK73H1J3162F
R719	0699-1392	1	RESISTOR 11K +-1% .125W TKF TC=0+-100	05524	CRCW12061102F
R720	0699-3968	1	RESISTOR 8.25K +-1% .063W TKF TC=0+-200	09891	RK73H1J8251F
R721	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R722	0699-3974	1	RESISTOR 14.7K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1472
R723	0699-4009	1	RESISTOR 464K +-1% .063W TKF TC=0+-200	09891	RK73H1J4643F
R724	0699-2824	1	RESISTOR 7.5K +-0.1% .125W TF TC=0+-25	01172	BLU-1206 7K5 .1% 25PPM
R725	0699-2840	1	RESISTOR 2.5K +-0.1% .125W TF TC=0+-25	02499	W1206R032501BT
R726	0699-3968	1	RESISTOR 8.25K +-1% .063W TKF TC=0+-200	09891	RK73H1J8251F
R727	0699-3972	1	RESISTOR 12.1K +-1% .063W TKF TC=0+-200	09891	RK73H1J1212F
R728	0699-3963	1	RESISTOR 4.64K +-1% .063W TKF TC=0+-200	09891	RK73H1J4641F
R729	0699-3963	1	RESISTOR 4.64K +-1% .063W TKF TC=0+-200	09891	RK73H1J4641F
R730	0699-3966	1	RESISTOR 6.81K +-1% .063W TKF TC=0+-200	09891	RK73H1J6811F
R731	0699-3961	1	RESISTOR 3.83K +-1% .063W TKF TC=0+-200	09891	RK73H1J3831F
R732	0699-3961	1	RESISTOR 3.83K +-1% .063W TKF TC=0+-200	09891	RK73H1J3831F
R733	0699-3967	1	RESISTOR 7.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J7501F
R734	0699-3366	1	RESISTOR 562 +-1% .065W TKF TC=0+-200	09891	RK73H1J5620F
R750	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R751	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R752	0699-1380	1	RESISTOR 3.16K +-1% .125W TKF TC=0+-100	05524	CRCW12063161F
R753	0699-1380	1	RESISTOR 3.16K +-1% .125W TKF TC=0+-100	05524	CRCW12063161F

**Indicates factory-selected value*

HP Part Number E4400-60192
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R754	0699-1380	1	RESISTOR 3.16K +-1% .125W TKF TC=0+-100	05524	CRCW12063161F
R755	0699-1380	1	RESISTOR 3.16K +-1% .125W TKF TC=0+-100	05524	CRCW12063161F
R756	0699-1380	1	RESISTOR 3.16K +-1% .125W TKF TC=0+-100	05524	CRCW12063161F
R757	0699-1380	1	RESISTOR 3.16K +-1% .125W TKF TC=0+-100	05524	CRCW12063161F
R758	0699-1318	1	RESISTOR 1K +-1% .125W TKF TC=0+-100	00746	MCR18-F-1001
R765	0699-3574	1	RESISTOR 0 .0625W TKF	09891	RM73Z1JT
R766	0699-1503	1	RESISTOR 0 CWM	05524	CRCW1206000
R767	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R768	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R769	0699-1415	1	RESISTOR 100 +-1% .125W TKF TC=0+-100	05524	CRCW12061000F
R770	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R771	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R772	0699-1415	1	RESISTOR 100 +-1% .125W TKF TC=0+-100	05524	CRCW12061000F
R773	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R774	0699-1415	1	RESISTOR 100 +-1% .125W TKF TC=0+-100	05524	CRCW12061000F
R775	0699-3973	1	RESISTOR 13.3K +-1% .063W TKF TC=0+-200	09891	RK73H1J1332F
R776	0699-3972	1	RESISTOR 12.1K +-1% .063W TKF TC=0+-200	09891	RK73H1J1212F
R777	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R778	0699-3963	1	RESISTOR 4.64K +-1% .063W TKF TC=0+-200	09891	RK73H1J4641F
R779	0699-2836	1	RESISTOR 15K +-0.1% .125W TF TC=0+-25	02499	W1206R031502BT
R780	0698-3338	1	RESISTOR 1.5K +-5% 2W MO TC=0+-200	02499	GS-31501
R781	0698-3338	1	RESISTOR 1.5K +-5% 2W MO TC=0+-200	02499	GS-31501
R782	0699-1503	1	RESISTOR 0 CWM	05524	CRCW1206000
RT101	3101-3267	1	THERMISTOR	02145	SMD030
RT201	3101-3267	1	THERMISTOR	02145	SMD030
RT202	3101-3267	1	THERMISTOR	02145	SMD030
RT301	0837-0359	1	THERMISTOR DISC 33-OHM TC=+15%/C-DEG	09939	PTH8L07BD330N3B550
S201	3101-2243	1	SWITCH-DIP RKR 8-1A 0.05A 30VDC	04990	76YY22318ST
TP301	1251-0600	1	CONNECTOR-SGL CONT PIN 1.14-MM-BSC-SZ SQ	03418	16-06-0034
TP302	1251-0600	1	CONNECTOR-SGL CONT PIN 1.14-MM-BSC-SZ SQ	03418	16-06-0034
TP303	1251-0600	1	CONNECTOR-SGL CONT PIN 1.14-MM-BSC-SZ SQ	03418	16-06-0034
TP501	1251-0600	1	CONNECTOR-SGL CONT PIN 1.14-MM-BSC-SZ SQ	03418	16-06-0034
TP502	1251-0600	1	CONNECTOR-SGL CONT PIN 1.14-MM-BSC-SZ SQ	03418	16-06-0034
TP503	1251-0600	1	CONNECTOR-SGL CONT PIN 1.14-MM-BSC-SZ SQ	03418	16-06-0034
TP504	1251-0600	1	CONNECTOR-SGL CONT PIN 1.14-MM-BSC-SZ SQ	03418	16-06-0034

**Indicates factory-selected value*

HP Part Number E4400-60192
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
TP505	1251-0600	1	CONNECTOR-SGL CONT PIN 1.14-MM-BSC-SZ SQ	03418	16-06-0034
TP601	1251-0600	1	CONNECTOR-SGL CONT PIN 1.14-MM-BSC-SZ SQ	03418	16-06-0034
TP602	1251-0600	1	CONNECTOR-SGL CONT PIN 1.14-MM-BSC-SZ SQ	03418	16-06-0034
TP701	1251-0600	1	CONNECTOR-SGL CONT PIN 1.14-MM-BSC-SZ SQ	03418	16-06-0034
TP703	1251-0600	1	CONNECTOR-SGL CONT PIN 1.14-MM-BSC-SZ SQ	03418	16-06-0034
TP705	1251-0600	1	CONNECTOR-SGL CONT PIN 1.14-MM-BSC-SZ SQ	03418	16-06-0034
TP707	1251-0600	1	CONNECTOR-SGL CONT PIN 1.14-MM-BSC-SZ SQ	03418	16-06-0034
U101	1821-0787	1	IC-INTERFACE XCVR CMOS RS-232C	10858	LT1137ACS
U102	1820-4250	1	IC INV TTL/ALS HEX	01698	SN74ALS05AD
U103	1821-0078	1	IC-32-BIT CPU W/2K RAM,TPU,QSM	02037	MC68332ACFC16
U104	1820-7733	1	IC DRVR CMOS/ACT LINE 16-BIT	01698	74ACT16244DL
U105	1820-7733	1	IC DRVR CMOS/ACT LINE 16-BIT	01698	74ACT16244DL
U106	1818-5946	1	IC 256K-BIT EEPROM 200-NS CMOS	10572	X28C256J-20
U107	1818-5946	1	IC 256K-BIT EEPROM 200-NS CMOS	10572	X28C256J-20
U108	1818-7661	1	IC 32M-BIT FLASH 70-NS CMOS ·	28480	1818-7661
U112	1818-5965	1	IC 4M-BIT SRAM 70-NS CMOS	06347	HM628512BLFP-7SL
U113	1818-5965	1	IC 4M-BIT SRAM 70-NS CMOS	06347	HM628512BLFP-7SL
U114	1820-7245	1	IC DCDR-DEMUXR CMOS/AC BIN 4-TO-1-LINE	02237	74AC139SCX.
U116	1820-4998	1	IC GATE TTL/F OR QUAD 2-INP	02910	74F32D
U117	1820-4377	1	IC GATE TTL/F NAND QUAD 2-INP	02910	74F00D
U118	1820-5870	1	IC INV TTL/F HEX	01698	SN74F04D
U119	E4400-80069	1	PLD U119	28480	E4400-80069
U120	1820-8503	1	IC TRANSCEIVER CMOS/ACT BUS DUAL 8-BIT	01698	74ACT16245DL
U121	E4400-80098	1	EPROM U121	28480	E4400-80098
U122	1820-7281	1	IC TRANSCEIVER CMOS/ACL BUS OCTL	01698	74ACT11245DW
U123	1820-7245	1	IC DCDR-DEMUXR CMOS/AC BIN 4-TO-1-LINE	02237	74AC139SCX.
U125	1820-4364	1	IC GATE TTL/F AND QUAD 2-INP	02910	74F08D
U201	1820-5934	1	IC DCDR-DEMUXR CMOS/AC BIN 8-TO-1-LINE	36633	MC74AC138DR2
U202	1820-7733	1	IC DRVR CMOS/ACT LINE 16-BIT	01698	74ACT16244DL
U203	1820-8486	1	IC FF CMOS/ACT D-TYPE POS-EDGE-TRIG COM	36633	MC74ACT273DWR2
U204	1820-5937	1	IC FF CMOS/AC D-TYPE POS-EDGE-TRIG	02237	74AC74SC.
U205	1820-5950	1	IC INV CMOS/AC HEX 14-SOIC	02237	74AC04SCX
U206	1820-7604	1	IC-INTERFACE XCVR BIPOLAR BUS	01698	SN75ALS164DW
U207	1821-1721	1	IC-HPIB CONTROLLER	01698	MP9914FNL
U208	1820-6176	1	IC-INTERFACE XCVR BIPOLAR BUS OCTL	01698	SN75ALS160DW

**Indicates factory-selected value*

HP Part Number E4400-60192
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
U209	1820-5945	1	IC GATE CMOS/AC NAND QUAD 2-INP	36633	MC74AC00D
U210	E4400-80032	1	U210 PRGMD IC	28480	E4400-80032
U211	1820-6391	1	IC GATE CMOS/AC EXCL-OR QUAD 2-INP	02237	74AC86SCX.
U212	1820-7733	1	IC DRVR CMOS/ACT LINE 16-BIT	01698	74ACT16244DL
U213	1820-7281	1	IC TRANSCEIVER CMOS/ACL BUS OCTL	01698	74ACT11245DW
U214	1820-6311	1	IC FF TTL/F D-TYPE POS-EDGE-TRIG COM	02910	74F574D
U215	1820-6311	1	IC FF TTL/F D-TYPE POS-EDGE-TRIG COM	02910	74F574D
U216	1820-8941	1	IC MUXR/DATA-SEL CMOS/ACT 4-TO-1-LINE	02237	74ACT253SCX.
U301	1826-1897	1	IC PWR MGT-VS-SUPVR/CONT	01698	TL7705ACD
U302	1820-7244	1	IC SCHMITT-TRIG CMOS/AC INV HEX	02237	74AC14SCX.
U303	1826-1912	1	IC OP AMP H-SLEW-RATE DUAL 8 PIN	36633	MC34072DR2
U305	1820-7218	1	IC CNTR CMOS/AC BIN SYNCHRO	02237	74AC163SCX.
U401	1820-8486	1	IC FF CMOS/ACT D-TYPE POS-EDGE-TRIG COM	36633	MC74ACT273DWR2
U402	1820-5934	1	IC DCDR-DEMUXR CMOS/AC BIN 8-TO-1-LINE	36633	MC74AC138DR2
U403	1820-7332	1	IC DRVR TTL/F INV HEX	02910	N74F07D
U404	1820-7332	1	IC DRVR TTL/F INV HEX	02910	N74F07D
U405	1820-5800	1	IC GATE TTL/F NAND 8-INP	01698	SN74F30D
U406	1820-5945	1	IC GATE CMOS/AC NAND QUAD 2-INP	36633	MC74AC00D
U407	1820-6620	1	IC DRVR CMOS/ACL BUS OCTL	01698	74ACT11244DW
U408	1820-5934	1	IC DCDR-DEMUXR CMOS/AC BIN 8-TO-1-LINE	36633	MC74AC138DR2
U409	1820-5934	1	IC DCDR-DEMUXR CMOS/AC BIN 8-TO-1-LINE	36633	MC74AC138DR2
U410	1820-7733	1	IC DRVR CMOS/ACT LINE 16-BIT	01698	74ACT16244DL
U411	1820-7249	1	IC MUXR/DATA-SEL CMOS/AC 8-TO-1-LINE	02237	74AC251SCX.
U501	1826-2693	1	IC PWR MGT-V-REG-SWG 5 PINS PLSTC-D2PAK	10858	LT1170CQ
U502	1826-2693	1	IC PWR MGT-V-REG-SWG 5 PINS PLSTC-D2PAK	10858	LT1170CQ
U503	1826-2693	1	IC PWR MGT-V-REG-SWG 5 PINS PLSTC-D2PAK	10858	LT1170CQ
U504	1826-2146	1	IC OP AMP PRCN SINGLE 8 PIN PLSTC-SOIC	03285	OP-77GS
U505	1826-1687	1	IC PWR MGT-V-REF-FXD 9.95/10.05V 8 PINS	10858	LT1021DCS8-10
U506	1826-1872	1	IC PWR MGT-V-REG-ADJ-POS 4.975/5.025V 8	03406	LP2951ACM
U507	1826-3233	1	IC PWR MGT-V-REG-ADJ-NEG 8 PINS P-SOIC	10858	LT1175CS8
U508	1826-1528	1	IC COMPARATOR LP QUAD 14 PIN PLSTC-SOIC	03406	LM339M
U509	1820-5934	1	IC DCDR-DEMUXR CMOS/AC BIN 8-TO-1-LINE	36633	MC74AC138DR2
U510	1820-8486	1	IC FF CMOS/ACT D-TYPE POS-EDGE-TRIG COM	36633	MC74ACT273DWR2
U511	1820-8486	1	IC FF CMOS/ACT D-TYPE POS-EDGE-TRIG COM	36633	MC74ACT273DWR2
U512	1820-6620	1	IC DRVR CMOS/ACL BUS OCTL	01698	74ACT11244DW

**Indicates factory-selected value*

HP Part Number E4400-60192
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
U513	1826-2147	1	ANALOG MULTIPLEXER 8 CHNL 16 -P-SOIC	02883	DG408DY
U601	1820-5870	1	IC INV TTL/F HEX	01698	SN74F04D
U602	1820-5040	1	IC FF TTL/F D-TYPE POS-EDGE-TRIG	02910	74F74D
U603	E4400-80070	1	PLD U603	28480	E4400-80070
U604	1826-1619	1	D/A 8-BIT 20-PLCC CMOS	03285	AD7528JP
U605	1826-1622	1	IC OP AMP LOW-BIAS-H-IMPD QUAD 14 PIN	01698	TL074CD
U606	1813-0794	1	CLK-OSC-XTAL STD 14.31818-MHZ 0.01%	07919	1813-0794
U607	1821-0789	1	IC-FLAT PANEL VGA CONTROLLER	12410	F65510-A
U608	1820-4256	1	IC MV TTL/LS MONOSTBL RETRIG DUAL	01698	SN74LS123D
U609	1820-5937	1	IC FF CMOS/AC D-TYPE POS-EDGE-TRIG	02237	74AC74SC.
U610	1818-5155	1	DRAM 256KX16 80 NS SOJ FST-PG-M 5V	12334	MT4C16257DJ-8
U611	1826-3421	1	D/A 12-BIT 20-PLSTC-SSOP BPLR	03285	AD7948ARS-B
U612	1826-2981	1	IC OP AMP PRCN DUAL 8 PIN PLSTC-SOIC	10858	LT1124CS8
U613	1826-2145	1	ANALOG SWITCH 4 SPST 16 -P-SOIC	02883	DG413DY
U614	1826-2693	1	IC PWR MGT-V-REG-SWG 5 PINS PLSTC-D2PAK	10858	LT1170CQ
U615	1820-5934	1	IC DCDR-DEMUXR CMOS/AC BIN 8-TO-1-LINE	36633	MC74AC138DR2
U616	1820-7733	1	IC DRVR CMOS/ACT LINE 16-BIT	01698	74ACT16244DL
U617	1820-5800	1	IC GATE TTL/F NAND 8-INP	01698	SN74F30D
U618	1820-8486	1	IC FF CMOS/ACT D-TYPE POS-EDGE-TRIG COM	36633	MC74ACT273DWR2
U619	1820-5040	1	IC FF TTL/F D-TYPE POS-EDGE-TRIG	02910	74F74D
U620	1820-5936	1	IC GATE CMOS/AC OR QUAD 2-INP	36633	MC74AC32DR2
U621	1820-7246	1	IC CNTR CMOS/AC BIN SYNC/ASYNC	02237	74AC161SCX.
U622	1820-7246	1	IC CNTR CMOS/AC BIN SYNC/ASYNC	02237	74AC161SCX.
U701	1820-5945	1	IC GATE CMOS/AC NAND QUAD 2-INP	36633	MC74AC00D
U702	1820-5936	1	IC GATE CMOS/AC OR QUAD 2-INP	36633	MC74AC32DR2
U703	1820-8435	1	IC TRANSCEIVER TTL/F BUS OCTL	02910	74F652AD
U704	1820-8486	1	IC FF CMOS/ACT D-TYPE POS-EDGE-TRIG COM	36633	MC74ACT273DWR2
U705	1820-5937	1	IC FF CMOS/AC D-TYPE POS-EDGE-TRIG	02237	74AC74SC.
U706	1820-7244	1	IC SCHMITT-TRIG CMOS/AC INV HEX	02237	74AC14SCX.
U707	1821-1154	1	IC-ON-CHIP PROGRAM AND DATA MEMORY	03285	ADSP-2101-KP66
U708	1820-5934	1	IC DCDR-DEMUXR CMOS/AC BIN 8-TO-1-LINE	36633	MC74AC138DR2
U709	1820-5936	1	IC GATE CMOS/AC OR QUAD 2-INP	36633	MC74AC32DR2
U710	1820-8486	1	IC FF CMOS/ACT D-TYPE POS-EDGE-TRIG COM	36633	MC74ACT273DWR2
U711	1818-4779	1	IC 1M-BIT SRAM 100-NS CMOS	08779	M5M51008BFP-10L
U712	1818-4218	1	IC 256K-BIT SRAM 100-NS CMOS	08779	M5M5256DFP-70LL

**Indicates factory-selected value*

HP Part Number E4400-60192
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
U713	1826-3000	1	IC AUDIO AMPL LOW-NOISE DUAL 8 PIN	03285	OP275GS
U714	1826-3000	1	IC AUDIO AMPL LOW-NOISE DUAL 8 PIN	03285	OP275GS
U715	1826-1925	1	IC OP AMP LOW-NOISE SINGLE 8 PIN	03285	OP-27GS
U716	1820-5937	1	IC FF CMOS/AC D-TYPE POS-EDGE-TRIG	02237	74AC74SC.
U717	1826-3245	1	A/D 12-BIT 24-P-SOIC CMOS	03285	AD7853AR
U718	1826-2722	1	D/A 12-BIT 16-P-SOIC CMOS	03285	AD11/2004-0
U719	1826-3000	1	IC AUDIO AMPL LOW-NOISE DUAL 8 PIN	03285	OP275GS
U720	1826-1872	1	IC PWR MGT-V-REG-ADJ-POS 4.975/5.025V 8	03406	LP2951ACM
XU106	1200-1557	1	SOCKET-IC-CHP-CARR 32-CONT PLCC GULL-WG	01380	822274-1
XU107	1200-1557	1	SOCKET-IC-CHP-CARR 32-CONT PLCC GULL-WG	01380	822274-1
Y101	0410-2153	1	CRYSTAL-QUARTZ 32.768 KHZ	09235	FSM-327
Y701	0410-2582	1	CRYSTAL-QUARTZ 16.0 MHZ	12768	MA-506 16.000M-B

**Indicates factory-selected value*

Component-Level Information Packet for E4423-60035

CPU/Motherboard



HP Part No. E4423-90008
Printed in USA September 1999

Notice. The information contained in this document is subject to change without notice.

Hewlett-Packard makes no warranty of any kind with regard to this material, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Hewlett-Packard shall not be liable for errors contained herein or for incidental or consequential damages in connection with the furnishing, performance, or use of this material.

©Copyright Hewlett-Packard Company 1999
All Rights Reserved. Reproduction, adaptation, or translation without prior written permission is prohibited, except as allowed under the copyright laws.

HP Part Number E4423-60035
CPU/Motherboard

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
BT301	1420-0338	1	BATTERY 3V 1.2A-HR LITHIUM POLYCARBON	08709	BR2/3AE2P
C101	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C102	0180-3749	1	CAP-FXD 0.22uF +-20% 35 V TA	00039	NRA224M35R8
C103	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C104	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C105	0180-3749	1	CAP-FXD 0.22uF +-20% 35 V TA	00039	NRA224M35R8
C106	0160-7859	1	CAP-FXD 3900pF +-10% 50 V CER X7R	02010	06035C392KAT
C107	0160-7859	1	CAP-FXD 3900pF +-10% 50 V CER X7R	02010	06035C392KAT
C108	0160-7859	1	CAP-FXD 3900pF +-10% 50 V CER X7R	02010	06035C392KAT
C109	0160-7859	1	CAP-FXD 3900pF +-10% 50 V CER X7R	02010	06035C392KAT
C110	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C111	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C112	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C113	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C114	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C115	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C116	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C117	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C118	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C119	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C120	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C121	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C122	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C126	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C127	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C130	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C131	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C132	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C133	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C135	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C136	0160-7792	1	CAP-FXD 18pF +-5% 50 V CER C0G	13853	0603G180J500ST
C137	0160-7850	1	CAP-FXD 27pF +-5% 50 V CER C0G	02010	06035A270JAT
C138	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C139	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C140	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K

**Indicates factory-selected value*

HP Part Number E4423-60035
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C141	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C142	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C143	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C144	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C145	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C146	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C147	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C148	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C149	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C201	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C202	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C203	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C204	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C205	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C206	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C207	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C208	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C209	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C210	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C211	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C212	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C213	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C214	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C215	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C216	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C217	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C218	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C219	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C220	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C221	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C222	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C223	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C224	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C225	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C226	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K

**Indicates factory-selected value*

HP Part Number E4423-60035
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C227	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C228	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C229	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C230	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C231	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C232	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C233	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C250	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C301	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C302	0180-3755	1	CAP-FXD 33uF +-20% 10 V TA	02010	TAJD336M010
C303	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C304	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C305	0180-4228	1	CAP-FXD 47uF +-20% 10 V TA	02010	TAJD476M010
C306	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C307	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C308	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C309	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C310	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C311	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C312	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C313	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C314	0180-4228	1	CAP-FXD 47uF +-20% 10 V TA	02010	TAJD476M010
C315	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C316	0180-4069	1	CAP-FXD 1000uF +-20% 25 V AL-ELCTLT	06360	SME25VB102M12X20LL
C317	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C318	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C319	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C320	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C321	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C322	0160-7748	1	CAP-FXD 1000pF +-10% 50 V CER X7R	12340	C0603C102K5RAC
C323	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C324	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C325	0160-5954	1	CAP-FXD 220pF +-5% 50 V CER C0G	02010	08055A221JAT A
C326	0160-5954	1	CAP-FXD 220pF +-5% 50 V CER C0G	02010	08055A221JAT A
C401	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K

**Indicates factory-selected value*

HP Part Number E4423-60035
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C402	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C403	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C404	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C405	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C406	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C407	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C408	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C409	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C410	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C411	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C412	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C413	0160-5949	1	CAP-FXD 680pF +-5% 50 V CER C0G	06352	C2012COG1H681J
C414	0160-5949	1	CAP-FXD 680pF +-5% 50 V CER C0G	06352	C2012COG1H681J
C415	0160-5949	1	CAP-FXD 680pF +-5% 50 V CER C0G	06352	C2012COG1H681J
C416	0160-5949	1	CAP-FXD 680pF +-5% 50 V CER C0G	06352	C2012COG1H681J
C417	0160-5949	1	CAP-FXD 680pF +-5% 50 V CER C0G	06352	C2012COG1H681J
C418	0160-5949	1	CAP-FXD 680pF +-5% 50 V CER C0G	06352	C2012COG1H681J
C419	0160-5949	1	CAP-FXD 680pF +-5% 50 V CER C0G	06352	C2012COG1H681J
C420	0160-5949	1	CAP-FXD 680pF +-5% 50 V CER C0G	06352	C2012COG1H681J
C421	0160-5949	1	CAP-FXD 680pF +-5% 50 V CER C0G	06352	C2012COG1H681J
C422	0160-5949	1	CAP-FXD 680pF +-5% 50 V CER C0G	06352	C2012COG1H681J
C423	0160-5949	1	CAP-FXD 680pF +-5% 50 V CER C0G	06352	C2012COG1H681J
C424	0160-5949	1	CAP-FXD 680pF +-5% 50 V CER C0G	06352	C2012COG1H681J
C425	0160-5949	1	CAP-FXD 680pF +-5% 50 V CER C0G	06352	C2012COG1H681J
C426	0160-5949	1	CAP-FXD 680pF +-5% 50 V CER C0G	06352	C2012COG1H681J
C427	0160-5949	1	CAP-FXD 680pF +-5% 50 V CER C0G	06352	C2012COG1H681J
C428	0160-5949	1	CAP-FXD 680pF +-5% 50 V CER C0G	06352	C2012COG1H681J
C501	0180-3643	1	CAP-FXD 470uF +-20% 25 V AL-ELCTLT	06360	SME25VB471M10X16LL
C502	0180-3643	1	CAP-FXD 470uF +-20% 25 V AL-ELCTLT	06360	SME25VB471M10X16LL
C503	0180-3750	1	CAP-FXD 0.47uF +-20% 35 V TA	00039	NRS474M35R8
C504	0180-3705	1	CAP-FXD 47uF +-20% 50 V AL-ELCTLT	08709	ECE-A1HU470I
C505	0180-3705	1	CAP-FXD 47uF +-20% 50 V AL-ELCTLT	08709	ECE-A1HU470I
C506	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C507	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C508	0180-4303	1	CAP-FXD 2200uF +-20% 10 V AL-ELCTLT	06360	SME10VB222M12X20LL

**Indicates factory-selected value*

HP Part Number E4423-60035
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C509	0180-4228	1	CAP-FXD 47uF +-20% 10 V TA	02010	TAJD476M010
C510	0180-4228	1	CAP-FXD 47uF +-20% 10 V TA	02010	TAJD476M010
C511	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C512	0180-3750	1	CAP-FXD 0.47uF +-20% 35 V TA	00039	NRS474M35R8
C513	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C514	0180-4069	1	CAP-FXD 1000uF +-20% 25 V AL-ELCTLT	06360	SME25VB102M12X20LL
C515	0180-4228	1	CAP-FXD 47uF +-20% 10 V TA	02010	TAJD476M010
C516	0180-4228	1	CAP-FXD 47uF +-20% 10 V TA	02010	TAJD476M010
C517	0180-4228	1	CAP-FXD 47uF +-20% 10 V TA	02010	TAJD476M010
C518	0180-4303	1	CAP-FXD 2200uF +-20% 10 V AL-ELCTLT	06360	SME10VB222M12X20LL
C519	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C520	0180-3750	1	CAP-FXD 0.47uF +-20% 35 V TA	00039	NRS474M35R8
C521	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C522	0180-4228	1	CAP-FXD 47uF +-20% 10 V TA	02010	TAJD476M010
C523	0180-4228	1	CAP-FXD 47uF +-20% 10 V TA	02010	TAJD476M010
C524	0180-4069	1	CAP-FXD 1000uF +-20% 25 V AL-ELCTLT	06360	SME25VB102M12X20LL
C525	0180-4228	1	CAP-FXD 47uF +-20% 10 V TA	02010	TAJD476M010
C526	0180-4228	1	CAP-FXD 47uF +-20% 10 V TA	02010	TAJD476M010
C528	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C529	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C530	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C531	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C532	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C533	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C534	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C535	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C536	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C537	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C538	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C539	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C550	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C551	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C552	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C553	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C554	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K

**Indicates factory-selected value*

HP Part Number E4423-60035
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C555	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C556	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C557	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C558	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C559	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C601	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C602	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C603	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C604	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C605	0160-7855	1	CAP-FXD 33pF +-5% 50 V CER C0G	02010	06035A330JAT
C606	0160-7855	1	CAP-FXD 33pF +-5% 50 V CER C0G	02010	06035A330JAT
C607	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C608	0180-4274	1	CAP-FXD 4.7uF +-20% 50 V TA	12340	T491D475M050AS
C609	0180-4228	1	CAP-FXD 47uF +-20% 10 V TA	02010	TAJD476M010
C610	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C611	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C612	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C613	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C614	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C615	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C616	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C617	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C618	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C619	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C620	0160-7861	1	CAP-FXD 47pF +-5% 50 V CER C0G	02010	06035A470JAT
C621	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C622	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C623	0160-7861	1	CAP-FXD 47pF +-5% 50 V CER C0G	02010	06035A470JAT
C624	0160-7861	1	CAP-FXD 47pF +-5% 50 V CER C0G	02010	06035A470JAT
C625	0160-7861	1	CAP-FXD 47pF +-5% 50 V CER C0G	02010	06035A470JAT
C626	0180-3750	1	CAP-FXD 0.47uF +-20% 35 V TA	00039	NRS474M35R8
C627	0160-7861	1	CAP-FXD 47pF +-5% 50 V CER C0G	02010	06035A470JAT
C628	0160-7861	1	CAP-FXD 47pF +-5% 50 V CER C0G	02010	06035A470JAT
C629	0160-7861	1	CAP-FXD 47pF +-5% 50 V CER C0G	02010	06035A470JAT
C630	0160-7861	1	CAP-FXD 47pF +-5% 50 V CER C0G	02010	06035A470JAT

**Indicates factory-selected value*

HP Part Number E4423-60035
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C631	0160-7861	1	CAP-FXD 47pF +-5% 50 V CER C0G	02010	06035A470JAT
C632	0160-7861	1	CAP-FXD 47pF +-5% 50 V CER C0G	02010	06035A470JAT
C633	0160-7861	1	CAP-FXD 47pF +-5% 50 V CER C0G	02010	06035A470JAT
C634	0160-7861	1	CAP-FXD 47pF +-5% 50 V CER C0G	02010	06035A470JAT
C635	0160-7861	1	CAP-FXD 47pF +-5% 50 V CER C0G	02010	06035A470JAT
C636	0160-7861	1	CAP-FXD 47pF +-5% 50 V CER C0G	02010	06035A470JAT
C637	0160-7861	1	CAP-FXD 47pF +-5% 50 V CER C0G	02010	06035A470JAT
C638	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C639	0160-7855	1	CAP-FXD 33pF +-5% 50 V CER C0G	02010	06035A330JAT
C640	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C641	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C642	0160-7970	1	CAP-FXD 16pF +-5% 50 V CER C0G	12340	C0603C160J5GAC
C643	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C644	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C645	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C646	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C647	0180-4303	1	CAP-FXD 2200uF +-20% 10 V AL-ELCTLT	06360	SME10VB222M12X20LL
C648	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C649	0180-3755	1	CAP-FXD 33uF +-20% 10 V TA	02010	TAJD336M010
C652	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C653	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C654	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C655	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C656	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C657	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C658	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C659	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C660	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C661	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C662	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C663	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C664	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C665	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C666	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C667	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT

**Indicates factory-selected value*

HP Part Number E4423-60035
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C668	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C669	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C670	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C671	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C672	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C673	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C674	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C675	0180-3750	1	CAP-FXD 0.47uF +-20% 35 V TA	00039	NRS474M35R8
C676	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C677	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C678	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C679	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C680	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C681	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C682	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C683	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C684	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C685	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C686	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C687	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C688	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C689	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C690	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C691	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C692	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C693	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C694	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C695	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C696	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C697	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C698	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C699	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C701	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C702	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C703	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K

**Indicates factory-selected value*

HP Part Number E4423-60035
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C704	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C705	0160-6444	1	CAP-FXD 0.022uF +-10% 50 V CER X7R	10374	GRM40X7R223K50
C706	0160-7850	1	CAP-FXD 27pF +-5% 50 V CER C0G	02010	06035A270JAT
C707	0160-7850	1	CAP-FXD 27pF +-5% 50 V CER C0G	02010	06035A270JAT
C708	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C709	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C710	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C711	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C712	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C713	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C714	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C715	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C716	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C717	0160-6103	1	CAP-FXD 1800pF +-5% 50 V CER C0G	06352	C3216CH1H182J
C718	0160-7984	1	CAP-FXD 300pF +-5% 50 V CER C0G	06352	C1608COG1H301J
C719	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C720	0160-6107	1	CAP-FXD 3900pF +-5% 50 V CER C0G	09939	GRM42-2C0G392J050C
C721	0160-7979	1	CAP-FXD 110pF +-5% 50 V CER C0G	12340	C0603C111J5GAC
C722	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C723	0180-4228	1	CAP-FXD 47uF +-20% 10 V TA	02010	TAJD476M010
C724	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C725	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C726	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C727	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C728	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C729	0160-6103	1	CAP-FXD 1800pF +-5% 50 V CER C0G	06352	C3216CH1H182J
C730	0160-7984	1	CAP-FXD 300pF +-5% 50 V CER C0G	06352	C1608COG1H301J
C731	0160-6107	1	CAP-FXD 3900pF +-5% 50 V CER C0G	09939	GRM42-2C0G392J050C
C732	0160-7838	1	CAP-FXD 120pF +-5% 50 V CER C0G	02010	06035A121JAT
C733	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C734	0160-6107	1	CAP-FXD 3900pF +-5% 50 V CER C0G	09939	GRM42-2C0G392J050C
C735	0160-6107	1	CAP-FXD 3900pF +-5% 50 V CER C0G	09939	GRM42-2C0G392J050C
C800	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C801	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C802	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K

**Indicates factory-selected value*

HP Part Number E4423-60035
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C803	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C804	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C805	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C806	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C807	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C808	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C809	0180-3705	1	CAP-FXD 47uF +-20% 50 V AL-ELCTLT	08709	ECE-A1HU470I
C810	0180-3705	1	CAP-FXD 47uF +-20% 50 V AL-ELCTLT	08709	ECE-A1HU470I
C811	0180-3705	1	CAP-FXD 47uF +-20% 50 V AL-ELCTLT	08709	ECE-A1HU470I
C812	0180-3975	1	CAP-FXD 2.2uF +-20% 20 V TA	02010	TAJB225M020
C813	0160-7736	1	CAP-FXD 1uF +-10% 16 V CER X7R	06352	C3216X7R1C105K
CR101	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR102	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR103	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR104	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR105	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR106	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR107	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR108	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR109	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR110	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR111	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR112	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR113	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR114	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR115	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR116	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR201	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR204	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR205	1902-1291	1	DIODE-ZNR 1N5338B 5.1V 5% PD=5W IR=1UA	36633	1N5338BRL
CR206	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR207	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR208	1902-1291	1	DIODE-ZNR 1N5338B 5.1V 5% PD=5W IR=1UA	36633	1N5338BRL
CR209	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR210	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99

**Indicates factory-selected value*

HP Part Number E4423-60035
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
CR211	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR212	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR213	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR214	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR215	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR216	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR217	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR218	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR219	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR220	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR221	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR222	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR223	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR224	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR225	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR301	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR302	1900-0072	1	DIODE-SCHOTTKY SM SIG	01542	1900-0072
CR303	1902-1592	1	DIODE-ZNR 5.1V 5% TO-236 (SOT-23)	02910	BZX84C5V1
CR304	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR501	1901-0877	1	DIODE-PWR RECT 1N5822 40V 3A	36633	1N5822
CR502	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR503	1900-0078	1	DIODE-SCHOTTKY SM SIG	01542	HSMS-2800
CR504	1901-0877	1	DIODE-PWR RECT 1N5822 40V 3A	36633	1N5822
CR505	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR506	1900-0078	1	DIODE-SCHOTTKY SM SIG	01542	HSMS-2800
CR507	1901-0877	1	DIODE-PWR RECT 1N5822 40V 3A	36633	1N5822
CR508	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR509	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR510	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR601	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR602	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR603	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR604	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR605	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR608	1901-0877	1	DIODE-PWR RECT 1N5822 40V 3A	36633	1N5822

**Indicates factory-selected value*

HP Part Number E4423-60035
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
CR609	1901-0877	1	DIODE-PWR RECT 1N5822 40V 3A	36633	1N5822
CR610	1901-0877	1	DIODE-PWR RECT 1N5822 40V 3A	36633	1N5822
CR701	1900-0072	1	DIODE-SCHOTTKY SM SIG	01542	1900-0072
CR702	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR703	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR704	1906-0320	1	DIODE-DUAL 40V 40MA T0-236AA	06121	BAS 40-04
CR705	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR706	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR707	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	06121	BAV99
CR708	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR709	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
DS201	1990-1713	1	LED-LAMP LUM-INT=4MCD IF=20MA-MAX BVR=5V	01542	HSMG-C670
DS202	1990-1713	1	LED-LAMP LUM-INT=4MCD IF=20MA-MAX BVR=5V	01542	HSMG-C670
DS203	1990-1713	1	LED-LAMP LUM-INT=4MCD IF=20MA-MAX BVR=5V	01542	HSMG-C670
DS204	1990-1713	1	LED-LAMP LUM-INT=4MCD IF=20MA-MAX BVR=5V	01542	HSMG-C670
DS205	1990-1713	1	LED-LAMP LUM-INT=4MCD IF=20MA-MAX BVR=5V	01542	HSMG-C670
DS206	1990-1713	1	LED-LAMP LUM-INT=4MCD IF=20MA-MAX BVR=5V	01542	HSMG-C670
DS207	1990-1713	1	LED-LAMP LUM-INT=4MCD IF=20MA-MAX BVR=5V	01542	HSMG-C670
DS208	1990-1713	1	LED-LAMP LUM-INT=4MCD IF=20MA-MAX BVR=5V	01542	HSMG-C670
DS501	1990-0835	1	LED-LAMP LUM-INT=6MCD IF=30MA-MAX BVR=5V	01542	HLMP-1585
DS502	1990-0487	1	LED-LAMP LUM-INT=2.2MCD IF=20MA-MAX	01542	HLMP-1401
DS503	1990-1713	1	LED-LAMP LUM-INT=4MCD IF=20MA-MAX BVR=5V	01542	HSMG-C670
DS504	1990-1713	1	LED-LAMP LUM-INT=4MCD IF=20MA-MAX BVR=5V	01542	HSMG-C670
DS505	1990-1713	1	LED-LAMP LUM-INT=4MCD IF=20MA-MAX BVR=5V	01542	HSMG-C670
DS506	1990-1713	1	LED-LAMP LUM-INT=4MCD IF=20MA-MAX BVR=5V	01542	HSMG-C670
DS507	1990-1713	1	LED-LAMP LUM-INT=4MCD IF=20MA-MAX BVR=5V	01542	HSMG-C670
DS508	1990-1713	1	LED-LAMP LUM-INT=4MCD IF=20MA-MAX BVR=5V	01542	HSMG-C670
DS509	1990-1713	1	LED-LAMP LUM-INT=4MCD IF=20MA-MAX BVR=5V	01542	HSMG-C670
DS510	1990-1713	1	LED-LAMP LUM-INT=4MCD IF=20MA-MAX BVR=5V	01542	HSMG-C670
DS511	1990-1713	1	LED-LAMP LUM-INT=4MCD IF=20MA-MAX BVR=5V	01542	HSMG-C670
DS512	1990-1713	1	LED-LAMP LUM-INT=4MCD IF=20MA-MAX BVR=5V	01542	HSMG-C670
E201	9170-1418	1	CORE-SHIELDING BEAD	06352	HF30ACB-453215
E202	9170-1418	1	CORE-SHIELDING BEAD	06352	HF30ACB-453215
E203	9170-1418	1	CORE-SHIELDING BEAD	06352	HF30ACB-453215
E204	9100-1788	1	CORE-FERRITE CHOKE-WIDEBAND;IMP:>680	11212	LB2/2.5ZB

**Indicates factory-selected value*

HP Part Number E4423-60035
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
E301	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E302	9170-1418	1	CORE-SHIELDING BEAD	06352	HF30ACB-453215
E303	9170-1418	1	CORE-SHIELDING BEAD	06352	HF30ACB-453215
E304	9100-1788	1	CORE-FERRITE CHOKE-WIDEBAND;IMP:>680	11212	LB2/2.5ZB
E601	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E602	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E603	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E604	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E605	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E606	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E607	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E608	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E609	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E610	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E611	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E612	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E613	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E614	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E615	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E616	9170-1418	1	CORE-SHIELDING BEAD	06352	HF30ACB-453215
E617	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E618	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E619	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E624	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E625	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E626	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
FL201	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL501	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL750	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL751	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
J1	1252-6024	1	CONN-RECT MICRORBN 100-CKT 100-CONT	01380	2-557102-5
J2	1252-6024	1	CONN-RECT MICRORBN 100-CKT 100-CONT	01380	2-557102-5
J3	1252-6024	1	CONN-RECT MICRORBN 100-CKT 100-CONT	01380	2-557102-5
J4	1252-6024	1	CONN-RECT MICRORBN 100-CKT 100-CONT	01380	2-557102-5
J5	1252-5906	1	CONN-RECT MICRORBN 100-CKT 100-CONT	01380	2-557101-5

**Indicates factory-selected value*

HP Part Number E4423-60035
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
J6	1252-4643	1	CONN-UTIL MINIFIT, JR 20-CONT-POS	03418	39-29-9207
J7	1252-2161	1	CONN-RECT MICRORBN 24-CKT 24-CONT	01380	554923-2
J8	1252-1487	1	CONN-RECT D-SUBMIN 9-CKT 9-CONT	01380	748875-1
J9	1250-1842	1	CONNECTOR-RF BNC FEMALE PC-W-STDFS	01380	227677-1
J10	1250-1842	1	CONNECTOR-RF BNC FEMALE PC-W-STDFS	01380	227677-1
J11	1250-1842	1	CONNECTOR-RF BNC FEMALE PC-W-STDFS	01380	227677-1
J12	1250-1842	1	CONNECTOR-RF BNC FEMALE PC-W-STDFS	01380	227677-1
J13	1250-1842	1	CONNECTOR-RF BNC FEMALE PC-W-STDFS	01380	227677-1
J14	1251-8106	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	04726	2520-6002UB
J15	1251-7854	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	01380	103168-1
J16	1251-7776	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	03418	22-11-2022
J17	1251-7776	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	03418	22-11-2022
J18	1252-1325	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	04726	N2510-6002UB
J19	1252-0500	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	01380	103361-1
J20	1251-8347	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	04726	2526-5002UB
J21	1252-6670	1	CONN-POST TYPE 1-PIN-SPCG-MTG-END	03418	52089-1510
J23	1252-2226	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	04726	2564-6002 UB
J24	1252-2226	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	04726	2564-6002 UB
J25	1251-4928	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	01380	103240-5
J26	1251-8823	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	04726	2514-6002UB
J28	1258-0177	1	SHUNT-PROGRAMMABLE 8 DBL PIN SETS; .800	04225	8136-475G8
J29	1252-3839	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	13369	69190-602
J501	1252-3332	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	01380	103414-1
L301	9140-1987	1	INDUCTOR 4.7uH +10% -10% 15.2D-mm	01886	PCV-1-472-10
L302	9140-1105	1	INDUCTOR 1uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-1R0J-3
L501	9140-1115	1	INDUCTOR 22uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-220J-3
L502	9140-1175	1	INDUCTOR-FIXED L:1 MH,-0%,+30% @ 0.35 A	01869	PE-50501-004
L503	9140-1127	1	INDUCTOR 680uH +-5% 3.4W-mmX4.8LG-mm	06352	NL453232T-681J
L504	9140-1170	1	INDUCTOR RF-CH-MLD 1.2uH +-20%	03273	18M121M-1
L505	9140-1170	1	INDUCTOR RF-CH-MLD 1.2uH +-20%	03273	18M121M-1
L506	9140-1483	1	INDUCTOR 94.1uH +20% -12%	01869	92102-KM-3
L507	9100-3922	1	INDUCTOR-FIXED Z > 1200 OHMS 120 TO 650	03273	51-088
L508	9100-3922	1	INDUCTOR-FIXED Z > 1200 OHMS 120 TO 650	03273	51-088
L509	9100-3922	1	INDUCTOR-FIXED Z > 1200 OHMS 120 TO 650	03273	51-088
L510	9100-3922	1	INDUCTOR-FIXED Z > 1200 OHMS 120 TO 650	03273	51-088

**Indicates factory-selected value*

HP Part Number E4423-60035
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
L511	9140-1483	1	INDUCTOR 94.1uH +20% -12%	01869	92102-KM-3
L512	9100-3922	1	INDUCTOR-FIXED Z > 1200 OHMS 120 TO 650	03273	51-088
L601	9100-3922	1	INDUCTOR-FIXED Z > 1200 OHMS 120 TO 650	03273	51-088
L602	9100-3922	1	INDUCTOR-FIXED Z > 1200 OHMS 120 TO 650	03273	51-088
L603	9140-1175	1	INDUCTOR-FIXED L:1 MH,-0%,+30% @ 0.35 A	01869	PE-50501-004
L701	9140-1121	1	INDUCTOR 100uH +-5% 3.4W-mmX4.8LG-mm	06352	NL453232-101J-3
MP2	0380-1467	1	STANDOFF-PRESS-IN 4-MM-LG M3.0 X 0.5-THD	03981	KFSE-M3-4
MP3	0460-2568	1	TAPE-INDL .5-IN-W .0022-IN-T POLYI-FLM	04726	42, 0.5IN
MP4	0460-2568	1	TAPE-INDL .5-IN-W .0022-IN-T POLYI-FLM	04726	42, 0.5IN
MP5	1258-0141	1	JUMPER-REMOVABLE FOR 0.025 IN SQ PINS	01380	530153-2
MP6	1258-0141	1	JUMPER-REMOVABLE FOR 0.025 IN SQ PINS	01380	530153-2
MP7	1258-0141	1	JUMPER-REMOVABLE FOR 0.025 IN SQ PINS	01380	530153-2
MP8	0460-2568	1	TAPE-INDL .5-IN-W .0022-IN-T POLYI-FLM	04726	42, 0.5IN
P5	1250-0257	1	CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM	02788	5162-5021-09
P6	1250-0257	1	CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM	02788	5162-5021-09
P7	1250-0257	1	CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM	02788	5162-5021-09
P102	1250-0257	1	CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM	02788	5162-5021-09
P103	1250-0257	1	CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM	02788	5162-5021-09
P104	1251-4670	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	13369	68000-603
P105	1251-4670	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	13369	68000-603
P106	1251-4670	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	13369	68000-603
Q301	1853-0580	1	TRANSISTOR PNP SI SOT-23 (TO-236AB)	36633	MMBT4403LT1
Q302	1855-0800	1	TRANSISTOR MOSFET N-CHAN E-MODE TO-252AA	12125	SSR3055L
Q304	1853-0580	1	TRANSISTOR PNP SI SOT-23 (TO-236AB)	36633	MMBT4403LT1
Q305	1854-1095	1	TRANSISTOR NPN SI SOT-23 (TO-236AB)	36633	MMBT2369LT1
Q502	1854-1037	1	TRANSISTOR NPN SI TO-236AA PD=350MW	36633	MMBT3904LT1
Q601	1854-1014	1	TRANSISTOR NPN SI TO-236AA PD=350MW	36633	MMBT6429LT1
Q602	1853-0567	1	TRANSISTOR PNP SI SOT-23 (TO-236AB)	36633	MMBT3906LT1
Q603	1853-0567	1	TRANSISTOR PNP SI SOT-23 (TO-236AB)	36633	MMBT3906LT1
Q604	1855-0734	1	TRANSISTOR MOSFET 2N7002 N-CHAN E-MODE	02883	2N7002
Q605	1853-0567	1	TRANSISTOR PNP SI SOT-23 (TO-236AB)	36633	MMBT3906LT1
Q701	1855-0734	1	TRANSISTOR MOSFET 2N7002 N-CHAN E-MODE	02883	2N7002
Q750	1853-0567	1	TRANSISTOR PNP SI SOT-23 (TO-236AB)	36633	MMBT3906LT1
Q751	1854-1037	1	TRANSISTOR NPN SI TO-236AA PD=350MW	36633	MMBT3904LT1
Q752	1855-0734	1	TRANSISTOR MOSFET 2N7002 N-CHAN E-MODE	02883	2N7002

**Indicates factory-selected value*

HP Part Number E4423-60035
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R101	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R102	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R103	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R104	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R105	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R106	0699-3963	1	RESISTOR 4.64K +-1% .063W TKF TC=0+-200	09891	RK73H1J4641F
R107	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	09891	RK73H1J1003F
R108	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	09891	RK73H1J1003F
R109	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	09891	RK73H1J1003F
R110	1810-1116	1	NET-RES 15 2.2K OHM 16-PIN	05524	SOMC-1601-222G
R111	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J2152F
R112	0699-3954	1	RESISTOR 1.96K +-1% .063W TKF TC=0+-200	09891	RK73H1J1961F
R113	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R115	0699-4005	1	RESISTOR 316K +-1% .063W TKF TC=0+-200	09891	RK73H1J3163F
R116	0699-1466	1	RESISTOR 10M +-10% .125W TKF TC=0+-200	09891	RM73B2BT106K
R117	0699-1466	1	RESISTOR 10M +-10% .125W TKF TC=0+-200	09891	RM73B2BT106K
R119	0699-1431	1	RESISTOR 464 +-1% .125W TKF TC=0+-100	05524	CRCW12064640F
R201	1810-1128	1	NET-RES 15 4.7K OHM 16-PIN	05524	SOMC16-01-472G
R202	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R203	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R204	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R205	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R206	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R207	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R208	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R209	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R210	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R211	0699-3951	1	RESISTOR 1.47K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1471
R212	0699-1422	1	RESISTOR 196 +-1% .125W TKF TC=0+-100	09891	RK73H2BT1960F
R213	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R214	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R215	0699-1348	1	RESISTOR 14.7 +-1% .125W TKF TC=0+-100	05524	CRCW120614R7F
R216	0699-1344	1	RESISTOR 10 +-1% .125W TKF TC=0+-100	09891	RK73H2BT10R0F
R217	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R218	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F

**Indicates factory-selected value*

HP Part Number E4423-60035
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R219	0699-3962	1	RESISTOR 4.22K +-1% .063W TKF TC=0+-200	09891	RK73H1J4221F
R220	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R221	0699-3954	1	RESISTOR 1.96K +-1% .063W TKF TC=0+-200	09891	RK73H1J1961F
R222	0699-3954	1	RESISTOR 1.96K +-1% .063W TKF TC=0+-200	09891	RK73H1J1961F
R223	0699-3954	1	RESISTOR 1.96K +-1% .063W TKF TC=0+-200	09891	RK73H1J1961F
R224	0699-3954	1	RESISTOR 1.96K +-1% .063W TKF TC=0+-200	09891	RK73H1J1961F
R225	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R226	0699-3962	1	RESISTOR 4.22K +-1% .063W TKF TC=0+-200	09891	RK73H1J4221F
R227	0699-3962	1	RESISTOR 4.22K +-1% .063W TKF TC=0+-200	09891	RK73H1J4221F
R228	0699-3954	1	RESISTOR 1.96K +-1% .063W TKF TC=0+-200	09891	RK73H1J1961F
R229	0699-3954	1	RESISTOR 1.96K +-1% .063W TKF TC=0+-200	09891	RK73H1J1961F
R230	0699-3962	1	RESISTOR 4.22K +-1% .063W TKF TC=0+-200	09891	RK73H1J4221F
R231	0699-3962	1	RESISTOR 4.22K +-1% .063W TKF TC=0+-200	09891	RK73H1J4221F
R232	0699-3954	1	RESISTOR 1.96K +-1% .063W TKF TC=0+-200	09891	RK73H1J1961F
R301	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R302	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R303	0699-3961	1	RESISTOR 3.83K +-1% .063W TKF TC=0+-200	09891	RK73H1J3831F
R304	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R305	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R306	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R307	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R308	0699-1415	1	RESISTOR 100 +-1% .125W TKF TC=0+-100	05524	CRCW12061000F
R309	0699-1415	1	RESISTOR 100 +-1% .125W TKF TC=0+-100	05524	CRCW12061000F
R310	0699-3928	1	RESISTOR 147 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1470
R311	0699-3955	1	RESISTOR 2.15K +-1% .063W TKF TC=0+-200	09891	RK73H1J2151F
R312	0811-3605	1	RESISTOR .1 +-5% .5W PWI TC=0+600	02499	SP-2-0R15%
R313	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J2152F
R314	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R315	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	09891	RK73H1J1003F
R316	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R319	0699-2831	1	RESISTOR 150 +-0.1% .125W TF TC=0+-25	02499	W1206R031500BT
R320	0699-2490	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	02499	W1206R031001BT
R321	0699-1386	1	RESISTOR 5.62K +-1% .125W TKF TC=0+-100	09891	RK73H2BT5621F
R322	0699-1437	1	RESISTOR 825 +-1% .125W TKF TC=0+-100	00746	MCR18-F-8250
R323	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F

**Indicates factory-selected value*

HP Part Number E4423-60035
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R324	0699-3959	1	RESISTOR 3.16K +-1% .063W TKF TC=0+-200	00746	MCR03-F-3161
R325	0699-1427	1	RESISTOR 316 +-1% .125W TKF TC=0+-100	09891	RK73H2BT3160F
R326	0699-3951	1	RESISTOR 1.47K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1471
R327	0699-1375	1	RESISTOR 1.96K +-1% .125W TKF TC=0+-100	09891	RK73H2BT1961F
R401	0699-3943	1	RESISTOR 681 +-1% .063W TKF TC=0+-200	00746	MCR03-F-6810
R402	0699-3943	1	RESISTOR 681 +-1% .063W TKF TC=0+-200	00746	MCR03-F-6810
R403	0699-3943	1	RESISTOR 681 +-1% .063W TKF TC=0+-200	00746	MCR03-F-6810
R404	0699-3943	1	RESISTOR 681 +-1% .063W TKF TC=0+-200	00746	MCR03-F-6810
R405	0699-3943	1	RESISTOR 681 +-1% .063W TKF TC=0+-200	00746	MCR03-F-6810
R406	0699-3943	1	RESISTOR 681 +-1% .063W TKF TC=0+-200	00746	MCR03-F-6810
R407	0699-3943	1	RESISTOR 681 +-1% .063W TKF TC=0+-200	00746	MCR03-F-6810
R408	0699-3943	1	RESISTOR 681 +-1% .063W TKF TC=0+-200	00746	MCR03-F-6810
R409	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R410	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R411	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R412	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R413	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R414	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R415	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R416	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R417	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R418	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R419	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R420	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R421	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R422	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R423	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R424	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R425	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R426	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R427	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R428	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R429	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R430	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R431	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F

**Indicates factory-selected value*

HP Part Number E4423-60035
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R432	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R433	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R434	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R435	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R436	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R437	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R438	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R439	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R440	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R441	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R442	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R501	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R502	0699-1401	1	RESISTOR 28.7K +-1% .125W TKF TC=0+-100	09891	RK73H2BT2872F
R503	0699-3949	1	RESISTOR 1.21K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1211
R504	0699-3949	1	RESISTOR 1.21K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1211
R505	0699-1427	1	RESISTOR 316 +-1% .125W TKF TC=0+-100	09891	RK73H2BT3160F
R506	0699-1435	1	RESISTOR 681 +-1% .125W TKF TC=0+-100	09891	RK73H2BT6810F
R507	0699-1435	1	RESISTOR 681 +-1% .125W TKF TC=0+-100	09891	RK73H2BT6810F
R509	0699-3963	1	RESISTOR 4.64K +-1% .063W TKF TC=0+-200	09891	RK73H1J4641F
R510	0699-3949	1	RESISTOR 1.21K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1211
R511	0699-3951	1	RESISTOR 1.47K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1471
R512	0699-3917	1	RESISTOR 46.4 +-1% .063W TKF TC=0+-200	09891	RK73H1J46R4F
R513	0699-1431	1	RESISTOR 464 +-1% .125W TKF TC=0+-100	05524	CRCW12064640F
R514	0699-1431	1	RESISTOR 464 +-1% .125W TKF TC=0+-100	05524	CRCW12064640F
R515	0699-1431	1	RESISTOR 464 +-1% .125W TKF TC=0+-100	05524	CRCW12064640F
R516	0699-1431	1	RESISTOR 464 +-1% .125W TKF TC=0+-100	05524	CRCW12064640F
R517	0699-3961	1	RESISTOR 3.83K +-1% .063W TKF TC=0+-200	09891	RK73H1J3831F
R518	0699-3949	1	RESISTOR 1.21K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1211
R519	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R520	0699-3917	1	RESISTOR 46.4 +-1% .063W TKF TC=0+-200	09891	RK73H1J46R4F
R521	0699-1427	1	RESISTOR 316 +-1% .125W TKF TC=0+-100	09891	RK73H2BT3160F
R522	0699-1427	1	RESISTOR 316 +-1% .125W TKF TC=0+-100	09891	RK73H2BT3160F
R523	0699-1427	1	RESISTOR 316 +-1% .125W TKF TC=0+-100	09891	RK73H2BT3160F
R524	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R525	0699-3992	1	RESISTOR 90.9K +-1% .063W TKF TC=0+-200	09891	RK73H1J9092F

**Indicates factory-selected value*

HP Part Number E4423-60035
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R526	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R527	0699-1344	1	RESISTOR 10 +-1% .125W TKF TC=0+-100	09891	RK73H2BT10R0F
R528	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R529	0812-0045	1	RESISTOR .15 +-5% 3W PWI TC=0+-90	05524	CW-2B R15 5%
R530	0699-3934	1	RESISTOR 261 +-1% .063W TKF TC=0+-200	09891	RK73H1J2610F
R531	0699-1372	1	RESISTOR 1.47K +-1% .125W TKF TC=0+-100	00746	MCR18-F-1471
R532	0699-3969	1	RESISTOR 9.09K +-1% .063W TKF TC=0+-200	09891	RK73H1J9091F
R533	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R534	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R535	0699-3968	1	RESISTOR 8.25K +-1% .063W TKF TC=0+-200	09891	RK73H1J8251F
R536	0699-3961	1	RESISTOR 3.83K +-1% .063W TKF TC=0+-200	09891	RK73H1J3831F
R537	0699-3979	1	RESISTOR 23.7K +-1% .063W TKF TC=0+-200	09891	RK73H1J2372F
R538	0699-3367	1	RESISTOR 5.62K +-1% .0625W TKF TC=0+-200	06337	232270465622
R539	0699-3367	1	RESISTOR 5.62K +-1% .0625W TKF TC=0+-200	06337	232270465622
R540	0699-3982	1	RESISTOR 31.6K +-1% .063W TKF TC=0+-200	09891	RK73H1J3162F
R541	0699-3368	1	RESISTOR 56.2K +-1% .063W TKF TC=0+-200	05524	CRCW06035622F
R542	0699-3367	1	RESISTOR 5.62K +-1% .0625W TKF TC=0+-200	06337	232270465622
R543	0699-3976	1	RESISTOR 17.8K +-1% .063W TKF TC=0+-200	09891	RK73H1J1782F
R544	0699-3367	1	RESISTOR 5.62K +-1% .0625W TKF TC=0+-200	06337	232270465622
R545	0699-3366	1	RESISTOR 562 +-1% .065W TKF TC=0+-200	09891	RK73H1J5620F
R546	0699-1430	1	RESISTOR 422 +-1% .125W TKF TC=0+-100	05524	CRCW12064220F
R547	0699-3367	1	RESISTOR 5.62K +-1% .0625W TKF TC=0+-200	06337	232270465622
R548	0699-3367	1	RESISTOR 5.62K +-1% .0625W TKF TC=0+-200	06337	232270465622
R549	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R550	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R551	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R552	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R553	0699-1318	1	RESISTOR 1K +-1% .125W TKF TC=0+-100	00746	MCR18-F-1001
R554	0699-3366	1	RESISTOR 562 +-1% .065W TKF TC=0+-200	09891	RK73H1J5620F
R555	0699-1433	1	RESISTOR 562 +-1% .125W TKF TC=0+-100	05524	CRCW12065620F
R556	0699-3366	1	RESISTOR 562 +-1% .065W TKF TC=0+-200	09891	RK73H1J5620F
R557	0699-1430	1	RESISTOR 422 +-1% .125W TKF TC=0+-100	05524	CRCW12064220F
R558	0699-3366	1	RESISTOR 562 +-1% .065W TKF TC=0+-200	09891	RK73H1J5620F
R559	0699-1372	1	RESISTOR 1.47K +-1% .125W TKF TC=0+-100	00746	MCR18-F-1471
R560	0699-3366	1	RESISTOR 562 +-1% .065W TKF TC=0+-200	09891	RK73H1J5620F

**Indicates factory-selected value*

HP Part Number E4423-60035
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R561	0699-1372	1	RESISTOR 1.47K +-1% .125W TKF TC=0+-100	00746	MCR18-F-1471
R562	0699-3366	1	RESISTOR 562 +-1% .065W TKF TC=0+-200	09891	RK73H1J5620F
R563	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R564	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J2152F
R565	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R566	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R567	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R568	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R569	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R570	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R580	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R601	0699-3962	1	RESISTOR 4.22K +-1% .063W TKF TC=0+-200	09891	RK73H1J4221F
R602	0699-3962	1	RESISTOR 4.22K +-1% .063W TKF TC=0+-200	09891	RK73H1J4221F
R603	0699-3954	1	RESISTOR 1.96K +-1% .063W TKF TC=0+-200	09891	RK73H1J1961F
R604	0699-3959	1	RESISTOR 3.16K +-1% .063W TKF TC=0+-200	00746	MCR03-F-3161
R605	0699-3957	1	RESISTOR 2.61K +-1% .063W TKF TC=0+-200	09891	RK73H1J2611F
R606	0699-3954	1	RESISTOR 1.96K +-1% .063W TKF TC=0+-200	09891	RK73H1J1961F
R607	0699-2776	1	RESISTOR 1 +-10% .125W TKF TC=0+-500	00746	MCR18-K-010
R608	0699-3945	1	RESISTOR 825 +-1% .063W TKF TC=0+-200	00746	MCR03-F-8250
R609	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R610	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R611	0699-4005	1	RESISTOR 316K +-1% .063W TKF TC=0+-200	09891	RK73H1J3163F
R612	0699-3954	1	RESISTOR 1.96K +-1% .063W TKF TC=0+-200	09891	RK73H1J1961F
R613	0699-3954	1	RESISTOR 1.96K +-1% .063W TKF TC=0+-200	09891	RK73H1J1961F
R614	0699-3951	1	RESISTOR 1.47K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1471
R615	0699-3951	1	RESISTOR 1.47K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1471
R616	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R617	0699-1415	1	RESISTOR 100 +-1% .125W TKF TC=0+-100	05524	CRCW12061000F
R618	0699-1415	1	RESISTOR 100 +-1% .125W TKF TC=0+-100	05524	CRCW12061000F
R619	0699-2489	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	02499	W1206R031002BT
R620	0699-1415	1	RESISTOR 100 +-1% .125W TKF TC=0+-100	05524	CRCW12061000F
R621	0699-2489	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	02499	W1206R031002BT
R622	0699-3917	1	RESISTOR 46.4 +-1% .063W TKF TC=0+-200	09891	RK73H1J46R4F
R623	0699-3949	1	RESISTOR 1.21K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1211
R624	0699-3975	1	RESISTOR 16.2K +-1% .063W TKF TC=0+-200	09891	RK73H1J1622F

**Indicates factory-selected value*

HP Part Number E4423-60035
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R627	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J2152F
R628	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J2152F
R629	0699-3962	1	RESISTOR 4.22K +-1% .063W TKF TC=0+-200	09891	RK73H1J4221F
R630	0699-3962	1	RESISTOR 4.22K +-1% .063W TKF TC=0+-200	09891	RK73H1J4221F
R631	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R632	0699-3963	1	RESISTOR 4.64K +-1% .063W TKF TC=0+-200	09891	RK73H1J4641F
R633	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J2152F
R634	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R635	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R636	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R637	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R638	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R639	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R640	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R641	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R642	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R643	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R644	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R645	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R646	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R647	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R648	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R649	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R650	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R651	0699-3995	1	RESISTOR 121K +-1% .063W TKF TC=0+-200	09891	RK73H1J1213F
R652	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R653	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R654	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R655	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R656	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R657	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R658	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R659	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R660	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R661	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119

**Indicates factory-selected value*

HP Part Number E4423-60035
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R662	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R701	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R702	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	09891	RK73H1J1003F
R703	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	09891	RK73H1J1003F
R704	0699-3963	1	RESISTOR 4.64K +-1% .063W TKF TC=0+-200	09891	RK73H1J4641F
R705	0699-1384	1	RESISTOR 4.64K +-1% .125W TKF TC=0+-100	09891	RK73H2BT4641F
R706	0699-1384	1	RESISTOR 4.64K +-1% .125W TKF TC=0+-100	09891	RK73H2BT4641F
R707	0699-1384	1	RESISTOR 4.64K +-1% .125W TKF TC=0+-100	09891	RK73H2BT4641F
R708	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J2152F
R709	0699-3979	1	RESISTOR 23.7K +-1% .063W TKF TC=0+-200	09891	RK73H1J2372F
R710	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R711	0699-3979	1	RESISTOR 23.7K +-1% .063W TKF TC=0+-200	09891	RK73H1J2372F
R712	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R713	0699-3971	1	RESISTOR 11K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1102
R714	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R715	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R716	0699-3362	1	RESISTOR 3.3 +-5% .063W TKF TC=0+-200	09891	RM73B1J3R3J
R717	0699-3974	1	RESISTOR 14.7K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1472
R718	0699-3982	1	RESISTOR 31.6K +-1% .063W TKF TC=0+-200	09891	RK73H1J3162F
R719	0699-1392	1	RESISTOR 11K +-1% .125W TKF TC=0+-100	05524	CRCW12061102F
R720	0699-3968	1	RESISTOR 8.25K +-1% .063W TKF TC=0+-200	09891	RK73H1J8251F
R721	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R722	0699-3974	1	RESISTOR 14.7K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1472
R723	0699-4009	1	RESISTOR 464K +-1% .063W TKF TC=0+-200	09891	RK73H1J4643F
R724	0699-2824	1	RESISTOR 7.5K +-0.1% .125W TF TC=0+-25	01172	BLU-1206 7K5 .1% 25PPM
R725	0699-2840	1	RESISTOR 2.5K +-0.1% .125W TF TC=0+-25	02499	W1206R032501BT
R726	0699-3968	1	RESISTOR 8.25K +-1% .063W TKF TC=0+-200	09891	RK73H1J8251F
R727	0699-3972	1	RESISTOR 12.1K +-1% .063W TKF TC=0+-200	09891	RK73H1J1212F
R728	0699-3963	1	RESISTOR 4.64K +-1% .063W TKF TC=0+-200	09891	RK73H1J4641F
R729	0699-3963	1	RESISTOR 4.64K +-1% .063W TKF TC=0+-200	09891	RK73H1J4641F
R730	0699-3966	1	RESISTOR 6.81K +-1% .063W TKF TC=0+-200	09891	RK73H1J6811F
R731	0699-3961	1	RESISTOR 3.83K +-1% .063W TKF TC=0+-200	09891	RK73H1J3831F
R732	0699-3961	1	RESISTOR 3.83K +-1% .063W TKF TC=0+-200	09891	RK73H1J3831F
R733	0699-3967	1	RESISTOR 7.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J7501F
R734	0699-3366	1	RESISTOR 562 +-1% .065W TKF TC=0+-200	09891	RK73H1J5620F

**Indicates factory-selected value*

HP Part Number E4423-60035
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R750	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R751	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R752	0699-1380	1	RESISTOR 3.16K +-1% .125W TKF TC=0+-100	05524	CRCW12063161F
R753	0699-1380	1	RESISTOR 3.16K +-1% .125W TKF TC=0+-100	05524	CRCW12063161F
R754	0699-1380	1	RESISTOR 3.16K +-1% .125W TKF TC=0+-100	05524	CRCW12063161F
R755	0699-1380	1	RESISTOR 3.16K +-1% .125W TKF TC=0+-100	05524	CRCW12063161F
R756	0699-1380	1	RESISTOR 3.16K +-1% .125W TKF TC=0+-100	05524	CRCW12063161F
R757	0699-1380	1	RESISTOR 3.16K +-1% .125W TKF TC=0+-100	05524	CRCW12063161F
R758	0699-1318	1	RESISTOR 1K +-1% .125W TKF TC=0+-100	00746	MCR18-F-1001
R765	0699-3574	1	RESISTOR 0 .0625W TKF	09891	RM73Z1JT
R766	0699-1503	1	RESISTOR 0 CWM	05524	CRCW1206000
R767	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R768	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R769	0699-1415	1	RESISTOR 100 +-1% .125W TKF TC=0+-100	05524	CRCW12061000F
R770	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R771	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R772	0699-1415	1	RESISTOR 100 +-1% .125W TKF TC=0+-100	05524	CRCW12061000F
R773	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R774	0699-1415	1	RESISTOR 100 +-1% .125W TKF TC=0+-100	05524	CRCW12061000F
R775	0699-3973	1	RESISTOR 13.3K +-1% .063W TKF TC=0+-200	09891	RK73H1J1332F
R776	0699-3972	1	RESISTOR 12.1K +-1% .063W TKF TC=0+-200	09891	RK73H1J1212F
R777	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R778	0699-3963	1	RESISTOR 4.64K +-1% .063W TKF TC=0+-200	09891	RK73H1J4641F
R779	0699-2836	1	RESISTOR 15K +-0.1% .125W TF TC=0+-25	02499	W1206R031502BT
R780	0698-3338	1	RESISTOR 1.5K +-5% 2W MO TC=0+-200	02499	GS-31501
R781	0698-3338	1	RESISTOR 1.5K +-5% 2W MO TC=0+-200	02499	GS-31501
R782	0699-1503	1	RESISTOR 0 CWM	05524	CRCW1206000
RT101	3101-3267	1	THERMISTOR	02145	SMD030
RT201	3101-3267	1	THERMISTOR	02145	SMD030
RT202	3101-3267	1	THERMISTOR	02145	SMD030
RT301	0837-0359	1	THERMISTOR DISC 33-OHM TC=+15%/C-DEG	09939	PTH8L07BD330N3B550
S201	3101-2243	1	SWITCH-DIP RKR 8-1A 0.05A 30VDC	04990	76YY22318ST
U101	1821-0787	1	IC-INTERFACE XCVR CMOS RS-232C	10858	LT1137ACS
U102	1820-4250	1	IC INV TTL/ALS HEX	01698	SN74ALS05AD
U103	1821-0078	1	IC-32-BIT CPU W/2K RAM,TPU,QSM	02037	MC68332ACFC16

**Indicates factory-selected value*

HP Part Number E4423-60035
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
U104	1820-7733	1	IC DRVR CMOS/ACT LINE 16-BIT	01698	74ACT16244DL
U105	1820-7733	1	IC DRVR CMOS/ACT LINE 16-BIT	01698	74ACT16244DL
U106	1818-5946	1	IC 256K-BIT EEPROM 200-NS CMOS	10572	X28C256J-20
U107	1818-5946	1	IC 256K-BIT EEPROM 200-NS CMOS	10572	X28C256J-20
U108	1818-7661	1	IC 32M-BIT FLASH 70-NS CMOS	28480	1818-7661
U112	1818-5965	1	IC 4M-BIT SRAM 70-NS CMOS	06347	HM628512BLFP-7SL
U113	1818-5965	1	IC 4M-BIT SRAM 70-NS CMOS	06347	HM628512BLFP-7SL
U114	1820-7245	1	IC DCDR-DEMUXR CMOS/AC BIN 4-TO-1-LINE	02237	74AC139SCX.
U116	1820-4998	1	IC GATE TTL/F OR QUAD 2-INP	02910	74F32D
U117	1820-4377	1	IC GATE TTL/F NAND QUAD 2-INP	02910	74F00D
U118	1820-5870	1	IC INV TTL/F HEX	01698	SN74F04D
U119	E4400-80069	1	PLD U119	28480	E4400-80069
U120	1820-8503	1	IC TRANSCEIVER CMOS/ACT BUS DUAL 8-BIT	01698	74ACT16245DL
U121	E4400-80098	1	EPROM U121	28480	E4400-80098
U122	1820-7281	1	IC TRANSCEIVER CMOS/ACL BUS OCTL	01698	74ACT11245DW
U123	1820-7245	1	IC DCDR-DEMUXR CMOS/AC BIN 4-TO-1-LINE	02237	74AC139SCX.
U125	1820-4364	1	IC GATE TTL/F AND QUAD 2-INP	02910	74F08D
U201	1820-5934	1	IC DCDR-DEMUXR CMOS/AC BIN 8-TO-1-LINE	36633	MC74AC138DR2
U202	1820-7733	1	IC DRVR CMOS/ACT LINE 16-BIT	01698	74ACT16244DL
U203	1820-8486	1	IC FF CMOS/ACT D-TYPE POS-EDGE-TRIG COM	36633	MC74ACT273DWR2
U204	1820-5937	1	IC FF CMOS/AC D-TYPE POS-EDGE-TRIG	02237	74AC74SC.
U205	1820-5950	1	IC INV CMOS/AC HEX 14-SOIC	02237	74AC04SCX
U206	1820-7604	1	IC-INTERFACE XCVR BIPOLAR BUS	01698	SN75ALS164DW
U207	1821-1721	1	IC-HPIB CONTROLLER	01698	MP9914FNL
U208	1820-6176	1	IC-INTERFACE XCVR BIPOLAR BUS OCTL	01698	SN75ALS160DW
U209	1820-5945	1	IC GATE CMOS/AC NAND QUAD 2-INP	36633	MC74AC00D
U210	E4400-80032	1	U210 PRGMD IC	28480	E4400-80032
U211	1820-6391	1	IC GATE CMOS/AC EXCL-OR QUAD 2-INP	02237	74AC86SCX.
U212	1820-7733	1	IC DRVR CMOS/ACT LINE 16-BIT	01698	74ACT16244DL
U213	1820-7281	1	IC TRANSCEIVER CMOS/ACL BUS OCTL	01698	74ACT11245DW
U214	1820-6311	1	IC FF TTL/F D-TYPE POS-EDGE-TRIG COM	02910	74F574D
U215	1820-6311	1	IC FF TTL/F D-TYPE POS-EDGE-TRIG COM	02910	74F574D
U216	1820-8941	1	IC MUXR/DATA-SEL CMOS/ACT 4-TO-1-LINE	02237	74ACT253SCX.
U301	1826-1897	1	IC PWR MGT-VS-SUPVR/CONT	01698	TL7705ACD
U302	1820-7244	1	IC SCHMITT-TRIG CMOS/AC INV HEX	02237	74AC14SCX.

**Indicates factory-selected value*

HP Part Number E4423-60035
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
U303	1826-1912	1	IC OP AMP H-SLEW-RATE DUAL 8 PIN	36633	MC34072DR2
U305	1820-7218	1	IC CNTR CMOS/AC BIN SYNCHRO	02237	74AC163SCX.
U401	1820-8486	1	IC FF CMOS/ACT D-TYPE POS-EDGE-TRIG COM	36633	MC74ACT273DWR2
U402	1820-5934	1	IC DCDR-DEMUXR CMOS/AC BIN 8-TO-1-LINE	36633	MC74AC138DR2
U403	1820-7332	1	IC DRVR TTL/F INV HEX	02910	N74F07D
U404	1820-7332	1	IC DRVR TTL/F INV HEX	02910	N74F07D
U405	1820-5800	1	IC GATE TTL/F NAND 8-INP	01698	SN74F30D
U406	1820-5945	1	IC GATE CMOS/AC NAND QUAD 2-INP	36633	MC74AC00D
U407	1820-6620	1	IC DRVR CMOS/ACL BUS OCTL	01698	74ACT11244DW
U408	1820-5934	1	IC DCDR-DEMUXR CMOS/AC BIN 8-TO-1-LINE	36633	MC74AC138DR2
U409	1820-5934	1	IC DCDR-DEMUXR CMOS/AC BIN 8-TO-1-LINE	36633	MC74AC138DR2
U410	1820-7733	1	IC DRVR CMOS/ACT LINE 16-BIT	01698	74ACT16244DL
U411	1820-7249	1	IC MUXR/DATA-SEL CMOS/AC 8-TO-1-LINE	02237	74AC251SCX.
U501	1826-2693	1	IC PWR MGT-V-REG-SWG 5 PINS PLSTC-D2PAK	10858	LT1170CQ
U502	1826-2693	1	IC PWR MGT-V-REG-SWG 5 PINS PLSTC-D2PAK	10858	LT1170CQ
U503	1826-2693	1	IC PWR MGT-V-REG-SWG 5 PINS PLSTC-D2PAK	10858	LT1170CQ
U504	1826-2146	1	IC OP AMP PRCN SINGLE 8 PIN PLSTC-SOIC	03285	OP-77GS
U505	1826-1687	1	IC PWR MGT-V-REF-FXD 9.95/10.05V 8 PINS	10858	LT1021DCS8-10
U506	1826-1872	1	IC PWR MGT-V-REG-ADJ-POS 4.975/5.025V 8	03406	LP2951ACM
U507	1826-3233	1	IC PWR MGT-V-REG-ADJ-NEG 8 PINS P-SOIC	10858	LT1175CS8
U508	1826-1528	1	IC COMPARATOR LP QUAD 14 PIN PLSTC-SOIC	03406	LM339M
U509	1820-5934	1	IC DCDR-DEMUXR CMOS/AC BIN 8-TO-1-LINE	36633	MC74AC138DR2
U510	1820-8486	1	IC FF CMOS/ACT D-TYPE POS-EDGE-TRIG COM	36633	MC74ACT273DWR2
U511	1820-8486	1	IC FF CMOS/ACT D-TYPE POS-EDGE-TRIG COM	36633	MC74ACT273DWR2
U512	1820-6620	1	IC DRVR CMOS/ACL BUS OCTL	01698	74ACT11244DW
U513	1826-2147	1	ANALOG MULTIPLEXER 8 CHNL 16 -P-SOIC	02883	DG408DY
U601	1820-5870	1	IC INV TTL/F HEX	01698	SN74F04D
U602	1820-5040	1	IC FF TTL/F D-TYPE POS-EDGE-TRIG	02910	74F74D
U603	E4400-80070	1	PLD U603	28480	E4400-80070
U604	1826-1619	1	D/A 8-BIT 20-PLCC CMOS	03285	AD7528JP
U605	1826-1622	1	IC OP AMP LOW-BIAS-H-IMPD QUAD 14 PIN	01698	TL074CD
U606	1813-0794	1	CLK-OSC-XTAL STD 14.31818-MHZ 0.01%	07919	1813-0794
U607	1821-0789	1	IC-FLAT PANEL VGA CONTROLLER	12410	F65510-A
U608	1820-4256	1	IC MV TTL/LS MONOSTBL RETRIG DUAL	01698	SN74LS123D
U609	1820-5937	1	IC FF CMOS/AC D-TYPE POS-EDGE-TRIG	02237	74AC74SC.

**Indicates factory-selected value*

HP Part Number E4423-60035
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
U610	1818-5155	1	DRAM 256KX16 80 NS SOJ FST-PG-M 5V	12334	MT4C16257DJ-8
U611	1826-3421	1	D/A 12-BIT 20-PLSTC-SSOP BPLR	03285	AD7948ARS-B
U612	1826-2981	1	IC OP AMP PRCN DUAL 8 PIN PLSTC-SOIC	10858	LT1124CS8
U613	1826-2145	1	ANALOG SWITCH 4 SPST 16 -P-SOIC	02883	DG413DY
U614	1826-2693	1	IC PWR MGT-V-REG-SWG 5 PINS PLSTC-D2PAK	10858	LT1170CQ
U615	1820-5934	1	IC DCDR-DEMUXR CMOS/AC BIN 8-TO-1-LINE	36633	MC74AC138DR2
U616	1820-7733	1	IC DRVR CMOS/ACT LINE 16-BIT	01698	74ACT16244DL
U617	1820-5800	1	IC GATE TTL/F NAND 8-INP	01698	SN74F30D
U618	1820-8486	1	IC FF CMOS/ACT D-TYPE POS-EDGE-TRIG COM	36633	MC74ACT273DWR2
U619	1820-5040	1	IC FF TTL/F D-TYPE POS-EDGE-TRIG	02910	74F74D
U620	1820-5936	1	IC GATE CMOS/AC OR QUAD 2-INP	36633	MC74AC32DR2
U621	1820-7246	1	IC CNTR CMOS/AC BIN SYNC/ASYNC	02237	74AC161SCX.
U622	1820-7246	1	IC CNTR CMOS/AC BIN SYNC/ASYNC	02237	74AC161SCX.
U701	1820-5945	1	IC GATE CMOS/AC NAND QUAD 2-INP	36633	MC74AC00D
U702	1820-5936	1	IC GATE CMOS/AC OR QUAD 2-INP	36633	MC74AC32DR2
U703	1820-8435	1	IC TRANSCEIVER TTL/F BUS OCTL	02910	74F652AD
U704	1820-8486	1	IC FF CMOS/ACT D-TYPE POS-EDGE-TRIG COM	36633	MC74ACT273DWR2
U705	1820-5937	1	IC FF CMOS/AC D-TYPE POS-EDGE-TRIG	02237	74AC74SC.
U706	1820-7244	1	IC SCHMITT-TRIG CMOS/AC INV HEX	02237	74AC14SCX.
U707	1821-1154	1	IC-ON-CHIP PROGRAM AND DATA MEMORY	03285	ADSP-2101-KP66
U708	1820-5934	1	IC DCDR-DEMUXR CMOS/AC BIN 8-TO-1-LINE	36633	MC74AC138DR2
U709	1820-5936	1	IC GATE CMOS/AC OR QUAD 2-INP	36633	MC74AC32DR2
U710	1820-8486	1	IC FF CMOS/ACT D-TYPE POS-EDGE-TRIG COM	36633	MC74ACT273DWR2
U712	1818-4218	1	IC 256K-BIT SRAM 100-NS CMOS	08779	M5M5256DFP-70LL
U713	1826-3000	1	IC AUDIO AMPL LOW-NOISE DUAL 8 PIN	03285	OP275GS
U714	1826-3000	1	IC AUDIO AMPL LOW-NOISE DUAL 8 PIN	03285	OP275GS
U715	1826-1925	1	IC OP AMP LOW-NOISE SINGLE 8 PIN	03285	OP-27GS
U716	1820-5937	1	IC FF CMOS/AC D-TYPE POS-EDGE-TRIG	02237	74AC74SC.
U717	1826-3245	1	A/D 12-BIT 24-P-SOIC CMOS	03285	AD7853AR
U718	1826-2722	1	D/A 12-BIT 16-P-SOIC CMOS	03285	AD11/2004-0
U719	1826-3000	1	IC AUDIO AMPL LOW-NOISE DUAL 8 PIN	03285	OP275GS
U720	1826-1872	1	IC PWR MGT-V-REG-ADJ-POS 4.975/5.025V 8	03406	LP2951ACM
XU106	1200-1557	1	SOCKET-IC-CHP-CARR 32-CONT PLCC GULL-WG	01380	822274-1
XU107	1200-1557	1	SOCKET-IC-CHP-CARR 32-CONT PLCC GULL-WG	01380	822274-1
Y101	0410-2153	1	CRYSTAL-QUARTZ 32.768 KHZ	09235	FSM-327

**Indicates factory-selected value*

HP Part Number E4423-60035
CPU/Motherboard (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
Y701	0410-2582	1	CRYSTAL-QUARTZ 16.0 MHZ	12768	MA-506 16.000M-B

**Indicates factory-selected value*

Component-Level Information Packet for E4400-60138

Daughterboard

HEWLETT PACKARD

HP Part No. E4400-90170
Printed in USA April 1998

Notice. The information contained in this document is subject to change without notice.

Hewlett-Packard makes no warranty of any kind with regard to this material, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Hewlett-Packard shall not be liable for errors contained herein or for incidental or consequential damages in connection with the furnishing, performance, or use of this material.

©Copyright Hewlett-Packard Company 1998
All Rights Reserved. Reproduction, adaptation, or translation without prior written permission is prohibited, except as allowed under the copyright laws.

HP Part Number E4400-60138
Daughterboard

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
J1	1252-6024	1	CONN-RECT MICRORBN 100-CKT 100-CONT	28480	1252-6024
J2	1250-0257	1	CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM	01380	413990-3
J3	1250-0257	1	CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM	01380	413990-3
J4	1250-0257	1	CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM	01380	413990-3
J5	1250-0257	1	CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM	01380	413990-3
J6	1250-0257	1	CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM	01380	413990-3
J7	1250-0257	1	CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM	01380	413990-3
J8	1250-0257	1	CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM	01380	413990-3
J9	1250-0257	1	CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM	01380	413990-3
J11	1251-5240	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1251-5240
J12	1251-5771	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1251-5771
J13	1251-5240	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1251-5240
J31	1251-5240	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1251-5240
J32	1251-5771	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1251-5771
J33	1251-5240	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1251-5240
J41	1251-5240	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1251-5240
J42	1251-5771	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1251-5771
J43	1251-5240	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	28480	1251-5240
MP3	5001-5594	1	FENCE GASKETING	28480	5001-5594
MP4	5001-5594	1	FENCE GASKETING	28480	5001-5594
MP5	5001-5594	1	FENCE GASKETING	28480	5001-5594

**Indicates factory-selected value*

Component-Level Information Packet for E4423-60021

Daughterboard

HEWLETT PACKARD

HP Part No. E4423-90004
Printed in USA September 1999

Notice. The information contained in this document is subject to change without notice.

Hewlett-Packard makes no warranty of any kind with regard to this material, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Hewlett-Packard shall not be liable for errors contained herein or for incidental or consequential damages in connection with the furnishing, performance, or use of this material.

©Copyright Hewlett-Packard Company 1999
All Rights Reserved. Reproduction, adaptation, or translation without prior written permission is prohibited, except as allowed under the copyright laws.

HP Part Number E4423-60021
Daughterboard

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
J1	1252-6024	1	CONN-RECT MICRORBN 100-CKT 100-CONT	01380	2-557102-5
J2	1250-2471	1	CONNECTOR-RF MCX,SM-SNP-ON FEMALE	01380	829558-3
J3	1250-2471	1	CONNECTOR-RF MCX,SM-SNP-ON FEMALE	01380	829558-3
J4	1250-2471	1	CONNECTOR-RF MCX,SM-SNP-ON FEMALE	01380	829558-3
J5	1250-2471	1	CONNECTOR-RF MCX,SM-SNP-ON FEMALE	01380	829558-3
J6	1250-2471	1	CONNECTOR-RF MCX,SM-SNP-ON FEMALE	01380	829558-3
J7	1250-0257	1	CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM	02788	5162-5021-09
J8	1250-2471	1	CONNECTOR-RF MCX,SM-SNP-ON FEMALE	01380	829558-3
J9	1250-2471	1	CONNECTOR-RF MCX,SM-SNP-ON FEMALE	01380	829558-3
J10	1250-2471	1	CONNECTOR-RF MCX,SM-SNP-ON FEMALE	01380	829558-3
J11	1251-5240	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	13369	67996-620
J12	1251-5771	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	13369	67996-630
J13	1251-5240	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	13369	67996-620
J14	1250-2471	1	CONNECTOR-RF MCX,SM-SNP-ON FEMALE	01380	829558-3
J31	1251-5240	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	13369	67996-620
J32	1251-5771	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	13369	67996-630
J33	1251-5240	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	13369	67996-620
J41	1251-5240	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	13369	67996-620
J42	1251-5771	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	13369	67996-630
J43	1251-5240	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	13369	67996-620
J51	1251-5240	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	13369	67996-620
J52	1251-5771	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	13369	67996-630
J53	1251-5240	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	13369	67996-620
MP3	5001-5594	1	MISC-ELECTRICAL MECHANICAL	09507	5001-5594
MP4	5001-5594	1	MISC-ELECTRICAL MECHANICAL	09507	5001-5594
MP5	5001-5594	1	MISC-ELECTRICAL MECHANICAL	09507	5001-5594
MP6	5001-5594	1	MISC-ELECTRICAL MECHANICAL	09507	5001-5594

**Indicates factory-selected value*

Component-Level Information Packet for E4400-60145

Rear Panel Interface (Options UN3, UN4, UN8, and UN9)

HEWLETT PACKARD

HP Part No. E4400-90242
Printed in USA April 1998

Notice. The information contained in this document is subject to change without notice.

Hewlett-Packard makes no warranty of any kind with regard to this material, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Hewlett-Packard shall not be liable for errors contained herein or for incidental or consequential damages in connection with the furnishing, performance, or use of this material.

©Copyright Hewlett-Packard Company 1998
All Rights Reserved. Reproduction, adaptation, or translation without prior written permission is prohibited, except as allowed under the copyright laws.

HP Part Number E4400-60145
Rear Panel Interface (Options UN3, UN4, UN8, and UN9)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C1	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C2	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C3	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C4	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C5	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C6	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C7	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C8	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C9	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C10	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C11	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C12	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C13	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C14	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C15	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C16	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
E1	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E2	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E3	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E4	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E5	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E6	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E7	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E8	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
J1	1250-1687	1	CONNECTOR-RF BNC FEMALE PC-W-STDFS	03206	28JR175-7
J2	1250-1687	1	CONNECTOR-RF BNC FEMALE PC-W-STDFS	03206	28JR175-7
J3	1250-1687	1	CONNECTOR-RF BNC FEMALE PC-W-STDFS	03206	28JR175-7
J4	1250-1687	1	CONNECTOR-RF BNC FEMALE PC-W-STDFS	03206	28JR175-7
J5	1250-1687	1	CONNECTOR-RF BNC FEMALE PC-W-STDFS	03206	28JR175-7
J6	1250-1687	1	CONNECTOR-RF BNC FEMALE PC-W-STDFS	03206	28JR175-7
J7	1250-1687	1	CONNECTOR-RF BNC FEMALE PC-W-STDFS	03206	28JR175-7
J8	1250-1687	1	CONNECTOR-RF BNC FEMALE PC-W-STDFS	03206	28JR175-7
J9	1251-8105	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	03206	66506-320
NONE	E4400-20145	1	BOARD-RP INT BNC	28480	E4400-20145

**Indicates factory-selected value*

Component-Level Information Packet for E4400-60146

Rear Panel Interface (Options 1EM/UN3, 1EM/UN4, 1EM/UN8, and 1EM/UN9)



HP Part No. E4400-90243
Printed in USA April 1998

Notice. The information contained in this document is subject to change without notice.

Hewlett-Packard makes no warranty of any kind with regard to this material, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Hewlett-Packard shall not be liable for errors contained herein or for incidental or consequential damages in connection with the furnishing, performance, or use of this material.

©Copyright Hewlett-Packard Company 1998
All Rights Reserved. Reproduction, adaptation, or translation without prior written permission is prohibited, except as allowed under the copyright laws.

HP Part Number E4400-60146
Rear Panel Interface (Options 1EM/UN3, 1EM/UN4, 1EM/UN8, and 1EM/UN9)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C1	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C2	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C3	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C4	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C5	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C6	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C7	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C8	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C9	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C10	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C11	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C12	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C13	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C14	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C15	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C16	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
E1	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E2	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E3	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E4	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E5	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E6	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E7	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E8	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
J1	1250-1611	1	CONNECTOR-RF SMB MALE SGL-HOLE-RR 50-OHM	05769	51-051-0289
J2	1250-1611	1	CONNECTOR-RF SMB MALE SGL-HOLE-RR 50-OHM	05769	51-051-0289
J3	1250-1611	1	CONNECTOR-RF SMB MALE SGL-HOLE-RR 50-OHM	05769	51-051-0289
J4	1250-1611	1	CONNECTOR-RF SMB MALE SGL-HOLE-RR 50-OHM	05769	51-051-0289
J5	1250-1611	1	CONNECTOR-RF SMB MALE SGL-HOLE-RR 50-OHM	05769	51-051-0289
J6	1250-1611	1	CONNECTOR-RF SMB MALE SGL-HOLE-RR 50-OHM	05769	51-051-0289
J7	1250-1611	1	CONNECTOR-RF SMB MALE SGL-HOLE-RR 50-OHM	05769	51-051-0289
J8	1250-1611	1	CONNECTOR-RF SMB MALE SGL-HOLE-RR 50-OHM	05769	51-051-0289
J9	1251-8105	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	03206	66506-320
NONE	E4400-20146	1	BOARD-RP INT SMB	28480	E4400-20146

**Indicates factory-selected value*

Component-Level Information Packet for E4400-60075

BER Rear Panel Interface (Option UN7)



HP Part No. E4400-90227
Printed in USA September 1999

Notice. The information contained in this document is subject to change without notice.

Hewlett-Packard makes no warranty of any kind with regard to this material, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Hewlett-Packard shall not be liable for errors contained herein or for incidental or consequential damages in connection with the furnishing, performance, or use of this material.

©Copyright Hewlett-Packard Company 1999
All Rights Reserved. Reproduction, adaptation, or translation without prior written permission is prohibited, except as allowed under the copyright laws.

HP Part Number E4400-60075
BER Rear Panel Interface (Option UN7)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C1	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C2	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C3	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C4	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C5	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C6	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C7	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C8	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C9	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C10	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
E1	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E2	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E3	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E4	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E5	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
J1	1250-1611	1	CONNECTOR-RF SMB MALE SGL-HOLE-RR 50-OHM	04486	51-051-0289
J2	1250-1611	1	CONNECTOR-RF SMB MALE SGL-HOLE-RR 50-OHM	04486	51-051-0289
J3	1250-1611	1	CONNECTOR-RF SMB MALE SGL-HOLE-RR 50-OHM	04486	51-051-0289
J4	1250-1611	1	CONNECTOR-RF SMB MALE SGL-HOLE-RR 50-OHM	04486	51-051-0289
J5	1250-1611	1	CONNECTOR-RF SMB MALE SGL-HOLE-RR 50-OHM	04486	51-051-0289
J6	8121-0041	1	CABLE ASSEMBLY 14 COND	07797	8121-0041

**Indicates factory-selected value*

Component-Level Information Packet for E4400-60200

Down Converter



HP Part No. E4400-90364
Printed in USA October 1999

Notice. The information contained in this document is subject to change without notice.

Hewlett-Packard makes no warranty of any kind with regard to this material, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Hewlett-Packard shall not be liable for errors contained herein or for incidental or consequential damages in connection with the furnishing, performance, or use of this material.

©Copyright Hewlett-Packard Company 1999
All Rights Reserved. Reproduction, adaptation, or translation without prior written permission is prohibited, except as allowed under the copyright laws.

HP Part Number E4400-60200
Down Converter

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C1	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C2	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C3	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C4	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C5	0180-4116	1	CAP-FXD 22uF +-20% 20 V TA	02010	TAJD226M020
C6	0160-6444	1	CAP-FXD 0.022uF +-10% 50 V CER X7R	10374	GRM40X7R223K50
C7	0160-6444	1	CAP-FXD 0.022uF +-10% 50 V CER X7R	10374	GRM40X7R223K50
C8	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C9	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C11	0160-7845	1	CAP-FXD 180pF +-5% 50 V CER C0G	02010	06035A181JAT
C14	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C15	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C16	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C18	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C19	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C20	0160-7848	1	CAP-FXD 2.7pF +-9.26% 50 V CER C0G	02010	06035A2R7CAT
C22	0160-7850	1	CAP-FXD 27pF +-5% 50 V CER C0G	02010	06035A270JAT
C23	0160-7850	1	CAP-FXD 27pF +-5% 50 V CER C0G	02010	06035A270JAT
C25	0160-7771	1	CAP-FXD 8.2pF +-3% 50 V CER C0G	13853	0603G8R2C500ST
C26	0160-7771	1	CAP-FXD 8.2pF +-3% 50 V CER C0G	13853	0603G8R2C500ST
C30	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C31	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C32	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C33	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C35	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C36	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C37	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C38	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C40	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C41	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C42	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C43	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C44	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C45	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C46	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT

**Indicates factory-selected value*

HP Part Number E4400-60200
Down Converter (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C47	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C48	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C50	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C51	0160-7736	1	CAP-FXD 1uF +-10% 16 V CER X7R	06352	C3216X7R1C105K
C52	0160-7736	1	CAP-FXD 1uF +-10% 16 V CER X7R	06352	C3216X7R1C105K
C53	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C54	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C55	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C56	0160-6444	1	CAP-FXD 0.022uF +-10% 50 V CER X7R	10374	GRM40X7R223K50
C57	0160-6444	1	CAP-FXD 0.022uF +-10% 50 V CER X7R	10374	GRM40X7R223K50
C59	0160-5950	1	CAP-FXD 470pF +-5% 50 V CER C0G	09939	GRM40COG471K050C
C60	0160-5950	1	CAP-FXD 470pF +-5% 50 V CER C0G	09939	GRM40COG471K050C
C554	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C555	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C556	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C557	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C558	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C559	0160-5944	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	02010	08055C473KAT A
C560	0160-5944	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	02010	08055C473KAT A
C561	0160-5944	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	02010	08055C473KAT A
C562	0160-5944	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	02010	08055C473KAT A
C563	0160-5944	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	02010	08055C473KAT A
C564	0160-7849	1	CAP-FXD 220pF +-5% 50 V CER C0G	02010	06035A221JAT
C565	0160-7849	1	CAP-FXD 220pF +-5% 50 V CER C0G	02010	06035A221JAT
C566	0160-7986	1	CAP-FXD 390pF +-5% 50 V CER C0G	06352	C1608COG1H391J
C567	0160-7986	1	CAP-FXD 390pF +-5% 50 V CER C0G	06352	C1608COG1H391J
C568	0160-5944	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	02010	08055C473KAT A
C569	0160-5944	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	02010	08055C473KAT A
C571	0160-7860	1	CAP-FXD 4.7pF +-5.31% 50 V CER C0G	02010	06035A4R7CAT
C572	0160-7860	1	CAP-FXD 4.7pF +-5.31% 50 V CER C0G	02010	06035A4R7CAT
C573	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C574	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C575	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C576	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C577	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT

**Indicates factory-selected value*

HP Part Number E4400-60200
Down Converter (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
CR1	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	02910	BAV99
CR2	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	02910	BAV99
CR3	1900-0202	1	DIODE-SCHOTTKY SM SIG	01542	1900-0202
FL1	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL3	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL4	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL7	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL10	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL11	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL12	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL13	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL14	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL15	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL16	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL17	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL18	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL19	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL20	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL21	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL22	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL23	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL25	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL26	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL27	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL28	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL29	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL30	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
J1	1250-2471	1	CONNECTOR-RF MCX,SM-SNP-ON FEMALE	01380	829558-3
J2	1250-2471	1	CONNECTOR-RF MCX,SM-SNP-ON FEMALE	01380	829558-3
J3	1250-2471	1	CONNECTOR-RF MCX,SM-SNP-ON FEMALE	01380	829558-3
L1	9140-1803	1	INDUCTOR 12.5nH +5% -5%	01886	A04T
L2	9140-1803	1	INDUCTOR 12.5nH +5% -5%	01886	A04T
L6	9140-1803	1	INDUCTOR 12.5nH +5% -5%	01886	A04T
L9	9140-1530	1	INDUCTOR 5.6uH +-5% 2.8W-mmX3.4LG-mm	06352	NL322522-5R6J-3
L10	9140-1244	1	INDUCTOR 1mH +-5% 3.4W-mmX4.8LG-mm Q=30	08709	ELJ-FB102JE

**Indicates factory-selected value*

HP Part Number E4400-60200
Down Converter (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
L11	9140-1244	1	INDUCTOR 1mH +-5% 3.4W-mmX4.8LG-mm Q=30	08709	ELJ-FB102JE
L12	9140-1101	1	INDUCTOR 470nH +-5% 2.8W-mmX3.4LG-mm	09891	KL32TER47J
L13	9140-1458	1	INDUCTOR 3.3uH +-5% 2.8W-mmX3.4LG-mm	06352	NL322522T-3R3J
L14	9140-1458	1	INDUCTOR 3.3uH +-5% 2.8W-mmX3.4LG-mm	06352	NL322522T-3R3J
L15	9140-1596	1	INDUCTOR 22uH +-5% 2.8W-mmX3.4LG-mm Q=30	06352	NL322522T-220J
L16	9140-1425	1	INDUCTOR 270nH +-5% 2.8W-mmX3.4LG-mm	06352	NL322522T-R27J
MP3	E4423-20101	1	YTO DRIVER BASE	28480	E4423-20101
MP4	E4423-20102	1	YTO DRIVER LID	28480	E4423-20102
MP5	8160-0448	5	RFI ROUND STRIP BE-CU SN-PL .062-IN-OD	10840	SS-04
MP6	5022-2873	1	SHIELD COVER	28480	5022-2873
MP7	5022-2873	1	SHIELD COVER	28480	5022-2873
MP8	5022-2873	1	SHIELD COVER	28480	5022-2873
MP9	5022-2872	1	EMI RFI SHLD MAT	09507	5022-2872
MP10	5022-2872	1	EMI RFI SHLD MAT	09507	5022-2872
MP11	5022-2872	1	EMI RFI SHLD MAT	09507	5022-2872
MP12	0515-1410	1	SCREW-MACHINE ASSEMBLY M3 X 0.5 20MM-LG	05610	0515-1410
MP13	0515-1410	1	SCREW-MACHINE ASSEMBLY M3 X 0.5 20MM-LG	05610	0515-1410
MP14	0515-1410	1	SCREW-MACHINE ASSEMBLY M3 X 0.5 20MM-LG	05610	0515-1410
MP15	0515-1410	1	SCREW-MACHINE ASSEMBLY M3 X 0.5 20MM-LG	05610	0515-1410
MP16	0515-1410	1	SCREW-MACHINE ASSEMBLY M3 X 0.5 20MM-LG	05610	0515-1410
MP17	0515-1410	1	SCREW-MACHINE ASSEMBLY M3 X 0.5 20MM-LG	05610	0515-1410
MP18	0515-1410	1	SCREW-MACHINE ASSEMBLY M3 X 0.5 20MM-LG	05610	0515-1410
MP19	0515-1410	1	SCREW-MACHINE ASSEMBLY M3 X 0.5 20MM-LG	05610	0515-1410
MP20	0515-1410	1	SCREW-MACHINE ASSEMBLY M3 X 0.5 20MM-LG	05610	0515-1410
MP21	0515-0372	1	SCREW-MACHINE ASSEMBLY M3 X 0.5 8MM-LG	05610	0515-0372
MP22	E4423-00001	1	YIG SHIELD BRCKT	28480	E4423-00001
MP23	0515-1227	1	SCREW-MACH M3 X 0.5 6MM-LG 90-DEG-FLH-HD	05610	0515-1227
MP24	0515-1227	1	SCREW-MACH M3 X 0.5 6MM-LG 90-DEG-FLH-HD	05610	0515-1227
MP25	0515-1227	1	SCREW-MACH M3 X 0.5 6MM-LG 90-DEG-FLH-HD	05610	0515-1227
MP26	0515-1227	1	SCREW-MACH M3 X 0.5 6MM-LG 90-DEG-FLH-HD	05610	0515-1227
NONE	0515-1227	1	SCREW-MACH M3 X 0.5 6MM-LG 90-DEG-FLH-HD	05610	0515-1227
NONE	E4400-20200	1		28480	E4400-20200
P1	1251-8823	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	04726	2514-6002UB
P2	1251-4670	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	13369	68000-603
R1	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	09891	RK73H1J1003F

**Indicates factory-selected value*

HP Part Number E4400-60200
Down Converter (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R2	0699-3982	1	RESISTOR 31.6K +-1% .063W TKF TC=0+-200	09891	RK73H1J3162F
R3	0699-3982	1	RESISTOR 31.6K +-1% .063W TKF TC=0+-200	09891	RK73H1J3162F
R4	0699-3982	1	RESISTOR 31.6K +-1% .063W TKF TC=0+-200	09891	RK73H1J3162F
R5	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R6	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	09891	RK73H1J5111F
R7	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	09891	RK73H1J5111F
R8	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	09891	RK73H1J5111F
R9	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	09891	RK73H1J5111F
R10	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	09891	RK73H1J5111F
R11	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R12	0699-3959	1	RESISTOR 3.16K +-1% .063W TKF TC=0+-200	00746	MCR03-F-3161
R13	0699-3959	1	RESISTOR 3.16K +-1% .063W TKF TC=0+-200	00746	MCR03-F-3161
R14	0699-3959	1	RESISTOR 3.16K +-1% .063W TKF TC=0+-200	00746	MCR03-F-3161
R16	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R17	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R18	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R19	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R20	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R21	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R22	0699-3955	1	RESISTOR 2.15K +-1% .063W TKF TC=0+-200	09891	RK73H1J2151F
R23	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R24	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R25	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R26	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R27	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R28	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R29	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R30	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R31	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R32	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R33	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	09891	RK73H1J5111F
R34	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R35	0699-3929	1	RESISTOR 162 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1620
R36	0699-3929	1	RESISTOR 162 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1620
R37	0699-3929	1	RESISTOR 162 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1620

**Indicates factory-selected value*

HP Part Number E4400-60200
Down Converter (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R38	0699-3929	1	RESISTOR 162 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1620
R39	0699-3929	1	RESISTOR 162 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1620
R40	0699-3929	1	RESISTOR 162 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1620
R41	0699-3929	1	RESISTOR 162 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1620
R42	0699-3929	1	RESISTOR 162 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1620
R43	0699-3929	1	RESISTOR 162 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1620
R44	0699-3929	1	RESISTOR 162 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1620
R45	0699-3929	1	RESISTOR 162 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1620
R46	0699-3929	1	RESISTOR 162 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1620
R47	0699-3929	1	RESISTOR 162 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1620
R48	0699-3936	1	RESISTOR 316 +-1% .063W TKF TC=0+-200	00746	MCR03-F-3160
R49	0699-3921	1	RESISTOR 75 +-1% .063W TKF TC=0+-200	00746	MCR03-F-75R0
R50	0699-3921	1	RESISTOR 75 +-1% .063W TKF TC=0+-200	00746	MCR03-F-75R0
R52	0699-3928	1	RESISTOR 147 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1470
R53	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R54	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R55	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R58	0699-3919	1	RESISTOR 61.9 +-1% .063W TKF TC=0+-200	05524	CRCW060361R9F
R59	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R60	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R61	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R62	0699-3921	1	RESISTOR 75 +-1% .063W TKF TC=0+-200	00746	MCR03-F-75R0
R63	0699-3934	1	RESISTOR 261 +-1% .063W TKF TC=0+-200	09891	RK73H1J2610F
R65	0699-3921	1	RESISTOR 75 +-1% .063W TKF TC=0+-200	00746	MCR03-F-75R0
R66	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R67	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R68	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R69	0699-3915	1	RESISTOR 38.3 +-1% .063W TKF TC=0+-200	09891	RK73H1J38R3F
R70	0699-3903	1	RESISTOR 12.1 +-1% .063W TKF TC=0+-200	09891	RK7H1J12R1F
R71	0699-3915	1	RESISTOR 38.3 +-1% .063W TKF TC=0+-200	09891	RK73H1J38R3F
R72	0699-3915	1	RESISTOR 38.3 +-1% .063W TKF TC=0+-200	09891	RK73H1J38R3F
R73	0699-3914	1	RESISTOR 34.8 +-1% .063W TKF TC=0+-200	00746	MCR03-F-34R8
R74	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R76	0699-3961	1	RESISTOR 3.83K +-1% .063W TKF TC=0+-200	09891	RK73H1J3831F
R77	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001

**Indicates factory-selected value*

HP Part Number E4400-60200
Down Converter (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R78	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R79	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R80	0699-3929	1	RESISTOR 162 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1620
R81	0699-3929	1	RESISTOR 162 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1620
R82	0699-3929	1	RESISTOR 162 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1620
R83	0699-3929	1	RESISTOR 162 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1620
R84	0699-3929	1	RESISTOR 162 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1620
R85	0699-3929	1	RESISTOR 162 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1620
R86	0699-3928	1	RESISTOR 147 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1470
R87	0699-3935	1	RESISTOR 287 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2870
R88	0699-3935	1	RESISTOR 287 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2870
R89	0699-3907	1	RESISTOR 17.8 +-1% .063W TKF TC=0+-200	09891	RK73H1J17R8F
R90	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R91	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R93	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R98	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	09891	RK73H1J5111F
R99	0699-3959	1	RESISTOR 3.16K +-1% .063W TKF TC=0+-200	00746	MCR03-F-3161
R100	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	09891	RK73H1J1003F
R101	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R102	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R103	0699-3913	1	RESISTOR 31.6 +-1% .063W TKF TC=0+-200	09891	RK73H1J31R6F
R104	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
U15	1820-5938	1	IC GATE CMOS/ACT NAND QUAD 2-INP	01698	SN74ACT00D
U16	1826-3527	1	IC FREQ-SYNTH HS 28 PIN PLSTC-SSOP	03285	AD9850BRS
U18	1826-1950	1	IC COMPARATOR HS SINGLE 8 PIN PLSTC-SOIC	10858	LT1016CS8
U19	1826-1950	1	IC COMPARATOR HS SINGLE 8 PIN PLSTC-SOIC	10858	LT1016CS8
U21	1826-2133	1	IC RF/IF AMPL WB 4 PIN U-WAVE-PILL	01542	MSA-1105
U22	1826-2133	1	IC RF/IF AMPL WB 4 PIN U-WAVE-PILL	01542	MSA-1105
U23	1826-2133	1	IC RF/IF AMPL WB 4 PIN U-WAVE-PILL	01542	MSA-1105
U24	1826-1872	1	IC PWR MGT-V-REG-ADJ-POS 4.975/5.025V 8	03406	LP2951ACM
U25	1826-1872	1	IC PWR MGT-V-REG-ADJ-POS 4.975/5.025V 8	03406	LP2951ACM
U26	1826-1862	1	IC OP AMP LOW-BIAS-H-IMPD DUAL 8 PIN	04078	TL072CD
U27	1826-1572	1	IC COMPARATOR PRCN DUAL 8 PIN PLSTC-SOIC	02910	LM393D
U28	1821-4233	1	IC PRESCR ECL	02037	MC12052AD
U29	1820-6752	1	IC-ASIC GT-ARY CMOS 6206 PLCC	03406	SCX6206TQM/V2

**Indicates factory-selected value*

HP Part Number E4400-60200
Down Converter (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
U30	1820-6473	1	IC FF CMOS/ACT D-TYPE POS-EDGE-TRIG	02237	74ACT74SCX.
U31	1818-5236	1	IC 4K-BIT EEPROM 500-NS CMOS	04078	M93C66-MN6
U32	1826-2910	1	IC PWR MGT-V-REG-ADJ-POS 3 PINS PLASTIC	10858	LT1086CM
U33	1813-1437	1	OSCILLATOR-CRYSTAL VCO; 250-350 MHz	16936	LN113MMS
W1	1258-0209	1	JUMPER-REMOVABLE 2 POSITION; .250 IN	01380	382811-6
Z1	0955-0795	1	U-WAVE MIXER 1.2 GHZ MAX	02739	JMS-2W

**Indicates factory-selected value*

Component-Level Information Packet for E4400-60199

Demodulator



HP Part No. E4400-90352
Printed in USA October 1999

Notice. The information contained in this document is subject to change without notice.

Hewlett-Packard makes no warranty of any kind with regard to this material, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Hewlett-Packard shall not be liable for errors contained herein or for incidental or consequential damages in connection with the furnishing, performance, or use of this material.

©Copyright Hewlett-Packard Company 1999
All Rights Reserved. Reproduction, adaptation, or translation without prior written permission is prohibited, except as allowed under the copyright laws.

HP Part Number E4400-60199
Demodulator

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C19	0180-3755	1	CAP-FXD 33uF +-20% 10 V TA	02010	TAJD336M010
C20	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C21	0180-4577	1	CAP-FXD 10uF +-20% 10 V TA	12340	T491B106M010AS
C58	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C59	0160-6734	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	02010	12065C473KAT A
C119	0160-7387	1	CAP-FXD 200pF +-5% 50 V CER C0G	06352	C2012C0G1H201JT
C149	0160-7387	1	CAP-FXD 200pF +-5% 50 V CER C0G	06352	C2012C0G1H201JT
C150	0160-7382	1	CAP-FXD 91pF +-5% 50 V CER C0G	06352	C2012C0G1H910JT
C160	0160-5975	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	08055A100JAT A
C161	0160-5975	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	08055A100JAT A
C164	0180-4758	1	CAP-FXD 47uF +-20% 20 V TA	12340	T491D476M020AS
C165	0180-4758	1	CAP-FXD 47uF +-20% 20 V TA	12340	T491D476M020AS
C167	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C168	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C169	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C170	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C171	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C172	0180-3755	1	CAP-FXD 33uF +-20% 10 V TA	02010	TAJD336M010
C173	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C174	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C175	0160-7861	1	CAP-FXD 47pF +-5% 50 V CER C0G	02010	06035A470JAT
C177	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C178	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C179	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C180	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C181	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C182	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C183	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C184	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C185	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C186	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C187	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C188	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C189	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C190	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT

**Indicates factory-selected value*

HP Part Number E4400-60199
Demodulator (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C191	0160-7841	1	CAP-FXD 15pF +-5% 50 V CER C0G	02010	06035A150JAT
C192	0160-7841	1	CAP-FXD 15pF +-5% 50 V CER C0G	02010	06035A150JAT
C193	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C194	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C195	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C196	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C197	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C198	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C199	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C200	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C201	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C202	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C203	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C204	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C205	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C206	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C207	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C208	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C209	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C210	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C211	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C212	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C213	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C214	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C215	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C216	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C217	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C218	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C219	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C220	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C221	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C222	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C223	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C224	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C225	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K

**Indicates factory-selected value*

HP Part Number E4400-60199
Demodulator (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C226	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C227	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C228	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C229	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C230	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C231	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C232	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C233	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C234	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C235	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C236	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C237	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C238	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C239	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C240	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C242	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C243	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C244	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C245	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C246	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C247	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C248	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C249	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C250	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C251	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C252	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C253	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C254	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C255	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C256	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C257	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C258	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C259	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C260	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C261	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K

**Indicates factory-selected value*

HP Part Number E4400-60199
Demodulator (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C262	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C263	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C264	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C265	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C266	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C267	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C268	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C269	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C270	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C271	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C272	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C273	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C274	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C275	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C276	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C277	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C278	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C279	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C280	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C281	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C282	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C283	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C284	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C285	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C286	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C287	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C288	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C289	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C292	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C293	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C294	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C295	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C296	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C297	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C298	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K

**Indicates factory-selected value*

HP Part Number E4400-60199
Demodulator (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C299	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C300	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C301	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C302	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C303	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C304	0160-7749	1	CAP-FXD 22pF +-5% 50 V CER C0G	06352	C1608C0G1H220JT8P
C305	0160-7749	1	CAP-FXD 22pF +-5% 50 V CER C0G	06352	C1608C0G1H220JT8P
C306	0160-7749	1	CAP-FXD 22pF +-5% 50 V CER C0G	06352	C1608C0G1H220JT8P
C307	0160-7749	1	CAP-FXD 22pF +-5% 50 V CER C0G	06352	C1608C0G1H220JT8P
C308	0160-7749	1	CAP-FXD 22pF +-5% 50 V CER C0G	06352	C1608C0G1H220JT8P
C309	0160-7749	1	CAP-FXD 22pF +-5% 50 V CER C0G	06352	C1608C0G1H220JT8P
C310	0160-7333	1	CAP-FXD 0.068uF +-10% 50 V CER X7R	06352	C3216X7R1H683KT
C311	0160-7333	1	CAP-FXD 0.068uF +-10% 50 V CER X7R	06352	C3216X7R1H683KT
C315	0160-5967	1	CAP-FXD 100pF +-5% 50 V CER C0G	09939	GRM40-001C0G101J050C
C317	0160-5469	1	CAP-FXD 1uF +-10% 50 V POLYE-MET	05524	MKT 1826-1UF 10% 63VDC
C318	0160-5469	1	CAP-FXD 1uF +-10% 50 V POLYE-MET	05524	MKT 1826-1UF 10% 63VDC
C319	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C320	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C321	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C322	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C323	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C325	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C326	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C327	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C328	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C329	0180-4577	1	CAP-FXD 10uF +-20% 10 V TA	12340	T491B106M010AS
C330	0180-4577	1	CAP-FXD 10uF +-20% 10 V TA	12340	T491B106M010AS
C331	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C332	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C333	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C335	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C336	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C337	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C339	0160-7828	1	CAP-FXD 0.1uF +-10% 16 V CER X7R	02010	0603YC104KATA
CR13	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16

**Indicates factory-selected value*

HP Part Number E4400-60199
Demodulator (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
CR15	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR16	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR17	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR18	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR19	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR20	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR21	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR22	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	02910	BAV99
CR23	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	02910	BAV99
CR24	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	02910	BAV99
CR25	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	02910	BAV99
CR26	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	02910	BAV99
CR27	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	02910	BAV99
CR28	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	02910	BAV99
CR29	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	02910	BAV99
CR30	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	02910	BAV99
CR31	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	02910	BAV99
CR32	1906-0291	1	DIODE-DUAL 70V 100MA T0-236AA	02910	BAV99
CR33	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR34	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR35	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR36	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
DS1	1990-1716	1	LED-LAMP LUM-INT=1.6MCD IF=20MA-MAX	01542	HSMY-C670
DS2	1990-1716	1	LED-LAMP LUM-INT=1.6MCD IF=20MA-MAX	01542	HSMY-C670
DS3	1990-1716	1	LED-LAMP LUM-INT=1.6MCD IF=20MA-MAX	01542	HSMY-C670
DS4	1990-1716	1	LED-LAMP LUM-INT=1.6MCD IF=20MA-MAX	01542	HSMY-C670
DS5	1990-1716	1	LED-LAMP LUM-INT=1.6MCD IF=20MA-MAX	01542	HSMY-C670
DS6	1990-1716	1	LED-LAMP LUM-INT=1.6MCD IF=20MA-MAX	01542	HSMY-C670
DS7	1990-1716	1	LED-LAMP LUM-INT=1.6MCD IF=20MA-MAX	01542	HSMY-C670
DS8	1990-1716	1	LED-LAMP LUM-INT=1.6MCD IF=20MA-MAX	01542	HSMY-C670
E1	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E2	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E3	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E4	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E5	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513

**Indicates factory-selected value*

HP Part Number E4400-60199
Demodulator (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
E6	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E7	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E8	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E9	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E10	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E11	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E12	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E13	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E14	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E15	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E16	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E17	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E18	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
FL1	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL2	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL3	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL4	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL5	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL6	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
J1	1460-2594	1	CONNECTOR-SGL CONT SPR .01-IN-BSC-SZ REC	12965	TP-108
J2	1460-2594	1	CONNECTOR-SGL CONT SPR .01-IN-BSC-SZ REC	12965	TP-108
J3	1460-2594	1	CONNECTOR-SGL CONT SPR .01-IN-BSC-SZ REC	12965	TP-108
J4	1460-2594	1	CONNECTOR-SGL CONT SPR .01-IN-BSC-SZ REC	12965	TP-108
J5	1460-2594	1	CONNECTOR-SGL CONT SPR .01-IN-BSC-SZ REC	12965	TP-108
J6	1460-2594	1	CONNECTOR-SGL CONT SPR .01-IN-BSC-SZ REC	12965	TP-108
J7	1460-2594	1	CONNECTOR-SGL CONT SPR .01-IN-BSC-SZ REC	12965	TP-108
J8	1460-2594	1	CONNECTOR-SGL CONT SPR .01-IN-BSC-SZ REC	12965	TP-108
J9	1460-2594	1	CONNECTOR-SGL CONT SPR .01-IN-BSC-SZ REC	12965	TP-108
J10	1460-2594	1	CONNECTOR-SGL CONT SPR .01-IN-BSC-SZ REC	12965	TP-108
J11	1460-2594	1	CONNECTOR-SGL CONT SPR .01-IN-BSC-SZ REC	12965	TP-108
J12	1460-2594	1	CONNECTOR-SGL CONT SPR .01-IN-BSC-SZ REC	12965	TP-108
J13	1460-2594	1	CONNECTOR-SGL CONT SPR .01-IN-BSC-SZ REC	12965	TP-108
J14	1460-2594	1	CONNECTOR-SGL CONT SPR .01-IN-BSC-SZ REC	12965	TP-108
J15	1460-2594	1	CONNECTOR-SGL CONT SPR .01-IN-BSC-SZ REC	12965	TP-108
J16	1460-2594	1	CONNECTOR-SGL CONT SPR .01-IN-BSC-SZ REC	12965	TP-108

**Indicates factory-selected value*

HP Part Number E4400-60199
Demodulator (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
J17	1460-2594	1	CONNECTOR-SGL CONT SPR .01-IN-BSC-SZ REC	12965	TP-108
J18	1460-2594	1	CONNECTOR-SGL CONT SPR .01-IN-BSC-SZ REC	12965	TP-108
J19	1460-2594	1	CONNECTOR-SGL CONT SPR .01-IN-BSC-SZ REC	12965	TP-108
J20	1460-2594	1	CONNECTOR-SGL CONT SPR .01-IN-BSC-SZ REC	12965	TP-108
J21	1460-2594	1	CONNECTOR-SGL CONT SPR .01-IN-BSC-SZ REC	12965	TP-108
J22	1460-2594	1	CONNECTOR-SGL CONT SPR .01-IN-BSC-SZ REC	12965	TP-108
J23	1460-2594	1	CONNECTOR-SGL CONT SPR .01-IN-BSC-SZ REC	12965	TP-108
K1	0490-1828	1	RELAY 2C 5VDC-COIL 2A 30VDC	01850	TQ2SA-5V
K2	0490-1828	1	RELAY 2C 5VDC-COIL 2A 30VDC	01850	TQ2SA-5V
L3	9140-1107	1	INDUCTOR 2.2uH +-5% 3.4W-mmX4.8LG-mm	06352	NL453232-2R2J-3
L4	9140-1422	1	INDUCTOR 1.8uH +-5% 3.4W-mmX4.8LG-mm	06352	NL453232-1R8J-3
L5	9140-1105	1	INDUCTOR 1uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-1R0J-3
L11	9140-1113	1	INDUCTOR 10uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-100J-3
L12	9140-1104	1	INDUCTOR 820nH +-5% 2.8W-mmX3.4LG-mm	09891	KL32TER82J
L13	9140-1104	1	INDUCTOR 820nH +-5% 2.8W-mmX3.4LG-mm	09891	KL32TER82J
L14	9140-1104	1	INDUCTOR 820nH +-5% 2.8W-mmX3.4LG-mm	09891	KL32TER82J
MP2	E4400-00038	1	FENCE-BENT	28480	E4400-00038
MP3	E4400-00039	1	LID SHIELD	28480	E4400-00039
MP4	5040-6843	1	EXTRACTOR RING	28480	5040-6843
MP5	5000-9043	1	EXTR PIN .062 BD	28480	5000-9043
MP6	1258-0209	1	JUMPER-REMOVABLE 2 POSITION; .250 IN	01380	382811-6
NONE	E4400-20199	1		28480	E4400-20199
P1	1252-5906	1	CONN-RECT MICRORBN 100-CKT 100-CONT	01380	2-557101-5
P2	1252-1609	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	13369	69155-116
P3	1252-2403	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	04726	2524-5002UB
P4	1252-1920	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	04726	2510-5002UB
P5	1252-1920	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	04726	2510-5002UB
P6	1252-1609	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	13369	69155-116
P7	1250-1377	1	CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM	01380	1046254-1
P8	1250-1377	1	CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM	01380	1046254-1
P9	1250-1377	1	CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM	01380	1046254-1
P10	1250-1377	1	CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM	01380	1046254-1
P11	1250-1377	1	CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM	01380	1046254-1
P12	1250-1377	1	CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM	01380	1046254-1
P13	1250-1377	1	CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM	01380	1046254-1

**Indicates factory-selected value*

HP Part Number E4400-60199
Demodulator (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
P15	1251-4700	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	13369	68015-603
P16	1250-1377	1	CONNECTOR-RF SMB MALE PC-W-STDFS 50-OHM	01380	1046254-1
P17	1251-4670	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	13369	68000-603
Q10	1853-0580	1	TRANSISTOR PNP SI SOT-23 (TO-236AB)	36633	MMBT4403LT1
Q11	1854-1037	1	TRANSISTOR NPN SI TO-236AA PD=350MW	36633	MMBT3904LT1
Q12	1853-0580	1	TRANSISTOR PNP SI SOT-23 (TO-236AB)	36633	MMBT4403LT1
Q13	1854-1037	1	TRANSISTOR NPN SI TO-236AA PD=350MW	36633	MMBT3904LT1
R1	0699-1318	1	RESISTOR 1K +-1% .125W TKF TC=0+-100	00746	MCR18-F-1001
R19	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	05524	CRCW12061002F
R34	0699-1415	1	RESISTOR 100 +-1% .125W TKF TC=0+-100	05524	CRCW12061000F
R35	0699-1361	1	RESISTOR 51.1 +-1% .125W TKF TC=0+-100	05524	CRCW120651R1F
R36	0699-1437	1	RESISTOR 825 +-1% .125W TKF TC=0+-100	00746	MCR18-F-8250
R37	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	05524	CRCW12061002F
R38	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	05524	CRCW12061002F
R39	0699-1377	1	RESISTOR 2.37K +-1% .125W TKF TC=0+-100	09891	RK73H2BT2371F
R40	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	05524	CRCW12061002F
R41	0699-1375	1	RESISTOR 1.96K +-1% .125W TKF TC=0+-100	09891	RK73H2BT1961F
R42	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	05524	CRCW12061002F
R43	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	05524	CRCW12061002F
R44	0699-1377	1	RESISTOR 2.37K +-1% .125W TKF TC=0+-100	09891	RK73H2BT2371F
R46	0699-1375	1	RESISTOR 1.96K +-1% .125W TKF TC=0+-100	09891	RK73H2BT1961F
R51	0699-1318	1	RESISTOR 1K +-1% .125W TKF TC=0+-100	00746	MCR18-F-1001
R75	0699-1420	1	RESISTOR 162 +-1% .125W TKF TC=0+-100	00746	MCR18-F-1620
R100	0699-2840	1	RESISTOR 2.5K +-0.1% .125W TF TC=0+-25	02499	W1206R032501BT
R103	0699-2491	1	RESISTOR 20K +-0.1% .125W TF TC=0+-25	02499	W1206R032002BT
R104	0699-2483	1	RESISTOR 4K +-0.1% .125W TF TC=0+-25	02499	W1206R034001BT
R106	0699-2491	1	RESISTOR 20K +-0.1% .125W TF TC=0+-25	02499	W1206R032002BT
R107	0699-2483	1	RESISTOR 4K +-0.1% .125W TF TC=0+-25	02499	W1206R034001BT
R109	0699-2840	1	RESISTOR 2.5K +-0.1% .125W TF TC=0+-25	02499	W1206R032501BT
R110	0699-1330	1	RESISTOR 100K +-1% .125W TKF TC=0+-100	00746	MCR18-F-1003
R111	0699-4016	1	RESISTOR 1M +-1% .063W TKF TC=0+-200	00746	MCR03-F-1004
R112	0699-4014	1	RESISTOR 825K +-1% .063W TKF TC=0+-200	09891	RK73H1J8253F
R113	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R114	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R115	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F

**Indicates factory-selected value*

HP Part Number E4400-60199
Demodulator (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R116	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R117	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R118	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R119	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R120	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R121	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R122	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R123	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R124	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R125	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R126	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R127	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R128	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R129	0699-3940	1	RESISTOR 464 +-1% .063W TKF TC=0+-200	09891	RK73H1J4640F
R130	0699-3940	1	RESISTOR 464 +-1% .063W TKF TC=0+-200	09891	RK73H1J4640F
R131	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R132	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R133	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R134	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R135	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R136	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R137	0699-3913	1	RESISTOR 31.6 +-1% .063W TKF TC=0+-200	09891	RK73H1J31R6F
R138	0699-3913	1	RESISTOR 31.6 +-1% .063W TKF TC=0+-200	09891	RK73H1J31R6F
R139	0699-3913	1	RESISTOR 31.6 +-1% .063W TKF TC=0+-200	09891	RK73H1J31R6F
R140	0699-3913	1	RESISTOR 31.6 +-1% .063W TKF TC=0+-200	09891	RK73H1J31R6F
R141	0699-3913	1	RESISTOR 31.6 +-1% .063W TKF TC=0+-200	09891	RK73H1J31R6F
R142	0699-3913	1	RESISTOR 31.6 +-1% .063W TKF TC=0+-200	09891	RK73H1J31R6F
R143	0699-3913	1	RESISTOR 31.6 +-1% .063W TKF TC=0+-200	09891	RK73H1J31R6F
R144	0699-3913	1	RESISTOR 31.6 +-1% .063W TKF TC=0+-200	09891	RK73H1J31R6F
R145	0699-3913	1	RESISTOR 31.6 +-1% .063W TKF TC=0+-200	09891	RK73H1J31R6F
R146	0699-3913	1	RESISTOR 31.6 +-1% .063W TKF TC=0+-200	09891	RK73H1J31R6F
R147	0699-3913	1	RESISTOR 31.6 +-1% .063W TKF TC=0+-200	09891	RK73H1J31R6F
R148	0699-3913	1	RESISTOR 31.6 +-1% .063W TKF TC=0+-200	09891	RK73H1J31R6F
R150	0699-3913	1	RESISTOR 31.6 +-1% .063W TKF TC=0+-200	09891	RK73H1J31R6F
R151	0699-3913	1	RESISTOR 31.6 +-1% .063W TKF TC=0+-200	09891	RK73H1J31R6F

**Indicates factory-selected value*

HP Part Number E4400-60199
Demodulator (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R152	0699-3913	1	RESISTOR 31.6 +-1% .063W TKF TC=0+-200	09891	RK73H1J31R6F
R153	0699-3913	1	RESISTOR 31.6 +-1% .063W TKF TC=0+-200	09891	RK73H1J31R6F
R154	0699-3913	1	RESISTOR 31.6 +-1% .063W TKF TC=0+-200	09891	RK73H1J31R6F
R155	0699-3913	1	RESISTOR 31.6 +-1% .063W TKF TC=0+-200	09891	RK73H1J31R6F
R156	0699-3913	1	RESISTOR 31.6 +-1% .063W TKF TC=0+-200	09891	RK73H1J31R6F
R157	0699-1785	1	RESISTOR 13.3K +-1% .125W TKF TC=0+-100	05524	CRCW12061332F
R158	0699-1503	1	RESISTOR 0 CWM	05524	CRCW1206000
R159	0699-1432	1	RESISTOR 511 +-1% .125W TKF TC=0+-100	00746	MCR18-F-5110
R160	0699-1432	1	RESISTOR 511 +-1% .125W TKF TC=0+-100	00746	MCR18-F-5110
R161	0699-1432	1	RESISTOR 511 +-1% .125W TKF TC=0+-100	00746	MCR18-F-5110
R162	0699-1432	1	RESISTOR 511 +-1% .125W TKF TC=0+-100	00746	MCR18-F-5110
R163	0699-1432	1	RESISTOR 511 +-1% .125W TKF TC=0+-100	00746	MCR18-F-5110
R164	0699-1432	1	RESISTOR 511 +-1% .125W TKF TC=0+-100	00746	MCR18-F-5110
R165	0699-1432	1	RESISTOR 511 +-1% .125W TKF TC=0+-100	00746	MCR18-F-5110
R166	0699-1432	1	RESISTOR 511 +-1% .125W TKF TC=0+-100	00746	MCR18-F-5110
R167	0699-1431	1	RESISTOR 464 +-1% .125W TKF TC=0+-100	05524	CRCW12064640F
R170	0699-1415	1	RESISTOR 100 +-1% .125W TKF TC=0+-100	05524	CRCW12061000F
R171	0699-1415	1	RESISTOR 100 +-1% .125W TKF TC=0+-100	05524	CRCW12061000F
R172	0699-1415	1	RESISTOR 100 +-1% .125W TKF TC=0+-100	05524	CRCW12061000F
R173	0699-1415	1	RESISTOR 100 +-1% .125W TKF TC=0+-100	05524	CRCW12061000F
R174	0699-1415	1	RESISTOR 100 +-1% .125W TKF TC=0+-100	05524	CRCW12061000F
R175	0699-1415	1	RESISTOR 100 +-1% .125W TKF TC=0+-100	05524	CRCW12061000F
R176	0699-1405	1	RESISTOR 38.3K +-1% .125W TKF TC=0+-100	05524	CRCW12063832F
R177	0699-1405	1	RESISTOR 38.3K +-1% .125W TKF TC=0+-100	05524	CRCW12063832F
R179	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	05524	CRCW12061002F
R180	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	05524	CRCW12061002F
R184	0699-1384	1	RESISTOR 4.64K +-1% .125W TKF TC=0+-100	09891	RK73H2BT4641F
R185	0699-1384	1	RESISTOR 4.64K +-1% .125W TKF TC=0+-100	09891	RK73H2BT4641F
R187	0699-1361	1	RESISTOR 51.1 +-1% .125W TKF TC=0+-100	05524	CRCW120651R1F
R188	0699-1361	1	RESISTOR 51.1 +-1% .125W TKF TC=0+-100	05524	CRCW120651R1F
R189	0699-1361	1	RESISTOR 51.1 +-1% .125W TKF TC=0+-100	05524	CRCW120651R1F
R190	0699-1361	1	RESISTOR 51.1 +-1% .125W TKF TC=0+-100	05524	CRCW120651R1F
R191	0699-1361	1	RESISTOR 51.1 +-1% .125W TKF TC=0+-100	05524	CRCW120651R1F
R192	0699-1344	1	RESISTOR 10 +-1% .125W TKF TC=0+-100	09891	RK73H2BT10R0F
R194	0699-1337	1	RESISTOR 383K +-1% .125W TKF TC=0+-100	09891	RK73H2BT3833F

**Indicates factory-selected value*

HP Part Number E4400-60199
Demodulator (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R195	0699-1337	1	RESISTOR 383K +-1% .125W TKF TC=0+-100	09891	RK73H2BT3833F
R196	0699-1327	1	RESISTOR 1M +-1% .125W TKF TC=0+-100	09891	RK73H2BT1004F
R197	0699-1327	1	RESISTOR 1M +-1% .125W TKF TC=0+-100	09891	RK73H2BT1004F
R198	0699-1327	1	RESISTOR 1M +-1% .125W TKF TC=0+-100	09891	RK73H2BT1004F
R199	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	05524	CRCW12061002F
R200	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	05524	CRCW12061002F
R201	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	05524	CRCW12061002F
R203	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	05524	CRCW12061002F
R204	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	05524	CRCW12061002F
R206	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	05524	CRCW12061002F
R207	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	05524	CRCW12061002F
R208	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	05524	CRCW12061002F
R209	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	05524	CRCW12061002F
R210	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	05524	CRCW12061002F
R211	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	05524	CRCW12061002F
R212	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	05524	CRCW12061002F
R213	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	05524	CRCW12061002F
R214	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	05524	CRCW12061002F
R215	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	05524	CRCW12061002F
R216	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	05524	CRCW12061002F
R219	0699-1415	1	RESISTOR 100 +-1% .125W TKF TC=0+-100	05524	CRCW12061000F
R220	0699-1415	1	RESISTOR 100 +-1% .125W TKF TC=0+-100	05524	CRCW12061000F
R221	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	05524	CRCW12061002F
R223	0699-1503	1	RESISTOR 0 CWM	05524	CRCW1206000
R226	0699-1422	1	RESISTOR 196 +-1% .125W TKF TC=0+-100	09891	RK73H2BT1960F
R227	0699-3913	1	RESISTOR 31.6 +-1% .063W TKF TC=0+-200	09891	RK73H1J31R6F
R228	0699-3913	1	RESISTOR 31.6 +-1% .063W TKF TC=0+-200	09891	RK73H1J31R6F
R229	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	05524	CRCW12061002F
R230	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	05524	CRCW12061002F
R231	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	05524	CRCW12061002F
R232	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	05524	CRCW12061002F
R233	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R234	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R236	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R237	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000

**Indicates factory-selected value*

HP Part Number E4400-60199
Demodulator (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R238	0699-3574	1	RESISTOR 0 .0625W TKF	09891	RM73Z1JT
R239	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R240	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R241	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R242	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R243	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	05524	CRCW12061002F
R244	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	05524	CRCW12061002F
R245	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	05524	CRCW12061002F
R246	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	05524	CRCW12061002F
R247	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	05524	CRCW12061002F
R248	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	05524	CRCW12061002F
R249	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	05524	CRCW12061002F
R250	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	05524	CRCW12061002F
R251	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	05524	CRCW12061002F
R252	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	05524	CRCW12061002F
R253	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R254	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
TP10	1460-2594	1	CONNECTOR-SGL CONT SPR .01-IN-BSC-SZ REC	12965	TP-108
TP11	1460-2594	1	CONNECTOR-SGL CONT SPR .01-IN-BSC-SZ REC	12965	TP-108
TP12	1460-2594	1	CONNECTOR-SGL CONT SPR .01-IN-BSC-SZ REC	12965	TP-108
TP13	1460-2594	1	CONNECTOR-SGL CONT SPR .01-IN-BSC-SZ REC	12965	TP-108
TP14	1460-2594	1	CONNECTOR-SGL CONT SPR .01-IN-BSC-SZ REC	12965	TP-108
TP15	1460-2594	1	CONNECTOR-SGL CONT SPR .01-IN-BSC-SZ REC	12965	TP-108
TP16	1460-2594	1	CONNECTOR-SGL CONT SPR .01-IN-BSC-SZ REC	12965	TP-108
U1	1826-2868	1	IC SP-AMPL LOW-NOISE DUAL 16 PIN	03285	AD602JR
U10	1826-1838	1	IC PWR MGT-V-REF-FXD 4.95/5.05V 8 PINS	10858	LT1021DCS8-5
U24	1826-1619	1	D/A 8-BIT 20-PLCC CMOS	03285	AD7528JP
U41	1826-1897	1	IC PWR MGT-VS-SUPVR/CONT	01698	TL7705ACD
U43	1826-1622	1	IC OP AMP LOW-BIAS-H-IMPD QUAD 14 PIN	01698	TL074CD
U46	E4400-80099	1		28480	E4400-80099
U47	E4400-80100	1		28480	E4400-80100
U48	E4400-80101	1		28480	E4400-80101
U49	E4400-80102	1		28480	E4400-80102
U65	1826-1402	1	IC PWR MGT-V-REG-FXD-POS 4.8/5.2V 8 PINS	03406	LM78L05ACM
U66	1826-1783	1	IC PWR MGT-V-REG-FXD-NEG -4.8/-5.2V 8	03406	79L05ACM

**Indicates factory-selected value*

HP Part Number E4400-60199
Demodulator (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
U69	1821-5397	1	IC-PLD CPLD UNPROGRAMMED CMOS 10K50E	12880	EPF10K50EFC256-2
U73	1826-3282	1	IC PWR MGT-V-REG-L-DRPOUT 3.235/3.365V 3	10858	LT1587CM-3.3
U74	1826-3226	1	A/D 12-BIT 28-P-SOIC CMOS	03285	AD9220AR
U75	1826-2910	1	IC PWR MGT-V-REG-ADJ-POS 3 PINS PLASTIC	10858	LT1086CM
U76	1826-2771	1	IC PWR MGT-V-REG-ADJ-POS 3 PINS	04078	LM317D2T
U78	1826-1528	1	IC COMPARATOR LP QUAD 14 PIN PLSTC-SOIC	03406	LM339M
U80	1821-3758	1	IC-INTERFACE XCVR BIPOLAR GENERAL	03285	ADM3202ARW
U81	1821-1037	1	IC FIFO CMOS BIDIR	03794	AM4701-45JC
U82	1820-7312	1	IC SCHMITT-TRIG CMOS/ACT INV HEX	01698	SN74ACT14D
U83	1820-7312	1	IC SCHMITT-TRIG CMOS/ACT INV HEX	01698	SN74ACT14D
U84	1820-7312	1	IC SCHMITT-TRIG CMOS/ACT INV HEX	01698	SN74ACT14D
U85	1820-7312	1	IC SCHMITT-TRIG CMOS/ACT INV HEX	01698	SN74ACT14D
U86	1820-7244	1	IC SCHMITT-TRIG CMOS/AC INV HEX	02237	74AC14SCX.
U87	1820-6242	1	IC DRVR CMOS/AC BUS OCTL	28480	1820-6242
U88	1820-6242	1	IC DRVR CMOS/AC BUS OCTL	28480	1820-6242
U89	1820-6156	1	IC DRVR CMOS/ACT BUS OCTL	01698	SN74ACT244DW
U90	1820-6156	1	IC DRVR CMOS/ACT BUS OCTL	01698	SN74ACT244DW
U91	1820-6066	1	IC TRANSCEIVER CMOS/AC BUS OCTL	28480	1820-6066
U92	1820-5944	1	IC GATE CMOS/ACT OR QUAD 2-INP	01698	CD74ACT32M
U93	1820-5944	1	IC GATE CMOS/ACT OR QUAD 2-INP	01698	CD74ACT32M
U94	1818-7675	1	IC 1.695M BIT EEPROM CMOS	12880	EPC2LC20
U95	1818-7675	1	IC 1.695M BIT EEPROM CMOS	12880	EPC2LC20
U96	1818-7179	1	IC 4M-BIT SRAM 15-NS CMOS	12125	KM6164002AJ-15
U97	1818-7179	1	IC 4M-BIT SRAM 15-NS CMOS	12125	KM6164002AJ-15
U98	1818-6807	1	IC 4K-BIT EEPROM 500-NS CMOS	02237	NM93C66M8X
U103	9140-1113	1	INDUCTOR 10uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-100J-3
U104	1821-5397	1	IC-PLD CPLD UNPROGRAMMED CMOS 10K50E	12880	EPF10K50EFC256-2
U107	1826-3292	1	IC OP AMP LP 8 PIN PLSTC-SOIC	03285	AD820BR
U109	1826-2147	1	ANALOG MULTIPLEXER 8 CHNL 16 -P-SOIC	02883	DG408DY
U111	1813-1427	1	PRECISION VCXO MINI-PACKGE; 26MHZ	02483	MODEL 324-AAC MO 26.00
XU46	1200-1593	1	SOCKET-IC-PLCC 32-CONT RECTGLR J-LEAD	01380	3-822273-1
XU47	1200-1593	1	SOCKET-IC-PLCC 32-CONT RECTGLR J-LEAD	01380	3-822273-1
XU48	1200-1593	1	SOCKET-IC-PLCC 32-CONT RECTGLR J-LEAD	01380	3-822273-1
XU49	1200-1593	1	SOCKET-IC-PLCC 32-CONT RECTGLR J-LEAD	01380	3-822273-1
XU94	1200-1590	1	SOCKET-IC-PLCC 20-CONT SQUARE J-LEAD	01380	3-822269-1

**Indicates factory-selected value*

HP Part Number E4400-60199
Demodulator (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
XU95	1200-1590	1	SOCKET-IC-PLCC 20-CONT SQUARE J-LEAD	01380	3-822269-1

**Indicates factory-selected value*

Component-Level Information Packet for E4423-60023

YIG Driver



HP Part No. E4423-90009
Printed in USA October 1999

Notice. The information contained in this document is subject to change without notice.

Hewlett-Packard makes no warranty of any kind with regard to this material, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Hewlett-Packard shall not be liable for errors contained herein or for incidental or consequential damages in connection with the furnishing, performance, or use of this material.

©Copyright Hewlett-Packard Company 1999
All Rights Reserved. Reproduction, adaptation, or translation without prior written permission is prohibited, except as allowed under the copyright laws.

HP Part Number E4423-60023
YIG Driver

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C1	0160-7748	1	CAP-FXD 1000pF +-10% 50 V CER X7R	12340	C0603C102K5RAC
C2	0160-7748	1	CAP-FXD 1000pF +-10% 50 V CER X7R	12340	C0603C102K5RAC
C3	0160-7748	1	CAP-FXD 1000pF +-10% 50 V CER X7R	12340	C0603C102K5RAC
C4	0180-5010	1	CAP-FXD 68uF +-20% 25 V AL-ELCTLT	00779	UWF1E680MBR
C5	0180-5010	1	CAP-FXD 68uF +-20% 25 V AL-ELCTLT	00779	UWF1E680MBR
C6	0180-4577	1	CAP-FXD 10uF +-20% 10 V TA	12340	T491B106M010AS
C7	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C8	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C9	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C10	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C11	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C12	0160-7736	1	CAP-FXD 1uF +-10% 16 V CER X7R	06352	C3216X7R1C105K
C13	0160-7736	1	CAP-FXD 1uF +-10% 16 V CER X7R	06352	C3216X7R1C105K
C14	0160-7736	1	CAP-FXD 1uF +-10% 16 V CER X7R	06352	C3216X7R1C105K
C15	0160-7736	1	CAP-FXD 1uF +-10% 16 V CER X7R	06352	C3216X7R1C105K
C20	0160-7736	1	CAP-FXD 1uF +-10% 16 V CER X7R	06352	C3216X7R1C105K
C21	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C22	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C23	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C24	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C101	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C102	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C103	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C110	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C111	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C112	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C120	0160-7748	1	CAP-FXD 1000pF +-10% 50 V CER X7R	12340	C0603C102K5RAC
C200	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C201	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C210	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C211	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C212	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C213	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C214	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C215	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K

**Indicates factory-selected value*

HP Part Number E4423-60023
YIG Driver (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C216	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C220	0160-7776	1	CAP-FXD 3.9pF +-6.4% 50 V CER C0G	13853	0603G3R9C500ST
C221	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C222	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C223	0160-7749	1	CAP-FXD 22pF +-5% 50 V CER C0G	06352	C1608C0G1H220JT8P
C230	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C231	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C232	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C233	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C241	0160-7838	1	CAP-FXD 120pF +-5% 50 V CER C0G	02010	06035A121JAT
C242	0160-5952	1	CAP-FXD 330pF +-5% 50 V CER C0G	09939	GRM40-001C0G331J050C
C243	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C250	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C251	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C252	0160-7861	1	CAP-FXD 47pF +-5% 50 V CER C0G	02010	06035A470JAT
C253	0160-7748	1	CAP-FXD 1000pF +-10% 50 V CER X7R	12340	C0603C102K5RAC
C260	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C261	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C262	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C280	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C281	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C282	0160-7849	1	CAP-FXD 220pF +-5% 50 V CER C0G	02010	06035A221JAT
C283	0160-7405	1	CAP-FXD 560pF +-5% 50 V CER C0G	06352	C2012C0G1H561J
C287	0160-7849	1	CAP-FXD 220pF +-5% 50 V CER C0G	02010	06035A221JAT
C288	0160-7405	1	CAP-FXD 560pF +-5% 50 V CER C0G	06352	C2012C0G1H561J
C300	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C301	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C303	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C304	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C310	0160-8361	1	CAP-FXD 0.22uF +-10% 25 V CER X7R	02010	08053C224KATA
C311	0160-8361	1	CAP-FXD 0.22uF +-10% 25 V CER X7R	02010	08053C224KATA
C312	0160-7746	1	CAP-FXD 0.33uF +-5% 25 V CER X7R	05524	VJ1210Y334JXXAR
C313	0160-7849	1	CAP-FXD 220pF +-5% 50 V CER C0G	02010	06035A221JAT
C315	0160-8361	1	CAP-FXD 0.22uF +-10% 25 V CER X7R	02010	08053C224KATA
C320	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K

**Indicates factory-selected value*

HP Part Number E4423-60023
YIG Driver (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C321	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C322	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C324	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C326	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C328	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C330	0160-8025	1	CAP-FXD 820pF +-1% 50 V CER C0G	03521	500R15N821FV2
C331	0160-8025	1	CAP-FXD 820pF +-1% 50 V CER C0G	03521	500R15N821FV2
C333	0160-7980	1	CAP-FXD 130pF +-5% 50 V CER C0G	12340	C0603C131J5GAC
C400	0160-7736	1	CAP-FXD 1uF +-10% 16 V CER X7R	06352	C3216X7R1C105K
C402	0160-5579	1	CAP-FXD 0.047uF +-5% 63 V POLYE-MET	06127	MKS-2
C404	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C405	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C411	0160-5469	1	CAP-FXD 1uF +-10% 50 V POLYE-MET	05524	MKT 1826-1UF 10% 63VDC
C415	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C416	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C420	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C421	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C423	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C440	0160-7308	1	CAP-FXD 3.3uF +-10% 50 V POLYE-MET	11892	MMK5335K50TR18
C441	0160-7308	1	CAP-FXD 3.3uF +-10% 50 V POLYE-MET	11892	MMK5335K50TR18
C442	0160-7308	1	CAP-FXD 3.3uF +-10% 50 V POLYE-MET	11892	MMK5335K50TR18
C445	0160-7746	1	CAP-FXD 0.33uF +-5% 25 V CER X7R	05524	VJ1210Y334JXXAR
C500	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C502	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C504	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C505	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C506	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C507	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C508	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C509	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C510	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C511	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
CR440	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
FL500	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL501	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621

**Indicates factory-selected value*

HP Part Number E4423-60023
YIG Driver (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
J1	1252-1325	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	04726	N2510-6002UB
J2	1251-8823	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	04726	2514-6002UB
J3	1250-2471	1	CONNECTOR-RF MCX,SM-SNP-ON FEMALE	01380	829558-3
J4	1250-2471	1	CONNECTOR-RF MCX,SM-SNP-ON FEMALE	01380	829558-3
J6	1250-2596	1	CONNECTOR-RF SMA FEMALE 50-OHM	04670	142-0711-851
J7	1250-2596	1	CONNECTOR-RF SMA FEMALE 50-OHM	04670	142-0711-851
J8	1250-2596	1	CONNECTOR-RF SMA FEMALE 50-OHM	04670	142-0711-851
L1	9140-1736	1	INDUCTOR 47uH +20% -20% 7.3W-mmX7.3LG-mm	06353	636CY-470M
L2	9140-2065	1	INDUCTOR 47uH +20% -20%	01886	DO3316P-473
L3	9140-1638	1	INDUCTOR 10uH +10% -10% 2.7W-mmX3.4LG-mm	06352	NLC322522T-100K
L4	9140-1236	1	INDUCTOR 1uH +-5% 2.8W-mmX3.4LG-mm Q=30	06352	NL322522T-1R0J
L5	9140-1236	1	INDUCTOR 1uH +-5% 2.8W-mmX3.4LG-mm Q=30	06352	NL322522T-1R0J
L6	9140-1236	1	INDUCTOR 1uH +-5% 2.8W-mmX3.4LG-mm Q=30	06352	NL322522T-1R0J
L7	9140-1236	1	INDUCTOR 1uH +-5% 2.8W-mmX3.4LG-mm Q=30	06352	NL322522T-1R0J
L8	9140-1236	1	INDUCTOR 1uH +-5% 2.8W-mmX3.4LG-mm Q=30	06352	NL322522T-1R0J
L9	9140-1236	1	INDUCTOR 1uH +-5% 2.8W-mmX3.4LG-mm Q=30	06352	NL322522T-1R0J
L330	9140-1113	1	INDUCTOR 10uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-100J-3
L420	9140-1115	1	INDUCTOR 22uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-220J-3
L500	9140-2189	1	INDUCTOR 3.85nH +10% -10% X2.46LG-mm	01886	0906-4
MP2	0590-2561	1	THREADED INSERT-NUT M2 X 0.4 1.5-MM-LG	03981	KF2-M2-ET
MP3	0590-2561	1	THREADED INSERT-NUT M2 X 0.4 1.5-MM-LG	03981	KF2-M2-ET
MP4	0515-0658	1	SCREW-MACHINE ASSEMBLY M2 X 0.4 6MM-LG	05610	0515-0658
MP5	0515-0658	1	SCREW-MACHINE ASSEMBLY M2 X 0.4 6MM-LG	05610	0515-0658
Q1	1855-0896	1	TRANSISTOR MOSFET P-CHAN E-MODE SI	36633	MTB23P06VT4
Q300	1854-1037	1	TRANSISTOR NPN SI TO-236AA PD=350MW	36633	MMBT3904LT1
Q301	1853-0567	1	TRANSISTOR PNP SI SOT-23 (TO-236AB)	36633	MMBT3906LT1
Q400	1855-0896	1	TRANSISTOR MOSFET P-CHAN E-MODE SI	36633	MTB23P06VT4
R1	0699-2846	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	02499	W1206R035001BT
R2	0699-2846	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	02499	W1206R035001BT
R3	0699-3933	1	RESISTOR 237 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2370
R4	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R5	0699-1356	1	RESISTOR 31.6 +-1% .125W TKF TC=0+-100	09891	RK73H2BT31R6F
R6	0699-1356	1	RESISTOR 31.6 +-1% .125W TKF TC=0+-100	09891	RK73H2BT31R6F
R7	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R101	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110

**Indicates factory-selected value*

HP Part Number E4423-60023
YIG Driver (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R102	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R103	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R110	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R111	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R120	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R121	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R122	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R123	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R200	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R201	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R202	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R203	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R204	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R205	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R206	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R207	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R208	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R209	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R210	0699-2828	1	RESISTOR 1.5K +-0.1% .125W TF TC=0+-25	01172	BLU-1206 1K5 .1% 25PPM
R211	0699-2488	1	RESISTOR 100 +-0.1% .125W TF TC=0+-25	02499	W1206R031000BT
R212	0699-2828	1	RESISTOR 1.5K +-0.1% .125W TF TC=0+-25	01172	BLU-1206 1K5 .1% 25PPM
R213	0699-2488	1	RESISTOR 100 +-0.1% .125W TF TC=0+-25	02499	W1206R031000BT
R214	0699-2834	1	RESISTOR 400 +-0.1% .125W TF TC=0+-25	02499	W1206R034000BT
R215	0699-2832	1	RESISTOR 200 +-0.1% .125W TF TC=0+-25	02499	W1206R032000BT
R216	0699-2488	1	RESISTOR 100 +-0.1% .125W TF TC=0+-25	02499	W1206R031000BT
R217	0699-2488	1	RESISTOR 100 +-0.1% .125W TF TC=0+-25	02499	W1206R031000BT
R220	0699-3954	1	RESISTOR 1.96K +-1% .063W TKF TC=0+-200	09891	RK73H1J1961F
R230	0699-3936	1	RESISTOR 316 +-1% .063W TKF TC=0+-200	00746	MCR03-F-3160
R231	0699-3936	1	RESISTOR 316 +-1% .063W TKF TC=0+-200	00746	MCR03-F-3160
R232	0699-3936	1	RESISTOR 316 +-1% .063W TKF TC=0+-200	00746	MCR03-F-3160
R240	0699-3932	1	RESISTOR 215 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2150
R241	0699-3948	1	RESISTOR 1.1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1101
R242	0699-3952	1	RESISTOR 1.62K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1621
R243	0699-3959	1	RESISTOR 3.16K +-1% .063W TKF TC=0+-200	00746	MCR03-F-3161
R250	0699-3939	1	RESISTOR 422 +-1% .063W TKF TC=0+-200	00746	MCR03-EZH-F-4220

**Indicates factory-selected value*

HP Part Number E4423-60023
YIG Driver (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R251	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R252	0699-3940	1	RESISTOR 464 +-1% .063W TKF TC=0+-200	09891	RK73H1J4640F
R253	0699-3958	1	RESISTOR 2.87K +-1% .063W TKF TC=0+-200	09891	RK73H1J2871F
R260	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R261	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R262	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R270	0699-3920	1	RESISTOR 68.1 +-1% .063W TKF TC=0+-200	09891	RK73H1J68R1F
R271	0699-2832	1	RESISTOR 200 +-0.1% .125W TF TC=0+-25	02499	W1206R032000BT
R272	0699-2832	1	RESISTOR 200 +-0.1% .125W TF TC=0+-25	02499	W1206R032000BT
R273	0699-2834	1	RESISTOR 400 +-0.1% .125W TF TC=0+-25	02499	W1206R034000BT
R274	0699-2488	1	RESISTOR 100 +-0.1% .125W TF TC=0+-25	02499	W1206R031000BT
R276	0699-2829	1	RESISTOR 50 +-0.1% .125W TF TC=0+-25	02499	W1206R030500BT
R277	0699-2829	1	RESISTOR 50 +-0.1% .125W TF TC=0+-25	02499	W1206R030500BT
R278	0699-2829	1	RESISTOR 50 +-0.1% .125W TF TC=0+-25	02499	W1206R030500BT
R280	0699-3940	1	RESISTOR 464 +-1% .063W TKF TC=0+-200	09891	RK73H1J4640F
R281	0699-3940	1	RESISTOR 464 +-1% .063W TKF TC=0+-200	09891	RK73H1J4640F
R282	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R283	0699-3945	1	RESISTOR 825 +-1% .063W TKF TC=0+-200	00746	MCR03-F-8250
R284	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R286	0699-3940	1	RESISTOR 464 +-1% .063W TKF TC=0+-200	09891	RK73H1J4640F
R287	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R288	0699-3945	1	RESISTOR 825 +-1% .063W TKF TC=0+-200	00746	MCR03-F-8250
R289	0699-3940	1	RESISTOR 464 +-1% .063W TKF TC=0+-200	09891	RK73H1J4640F
R300	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R301	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R302	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R303	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R304	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R310	0699-3946	1	RESISTOR 909 +-1% .063W TKF TC=0+-200	00746	MCR03-F-9090
R311	0699-3942	1	RESISTOR 619 +-1% .063W TKF TC=0+-200	00746	MCR03-F-6190
R312	0699-3926	1	RESISTOR 121 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1210
R313	0699-3967	1	RESISTOR 7.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J7501F
R315	0699-3959	1	RESISTOR 3.16K +-1% .063W TKF TC=0+-200	00746	MCR03-F-3161
R316	0699-3961	1	RESISTOR 3.83K +-1% .063W TKF TC=0+-200	09891	RK73H1J3831F
R317	0699-3965	1	RESISTOR 6.19K +-1% .063W TKF TC=0+-200	09891	RK73H1J6191F

**Indicates factory-selected value*

HP Part Number E4423-60023
YIG Driver (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R320	0699-3920	1	RESISTOR 68.1 +-1% .063W TKF TC=0+-200	09891	RK73H1J68R1F
R321	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R322	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R323	0699-1318	1	RESISTOR 1K +-1% .125W TKF TC=0+-100	00746	MCR18-F-1001
R324	0699-1318	1	RESISTOR 1K +-1% .125W TKF TC=0+-100	00746	MCR18-F-1001
R325	0699-1318	1	RESISTOR 1K +-1% .125W TKF TC=0+-100	00746	MCR18-F-1001
R326	0699-1318	1	RESISTOR 1K +-1% .125W TKF TC=0+-100	00746	MCR18-F-1001
R327	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R330	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R331	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R340	0699-1363	1	RESISTOR 61.9 +-1% .125W TKF TC=0+-100	05524	CRCW120661R9F
R341	0699-1363	1	RESISTOR 61.9 +-1% .125W TKF TC=0+-100	05524	CRCW120661R9F
R342	0699-1364	1	RESISTOR 68.1 +-1% .125W TKF TC=0+-100	05524	CRCW120668R1F
R343	0699-1364	1	RESISTOR 68.1 +-1% .125W TKF TC=0+-100	05524	CRCW120668R1F
R400	0699-2490	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	02499	W1206R031001BT
R401	0699-2490	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	02499	W1206R031001BT
R402	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R410	0699-1371	1	RESISTOR 1.33K +-1% .125W TKF TC=0+-100	05524	CRCW12061331F
R420	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R421	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R422	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R423	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R430	0699-5817	1	RESISTOR 10 +-1% 10W TC=0+-2	14406	SP1298
R440	0699-3926	1	RESISTOR 121 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1210
R500	0699-3906	1	RESISTOR 16.2 +-1% .063W TKF TC=0+-200	09891	RK73H1J16R2F
R501	0699-3906	1	RESISTOR 16.2 +-1% .063W TKF TC=0+-200	09891	RK73H1J16R2F
R502	0699-3906	1	RESISTOR 16.2 +-1% .063W TKF TC=0+-200	09891	RK73H1J16R2F
R503	0699-3925	1	RESISTOR 110 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1100
R504	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R505	0699-3925	1	RESISTOR 110 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1100
R506	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R507	0699-3919	1	RESISTOR 61.9 +-1% .063W TKF TC=0+-200	05524	CRCW060361R9F
R508	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R513	0699-1417	1	RESISTOR 121 +-1% .125W TKF TC=0+-100	09891	RK73H2BT1210F
R514	0699-1420	1	RESISTOR 162 +-1% .125W TKF TC=0+-100	00746	MCR18-F-1620

**Indicates factory-selected value*

HP Part Number E4423-60023
YIG Driver (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R515	0699-1421	1	RESISTOR 178 +-1% .125W TKF TC=0+-100	09891	RK73H2BT1780F
R516	0699-1418	1	RESISTOR 133 +-1% .125W TKF TC=0+-100	05524	CRCW12061330F
R517	0699-1420	1	RESISTOR 162 +-1% .125W TKF TC=0+-100	00746	MCR18-F-1620
R518	0699-1370	1	RESISTOR 1.21K +-1% .125W TKF TC=0+-100	05524	CRCW12061211F
R519	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R520	0699-3925	1	RESISTOR 110 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1100
R521	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R522	0699-3925	1	RESISTOR 110 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1100
TP1	1460-2594	1	CONNECTOR-SGL CONT SPR .01-IN-BSC-SZ REC	12965	TP-108
TP2	1460-2594	1	CONNECTOR-SGL CONT SPR .01-IN-BSC-SZ REC	12965	TP-108
TP3	1460-2594	1	CONNECTOR-SGL CONT SPR .01-IN-BSC-SZ REC	12965	TP-108
TP4	1460-2594	1	CONNECTOR-SGL CONT SPR .01-IN-BSC-SZ REC	12965	TP-108
U1	1826-2726	1	IC PWR MGT-V-REF-FXD 4.9975/5.0025V 8	03285	AD586LR
U2	1826-1925	1	IC OP AMP LOW-NOISE SINGLE 8 PIN	03285	OP-27GS
U100	1820-6752	1	IC-ASIC GT-ARY CMOS 6206 PLCC	03406	SCX6206TQM/V2
U101	1818-5236	1	IC 4K-BIT EEPROM 500-NS CMOS	04078	M93C66-MN6
U102	1821-3980	1	IC DCDR-DEMUXR CMOS 3-TO-8-LINE	02237	74VHC138M
U103	1821-3987	1	IC FF CMOS D-TYPE 8-CHANNEL	02237	74VHC574M
U104	1821-3987	1	IC FF CMOS D-TYPE 8-CHANNEL	02237	74VHC574M
U105	1826-2147	1	ANALOG MULTIPLEXER 8 CHNL 16 -P-SOIC	02883	DG408DY
U200	1826-3329	1	IC OP AMP VID-SPCL-FCTN SINGLE 8 PIN	03285	AD818AR
U201	1826-4193	1	ANALOG MULTIPLEXER 8 -P-SOIC	03285	AD8180AR
U202	1826-4193	1	ANALOG MULTIPLEXER 8 -P-SOIC	03285	AD8180AR
U203	1826-4303	1	IC ANLG MUX 4-TO-1 14-PIN SOIC	03285	AD8184AR
U204	1826-4309	1	IC D/A 12-BIT 20-PIN SSOP	03285	AD7945BRS
U205	1826-2379	1	IC OP AMP VID-SPCL-FCTN SINGLE 8 PIN	03285	AD829JR
U206	1826-4303	1	IC ANLG MUX 4-TO-1 14-PIN SOIC	03285	AD8184AR
U207	1826-4303	1	IC ANLG MUX 4-TO-1 14-PIN SOIC	03285	AD8184AR
U208	1826-2786	1	IC OP AMP VID-SPCL-FCTN SINGLE 8 PIN	03285	AD810AR
U209	1826-1985	1	ANALOG SWITCH 4 SPST 16 -P-SOIC	02883	DG411DY
U210	1826-2581	1	IC OP AMP HS 8 PIN PLSTC-SOIC	03406	CLC430AJE
U211	1826-2581	1	IC OP AMP HS 8 PIN PLSTC-SOIC	03406	CLC430AJE
U300	1826-2379	1	IC OP AMP VID-SPCL-FCTN SINGLE 8 PIN	03285	AD829JR
U301	1826-2379	1	IC OP AMP VID-SPCL-FCTN SINGLE 8 PIN	03285	AD829JR
U400	1826-4309	1	IC D/A 12-BIT 20-PIN SSOP	03285	AD7945BRS

**Indicates factory-selected value*

HP Part Number E4423-60023
YIG Driver (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
U401	1826-1925	1	IC OP AMP LOW-NOISE SINGLE 8 PIN	03285	OP-27GS
U402	1826-2878	1	IC OP AMP PRCN SINGLE 8 PIN PLSTC-SOIC	03285	AD797BR
U500	1GC1-4206	1	TC206P DC-9 ISO	28480	1GC1-4206
VR440	1902-1572	1	DIODE-ZNR 15V 5% TO-236 (SOT-23) PD=.35W	02910	BZX84-C15

**Indicates factory-selected value*

Component-Level Information Packet for E4423-60020

Sampler



HP Part No. E4423-90005
Printed in USA September 1999

Notice. The information contained in this document is subject to change without notice.

Hewlett-Packard makes no warranty of any kind with regard to this material, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Hewlett-Packard shall not be liable for errors contained herein or for incidental or consequential damages in connection with the furnishing, performance, or use of this material.

©Copyright Hewlett-Packard Company 1999
All Rights Reserved. Reproduction, adaptation, or translation without prior written permission is prohibited, except as allowed under the copyright laws.

HP Part Number E4423-60020
Sampler

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C1	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012C0G1H102JT
C2	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C3	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012C0G1H102JT
C4	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C5	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608C0G1H471J
C6	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C7	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C8	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C9	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608C0G1H471J
C10	0180-4116	1	CAP-FXD 22uF +-20% 20 V TA	02010	TAJD226M020
C11	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012C0G1H102JT
C12	0160-5970	1	CAP-FXD 3.9pF +-6.41% 50 V CER C0G	09939	GRM40-001C0G3R9C050C
C13	0160-5970	1	CAP-FXD 3.9pF +-6.41% 50 V CER C0G	09939	GRM40-001C0G3R9C050C
C14	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012C0G1H102JT
C15	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012C0G1H102JT
C16	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C17	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012C0G1H102JT
C18	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608C0G1H471J
C19	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012C0G1H102JT
C20	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C21	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C22	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608C0G1H471J
C23	0160-7370	1	CAP-FXD 3pF +-8.33% 50 V CER C0G	06352	C2012C0G1H030CT
C24	0160-7372	1	CAP-FXD 6pF +-4.16% 50 V CER C0G	06352	C2012C0G1H060CT
C25	0160-7370	1	CAP-FXD 3pF +-8.33% 50 V CER C0G	06352	C2012C0G1H030CT
C26	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608C0G1H471J
C27	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608C0G1H471J
C28	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C29	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C30	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C31	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C32	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C33	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C34	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C35	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT

**Indicates factory-selected value*

HP Part Number E4423-60020
Sampler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C36	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C37	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C38	0180-4116	1	CAP-FXD 22uF +-20% 20 V TA	02010	TAJD226M020
C39	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C40	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C41	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C42	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C43	0160-5960	1	CAP-FXD 27pF +-5% 50 V CER C0G	09939	GRM40-001C0G270J050C
C44	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C45	0160-7405	1	CAP-FXD 560pF +-5% 50 V CER C0G	06352	C2012C0G1H561J
C46	0160-5960	1	CAP-FXD 27pF +-5% 50 V CER C0G	09939	GRM40-001C0G270J050C
C47	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C48	0160-7405	1	CAP-FXD 560pF +-5% 50 V CER C0G	06352	C2012C0G1H561J
C49	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C50	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C51	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C52	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C53	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C54	0160-7372	1	CAP-FXD 6pF +-4.16% 50 V CER C0G	06352	C2012C0G1H060CT
C55	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C56	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C57	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C58	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C59	0160-7857	1	CAP-FXD 39pF +-5% 50 V CER C0G	02010	06035A390JAT
C60	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C62	0160-7405	1	CAP-FXD 560pF +-5% 50 V CER C0G	06352	C2012C0G1H561J
C63	0160-7405	1	CAP-FXD 560pF +-5% 50 V CER C0G	06352	C2012C0G1H561J
C64	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C65	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C66	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C67	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C68	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C69	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C70	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C71	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K

**Indicates factory-selected value*

HP Part Number E4423-60020
Sampler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C72	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C73	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C74	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C75	0160-5470	1	CAP-FXD 0.15uF +-5% 50 V POLYE-MET	06127	MKS 2
C76	0160-7370	1	CAP-FXD 3pF +-8.33% 50 V CER C0G	06352	C2012C0G1H030CT
C77	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C78	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C79	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C80	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C81	0180-4116	1	CAP-FXD 22uF +-20% 20 V TA	02010	TAJD226M020
C82	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C83	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C85	0160-5470	1	CAP-FXD 0.15uF +-5% 50 V POLYE-MET	06127	MKS 2
C86	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C87	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C88	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C89	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C90	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C91	0160-7712	1	CAP-FXD 1500pF +-10% 50 V CER X7R	02010	06035C152KATRA
C92	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C93	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C94	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C95	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C96	0160-5961	1	CAP-FXD 22pF +-5% 50 V CER C0G	06352	C2012COG1H220J
C97	0160-5961	1	CAP-FXD 22pF +-5% 50 V CER C0G	06352	C2012COG1H220J
C98	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C99	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C100	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C101	0180-4116	1	CAP-FXD 22uF +-20% 20 V TA	02010	TAJD226M020
C102	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C103	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C104	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C105	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C106	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C107	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K

**Indicates factory-selected value*

HP Part Number E4423-60020
Sampler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C108	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C109	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C110	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C111	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C112	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C113	0160-5980	1	CAP-FXD 1.8pF +-27.78% 50 V CER C0G	02010	08051A1R8DAT A
C114	0160-5970	1	CAP-FXD 3.9pF +-6.41% 50 V CER C0G	09939	GRM40-001C0G3R9C050C
C115	0160-5980	1	CAP-FXD 1.8pF +-27.78% 50 V CER C0G	02010	08051A1R8DAT A
C116	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C117	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C118	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C119	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C120	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C121	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C122	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C123	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C124	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C125	0160-5980	1	CAP-FXD 1.8pF +-27.78% 50 V CER C0G	02010	08051A1R8DAT A
C126	0160-5970	1	CAP-FXD 3.9pF +-6.41% 50 V CER C0G	09939	GRM40-001C0G3R9C050C
C127	0160-5980	1	CAP-FXD 1.8pF +-27.78% 50 V CER C0G	02010	08051A1R8DAT A
C128	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C129	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C130	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C131	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C132	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C133	0160-7370	1	CAP-FXD 3pF +-8.33% 50 V CER C0G	06352	C2012C0G1H030CT
C134	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C135	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C136	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C137	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C138	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C139	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C140	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C141	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C142	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K

**Indicates factory-selected value*

HP Part Number E4423-60020
Sampler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C143	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C144	0160-7372	1	CAP-FXD 6pF +-4.16% 50 V CER C0G	06352	C2012C0G1H060CT
C145	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C146	0160-7756	1	CAP-FXD 30pF +-1% 50 V CER C0G	02010	08055A300FATMA
C147	0160-5955	1	CAP-FXD 68pF +-5% 50 V CER C0G	09939	GRM40-001C0G680J050C
C148	0160-7756	1	CAP-FXD 30pF +-1% 50 V CER C0G	02010	08055A300FATMA
C149	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C150	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C151	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C152	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C153	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C154	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C155	0160-7370	1	CAP-FXD 3pF +-8.33% 50 V CER C0G	06352	C2012C0G1H030CT
C156	0160-7372	1	CAP-FXD 6pF +-4.16% 50 V CER C0G	06352	C2012C0G1H060CT
C157	0160-7370	1	CAP-FXD 3pF +-8.33% 50 V CER C0G	06352	C2012C0G1H030CT
C158	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C159	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C160	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C161	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C162	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C163	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C164	0160-7749	1	CAP-FXD 22pF +-5% 50 V CER C0G	06352	C1608C0G1H220JT8P
C165	0160-7857	1	CAP-FXD 39pF +-5% 50 V CER C0G	02010	06035A390JAT
C166	0160-7749	1	CAP-FXD 22pF +-5% 50 V CER C0G	06352	C1608C0G1H220JT8P
C167	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C168	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C169	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C170	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C171	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C172	0160-7749	1	CAP-FXD 22pF +-5% 50 V CER C0G	06352	C1608C0G1H220JT8P
C173	0160-7857	1	CAP-FXD 39pF +-5% 50 V CER C0G	02010	06035A390JAT
C174	0160-7749	1	CAP-FXD 22pF +-5% 50 V CER C0G	06352	C1608C0G1H220JT8P
C175	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C176	0160-7370	1	CAP-FXD 3pF +-8.33% 50 V CER C0G	06352	C2012C0G1H030CT
C177	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J

**Indicates factory-selected value*

HP Part Number E4423-60020
Sampler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C178	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C179	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C180	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C181	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C182	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C183	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C184	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C185	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C186	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C187	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C188	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C189	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C190	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C192	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C193	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C194	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C195	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C196	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C197	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C198	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C199	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C200	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C201	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C202	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C203	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C204	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C205	0160-7749	1	CAP-FXD 22pF +-5% 50 V CER C0G	06352	C1608C0G1H220JT8P
C206	0160-7857	1	CAP-FXD 39pF +-5% 50 V CER C0G	02010	06035A390JAT
C207	0160-7749	1	CAP-FXD 22pF +-5% 50 V CER C0G	06352	C1608C0G1H220JT8P
C208	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C209	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C210	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C211	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C212	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C213	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT

**Indicates factory-selected value*

HP Part Number E4423-60020
Sampler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C214	0160-7855	1	CAP-FXD 33pF +-5% 50 V CER C0G	02010	06035A330JAT
C215	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C216	0160-7855	1	CAP-FXD 33pF +-5% 50 V CER C0G	02010	06035A330JAT
C217	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C218	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C219	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C220	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C222	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C223	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C224	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C225	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C226	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C227	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C228	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C229	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C230	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C231	0180-4116	1	CAP-FXD 22uF +-20% 20 V TA	02010	TAJD226M020
C232	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C233	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C234	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C235	0160-7857	1	CAP-FXD 39pF +-5% 50 V CER C0G	02010	06035A390JAT
C236	0160-7405	1	CAP-FXD 560pF +-5% 50 V CER C0G	06352	C2012C0G1H561J
C237	0160-5970	1	CAP-FXD 3.9pF +-6.41% 50 V CER C0G	09939	GRM40-001C0G3R9C050C
C238	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C239	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C240	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C241	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C242	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C243	0160-7857	1	CAP-FXD 39pF +-5% 50 V CER C0G	02010	06035A390JAT
C244	0160-7405	1	CAP-FXD 560pF +-5% 50 V CER C0G	06352	C2012C0G1H561J
C245	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C246	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C247	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C248	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C249	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K

**Indicates factory-selected value*

HP Part Number E4423-60020
Sampler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C250	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C251	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C252	0160-6780	1	CAP-FXD 0.022uF +-5% 63 V POLYE-MET	06127	MKS2 0.022UF/63V/5%
C253	0160-7370	1	CAP-FXD 3pF +-8.33% 50 V CER C0G	06352	C2012C0G1H030CT
C254	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C255	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C257	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C258	0180-5064	1	CAP-FXD 47uF +-20% 35 V AL-ELCTLT	00779	UWF1V470MBR
C259	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C260	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C261	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C262	0180-5010	1	CAP-FXD 68uF +-20% 25 V AL-ELCTLT	00779	UWF1E680MBR
C263	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C264	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C265	0180-5009	1	CAP-FXD 100uF +-20% 16 V AL-ELCTLT	00779	UWF1C101MBR
C266	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C267	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C268	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C269	0160-7712	1	CAP-FXD 1500pF +-10% 50 V CER X7R	02010	06035C152KATRA
C270	0180-4116	1	CAP-FXD 22uF +-20% 20 V TA	02010	TAJD226M020
C271	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C272	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C273	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C274	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C275	0160-7712	1	CAP-FXD 1500pF +-10% 50 V CER X7R	02010	06035C152KATRA
C276	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C277	0160-7712	1	CAP-FXD 1500pF +-10% 50 V CER X7R	02010	06035C152KATRA
C278	0180-4116	1	CAP-FXD 22uF +-20% 20 V TA	02010	TAJD226M020
C279	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C280	0160-7712	1	CAP-FXD 1500pF +-10% 50 V CER X7R	02010	06035C152KATRA
C281	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C283	0160-7712	1	CAP-FXD 1500pF +-10% 50 V CER X7R	02010	06035C152KATRA
C284	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C285	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C286	0180-5009	1	CAP-FXD 100uF +-20% 16 V AL-ELCTLT	00779	UWF1C101MBR

**Indicates factory-selected value*

HP Part Number E4423-60020
Sampler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C287	0180-4116	1	CAP-FXD 22uF +-20% 20 V TA	02010	TAJD226M020
C288	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C289	0180-5010	1	CAP-FXD 68uF +-20% 25 V AL-ELCTLT	00779	UWF1E680MBR
C290	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C291	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C292	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C293	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C294	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C295	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C296	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C297	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C298	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C299	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C300	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C301	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C302	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C303	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C304	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C305	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C306	0160-7861	1	CAP-FXD 47pF +-5% 50 V CER C0G	02010	06035A470JAT
C307	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C308	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C309	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C310	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C311	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C312	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C313	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C314	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C315	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C316	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C317	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C320	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C321	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C322	0160-7370	1	CAP-FXD 3pF +-8.33% 50 V CER C0G	06352	C2012C0G1H030CT
C323	0160-7370	1	CAP-FXD 3pF +-8.33% 50 V CER C0G	06352	C2012C0G1H030CT

**Indicates factory-selected value*

HP Part Number E4423-60020
Sampler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C324	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C325	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C326	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C327	0180-4116	1	CAP-FXD 22uF +-20% 20 V TA	02010	TAJD226M020
C328	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C329	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C330	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C350	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C351	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C352	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C353	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C354	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C355	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C356	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C357	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C358	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C359	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C360	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C361	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C362	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C363	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C364	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
CR1	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR2	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR3	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR4	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR5	0122-0173	1	DIODE-VVC 13.5PF 7% C 3/C25-MIN=5	28480	0122-0173
CR6	0122-0173	1	DIODE-VVC 13.5PF 7% C 3/C25-MIN=5	28480	0122-0173
CR7	0122-0173	1	DIODE-VVC 13.5PF 7% C 3/C25-MIN=5	28480	0122-0173
CR8	0122-0173	1	DIODE-VVC 13.5PF 7% C 3/C25-MIN=5	28480	0122-0173
CR9	1906-0467	1	DIODE-SER-S-BARR VF DIFF=.25MV TO-236AB	01542	HSMS-2852
CR10	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR11	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR12	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR13	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16

**Indicates factory-selected value*

HP Part Number E4423-60020
Sampler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
CR14	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR15	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR16	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR17	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR18	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR19	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR20	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR21	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR22	1900-0273	1	DIODE-PIN	01542	HSMP-3892
CR23	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR24	1900-0074	1	DIODE-SCHOTTKY SM SIG	01542	1900-0074
CR26	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR27	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR28	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR29	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR30	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
DS1	1990-1772	1	LED-LAMP LUM-INT=1.6MCD IF=20MA-MAX	01542	HSMS-C670
DS2	1990-1772	1	LED-LAMP LUM-INT=1.6MCD IF=20MA-MAX	01542	HSMS-C670
E1	9170-1664	1	CORE-SHIELDING BEAD	06352	MMZ2012S181A
E2	9170-1584	1	CORE-SHIELDING BEAD	06352	MMZ2012Y102B
E3	9170-1664	1	CORE-SHIELDING BEAD	06352	MMZ2012S181A
E4	9170-1584	1	CORE-SHIELDING BEAD	06352	MMZ2012Y102B
E5	9170-1664	1	CORE-SHIELDING BEAD	06352	MMZ2012S181A
E6	9170-1584	1	CORE-SHIELDING BEAD	06352	MMZ2012Y102B
E7	9170-1584	1	CORE-SHIELDING BEAD	06352	MMZ2012Y102B
E8	9170-1664	1	CORE-SHIELDING BEAD	06352	MMZ2012S181A
E9	9170-1584	1	CORE-SHIELDING BEAD	06352	MMZ2012Y102B
E10	9170-1584	1	CORE-SHIELDING BEAD	06352	MMZ2012Y102B
E11	9170-1584	1	CORE-SHIELDING BEAD	06352	MMZ2012Y102B
E12	9170-1733	1	CORE-SHIELDING BEAD	11702	FBMH3225HM601N
E13	9170-1584	1	CORE-SHIELDING BEAD	06352	MMZ2012Y102B
E14	9170-1584	1	CORE-SHIELDING BEAD	06352	MMZ2012Y102B
E15	9170-1584	1	CORE-SHIELDING BEAD	06352	MMZ2012Y102B
E16	9170-1664	1	CORE-SHIELDING BEAD	06352	MMZ2012S181A
E17	9170-1584	1	CORE-SHIELDING BEAD	06352	MMZ2012Y102B

**Indicates factory-selected value*

HP Part Number E4423-60020
Sampler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
E18	9170-1664	1	CORE-SHIELDING BEAD	06352	MMZ2012S181A
E19	9170-1664	1	CORE-SHIELDING BEAD	06352	MMZ2012S181A
E20	9170-1664	1	CORE-SHIELDING BEAD	06352	MMZ2012S181A
E21	9170-1664	1	CORE-SHIELDING BEAD	06352	MMZ2012S181A
E22	9170-1584	1	CORE-SHIELDING BEAD	06352	MMZ2012Y102B
E23	9170-1584	1	CORE-SHIELDING BEAD	06352	MMZ2012Y102B
E24	9170-1664	1	CORE-SHIELDING BEAD	06352	MMZ2012S181A
E25	9170-1664	1	CORE-SHIELDING BEAD	06352	MMZ2012S181A
E26	9170-1584	1	CORE-SHIELDING BEAD	06352	MMZ2012Y102B
E27	9170-1584	1	CORE-SHIELDING BEAD	06352	MMZ2012Y102B
E28	9170-1664	1	CORE-SHIELDING BEAD	06352	MMZ2012S181A
E30	9170-1664	1	CORE-SHIELDING BEAD	06352	MMZ2012S181A
E31	9170-1584	1	CORE-SHIELDING BEAD	06352	MMZ2012Y102B
E32	9170-1664	1	CORE-SHIELDING BEAD	06352	MMZ2012S181A
E33	9170-1584	1	CORE-SHIELDING BEAD	06352	MMZ2012Y102B
E34	9170-1584	1	CORE-SHIELDING BEAD	06352	MMZ2012Y102B
E36	9170-1584	1	CORE-SHIELDING BEAD	06352	MMZ2012Y102B
E37	9170-1584	1	CORE-SHIELDING BEAD	06352	MMZ2012Y102B
E38	9170-1584	1	CORE-SHIELDING BEAD	06352	MMZ2012Y102B
E39	9170-1664	1	CORE-SHIELDING BEAD	06352	MMZ2012S181A
E40	9170-1584	1	CORE-SHIELDING BEAD	06352	MMZ2012Y102B
E41	9170-1584	1	CORE-SHIELDING BEAD	06352	MMZ2012Y102B
E42	9170-1584	1	CORE-SHIELDING BEAD	06352	MMZ2012Y102B
E43	9170-1664	1	CORE-SHIELDING BEAD	06352	MMZ2012S181A
E44	9170-1664	1	CORE-SHIELDING BEAD	06352	MMZ2012S181A
E45	9170-1733	1	CORE-SHIELDING BEAD	11702	FBMH3225HM601N
E46	9170-1733	1	CORE-SHIELDING BEAD	11702	FBMH3225HM601N
E47	9170-1664	1	CORE-SHIELDING BEAD	06352	MMZ2012S181A
E48	9170-1584	1	CORE-SHIELDING BEAD	06352	MMZ2012Y102B
E49	9170-1733	1	CORE-SHIELDING BEAD	11702	FBMH3225HM601N
E50	9170-1584	1	CORE-SHIELDING BEAD	06352	MMZ2012Y102B
E51	9170-1733	1	CORE-SHIELDING BEAD	11702	FBMH3225HM601N
E52	9170-1584	1	CORE-SHIELDING BEAD	06352	MMZ2012Y102B
E53	9170-1584	1	CORE-SHIELDING BEAD	06352	MMZ2012Y102B
J3	1250-2822	1	CONNECTOR-RF JACK	06860	82-1023-U50-0-3/111NH

**Indicates factory-selected value*

HP Part Number E4423-60020
Sampler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
J99	1250-2471	1	CONNECTOR-RF MCX,SM-SNP-ON FEMALE	01380	829558-3
L1	9140-2452	1	INDUCTOR 150nH +5% -5% .085W-INX.14LG-IN	01886	1206CS-151XJB
L2	9140-2209	1	INDUCTOR RF-CH-MLD 2.5uH	06352	ZCCS5001
L3	9140-2047	1	INDUCTOR 100nH +2% -2%	01886	1008CS-101XGBC
L4	9140-2047	1	INDUCTOR 100nH +2% -2%	01886	1008CS-101XGBC
L5	9140-1436	1	INDUCTOR 390nH +-5% 2.8W-mmX3.4LG-mm	06352	NL322522T-R39J
L6	9140-2452	1	INDUCTOR 150nH +5% -5% .085W-INX.14LG-IN	01886	1206CS-151XJB
L7	9140-2443	1	INDUCTOR 10nH +5% -5% .085W-INX.14LG-IN	01886	1206CS-100XJB
L8	9140-2443	1	INDUCTOR 10nH +5% -5% .085W-INX.14LG-IN	01886	1206CS-100XJB
L9	9140-2209	1	INDUCTOR RF-CH-MLD 2.5uH	06352	ZCCS5001
L10	9140-2153	1	INDUCTOR 6.8uH +2% -2%	01886	1812CS-682XGB
L11	9140-2153	1	INDUCTOR 6.8uH +2% -2%	01886	1812CS-682XGB
L12	9140-1111	1	INDUCTOR 6.8uH +-5% 3.4W-mmX4.8LG-mm	06352	NL453232-6R8J-3
L13	9140-2444	1	INDUCTOR 15uH +5% -5% .15W-INX.195LG-IN	01886	1812CS-153XJB
L14	9140-1111	1	INDUCTOR 6.8uH +-5% 3.4W-mmX4.8LG-mm	06352	NL453232-6R8J-3
L15	9140-1111	1	INDUCTOR 6.8uH +-5% 3.4W-mmX4.8LG-mm	06352	NL453232-6R8J-3
L16	9140-1111	1	INDUCTOR 6.8uH +-5% 3.4W-mmX4.8LG-mm	06352	NL453232-6R8J-3
L17	9140-1638	1	INDUCTOR 10uH +10% -10% 2.7W-mmX3.4LG-mm	06352	NLC322522T-100K
L18	9140-2452	1	INDUCTOR 150nH +5% -5% .085W-INX.14LG-IN	01886	1206CS-151XJB
L19	9140-1204	1	INDUCTOR 68nH +-5% 2.8W-mmX3.4LG-mm Q=27	09891	KL32TE068J
L20	9140-1660	1	INDUCTOR 17.5nH +5% -5% .12D-INX.27LG-IN	01886	B06T
L21	9140-2452	1	INDUCTOR 150nH +5% -5% .085W-INX.14LG-IN	01886	1206CS-151XJB
L22	9140-1111	1	INDUCTOR 6.8uH +-5% 3.4W-mmX4.8LG-mm	06352	NL453232-6R8J-3
L23	9140-1105	1	INDUCTOR 1uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-1R0J-3
L24	9140-2452	1	INDUCTOR 150nH +5% -5% .085W-INX.14LG-IN	01886	1206CS-151XJB
L25	9140-2452	1	INDUCTOR 150nH +5% -5% .085W-INX.14LG-IN	01886	1206CS-151XJB
L26	9140-2443	1	INDUCTOR 10nH +5% -5% .085W-INX.14LG-IN	01886	1206CS-100XJB
L27	9140-2443	1	INDUCTOR 10nH +5% -5% .085W-INX.14LG-IN	01886	1206CS-100XJB
L28	9140-2452	1	INDUCTOR 150nH +5% -5% .085W-INX.14LG-IN	01886	1206CS-151XJB
L29	9140-2452	1	INDUCTOR 150nH +5% -5% .085W-INX.14LG-IN	01886	1206CS-151XJB
L30	9140-2443	1	INDUCTOR 10nH +5% -5% .085W-INX.14LG-IN	01886	1206CS-100XJB
L31	9140-2443	1	INDUCTOR 10nH +5% -5% .085W-INX.14LG-IN	01886	1206CS-100XJB
L32	9140-2452	1	INDUCTOR 150nH +5% -5% .085W-INX.14LG-IN	01886	1206CS-151XJB
L33	9140-2443	1	INDUCTOR 10nH +5% -5% .085W-INX.14LG-IN	01886	1206CS-100XJB
L34	9140-2443	1	INDUCTOR 10nH +5% -5% .085W-INX.14LG-IN	01886	1206CS-100XJB

**Indicates factory-selected value*

HP Part Number E4423-60020
Sampler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
L35	9140-2443	1	INDUCTOR 10nH +5% -5% .085W-INX.14LG-IN	01886	1206CS-100XJB
L36	9140-1111	1	INDUCTOR 6.8uH +-5% 3.4W-mmX4.8LG-mm	06352	NL453232-6R8J-3
L37	9140-2449	1	INDUCTOR 6.8uH +10% -10%	01886	1206CS-060XKB
L38	9140-2452	1	INDUCTOR 150nH +5% -5% .085W-INX.14LG-IN	01886	1206CS-151XJB
L39	9140-2452	1	INDUCTOR 150nH +5% -5% .085W-INX.14LG-IN	01886	1206CS-151XJB
L40	9140-2449	1	INDUCTOR 6.8uH +10% -10%	01886	1206CS-060XKB
L41	9140-2452	1	INDUCTOR 150nH +5% -5% .085W-INX.14LG-IN	01886	1206CS-151XJB
L42	9140-2443	1	INDUCTOR 10nH +5% -5% .085W-INX.14LG-IN	01886	1206CS-100XJB
L43	9140-2443	1	INDUCTOR 10nH +5% -5% .085W-INX.14LG-IN	01886	1206CS-100XJB
L44	9140-2452	1	INDUCTOR 150nH +5% -5% .085W-INX.14LG-IN	01886	1206CS-151XJB
L45	9140-1204	1	INDUCTOR 68nH +-5% 2.8W-mmX3.4LG-mm Q=27	09891	KL32TE068J
L46	9140-1204	1	INDUCTOR 68nH +-5% 2.8W-mmX3.4LG-mm Q=27	09891	KL32TE068J
L47	9140-1111	1	INDUCTOR 6.8uH +-5% 3.4W-mmX4.8LG-mm	06352	NL453232-6R8J-3
L48	9140-1204	1	INDUCTOR 68nH +-5% 2.8W-mmX3.4LG-mm Q=27	09891	KL32TE068J
L49	9140-1204	1	INDUCTOR 68nH +-5% 2.8W-mmX3.4LG-mm Q=27	09891	KL32TE068J
L50	9140-2443	1	INDUCTOR 10nH +5% -5% .085W-INX.14LG-IN	01886	1206CS-100XJB
L51	9140-2452	1	INDUCTOR 150nH +5% -5% .085W-INX.14LG-IN	01886	1206CS-151XJB
L52	9140-2209	1	INDUCTOR RF-CH-MLD 2.5uH	06352	ZCCS5001
L53	9140-2209	1	INDUCTOR RF-CH-MLD 2.5uH	06352	ZCCS5001
L54	9140-2452	1	INDUCTOR 150nH +5% -5% .085W-INX.14LG-IN	01886	1206CS-151XJB
L55	9140-2452	1	INDUCTOR 150nH +5% -5% .085W-INX.14LG-IN	01886	1206CS-151XJB
L56	9140-1204	1	INDUCTOR 68nH +-5% 2.8W-mmX3.4LG-mm Q=27	09891	KL32TE068J
L57	9140-1204	1	INDUCTOR 68nH +-5% 2.8W-mmX3.4LG-mm Q=27	09891	KL32TE068J
L58	9140-1111	1	INDUCTOR 6.8uH +-5% 3.4W-mmX4.8LG-mm	06352	NL453232-6R8J-3
L59	9140-2452	1	INDUCTOR 150nH +5% -5% .085W-INX.14LG-IN	01886	1206CS-151XJB
L60	9140-2452	1	INDUCTOR 150nH +5% -5% .085W-INX.14LG-IN	01886	1206CS-151XJB
L62	9140-1111	1	INDUCTOR 6.8uH +-5% 3.4W-mmX4.8LG-mm	06352	NL453232-6R8J-3
L63	9140-1111	1	INDUCTOR 6.8uH +-5% 3.4W-mmX4.8LG-mm	06352	NL453232-6R8J-3
L64	9140-2000	1	INDUCTOR 68uH +20% -20%	01886	DO1608C-683
L65	9140-1736	1	INDUCTOR 47uH +20% -20% 7.3W-mmX7.3LG-mm	06353	636CY-470M
L66	9140-1784	1	INDUCTOR 100uH +-20% 9.4W-mmX12.95LG-mm	01886	DO3316-104
L67	9140-1638	1	INDUCTOR 10uH +10% -10% 2.7W-mmX3.4LG-mm	06352	NLC322522T-100K
L70	9140-1884	1	INDUCTOR .0047nH +10% -10%	06352	NLC453232T-4R7K
L71	9140-1784	1	INDUCTOR 100uH +-20% 9.4W-mmX12.95LG-mm	01886	DO3316-104
L72	9140-1736	1	INDUCTOR 47uH +20% -20% 7.3W-mmX7.3LG-mm	06353	636CY-470M

**Indicates factory-selected value*

HP Part Number E4423-60020
Sampler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
L73	9140-1111	1	INDUCTOR 6.8uH +-5% 3.4W-mmX4.8LG-mm	06352	NL453232-6R8J-3
L74	9140-1111	1	INDUCTOR 6.8uH +-5% 3.4W-mmX4.8LG-mm	06352	NL453232-6R8J-3
L100	9140-2209	1	INDUCTOR RF-CH-MLD 2.5uH	06352	ZCCS5001
MP2	E4423-20103	1	SAMPLER BASE BD	28480	E4423-20103
MP3	E4423-20104	1	SAMPLER BD BASE	28480	E4423-20104
MP4	E4423-40004	1	SHLD PLYIRON LID	28480	E4423-40004
MP5	8160-0985	1	GASKET-RFI-.145 INCH ID	03647	8563-0068-93
MP6	8160-0917	1	RFI GASKET CNDCT-ELSTMR 4.6-MM-ID	05100	19-05-13423-1285
MP7	8160-0917	1	RFI GASKET CNDCT-ELSTMR 4.6-MM-ID	05100	19-05-13423-1285
MP8	5002-2402	1	EXT LVL LEFT	28480	5002-2402
MP9	5002-2401	1	EXT LVL RIGHT	28480	5002-2401
MP10	8160-0448	5	RFI ROUND STRIP BE-CU SN-PL .062-IN-OD	10840	SS-04
MP11	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP12	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP13	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP14	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP15	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP16	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP17	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP18	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP19	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP20	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP21	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP22	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP23	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP24	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP25	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP26	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
P1	1252-1506	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	01380	535512-2
P2	1252-6521	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	01380	2-535512-2
P3	1252-1506	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	01380	535512-2
Q1	1853-0580	1	TRANSISTOR PNP SI SOT-23 (TO-236AB)	36633	MMBT4403LT1
Q2	1854-1265	1	TRANSISTOR NPN SI PD=500MW	02037	MRF9511LT1
Q3	1853-0580	1	TRANSISTOR PNP SI SOT-23 (TO-236AB)	36633	MMBT4403LT1
Q4	1853-0580	1	TRANSISTOR PNP SI SOT-23 (TO-236AB)	36633	MMBT4403LT1

**Indicates factory-selected value*

HP Part Number E4423-60020
Sampler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
Q5	1854-1270	1	TRANSISTOR NPN SI TO-261AA (SOT-223)	02910	PZT2222A
Q6	1854-1298	1	TRANSISTOR NPN SI PD=500MW	01542	AT-41486
Q7	1853-0580	1	TRANSISTOR PNP SI SOT-23 (TO-236AB)	36633	MMBT4403LT1
Q8	1853-0580	1	TRANSISTOR PNP SI SOT-23 (TO-236AB)	36633	MMBT4403LT1
Q9	1853-0580	1	TRANSISTOR PNP SI SOT-23 (TO-236AB)	36633	MMBT4403LT1
Q10	1854-1265	1	TRANSISTOR NPN SI PD=500MW	02037	MRF9511LT1
Q11	1853-0580	1	TRANSISTOR PNP SI SOT-23 (TO-236AB)	36633	MMBT4403LT1
Q12	1853-0580	1	TRANSISTOR PNP SI SOT-23 (TO-236AB)	36633	MMBT4403LT1
Q13	1854-1353	1	TRANSISTOR NPN SI PD=175MW	02037	MRF947BT1
Q14	1853-0580	1	TRANSISTOR PNP SI SOT-23 (TO-236AB)	36633	MMBT4403LT1
Q15	1853-0580	1	TRANSISTOR PNP SI SOT-23 (TO-236AB)	36633	MMBT4403LT1
Q16	1854-1265	1	TRANSISTOR NPN SI PD=500MW	02037	MRF9511LT1
Q17	1853-0580	1	TRANSISTOR PNP SI SOT-23 (TO-236AB)	36633	MMBT4403LT1
Q18	1854-1265	1	TRANSISTOR NPN SI PD=500MW	02037	MRF9511LT1
Q19	1853-0580	1	TRANSISTOR PNP SI SOT-23 (TO-236AB)	36633	MMBT4403LT1
Q20	1853-0580	1	TRANSISTOR PNP SI SOT-23 (TO-236AB)	36633	MMBT4403LT1
Q21	1854-1188	1	TRANSISTOR NPN SI SOT-23 (TO-236AB)	12125	KST4401
Q22	1853-0580	1	TRANSISTOR PNP SI SOT-23 (TO-236AB)	36633	MMBT4403LT1
Q23	1853-0580	1	TRANSISTOR PNP SI SOT-23 (TO-236AB)	36633	MMBT4403LT1
Q24	1854-1265	1	TRANSISTOR NPN SI PD=500MW	02037	MRF9511LT1
Q25	1855-0734	1	TRANSISTOR MOSFET 2N7002 N-CHAN E-MODE	02883	2N7002
Q26	1853-0580	1	TRANSISTOR PNP SI SOT-23 (TO-236AB)	36633	MMBT4403LT1
Q27	1854-1188	1	TRANSISTOR NPN SI SOT-23 (TO-236AB)	12125	KST4401
Q28	1854-1188	1	TRANSISTOR NPN SI SOT-23 (TO-236AB)	12125	KST4401
Q29	1854-1188	1	TRANSISTOR NPN SI SOT-23 (TO-236AB)	12125	KST4401
Q30	1854-1188	1	TRANSISTOR NPN SI SOT-23 (TO-236AB)	12125	KST4401
Q31	1855-0800	1	TRANSISTOR MOSFET N-CHAN E-MODE TO-252AA	12125	SSR3055L
Q32	1853-0724	1	TRANSISTOR PNP SI TO-261AA (SOT-223)	02910	PZT2907A
Q33	1855-0800	1	TRANSISTOR MOSFET N-CHAN E-MODE TO-252AA	12125	SSR3055L
Q34	1853-0724	1	TRANSISTOR PNP SI TO-261AA (SOT-223)	02910	PZT2907A
Q35	1854-1353	1	TRANSISTOR NPN SI PD=175MW	02037	MRF947BT1
Q36	1854-1353	1	TRANSISTOR NPN SI PD=175MW	02037	MRF947BT1
Q37	1854-1188	1	TRANSISTOR NPN SI SOT-23 (TO-236AB)	12125	KST4401
R1	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R2	0699-3367	1	RESISTOR 5.62K +-1% .0625W TKF TC=0+-200	06337	232270465622

**Indicates factory-selected value*

HP Part Number E4423-60020
Sampler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R3	0699-1318	1	RESISTOR 1K +-1% .125W TKF TC=0+-100	00746	MCR18-F-1001
R4	0699-3908	1	RESISTOR 19.6 +-1% .063W TKF TC=0+-200	09891	RK73H1J19R6F
R5	0699-3937	1	RESISTOR 348 +-1% .063W TKF TC=0+-200	00746	MCR03-F-3480
R6	0699-3910	1	RESISTOR 23.7 +-1% .063W TKF TC=0+-200	09891	RK73H1J23R7F
R7	0699-3910	1	RESISTOR 23.7 +-1% .063W TKF TC=0+-200	09891	RK73H1J23R7F
R8	0699-3910	1	RESISTOR 23.7 +-1% .063W TKF TC=0+-200	09891	RK73H1J23R7F
R9	0699-3910	1	RESISTOR 23.7 +-1% .063W TKF TC=0+-200	09891	RK73H1J23R7F
R10	0699-1356	1	RESISTOR 31.6 +-1% .125W TKF TC=0+-100	09891	RK73H2BT31R6F
R11	0699-1361	1	RESISTOR 51.1 +-1% .125W TKF TC=0+-100	05524	CRCW120651R1F
R12	0699-3906	1	RESISTOR 16.2 +-1% .063W TKF TC=0+-200	09891	RK73H1J16R2F
R13	0699-3906	1	RESISTOR 16.2 +-1% .063W TKF TC=0+-200	09891	RK73H1J16R2F
R14	0699-3906	1	RESISTOR 16.2 +-1% .063W TKF TC=0+-200	09891	RK73H1J16R2F
R15	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R16	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R17	0699-3935	1	RESISTOR 287 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2870
R18	0699-3935	1	RESISTOR 287 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2870
R19	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R20	0699-3932	1	RESISTOR 215 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2150
R21	0699-3956	1	RESISTOR 2.37K +-1% .063W TKF TC=0+-200	09891	RK73H1J2371F
R22	0699-3906	1	RESISTOR 16.2 +-1% .063W TKF TC=0+-200	09891	RK73H1J16R2F
R23	0699-3939	1	RESISTOR 422 +-1% .063W TKF TC=0+-200	00746	MCR03-EZH-F-4220
R24	0699-3903	1	RESISTOR 12.1 +-1% .063W TKF TC=0+-200	09891	RK7H1J12R1F
R25	0699-3939	1	RESISTOR 422 +-1% .063W TKF TC=0+-200	00746	MCR03-EZH-F-4220
R26	0699-3910	1	RESISTOR 23.7 +-1% .063W TKF TC=0+-200	09891	RK73H1J23R7F
R27	0699-3932	1	RESISTOR 215 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2150
R28	0699-3932	1	RESISTOR 215 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2150
R29	0699-3903	1	RESISTOR 12.1 +-1% .063W TKF TC=0+-200	09891	RK7H1J12R1F
R30	0699-3939	1	RESISTOR 422 +-1% .063W TKF TC=0+-200	00746	MCR03-EZH-F-4220
R31	0699-3939	1	RESISTOR 422 +-1% .063W TKF TC=0+-200	00746	MCR03-EZH-F-4220
R32	0699-3932	1	RESISTOR 215 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2150
R33	0699-1347	1	RESISTOR 13.3 +-1% .125W TKF TC=0+-100	09891	RK73H2BT13R3F
R34	0699-3956	1	RESISTOR 2.37K +-1% .063W TKF TC=0+-200	09891	RK73H1J2371F
R35	0699-3904	1	RESISTOR 13.3 +-1% .063W TKF TC=0+-200	00746	MCR03-F-13R3
R36	0699-3915	1	RESISTOR 38.3 +-1% .063W TKF TC=0+-200	09891	RK73H1J38R3F
R37	0699-3904	1	RESISTOR 13.3 +-1% .063W TKF TC=0+-200	00746	MCR03-F-13R3

**Indicates factory-selected value*

HP Part Number E4423-60020
Sampler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R38	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R39	0699-3367	1	RESISTOR 5.62K +-1% .0625W TKF TC=0+-200	06337	232270465622
R40	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R41	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R42	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R43	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R44	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R45	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R46	0699-3956	1	RESISTOR 2.37K +-1% .063W TKF TC=0+-200	09891	RK73H1J2371F
R47	0699-3956	1	RESISTOR 2.37K +-1% .063W TKF TC=0+-200	09891	RK73H1J2371F
R48	0699-3956	1	RESISTOR 2.37K +-1% .063W TKF TC=0+-200	09891	RK73H1J2371F
R49	0699-3956	1	RESISTOR 2.37K +-1% .063W TKF TC=0+-200	09891	RK73H1J2371F
R50	0699-3956	1	RESISTOR 2.37K +-1% .063W TKF TC=0+-200	09891	RK73H1J2371F
R51	0699-3956	1	RESISTOR 2.37K +-1% .063W TKF TC=0+-200	09891	RK73H1J2371F
R52	0699-3930	1	RESISTOR 178 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1780
R53	0699-3930	1	RESISTOR 178 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1780
R54	0699-3977	1	RESISTOR 19.6K +-1% .063W TKF TC=0+-200	09891	RK73H1J1962F
R55	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R56	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R57	0699-3951	1	RESISTOR 1.47K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1471
R58	0699-3956	1	RESISTOR 2.37K +-1% .063W TKF TC=0+-200	09891	RK73H1J2371F
R59	0699-3951	1	RESISTOR 1.47K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1471
R60	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R61	0699-3927	1	RESISTOR 133 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1330
R62	0699-3927	1	RESISTOR 133 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1330
R63	0699-3935	1	RESISTOR 287 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2870
R64	0699-3935	1	RESISTOR 287 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2870
R65	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R66	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R67	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R68	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R69	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R70	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R71	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R72	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001

**Indicates factory-selected value*

HP Part Number E4423-60020
Sampler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R73	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R74	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	09891	RK73H1J1003F
R75	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	09891	RK73H1J1003F
R76	0699-3960	1	RESISTOR 3.48K +-1% .063W TKF TC=0+-200	09891	RK73H1J3481F
R77	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R78	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R79	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R80	0699-3958	1	RESISTOR 2.87K +-1% .063W TKF TC=0+-200	09891	RK73H1J2871F
R81	0699-3944	1	RESISTOR 750 +-1% .063W TKF TC=0+-200	09891	RK73H1J7500F
R82	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R83	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R84	0699-3977	1	RESISTOR 19.6K +-1% .063W TKF TC=0+-200	09891	RK73H1J1962F
R85	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R86	0699-3951	1	RESISTOR 1.47K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1471
R87	0699-3951	1	RESISTOR 1.47K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1471
R88	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R89	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R90	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R91	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R92	0699-3959	1	RESISTOR 3.16K +-1% .063W TKF TC=0+-200	00746	MCR03-F-3161
R93	0699-3959	1	RESISTOR 3.16K +-1% .063W TKF TC=0+-200	00746	MCR03-F-3161
R94	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R95	0699-3909	1	RESISTOR 21.5 +-1% .063W TKF TC=0+-200	09891	RK73H1J21R5F
R96	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R97	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R98	0699-3945	1	RESISTOR 825 +-1% .063W TKF TC=0+-200	00746	MCR03-F-8250
R99	0699-3932	1	RESISTOR 215 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2150
R102	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R103	0699-3931	1	RESISTOR 196 +-1% .063W TKF TC=0+-200	09891	RK73H1J1960F
R104	0699-1352	1	RESISTOR 21.5 +-1% .125W TKF TC=0+-100	05524	CRCW120621R5F
R105	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R106	0699-3951	1	RESISTOR 1.47K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1471
R107	0699-3951	1	RESISTOR 1.47K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1471
R108	0699-3932	1	RESISTOR 215 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2150
R109	0699-3951	1	RESISTOR 1.47K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1471

**Indicates factory-selected value*

HP Part Number E4423-60020
Sampler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R110	0699-3367	1	RESISTOR 5.62K +-1% .0625W TKF TC=0+-200	06337	232270465622
R111	0699-3943	1	RESISTOR 681 +-1% .063W TKF TC=0+-200	00746	MCR03-F-6810
R112	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R113	0699-3935	1	RESISTOR 287 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2870
R114	0699-3932	1	RESISTOR 215 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2150
R115	0699-3956	1	RESISTOR 2.37K +-1% .063W TKF TC=0+-200	09891	RK73H1J2371F
R116	0699-3906	1	RESISTOR 16.2 +-1% .063W TKF TC=0+-200	09891	RK73H1J16R2F
R117	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R118	0699-1365	1	RESISTOR 75 +-1% .125W TKF TC=0+-100	05524	CRCW120675R0F
R119	0699-1365	1	RESISTOR 75 +-1% .125W TKF TC=0+-100	05524	CRCW120675R0F
R120	0699-3920	1	RESISTOR 68.1 +-1% .063W TKF TC=0+-200	09891	RK73H1J68R1F
R121	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R122	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R123	0699-1415	1	RESISTOR 100 +-1% .125W TKF TC=0+-100	05524	CRCW12061000F
R124	0699-1415	1	RESISTOR 100 +-1% .125W TKF TC=0+-100	05524	CRCW12061000F
R125	0699-1415	1	RESISTOR 100 +-1% .125W TKF TC=0+-100	05524	CRCW12061000F
R126	0699-3906	1	RESISTOR 16.2 +-1% .063W TKF TC=0+-200	09891	RK73H1J16R2F
R127	0699-3906	1	RESISTOR 16.2 +-1% .063W TKF TC=0+-200	09891	RK73H1J16R2F
R128	0699-3906	1	RESISTOR 16.2 +-1% .063W TKF TC=0+-200	09891	RK73H1J16R2F
R129	0699-3906	1	RESISTOR 16.2 +-1% .063W TKF TC=0+-200	09891	RK73H1J16R2F
R130	0699-3936	1	RESISTOR 316 +-1% .063W TKF TC=0+-200	00746	MCR03-F-3160
R131	0699-3936	1	RESISTOR 316 +-1% .063W TKF TC=0+-200	00746	MCR03-F-3160
R132	0699-3932	1	RESISTOR 215 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2150
R133	0699-3906	1	RESISTOR 16.2 +-1% .063W TKF TC=0+-200	09891	RK73H1J16R2F
R134	0699-3956	1	RESISTOR 2.37K +-1% .063W TKF TC=0+-200	09891	RK73H1J2371F
R135	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R136	0699-3910	1	RESISTOR 23.7 +-1% .063W TKF TC=0+-200	09891	RK73H1J23R7F
R137	0699-3932	1	RESISTOR 215 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2150
R138	0699-3932	1	RESISTOR 215 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2150
R139	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R140	0699-3367	1	RESISTOR 5.62K +-1% .0625W TKF TC=0+-200	06337	232270465622
R141	0699-1318	1	RESISTOR 1K +-1% .125W TKF TC=0+-100	00746	MCR18-F-1001
R142	0699-3908	1	RESISTOR 19.6 +-1% .063W TKF TC=0+-200	09891	RK73H1J19R6F
R143	0699-3937	1	RESISTOR 348 +-1% .063W TKF TC=0+-200	00746	MCR03-F-3480
R144	0699-1355	1	RESISTOR 28.7 +-1% .125W TKF TC=0+-100	09891	RK73H2BT28R7F

**Indicates factory-selected value*

HP Part Number E4423-60020
Sampler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R145	0699-1360	1	RESISTOR 46.4 +-1% .125W TKF TC=0+-100	05524	CRCW120646R4F
R146	0699-3910	1	RESISTOR 23.7 +-1% .063W TKF TC=0+-200	09891	RK73H1J23R7F
R147	0699-3910	1	RESISTOR 23.7 +-1% .063W TKF TC=0+-200	09891	RK73H1J23R7F
R148	0699-3910	1	RESISTOR 23.7 +-1% .063W TKF TC=0+-200	09891	RK73H1J23R7F
R149	0699-3910	1	RESISTOR 23.7 +-1% .063W TKF TC=0+-200	09891	RK73H1J23R7F
R150	0699-3910	1	RESISTOR 23.7 +-1% .063W TKF TC=0+-200	09891	RK73H1J23R7F
R151	0699-3932	1	RESISTOR 215 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2150
R152	0699-3932	1	RESISTOR 215 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2150
R153	0699-3932	1	RESISTOR 215 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2150
R154	0699-3906	1	RESISTOR 16.2 +-1% .063W TKF TC=0+-200	09891	RK73H1J16R2F
R155	0699-3956	1	RESISTOR 2.37K +-1% .063W TKF TC=0+-200	09891	RK73H1J2371F
R156	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R157	0699-3926	1	RESISTOR 121 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1210
R158	0699-3921	1	RESISTOR 75 +-1% .063W TKF TC=0+-200	00746	MCR03-F-75R0
R159	0699-3921	1	RESISTOR 75 +-1% .063W TKF TC=0+-200	00746	MCR03-F-75R0
R160	0699-3932	1	RESISTOR 215 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2150
R161	0699-3906	1	RESISTOR 16.2 +-1% .063W TKF TC=0+-200	09891	RK73H1J16R2F
R162	0699-3956	1	RESISTOR 2.37K +-1% .063W TKF TC=0+-200	09891	RK73H1J2371F
R163	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R164	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R165	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R166	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R167	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R168	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R169	0699-3920	1	RESISTOR 68.1 +-1% .063W TKF TC=0+-200	09891	RK73H1J68R1F
R170	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R171	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R172	0699-3977	1	RESISTOR 19.6K +-1% .063W TKF TC=0+-200	09891	RK73H1J1962F
R173	0699-3951	1	RESISTOR 1.47K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1471
R174	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R175	0699-3956	1	RESISTOR 2.37K +-1% .063W TKF TC=0+-200	09891	RK73H1J2371F
R176	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R177	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R178	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R179	0699-3932	1	RESISTOR 215 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2150

**Indicates factory-selected value*

HP Part Number E4423-60020
Sampler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R180	0699-3956	1	RESISTOR 2.37K +-1% .063W TKF TC=0+-200	09891	RK73H1J2371F
R181	0699-1347	1	RESISTOR 13.3 +-1% .125W TKF TC=0+-100	09891	RK73H2BT13R3F
R182	0699-1318	1	RESISTOR 1K +-1% .125W TKF TC=0+-100	00746	MCR18-F-1001
R183	0699-3915	1	RESISTOR 38.3 +-1% .063W TKF TC=0+-200	09891	RK73H1J38R3F
R184	0699-3928	1	RESISTOR 147 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1470
R185	0699-3928	1	RESISTOR 147 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1470
R186	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R187	0699-3367	1	RESISTOR 5.62K +-1% .0625W TKF TC=0+-200	06337	232270465622
R188	0699-1318	1	RESISTOR 1K +-1% .125W TKF TC=0+-100	00746	MCR18-F-1001
R189	0699-3908	1	RESISTOR 19.6 +-1% .063W TKF TC=0+-200	09891	RK73H1J19R6F
R190	0699-3937	1	RESISTOR 348 +-1% .063W TKF TC=0+-200	00746	MCR03-F-3480
R191	0699-3910	1	RESISTOR 23.7 +-1% .063W TKF TC=0+-200	09891	RK73H1J23R7F
R192	0699-3910	1	RESISTOR 23.7 +-1% .063W TKF TC=0+-200	09891	RK73H1J23R7F
R193	0699-3910	1	RESISTOR 23.7 +-1% .063W TKF TC=0+-200	09891	RK73H1J23R7F
R194	0699-3910	1	RESISTOR 23.7 +-1% .063W TKF TC=0+-200	09891	RK73H1J23R7F
R195	0699-1356	1	RESISTOR 31.6 +-1% .125W TKF TC=0+-100	09891	RK73H2BT31R6F
R196	0699-1361	1	RESISTOR 51.1 +-1% .125W TKF TC=0+-100	05524	CRCW120651R1F
R197	0699-3903	1	RESISTOR 12.1 +-1% .063W TKF TC=0+-200	09891	RK7H1J12R1F
R198	0699-3903	1	RESISTOR 12.1 +-1% .063W TKF TC=0+-200	09891	RK7H1J12R1F
R199	0699-3917	1	RESISTOR 46.4 +-1% .063W TKF TC=0+-200	09891	RK73H1J46R4F
R200	0699-3910	1	RESISTOR 23.7 +-1% .063W TKF TC=0+-200	09891	RK73H1J23R7F
R201	0699-3932	1	RESISTOR 215 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2150
R202	0699-3932	1	RESISTOR 215 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2150
R203	0699-1318	1	RESISTOR 1K +-1% .125W TKF TC=0+-100	00746	MCR18-F-1001
R204	0699-3908	1	RESISTOR 19.6 +-1% .063W TKF TC=0+-200	09891	RK73H1J19R6F
R205	0699-3937	1	RESISTOR 348 +-1% .063W TKF TC=0+-200	00746	MCR03-F-3480
R206	0699-3367	1	RESISTOR 5.62K +-1% .0625W TKF TC=0+-200	06337	232270465622
R207	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R208	0699-1356	1	RESISTOR 31.6 +-1% .125W TKF TC=0+-100	09891	RK73H2BT31R6F
R209	0699-1361	1	RESISTOR 51.1 +-1% .125W TKF TC=0+-100	05524	CRCW120651R1F
R210	0699-3910	1	RESISTOR 23.7 +-1% .063W TKF TC=0+-200	09891	RK73H1J23R7F
R211	0699-3910	1	RESISTOR 23.7 +-1% .063W TKF TC=0+-200	09891	RK73H1J23R7F
R212	0699-3910	1	RESISTOR 23.7 +-1% .063W TKF TC=0+-200	09891	RK73H1J23R7F
R213	0699-3910	1	RESISTOR 23.7 +-1% .063W TKF TC=0+-200	09891	RK73H1J23R7F
R214	0699-3910	1	RESISTOR 23.7 +-1% .063W TKF TC=0+-200	09891	RK73H1J23R7F

**Indicates factory-selected value*

HP Part Number E4423-60020
Sampler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R215	0699-3932	1	RESISTOR 215 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2150
R216	0699-3932	1	RESISTOR 215 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2150
R217	0699-3921	1	RESISTOR 75 +-1% .063W TKF TC=0+-200	00746	MCR03-F-75R0
R218	0699-3926	1	RESISTOR 121 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1210
R219	0699-3921	1	RESISTOR 75 +-1% .063W TKF TC=0+-200	00746	MCR03-F-75R0
R220	0699-3932	1	RESISTOR 215 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2150
R221	0699-1346	1	RESISTOR 12.1 +-1% .125W TKF TC=0+-100	05524	CRCW120612R1F
R222	0699-3956	1	RESISTOR 2.37K +-1% .063W TKF TC=0+-200	09891	RK73H1J2371F
R223	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R224	0699-3926	1	RESISTOR 121 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1210
R225	0699-3926	1	RESISTOR 121 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1210
R226	0699-3920	1	RESISTOR 68.1 +-1% .063W TKF TC=0+-200	09891	RK73H1J68R1F
R227	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R228	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R229	0699-3932	1	RESISTOR 215 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2150
R230	0699-3956	1	RESISTOR 2.37K +-1% .063W TKF TC=0+-200	09891	RK73H1J2371F
R231	0699-3906	1	RESISTOR 16.2 +-1% .063W TKF TC=0+-200	09891	RK73H1J16R2F
R232	0699-3903	1	RESISTOR 12.1 +-1% .063W TKF TC=0+-200	09891	RK7H1J12R1F
R233	0699-3903	1	RESISTOR 12.1 +-1% .063W TKF TC=0+-200	09891	RK7H1J12R1F
R234	0699-3917	1	RESISTOR 46.4 +-1% .063W TKF TC=0+-200	09891	RK73H1J46R4F
R235	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R236	0699-3956	1	RESISTOR 2.37K +-1% .063W TKF TC=0+-200	09891	RK73H1J2371F
R237	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R238	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R239	0699-3921	1	RESISTOR 75 +-1% .063W TKF TC=0+-200	00746	MCR03-F-75R0
R240	0699-3921	1	RESISTOR 75 +-1% .063W TKF TC=0+-200	00746	MCR03-F-75R0
R241	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R242	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R243	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R244	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R245	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R246	0699-3956	1	RESISTOR 2.37K +-1% .063W TKF TC=0+-200	09891	RK73H1J2371F
R247	0699-3956	1	RESISTOR 2.37K +-1% .063W TKF TC=0+-200	09891	RK73H1J2371F
R248	0699-3956	1	RESISTOR 2.37K +-1% .063W TKF TC=0+-200	09891	RK73H1J2371F
R249	0699-3956	1	RESISTOR 2.37K +-1% .063W TKF TC=0+-200	09891	RK73H1J2371F

**Indicates factory-selected value*

HP Part Number E4423-60020
Sampler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R250	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R251	0699-3921	1	RESISTOR 75 +-1% .063W TKF TC=0+-200	00746	MCR03-F-75R0
R254	0699-3367	1	RESISTOR 5.62K +-1% .0625W TKF TC=0+-200	06337	232270465622
R255	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R256	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R257	0699-3956	1	RESISTOR 2.37K +-1% .063W TKF TC=0+-200	09891	RK73H1J2371F
R258	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R259	0699-3367	1	RESISTOR 5.62K +-1% .0625W TKF TC=0+-200	06337	232270465622
R260	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R261	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R262	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R263	0699-1318	1	RESISTOR 1K +-1% .125W TKF TC=0+-100	00746	MCR18-F-1001
R264	0699-3908	1	RESISTOR 19.6 +-1% .063W TKF TC=0+-200	09891	RK73H1J19R6F
R265	0699-3937	1	RESISTOR 348 +-1% .063W TKF TC=0+-200	00746	MCR03-F-3480
R266	0699-3910	1	RESISTOR 23.7 +-1% .063W TKF TC=0+-200	09891	RK73H1J23R7F
R267	0699-3910	1	RESISTOR 23.7 +-1% .063W TKF TC=0+-200	09891	RK73H1J23R7F
R268	0699-3910	1	RESISTOR 23.7 +-1% .063W TKF TC=0+-200	09891	RK73H1J23R7F
R269	0699-3910	1	RESISTOR 23.7 +-1% .063W TKF TC=0+-200	09891	RK73H1J23R7F
R270	0699-1356	1	RESISTOR 31.6 +-1% .125W TKF TC=0+-100	09891	RK73H2BT31R6F
R271	0699-1361	1	RESISTOR 51.1 +-1% .125W TKF TC=0+-100	05524	CRCW120651R1F
R272	0699-3923	1	RESISTOR 90.9 +-1% .063W TKF TC=0+-200	00746	MCR03-F-90R9
R273	0699-3922	1	RESISTOR 82.5 +-1% .063W TKF TC=0+-200	09891	RK73H1J82R5F
R274	0699-3922	1	RESISTOR 82.5 +-1% .063W TKF TC=0+-200	09891	RK73H1J82R5F
R278	0699-3932	1	RESISTOR 215 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2150
R279	0699-3956	1	RESISTOR 2.37K +-1% .063W TKF TC=0+-200	09891	RK73H1J2371F
R280	0699-3904	1	RESISTOR 13.3 +-1% .063W TKF TC=0+-200	00746	MCR03-F-13R3
R281	0699-3915	1	RESISTOR 38.3 +-1% .063W TKF TC=0+-200	09891	RK73H1J38R3F
R282	0699-3928	1	RESISTOR 147 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1470
R283	0699-3928	1	RESISTOR 147 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1470
R284	0699-3367	1	RESISTOR 5.62K +-1% .0625W TKF TC=0+-200	06337	232270465622
R285	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R286	0699-3921	1	RESISTOR 75 +-1% .063W TKF TC=0+-200	00746	MCR03-F-75R0
R287	0699-3977	1	RESISTOR 19.6K +-1% .063W TKF TC=0+-200	09891	RK73H1J1962F
R288	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R289	0699-3960	1	RESISTOR 3.48K +-1% .063W TKF TC=0+-200	09891	RK73H1J3481F

**Indicates factory-selected value*

HP Part Number E4423-60020
Sampler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R290	0699-3953	1	RESISTOR 1.78K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1781
R291	0699-3956	1	RESISTOR 2.37K +-1% .063W TKF TC=0+-200	09891	RK73H1J2371F
R292	0699-3951	1	RESISTOR 1.47K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1471
R293	0699-3921	1	RESISTOR 75 +-1% .063W TKF TC=0+-200	00746	MCR03-F-75R0
R294	0699-3921	1	RESISTOR 75 +-1% .063W TKF TC=0+-200	00746	MCR03-F-75R0
R295	0699-3921	1	RESISTOR 75 +-1% .063W TKF TC=0+-200	00746	MCR03-F-75R0
R296	0699-3921	1	RESISTOR 75 +-1% .063W TKF TC=0+-200	00746	MCR03-F-75R0
R297	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R298	0699-3921	1	RESISTOR 75 +-1% .063W TKF TC=0+-200	00746	MCR03-F-75R0
R299	0699-3921	1	RESISTOR 75 +-1% .063W TKF TC=0+-200	00746	MCR03-F-75R0
R300	0699-3921	1	RESISTOR 75 +-1% .063W TKF TC=0+-200	00746	MCR03-F-75R0
R301	0699-3921	1	RESISTOR 75 +-1% .063W TKF TC=0+-200	00746	MCR03-F-75R0
R302	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R303	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R304	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	09891	RK73H1J1003F
R305	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	09891	RK73H1J1003F
R306	0699-3962	1	RESISTOR 4.22K +-1% .063W TKF TC=0+-200	09891	RK73H1J4221F
R307	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R308	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R309	0699-3935	1	RESISTOR 287 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2870
R310	0699-3935	1	RESISTOR 287 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2870
R311	0699-3943	1	RESISTOR 681 +-1% .063W TKF TC=0+-200	00746	MCR03-F-6810
R312	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R313	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R314	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R315	0699-3910	1	RESISTOR 23.7 +-1% .063W TKF TC=0+-200	09891	RK73H1J23R7F
R316	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R317	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R318	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R319	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R320	0699-2483	1	RESISTOR 4K +-0.1% .125W TF TC=0+-25	02499	W1206R034001BT
R321	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R322	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R323	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R324	0699-3975	1	RESISTOR 16.2K +-1% .063W TKF TC=0+-200	09891	RK73H1J1622F

**Indicates factory-selected value*

HP Part Number E4423-60020
Sampler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R325	0699-3975	1	RESISTOR 16.2K +-1% .063W TKF TC=0+-200	09891	RK73H1J1622F
R326	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R327	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R328	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R329	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R330	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R331	0699-1361	1	RESISTOR 51.1 +-1% .125W TKF TC=0+-100	05524	CRCW120651R1F
R332	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R333	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R334	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R335	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R336	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R337	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R338	0699-3959	1	RESISTOR 3.16K +-1% .063W TKF TC=0+-200	00746	MCR03-F-3161
R339	0699-3959	1	RESISTOR 3.16K +-1% .063W TKF TC=0+-200	00746	MCR03-F-3161
R340	0699-3959	1	RESISTOR 3.16K +-1% .063W TKF TC=0+-200	00746	MCR03-F-3161
R341	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R342	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R343	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R344	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R345	0699-3367	1	RESISTOR 5.62K +-1% .0625W TKF TC=0+-200	06337	232270465622
R346	0699-3975	1	RESISTOR 16.2K +-1% .063W TKF TC=0+-200	09891	RK73H1J1622F
R347	0699-3975	1	RESISTOR 16.2K +-1% .063W TKF TC=0+-200	09891	RK73H1J1622F
R348	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R349	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R350	0699-3962	1	RESISTOR 4.22K +-1% .063W TKF TC=0+-200	09891	RK73H1J4221F
R351	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R352	0699-1318	1	RESISTOR 1K +-1% .125W TKF TC=0+-100	00746	MCR18-F-1001
R353	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R354	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R355	0699-3959	1	RESISTOR 3.16K +-1% .063W TKF TC=0+-200	00746	MCR03-F-3161
R356	0699-3367	1	RESISTOR 5.62K +-1% .0625W TKF TC=0+-200	06337	232270465622
R357	0699-3959	1	RESISTOR 3.16K +-1% .063W TKF TC=0+-200	00746	MCR03-F-3161
R358	0699-3959	1	RESISTOR 3.16K +-1% .063W TKF TC=0+-200	00746	MCR03-F-3161
R359	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000

**Indicates factory-selected value*

HP Part Number E4423-60020
Sampler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R360	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R361	0699-3367	1	RESISTOR 5.62K +-1% .0625W TKF TC=0+-200	06337	232270465622
R362	0699-3960	1	RESISTOR 3.48K +-1% .063W TKF TC=0+-200	09891	RK73H1J3481F
R363	0699-2846	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	02499	W1206R035001BT
R364	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R365	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R366	0699-1361	1	RESISTOR 51.1 +-1% .125W TKF TC=0+-100	05524	CRCW120651R1F
R367	0699-1361	1	RESISTOR 51.1 +-1% .125W TKF TC=0+-100	05524	CRCW120651R1F
R368	0699-3959	1	RESISTOR 3.16K +-1% .063W TKF TC=0+-200	00746	MCR03-F-3161
R369	0699-3959	1	RESISTOR 3.16K +-1% .063W TKF TC=0+-200	00746	MCR03-F-3161
R370	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R371	0699-1344	1	RESISTOR 10 +-1% .125W TKF TC=0+-100	09891	RK73H2BT10R0F
R372	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R373	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R374	0699-3962	1	RESISTOR 4.22K +-1% .063W TKF TC=0+-200	09891	RK73H1J4221F
R375	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	09891	RK73H1J5111F
R376	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R377	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R378	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R379	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R380	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R381	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R382	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R383	0699-3997	1	RESISTOR 147K +-1% .063W TKF TC=0+-200	09891	RK73H1J1473F
R384	0699-3982	1	RESISTOR 31.6K +-1% .063W TKF TC=0+-200	09891	RK73H1J3162F
R385	0699-3955	1	RESISTOR 2.15K +-1% .063W TKF TC=0+-200	09891	RK73H1J2151F
R386	0699-3955	1	RESISTOR 2.15K +-1% .063W TKF TC=0+-200	09891	RK73H1J2151F
R387	0699-3955	1	RESISTOR 2.15K +-1% .063W TKF TC=0+-200	09891	RK73H1J2151F
R388	0699-3955	1	RESISTOR 2.15K +-1% .063W TKF TC=0+-200	09891	RK73H1J2151F
R389	0699-3955	1	RESISTOR 2.15K +-1% .063W TKF TC=0+-200	09891	RK73H1J2151F
R390	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R391	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R392	0699-3955	1	RESISTOR 2.15K +-1% .063W TKF TC=0+-200	09891	RK73H1J2151F
R393	0699-3955	1	RESISTOR 2.15K +-1% .063W TKF TC=0+-200	09891	RK73H1J2151F
R394	0699-3955	1	RESISTOR 2.15K +-1% .063W TKF TC=0+-200	09891	RK73H1J2151F

**Indicates factory-selected value*

HP Part Number E4423-60020
Sampler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R395	0699-3955	1	RESISTOR 2.15K +-1% .063W TKF TC=0+-200	09891	RK73H1J2151F
R396	0699-3955	1	RESISTOR 2.15K +-1% .063W TKF TC=0+-200	09891	RK73H1J2151F
R397	0699-3955	1	RESISTOR 2.15K +-1% .063W TKF TC=0+-200	09891	RK73H1J2151F
R398	0699-3977	1	RESISTOR 19.6K +-1% .063W TKF TC=0+-200	09891	RK73H1J1962F
R399	0699-4003	1	RESISTOR 261K +-1% .063W TKF TC=0+-200	09891	RK73H1J2613F
R400	0699-3956	1	RESISTOR 2.37K +-1% .063W TKF TC=0+-200	09891	RK73H1J2371F
R401	0699-3928	1	RESISTOR 147 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1470
R402	0699-3908	1	RESISTOR 19.6 +-1% .063W TKF TC=0+-200	09891	RK73H1J19R6F
R403	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	09891	RK73H1J5111F
R407	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R408	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	09891	RK73H1J5111F
R409	0699-3977	1	RESISTOR 19.6K +-1% .063W TKF TC=0+-200	09891	RK73H1J1962F
R410	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R411	0699-3574	1	RESISTOR 0 .0625W TKF	09891	RM73Z1JT
R412	0699-3977	1	RESISTOR 19.6K +-1% .063W TKF TC=0+-200	09891	RK73H1J1962F
R413	0699-3977	1	RESISTOR 19.6K +-1% .063W TKF TC=0+-200	09891	RK73H1J1962F
R414	0699-3977	1	RESISTOR 19.6K +-1% .063W TKF TC=0+-200	09891	RK73H1J1962F
R415	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R416	0699-3945	1	RESISTOR 825 +-1% .063W TKF TC=0+-200	00746	MCR03-F-8250
R417	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R418	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R419	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R420	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R421	0699-3935	1	RESISTOR 287 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2870
R422	0699-3935	1	RESISTOR 287 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2870
R423	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R424	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R440	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R441	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R442	0699-3939	1	RESISTOR 422 +-1% .063W TKF TC=0+-200	00746	MCR03-EZH-F-4220
R443	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R444	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R445	0699-3933	1	RESISTOR 237 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2370
R446	0699-3908	1	RESISTOR 19.6 +-1% .063W TKF TC=0+-200	09891	RK73H1J19R6F
R450	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F

**Indicates factory-selected value*

HP Part Number E4423-60020
Sampler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
T1	9100-5324	1	TRANSFORMER-BALUN WINDING TURNS:3 1/2	06353	617DB-1023
T2	9100-5670	1	TRANSFORMER-BALUN WINDING TURNS: 5	06353	617DB-1018
TP1	1460-2594	1	CONNECTOR-SGL CONT SPR .01-IN-BSC-SZ REC	12965	TP-108
TP2	1460-2594	1	CONNECTOR-SGL CONT SPR .01-IN-BSC-SZ REC	12965	TP-108
TP3	1460-2594	1	CONNECTOR-SGL CONT SPR .01-IN-BSC-SZ REC	12965	TP-108
TP4	1460-2594	1	CONNECTOR-SGL CONT SPR .01-IN-BSC-SZ REC	12965	TP-108
TP5	1460-2594	1	CONNECTOR-SGL CONT SPR .01-IN-BSC-SZ REC	12965	TP-108
TP6	1460-2594	1	CONNECTOR-SGL CONT SPR .01-IN-BSC-SZ REC	12965	TP-108
TP7	1460-2594	1	CONNECTOR-SGL CONT SPR .01-IN-BSC-SZ REC	12965	TP-108
TP8	1460-2594	1	CONNECTOR-SGL CONT SPR .01-IN-BSC-SZ REC	12965	TP-108
TP9	1460-2594	1	CONNECTOR-SGL CONT SPR .01-IN-BSC-SZ REC	12965	TP-108
TP10	1460-2594	1	CONNECTOR-SGL CONT SPR .01-IN-BSC-SZ REC	12965	TP-108
U1	1821-1485	1	IC DIVR ECL/100E DIV-X-4	36633	MC100EL33D
U2	1826-2133	1	IC RF/IF AMPL WB 4 PIN U-WAVE-PILL	01542	MSA-1105
U3	1826-2349	1	IC RF/IF AMPL LOW-NOISE 4 PIN .	01542	INA-10386
U4	1821-0766	1	IC-ASIC GT-ARY 248 GATES BIPOL-ANLG	36633	SC64029FN
U5	1826-1572	1	IC COMPARATOR PRCN DUAL 8 PIN PLSTC-SOIC	02910	LM393D
U7	1821-0616	1	IC DET 8 PIN PLSTC-SOIC	02037	MCK12140D
U8	1826-2145	1	ANALOG SWITCH 4 SPST 16 -P-SOIC	02883	DG413DY
U9	1826-2379	1	IC OP AMP VID-SPCL-FCTN SINGLE 8 PIN	03285	AD829JR
U10	1826-2145	1	ANALOG SWITCH 4 SPST 16 -P-SOIC	02883	DG413DY
U11	1826-2926	1	ANALOG SWITCH SPST 8 -P-SOIC	02883	DG419DY
U12	1826-2176	1	IC OP AMP PRCN DUAL 8 PIN PLSTC-SOIC	03285	AD712JR
U13	1826-2379	1	IC OP AMP VID-SPCL-FCTN SINGLE 8 PIN	03285	AD829JR
U14	1826-2176	1	IC OP AMP PRCN DUAL 8 PIN PLSTC-SOIC	03285	AD712JR
U15	1826-2175	1	IC RF/IF AMPL SINGLE 4 PIN U-WAVE-PILL	01542	HPMA-0386T15
U16	1826-2175	1	IC RF/IF AMPL SINGLE 4 PIN U-WAVE-PILL	01542	HPMA-0386T15
U17	1826-2175	1	IC RF/IF AMPL SINGLE 4 PIN U-WAVE-PILL	01542	HPMA-0386T15
U18	1826-2175	1	IC RF/IF AMPL SINGLE 4 PIN U-WAVE-PILL	01542	HPMA-0386T15
U19	1900-0330	1	DIODE, MICROWAVE SAMPLING PHASE DETECTOR	08852	MSPD2018-E50SM
U20	1826-2349	1	IC RF/IF AMPL LOW-NOISE 4 PIN	01542	INA-10386
U21	1826-2349	1	IC RF/IF AMPL LOW-NOISE 4 PIN	01542	INA-10386
U22	1826-2175	1	IC RF/IF AMPL SINGLE 4 PIN U-WAVE-PILL	01542	HPMA-0386T15
U23	1821-0977	1	IC DIVR ECL/100E DIV-X-2	36633	MC100EL32D
U24	1820-8450	1	IC CNTR ECL/100E BIN SYNCHRO	36633	MC100E016FNR2

**Indicates factory-selected value*

HP Part Number E4423-60020
Sampler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
U25	1821-1487	1	IC MUXR/DATA-SEL ECL/100E 2-TO-1-LINE	36633	MC100EL58D
U26	1826-2349	1	IC RF/IF AMPL LOW-NOISE 4 PIN	01542	INA-10386
U27	1821-0800	1	IC RCVR ECL/100E	36633	MC100EL16D
U28	1826-1572	1	IC COMPARATOR PRCN DUAL 8 PIN PLSTC-SOIC	02910	LM393D
U30	1821-0800	1	IC RCVR ECL/100E	36633	MC100EL16D
U31	1821-0977	1	IC DIVR ECL/100E DIV-X-2	36633	MC100EL32D
U32	1821-0977	1	IC DIVR ECL/100E DIV-X-2	36633	MC100EL32D
U33	1821-0616	1	IC DET 8 PIN PLSTC-SOIC	02037	MCK12140D
U34	1826-2379	1	IC OP AMP VID-SPCL-FCTN SINGLE 8 PIN	03285	AD829JR
U35	1821-2431	1	IC GATE CMOS NAND QUAD	02237	74VHC00MX
U36	1826-1985	1	ANALOG SWITCH 4 SPST 16 -P-SOIC	02883	DG411DY
U37	1826-2926	1	ANALOG SWITCH SPST 8 -P-SOIC	02883	DG419DY
U38	1826-2176	1	IC OP AMP PRCN DUAL 8 PIN PLSTC-SOIC	03285	AD712JR
U39	1826-2657	1	IC OP AMP PRCN SINGLE 8 PIN PLSTC-SOIC	05436	OPA627AU
U40	1826-1925	1	IC OP AMP LOW-NOISE SINGLE 8 PIN	03285	OP-27GS
U41	1826-3000	1	IC AUDIO AMPL LOW-NOISE DUAL 8 PIN	03285	OP275GS
U42	1826-1838	1	IC PWR MGT-V-REF-FXD 4.95/5.05V 8 PINS	10858	LT1021DCS8-5
U43	1826-3000	1	IC AUDIO AMPL LOW-NOISE DUAL 8 PIN	03285	OP275GS
U44	1826-2145	1	ANALOG SWITCH 4 SPST 16 -P-SOIC	02883	DG413DY
U45	1821-2553	1	IC MV CMOS MONOSTBL RETRIG DUAL	02237	74VHC123AMX
U46	1821-2431	1	IC GATE CMOS NAND QUAD	02237	74VHC00MX
U47	1820-6752	1	IC-ASIC GT-ARY CMOS 6206 PLCC	03406	SCX6206TQM/V2
U48	1818-5236	1	IC 4K-BIT EEPROM 500-NS CMOS	04078	M93C66-MN6
U49	1821-3980	1	IC DCDR-DEMUXR CMOS 3-TO-8-LINE	02237	74VHC138M
U50	1820-5752	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	02910	74HC574D
U51	1820-5752	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	02910	74HC574D
U52	1820-5752	1	IC FF CMOS/HC D-TYPE POS-EDGE-TRIG COM	02910	74HC574D
U53	1826-1864	1	D/A 8-BIT 20-PLCC CMOS	03285	AD7524KP
U54	1826-1925	1	IC OP AMP LOW-NOISE SINGLE 8 PIN	03285	OP-27GS
U55	1826-2147	1	ANALOG MULTIPLEXER 8 CHNL 16 -P-SOIC	02883	DG408DY
U56	1821-2553	1	IC MV CMOS MONOSTBL RETRIG DUAL	02237	74VHC123AMX
U57	1821-2431	1	IC GATE CMOS NAND QUAD	02237	74VHC00MX
Z1	0955-1099	1	U-WAVE MIXER 2500 MHZ MAX	02739	ADE-25MH
Z2	0955-1099	1	U-WAVE MIXER 2500 MHZ MAX	02739	ADE-25MH
Z3	0955-1099	1	U-WAVE MIXER 2500 MHZ MAX	02739	ADE-25MH

**Indicates factory-selected value*

HP Part Number E4423-60020
Sampler (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number

**Indicates factory-selected value*

Component-Level Information Packet for E4423-60019

Frac-N/Divider



HP Part No. E4423-90006
Printed in USA October 1999

Notice. The information contained in this document is subject to change without notice.

Hewlett-Packard makes no warranty of any kind with regard to this material, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Hewlett-Packard shall not be liable for errors contained herein or for incidental or consequential damages in connection with the furnishing, performance, or use of this material.

©Copyright Hewlett-Packard Company 1999
All Rights Reserved. Reproduction, adaptation, or translation without prior written permission is prohibited, except as allowed under the copyright laws.

HP Part Number E4423-60019
Frac-N/Divider

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C100	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C101	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C102	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C103	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C104	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C105	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C106	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C107	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C108	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C109	0160-7865	1	CAP-FXD 560pF +-10% 50 V CER X7R	02010	06035C561KAT
C110	0160-7511	1	CAP-FXD 270pF +-5% 50 V CER C0G	06352	C1608COG1H271J
C111	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C112	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C113	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C115	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C116	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C117	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C118	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C119	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C120	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C121	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C122	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C123	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C124	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C125	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C126	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C127	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C128	0160-7971	1	CAP-FXD 20pF +-5% 50 V CER C0G	02010	06035A200JAT
C129	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C130	0160-5949	1	CAP-FXD 680pF +-5% 50 V CER C0G	06352	C2012COG1H681J
C131	0160-7974	1	CAP-FXD 43pF +-5% 50 V CER C0G	12340	C0603C430J5GAC
C132	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C133	0160-7971	1	CAP-FXD 20pF +-5% 50 V CER C0G	02010	06035A200JAT
C134	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C135	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K

**Indicates factory-selected value*

HP Part Number E4423-60019
Frac-N/Divider (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C136	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C137	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C138	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C139	0180-3753	1	CAP-FXD 6.8uF +-20% 35 V TA	00039	NRD685M35R12
C140	0180-3753	1	CAP-FXD 6.8uF +-20% 35 V TA	00039	NRD685M35R12
C141	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C142	0160-8518	1	CAP-FXD 0.18uF +-10% 50 V CER X7R	12340	C1210C184K5RAC
C143	0160-7864	1	CAP-FXD 56pF +-5% 50 V CER C0G	02010	06035A560JAT
C144	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C145	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C146	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C147	0160-6444	1	CAP-FXD 0.022uF +-10% 50 V CER X7R	10374	GRM40X7R223K50
C148	0160-5469	1	CAP-FXD 1uF +-10% 50 V POLYE-MET	05524	MKT 1826-1UF 10% 63VDC
C149	0160-7809	1	CAP-FXD 0.015uF +-10% 50 V CER X7R	02010	06035C153KAT
C150	0160-7950	1	CAP-FXD 0.068uF +-10% 50 V CER X7R	12340	C0805C683K5RAC
C151	0160-7861	1	CAP-FXD 47pF +-5% 50 V CER C0G	02010	06035A470JAT
C152	0160-7861	1	CAP-FXD 47pF +-5% 50 V CER C0G	02010	06035A470JAT
C153	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C154	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C155	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C156	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C157	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C158	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C159	0180-4228	1	CAP-FXD 47uF +-20% 10 V TA	02010	TAJD476M010
C160	0160-7736	1	CAP-FXD 1uF +-10% 16 V CER X7R	06352	C3216X7R1C105K
C161	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C162	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C163	0160-6444	1	CAP-FXD 0.022uF +-10% 50 V CER X7R	10374	GRM40X7R223K50
C164	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C165	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C166	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C167	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C168	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C169	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C170	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT

**Indicates factory-selected value*

HP Part Number E4423-60019
Frac-N/Divider (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C171	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C172	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C173	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C174	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C175	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C176	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C177	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C178	0160-5951	1	CAP-FXD 390pF +-5% 50 V CER C0G	09939	GRM40C0G391J050C
C179	0160-5951	1	CAP-FXD 390pF +-5% 50 V CER C0G	09939	GRM40C0G391J050C
C180	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C181	0160-5951	1	CAP-FXD 390pF +-5% 50 V CER C0G	09939	GRM40C0G391J050C
C182	0160-5951	1	CAP-FXD 390pF +-5% 50 V CER C0G	09939	GRM40C0G391J050C
C183	0180-4116	1	CAP-FXD 22uF +-20% 20 V TA	02010	TAJD226M020
C184	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C185	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C186	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C187	0160-6102	1	CAP-FXD 1500pF +-5% 50 V CER C0G	06352	C3216CH1H152J
C188	0160-6102	1	CAP-FXD 1500pF +-5% 50 V CER C0G	06352	C3216CH1H152J
C189	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C190	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C191	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C192	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C193	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C194	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C195	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C196	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C197	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C198	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C199	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C200	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C201	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C202	0160-7809	1	CAP-FXD 0.015uF +-10% 50 V CER X7R	02010	06035C153KAT
C203	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C204	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C205	0180-3755	1	CAP-FXD 33uF +-20% 10 V TA	02010	TAJD336M010

**Indicates factory-selected value*

HP Part Number E4423-60019
Frac-N/Divider (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C206	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C207	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C208	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C209	0180-3755	1	CAP-FXD 33uF +-20% 10 V TA	02010	TAJD336M010
C210	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C211	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C212	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C213	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C214	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C215	0180-3755	1	CAP-FXD 33uF +-20% 10 V TA	02010	TAJD336M010
C216	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C217	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C218	0160-7809	1	CAP-FXD 0.015uF +-10% 50 V CER X7R	02010	06035C153KAT
C219	0160-7809	1	CAP-FXD 0.015uF +-10% 50 V CER X7R	02010	06035C153KAT
C220	0160-7809	1	CAP-FXD 0.015uF +-10% 50 V CER X7R	02010	06035C153KAT
C221	0160-7809	1	CAP-FXD 0.015uF +-10% 50 V CER X7R	02010	06035C153KAT
C222	0160-7809	1	CAP-FXD 0.015uF +-10% 50 V CER X7R	02010	06035C153KAT
C223	0160-7809	1	CAP-FXD 0.015uF +-10% 50 V CER X7R	02010	06035C153KAT
C224	0160-7809	1	CAP-FXD 0.015uF +-10% 50 V CER X7R	02010	06035C153KAT
C225	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C226	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C227	0160-7809	1	CAP-FXD 0.015uF +-10% 50 V CER X7R	02010	06035C153KAT
C228	0160-7809	1	CAP-FXD 0.015uF +-10% 50 V CER X7R	02010	06035C153KAT
C229	0160-7809	1	CAP-FXD 0.015uF +-10% 50 V CER X7R	02010	06035C153KAT
C230	0160-7809	1	CAP-FXD 0.015uF +-10% 50 V CER X7R	02010	06035C153KAT
C231	0160-7809	1	CAP-FXD 0.015uF +-10% 50 V CER X7R	02010	06035C153KAT
C232	0160-7809	1	CAP-FXD 0.015uF +-10% 50 V CER X7R	02010	06035C153KAT
C233	0160-7809	1	CAP-FXD 0.015uF +-10% 50 V CER X7R	02010	06035C153KAT
C234	0160-7809	1	CAP-FXD 0.015uF +-10% 50 V CER X7R	02010	06035C153KAT
C235	0160-7809	1	CAP-FXD 0.015uF +-10% 50 V CER X7R	02010	06035C153KAT
C236	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C237	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C238	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C239	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C240	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J

**Indicates factory-selected value*

HP Part Number E4423-60019
Frac-N/Divider (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C241	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C242	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C243	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C244	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C245	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C246	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C247	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C248	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C249	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C250	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C251	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C252	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C253	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C254	0160-7979	1	CAP-FXD 110pF +-5% 50 V CER C0G	12340	C0603C111J5GAC
C255	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C256	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C257	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C258	0160-7841	1	CAP-FXD 15pF +-5% 50 V CER C0G	02010	06035A150JAT
C259	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C260	0160-7809	1	CAP-FXD 0.015uF +-10% 50 V CER X7R	02010	06035C153KAT
C261	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C262	0160-7809	1	CAP-FXD 0.015uF +-10% 50 V CER X7R	02010	06035C153KAT
C263	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C264	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C265	0160-7868	1	CAP-FXD 68pF +-5% 50 V CER C0G	02010	06035A680JAT
C266	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C267	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C268	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C269	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C270	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C271	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C272	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C273	0160-7869	1	CAP-FXD 680pF +-10% 50 V CER X7R	02010	06035C681KAT
C274	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C275	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K

**Indicates factory-selected value*

HP Part Number E4423-60019
Frac-N/Divider (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C276	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C277	0160-7809	1	CAP-FXD 0.015uF +-10% 50 V CER X7R	02010	06035C153KAT
C278	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C279	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C280	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C281	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C282	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C283	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C284	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C285	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C286	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C287	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C288	0160-7809	1	CAP-FXD 0.015uF +-10% 50 V CER X7R	02010	06035C153KAT
C289	0160-7809	1	CAP-FXD 0.015uF +-10% 50 V CER X7R	02010	06035C153KAT
C290	0160-7809	1	CAP-FXD 0.015uF +-10% 50 V CER X7R	02010	06035C153KAT
C291	0160-7809	1	CAP-FXD 0.015uF +-10% 50 V CER X7R	02010	06035C153KAT
C293	0160-7845	1	CAP-FXD 180pF +-5% 50 V CER C0G	02010	06035A181JAT
C294	0160-6103	1	CAP-FXD 1800pF +-5% 50 V CER C0G	06352	C3216CH1H182J
C295	0180-4545	1	CAP-FXD 4.7uF +-20% 20 V TA	12340	T491B475M020AS
C296	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C297	0180-4545	1	CAP-FXD 4.7uF +-20% 20 V TA	12340	T491B475M020AS
C298	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C299	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C300	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C301	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C302	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C303	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C304	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C305	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C306	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C307	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C308	0180-4545	1	CAP-FXD 4.7uF +-20% 20 V TA	12340	T491B475M020AS
C309	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C310	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C311	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J

**Indicates factory-selected value*

HP Part Number E4423-60019
Frac-N/Divider (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C313	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C314	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C315	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C316	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C317	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C318	0180-4545	1	CAP-FXD 4.7uF +-20% 20 V TA	12340	T491B475M020AS
C319	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C320	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C321	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C322	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C323	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C324	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C325	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C326	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C334	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C340	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C341	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C342	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C343	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C344	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C345	0160-7830	1	CAP-FXD 1pF +-25% 50 V CER C0G	02010	06035A1R0CAT
C346	0160-7853	1	CAP-FXD 3.3pF +-7.6% 50 V CER C0G	02010	06035A3R3CAT
C347	0160-7853	1	CAP-FXD 3.3pF +-7.6% 50 V CER C0G	02010	06035A3R3CAT
C348	0160-7853	1	CAP-FXD 3.3pF +-7.6% 50 V CER C0G	02010	06035A3R3CAT
C349	0160-7853	1	CAP-FXD 3.3pF +-7.6% 50 V CER C0G	02010	06035A3R3CAT
C350	0160-7830	1	CAP-FXD 1pF +-25% 50 V CER C0G	02010	06035A1R0CAT
C351	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C352	0160-7848	1	CAP-FXD 2.7pF +-9.26% 50 V CER C0G	02010	06035A2R7CAT
C353	0160-7775	1	CAP-FXD 5.6pF +-4.5% 50 V CER C0G	13853	0603G5R6C500ST
C354	0160-7775	1	CAP-FXD 5.6pF +-4.5% 50 V CER C0G	13853	0603G5R6C500ST
C355	0160-7775	1	CAP-FXD 5.6pF +-4.5% 50 V CER C0G	13853	0603G5R6C500ST
C356	0160-7775	1	CAP-FXD 5.6pF +-4.5% 50 V CER C0G	13853	0603G5R6C500ST
C357	0160-7848	1	CAP-FXD 2.7pF +-9.26% 50 V CER C0G	02010	06035A2R7CAT
C358	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C359	0160-7853	1	CAP-FXD 3.3pF +-7.6% 50 V CER C0G	02010	06035A3R3CAT

**Indicates factory-selected value*

HP Part Number E4423-60019
Frac-N/Divider (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C360	0160-7853	1	CAP-FXD 3.3pF +-7.6% 50 V CER C0G	02010	06035A3R3CAT
C361	0160-7853	1	CAP-FXD 3.3pF +-7.6% 50 V CER C0G	02010	06035A3R3CAT
C362	0160-7853	1	CAP-FXD 3.3pF +-7.6% 50 V CER C0G	02010	06035A3R3CAT
C363	0160-7853	1	CAP-FXD 3.3pF +-7.6% 50 V CER C0G	02010	06035A3R3CAT
C364	0160-7853	1	CAP-FXD 3.3pF +-7.6% 50 V CER C0G	02010	06035A3R3CAT
C365	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C370	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C371	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C372	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C373	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C374	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C375	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C376	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C377	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C378	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C379	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C380	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C381	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C382	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C383	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C384	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C385	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C386	0160-7708	1	CAP-FXD 1000pF +-5% 50 V CER C0G	06352	C2012COG1H102JT
C387	0160-7751	1	CAP-FXD 0.01uF +-10% 50 V CER X7R	06352	C1608X7R1H103KT
C388	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C389	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C390	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C391	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C392	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C393	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C394	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C396	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C397	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C400	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C401	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT

**Indicates factory-selected value*

HP Part Number E4423-60019
Frac-N/Divider (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C402	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C403	0180-4274	1	CAP-FXD 4.7uF +-20% 50 V TA	12340	T491D475M050AS
C404	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C405	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C406	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C407	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C408	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C409	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C410	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C411	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C412	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C413	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C414	0180-4734	1	CAP-FXD 100uF +-10% 10 V TA	02010	TPSD107K0100100
C415	0180-4734	1	CAP-FXD 100uF +-10% 10 V TA	02010	TPSD107K0100100
C416	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C417	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C418	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C419	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C420	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C421	0180-4734	1	CAP-FXD 100uF +-10% 10 V TA	02010	TPSD107K0100100
C422	0180-4734	1	CAP-FXD 100uF +-10% 10 V TA	02010	TPSD107K0100100
C423	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C424	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C425	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C426	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C427	0180-4758	1	CAP-FXD 47uF +-20% 20 V TA	12340	T491D476M020AS
C428	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C429	0180-4758	1	CAP-FXD 47uF +-20% 20 V TA	12340	T491D476M020AS
C430	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C431	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C432	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C433	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C434	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C435	0180-4545	1	CAP-FXD 4.7uF +-20% 20 V TA	12340	T491B475M020AS
C436	0180-4758	1	CAP-FXD 47uF +-20% 20 V TA	12340	T491D476M020AS

**Indicates factory-selected value*

HP Part Number E4423-60019
Frac-N/Divider (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C437	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C438	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C439	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C440	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C441	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C442	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C443	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C444	0180-4116	1	CAP-FXD 22uF +-20% 20 V TA	02010	TAJD226M020
C445	0160-6734	1	CAP-FXD 0.047uF +-10% 50 V CER X7R	02010	12065C473KAT A
C446	0160-7809	1	CAP-FXD 0.015uF +-10% 50 V CER X7R	02010	06035C153KAT
C447	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C448	0160-7711	1	CAP-FXD 4700pF +-10% 50 V CER X7R	06352	C1608X7R1H472KT
C449	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C450	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C451	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C452	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C453	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C454	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C455	0160-7711	1	CAP-FXD 4700pF +-10% 50 V CER X7R	06352	C1608X7R1H472KT
C456	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C457	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C458	0160-7809	1	CAP-FXD 0.015uF +-10% 50 V CER X7R	02010	06035C153KAT
C459	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C460	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C461	0160-7711	1	CAP-FXD 4700pF +-10% 50 V CER X7R	06352	C1608X7R1H472KT
C462	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C463	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C464	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C465	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C466	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C467	0160-7711	1	CAP-FXD 4700pF +-10% 50 V CER X7R	06352	C1608X7R1H472KT
C468	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C469	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C470	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C471	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT

**Indicates factory-selected value*

HP Part Number E4423-60019
Frac-N/Divider (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C472	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C473	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C474	0160-7711	1	CAP-FXD 4700pF +-10% 50 V CER X7R	06352	C1608X7R1H472KT
C475	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C476	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C477	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C478	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C479	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C480	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C481	0160-7711	1	CAP-FXD 4700pF +-10% 50 V CER X7R	06352	C1608X7R1H472KT
C482	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C483	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C484	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C485	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C486	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C487	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C488	0160-7711	1	CAP-FXD 4700pF +-10% 50 V CER X7R	06352	C1608X7R1H472KT
C489	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C490	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C491	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C492	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C493	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C494	0160-7711	1	CAP-FXD 4700pF +-10% 50 V CER X7R	06352	C1608X7R1H472KT
C495	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C496	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C497	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C498	0160-7835	1	CAP-FXD 100pF +-5% 50 V CER C0G	02010	06035A101JAT
C499	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C500	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C501	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C502	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C503	0180-4287	1	CAP-FXD 10uF +-20% 35 V TA	02010	TAJD106M035
C506	0180-4274	1	CAP-FXD 4.7uF +-20% 50 V TA	12340	T491D475M050AS
C507	0180-4758	1	CAP-FXD 47uF +-20% 20 V TA	12340	T491D476M020AS
C508	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K

**Indicates factory-selected value*

HP Part Number E4423-60019
Frac-N/Divider (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C509	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C510	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C511	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C512	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C513	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C514	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C515	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C516	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C517	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C518	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C519	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C520	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C521	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C522	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C523	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C600	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C601	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C602	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C603	0160-6107	1	CAP-FXD 3900pF +-5% 50 V CER C0G	09939	GRM42-2C0G392J050C
C604	0180-3751	1	CAP-FXD 1uF +-20% 35 V TA	02010	TAJB105M035
C605	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C607	0180-4545	1	CAP-FXD 4.7uF +-20% 20 V TA	12340	T491B475M020AS
C608	0180-3750	1	CAP-FXD 0.47uF +-20% 35 V TA	00039	NRS474M35R8
C609	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C610	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C611	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C612	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C613	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C614	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C615	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C616	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C617	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C618	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C619	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C700	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT

**Indicates factory-selected value*

HP Part Number E4423-60019
Frac-N/Divider (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C701	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C702	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C703	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C704	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C705	0160-7867	1	CAP-FXD 6.8pF +-3.68% 50 V CER C0G	12340	C0603C689C5GAC
C706	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C707	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C708	0160-7776	1	CAP-FXD 3.9pF +-6.4% 50 V CER C0G	13853	0603G3R9C500ST
C709	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C710	0160-7749	1	CAP-FXD 22pF +-5% 50 V CER C0G	06352	C1608C0G1H220JT8P
C711	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C713	0160-5952	1	CAP-FXD 330pF +-5% 50 V CER C0G	09939	GRM40-001C0G331J050C
C714	0160-5968	1	CAP-FXD 82pF +-5% 50 V CER C0G	09939	GRM40-001C0G820J050C
C715	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C716	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C717	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C718	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C719	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C720	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C721	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C722	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C723	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C724	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C725	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C726	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C727	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C728	0180-4545	1	CAP-FXD 4.7uF +-20% 20 V TA	12340	T491B475M020AS
C729	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C730	0180-4545	1	CAP-FXD 4.7uF +-20% 20 V TA	12340	T491B475M020AS
C731	0160-7792	1	CAP-FXD 18pF +-5% 50 V CER C0G	13853	0603G180J500ST
C732	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C733	0160-6103	1	CAP-FXD 1800pF +-5% 50 V CER C0G	06352	C3216CH1H182J
C734	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C735	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C736	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K

**Indicates factory-selected value*

HP Part Number E4423-60019
Frac-N/Divider (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
C737	0160-7809	1	CAP-FXD 0.015uF +-10% 50 V CER X7R	02010	06035C153KAT
C738	0160-7867	1	CAP-FXD 6.8pF +-3.68% 50 V CER C0G	12340	C0603C689C5GAC
C739	0160-7847	1	CAP-FXD 2.2pF +-11.36% 50 V CER C0G	02010	06035A2R2CAT
C740	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C741	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
C742	0160-7834	1	CAP-FXD 10pF +-5% 50 V CER C0G	02010	06035A100JAT
C743	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C744	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C745	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C746	0160-7516	1	CAP-FXD 330pF +-5% 50 V CER C0G	06352	C1608COG1H331J
C747	0160-7873	1	CAP-FXD 820pF +-10% 50 V CER X7R	02010	06035C821KAT
C748	0160-7842	1	CAP-FXD 150pF +-5% 50 V CER C0G	02010	06035A151JAT
C749	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C750	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C751	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C752	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C753	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C754	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C755	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C756	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C757	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C758	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C759	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C760	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C761	0160-7988	1	CAP-FXD 470pF +-5% 50 V CER C0G	06352	C1608COG1H471J
C762	0160-7798	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	06352	C2012X7R1H104K
CR100	1900-0074	1	DIODE-SCHOTTKY SM SIG	01542	1900-0074
CR101	1900-0074	1	DIODE-SCHOTTKY SM SIG	01542	1900-0074
CR102	1900-0074	1	DIODE-SCHOTTKY SM SIG	01542	1900-0074
CR103	1900-0074	1	DIODE-SCHOTTKY SM SIG	01542	1900-0074
CR104	1900-0078	1	DIODE-SCHOTTKY SM SIG	01542	HSMS-2800
CR105	0122-0173	1	DIODE-VVC 13.5PF 7% C 3/C25-MIN=5	28480	0122-0173
CR106	0122-0173	1	DIODE-VVC 13.5PF 7% C 3/C25-MIN=5	28480	0122-0173
CR107	0122-0173	1	DIODE-VVC 13.5PF 7% C 3/C25-MIN=5	28480	0122-0173
CR108	0122-0173	1	DIODE-VVC 13.5PF 7% C 3/C25-MIN=5	28480	0122-0173

**Indicates factory-selected value*

HP Part Number E4423-60019
Frac-N/Divider (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
CR109	0122-0173	1	DIODE-VVC 13.5PF 7% C 3/C25-MIN=5	28480	0122-0173
CR110	0122-0173	1	DIODE-VVC 13.5PF 7% C 3/C25-MIN=5	28480	0122-0173
CR111	0122-0173	1	DIODE-VVC 13.5PF 7% C 3/C25-MIN=5	28480	0122-0173
CR112	0122-0173	1	DIODE-VVC 13.5PF 7% C 3/C25-MIN=5	28480	0122-0173
CR113	1900-0074	1	DIODE-SCHOTTKY SM SIG	01542	1900-0074
CR114	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR200	1900-0074	1	DIODE-SCHOTTKY SM SIG	01542	1900-0074
CR201	1900-0074	1	DIODE-SCHOTTKY SM SIG	01542	1900-0074
CR206	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR207	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR208	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR209	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR210	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR211	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR212	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR213	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR218	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR219	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR315	1900-0324	1	DIODE-PIN	01542	HSMP-389C-BLK
CR316	1900-0333	1	DIODE-PIN	01542	HSMP-389F
CR317	1900-0324	1	DIODE-PIN	01542	HSMP-389C-BLK
CR319	1900-0324	1	DIODE-PIN	01542	HSMP-389C-BLK
CR320	1900-0333	1	DIODE-PIN	01542	HSMP-389F
CR321	1900-0324	1	DIODE-PIN	01542	HSMP-389C-BLK
CR322	1900-0333	1	DIODE-PIN	01542	HSMP-389F
CR323	1900-0324	1	DIODE-PIN	01542	HSMP-389C-BLK
CR324	1900-0333	1	DIODE-PIN	01542	HSMP-389F
CR325	1900-0324	1	DIODE-PIN	01542	HSMP-389C-BLK
CR326	1900-0324	1	DIODE-PIN	01542	HSMP-389C-BLK
CR327	1900-0333	1	DIODE-PIN	01542	HSMP-389F
CR328	1900-0324	1	DIODE-PIN	01542	HSMP-389C-BLK
CR329	1900-0333	1	DIODE-PIN	01542	HSMP-389F
CR330	1900-0324	1	DIODE-PIN	01542	HSMP-389C-BLK
CR331	1900-0333	1	DIODE-PIN	01542	HSMP-389F
CR332	1900-0324	1	DIODE-PIN	01542	HSMP-389C-BLK

HP Part Number E4423-60019
Frac-N/Divider (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
CR334	1900-0324	1	DIODE-PIN	01542	HSMP-389C-BLK
CR335	1900-0333	1	DIODE-PIN	01542	HSMP-389F
CR336	1900-0324	1	DIODE-PIN	01542	HSMP-389C-BLK
CR338	1900-0332	1	DIODE-PIN	01542	HSMP-386C
CR339	1900-0332	1	DIODE-PIN	01542	HSMP-386C
CR340	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR341	1901-1716	1	DIODE-SCHOTTKY SOT-323	01542	HSMS-285B
CR342	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR343	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR400	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
CR401	1901-1227	1	DIODE-SWITCHING 75V 200MA 6NS TO-236	02910	BAS16
DS100	1990-1267	1	LED-LAMP LUM-INT=400UCD IF=12.5MA-MAX	36393	LS S260-DO
E100	9170-1421	1	CORE-SHIELDING BEAD	06352	HF50ACB-322513
E101	9170-1664	1	CORE-SHIELDING BEAD	06352	MMZ2012S181A
E102	9170-1664	1	CORE-SHIELDING BEAD	06352	MMZ2012S181A
E103	9170-1584	1	CORE-SHIELDING BEAD	06352	MMZ2012Y102B
E104	9170-1584	1	CORE-SHIELDING BEAD	06352	MMZ2012Y102B
E105	9170-1584	1	CORE-SHIELDING BEAD	06352	MMZ2012Y102B
E200	9170-1418	1	CORE-SHIELDING BEAD	06352	HF30ACB-453215
E328	9170-1584	1	CORE-SHIELDING BEAD	06352	MMZ2012Y102B
E329	9170-1584	1	CORE-SHIELDING BEAD	06352	MMZ2012Y102B
E330	9170-1584	1	CORE-SHIELDING BEAD	06352	MMZ2012Y102B
E331	9170-1584	1	CORE-SHIELDING BEAD	06352	MMZ2012Y102B
E332	9170-1584	1	CORE-SHIELDING BEAD	06352	MMZ2012Y102B
E333	9170-1584	1	CORE-SHIELDING BEAD	06352	MMZ2012Y102B
E334	9170-1584	1	CORE-SHIELDING BEAD	06352	MMZ2012Y102B
E335	9170-1584	1	CORE-SHIELDING BEAD	06352	MMZ2012Y102B
E336	9170-1584	1	CORE-SHIELDING BEAD	06352	MMZ2012Y102B
E337	9170-1584	1	CORE-SHIELDING BEAD	06352	MMZ2012Y102B
E338	9170-1584	1	CORE-SHIELDING BEAD	06352	MMZ2012Y102B
E339	9170-1584	1	CORE-SHIELDING BEAD	06352	MMZ2012Y102B
E340	9170-1584	1	CORE-SHIELDING BEAD	06352	MMZ2012Y102B
E341	9170-1584	1	CORE-SHIELDING BEAD	06352	MMZ2012Y102B
E342	9170-1584	1	CORE-SHIELDING BEAD	06352	MMZ2012Y102B
E343	9170-1584	1	CORE-SHIELDING BEAD	06352	MMZ2012Y102B

**Indicates factory-selected value*

HP Part Number E4423-60019
Frac-N/Divider (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
E400	9170-1584	1	CORE-SHIELDING BEAD	06352	MMZ2012Y102B
E401	9170-1584	1	CORE-SHIELDING BEAD	06352	MMZ2012Y102B
E402	9170-1584	1	CORE-SHIELDING BEAD	06352	MMZ2012Y102B
E403	9170-1584	1	CORE-SHIELDING BEAD	06352	MMZ2012Y102B
FL100	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL101	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL102	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL103	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL104	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL105	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL106	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL107	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL108	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL109	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL110	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL111	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL112	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL113	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL200	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL201	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL202	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL204	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL205	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL206	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL300	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL301	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL302	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL400	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL401	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL402	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL403	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL404	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL405	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL406	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL407	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621

HP Part Number E4423-60019
Frac-N/Divider (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
FL408	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL409	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL410	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL411	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL412	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL413	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL414	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL415	9135-0461	1	FILTER-SUPPRESSION EMI; SMT; WORKING	09939	NFM61R10T102M00-621
FL416	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL417	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL418	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
FL419	9135-5146	1	FILTER-SUPPRESSION SMT; 4700 pF +80%-20%	09939	NFM61R30T472M00-621
J1	1250-2822	1	CONNECTOR-RF JACK	06860	82-1023-U50-0-3/111NH
J100	1251-4670	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	13369	68000-603
L100	9140-1106	1	INDUCTOR 1.5uH +-5% 3.4W-mmX4.8LG-mm	06352	NL453232-1R5J-3
L101	9140-1244	1	INDUCTOR 1mH +-5% 3.4W-mmX4.8LG-mm Q=30	08709	ELJ-FB102JE
L102	9140-1206	1	INDUCTOR 100nH +-5% 2.8W-mmX3.4LG-mm	06352	NL322522T-R10J
L103	9140-1568	1	INDUCTOR 82nH +5% -5% 2.8W-mmX3.4LG-mm	03273	SM3-082J-1
L104	9140-1204	1	INDUCTOR 68nH +-5% 2.8W-mmX3.4LG-mm Q=27	09891	KL32TE068J
L105	9135-0080	1	INDUCTOR 27nH +-5.556% 2.6D-mmX6.6LG-mm	03273	10M271X-1
L106	9140-1196	1	INDUCTOR 100nH +-10% 2.7W-mmX3.4LG-mm	06352	NL322522T-R10K
L107	9140-2001	1	INDUCTOR 22uH +20% -20%	01886	DO1608C-223
L108	9140-1196	1	INDUCTOR 100nH +-10% 2.7W-mmX3.4LG-mm	06352	NL322522T-R10K
L109	9140-1196	1	INDUCTOR 100nH +-10% 2.7W-mmX3.4LG-mm	06352	NL322522T-R10K
L110	9140-2452	1	INDUCTOR 150nH +5% -5% .085W-INX.14LG-IN	01886	1206CS-151XJB
L111	9140-2452	1	INDUCTOR 150nH +5% -5% .085W-INX.14LG-IN	01886	1206CS-151XJB
L200	9140-1113	1	INDUCTOR 10uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-100J-3
L201	9140-1113	1	INDUCTOR 10uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-100J-3
L203	9140-1118	1	INDUCTOR 56uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-560J-3
L204	9140-1126	1	INDUCTOR 560uH +-5% 3.4W-mmX4.8LG-mm	06352	NL453232T-561J
L205	9140-1117	1	INDUCTOR 47uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-470J-3
L206	9140-1117	1	INDUCTOR 47uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-470J-3
L303	9140-2156	1	INDUCTOR 7.15nH +5% -5%	01886	1606-7
L304	9140-2189	1	INDUCTOR 3.85nH +10% -10% X2.46LG-mm	01886	0906-4
L305	9140-1536	1	INDUCTOR 18nH +-10% 2.8W-mmX3.4LG-mm	06352	NL322522T-018K

**Indicates factory-selected value*

HP Part Number E4423-60019
Frac-N/Divider (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
L306	9140-1537	1	INDUCTOR 22nH +-10% 2.8W-mmX3.4LG-mm	06352	NL322522T-022K
L307	9140-1536	1	INDUCTOR 18nH +-10% 2.8W-mmX3.4LG-mm	06352	NL322522T-018K
L308	9140-1537	1	INDUCTOR 22nH +-10% 2.8W-mmX3.4LG-mm	06352	NL322522T-022K
L309	9140-1536	1	INDUCTOR 18nH +-10% 2.8W-mmX3.4LG-mm	06352	NL322522T-018K
L310	9140-1194	1	INDUCTOR 10nH +-10% 2.8W-mmX3.4LG-mm	09891	KL32TE010K
L311	9140-1194	1	INDUCTOR 10nH +-10% 2.8W-mmX3.4LG-mm	09891	KL32TE010K
L312	9140-1749	1	INDUCTOR 8nH +5% -5% .12D-INX.145LG-IN	01886	A03T
L313	9140-1194	1	INDUCTOR 10nH +-10% 2.8W-mmX3.4LG-mm	09891	KL32TE010K
L314	9140-1194	1	INDUCTOR 10nH +-10% 2.8W-mmX3.4LG-mm	09891	KL32TE010K
L315	9140-1749	1	INDUCTOR 8nH +5% -5% .12D-INX.145LG-IN	01886	A03T
L316	9140-1749	1	INDUCTOR 8nH +5% -5% .12D-INX.145LG-IN	01886	A03T
L317	9140-1749	1	INDUCTOR 8nH +5% -5% .12D-INX.145LG-IN	01886	A03T
L318	9140-1749	1	INDUCTOR 8nH +5% -5% .12D-INX.145LG-IN	01886	A03T
L319	9140-1749	1	INDUCTOR 8nH +5% -5% .12D-INX.145LG-IN	01886	A03T
L324	9140-2467	1	INDUCTOR 33nH +5% -5%	01886	1206CS-330XJB
L325	9140-2467	1	INDUCTOR 33nH +5% -5%	01886	1206CS-330XJB
L326	9140-1194	1	INDUCTOR 10nH +-10% 2.8W-mmX3.4LG-mm	09891	KL32TE010K
L327	9140-1194	1	INDUCTOR 10nH +-10% 2.8W-mmX3.4LG-mm	09891	KL32TE010K
L328	9140-1194	1	INDUCTOR 10nH +-10% 2.8W-mmX3.4LG-mm	09891	KL32TE010K
L329	9140-1194	1	INDUCTOR 10nH +-10% 2.8W-mmX3.4LG-mm	09891	KL32TE010K
L330	9140-2467	1	INDUCTOR 33nH +5% -5%	01886	1206CS-330XJB
L400	9140-2458	1	INDUCTOR 220uH +20% -20%	01886	DO1608C-224
L401	9140-2001	1	INDUCTOR 22uH +20% -20%	01886	DO1608C-223
L402	9140-2459	1	INDUCTOR 10uH +20% -20%	01886	DO1608C-103
L403	9140-2459	1	INDUCTOR 10uH +20% -20%	01886	DO1608C-103
L404	9140-1432	1	INDUCTOR 39uH +-5% 3.4W-mmX4.8LG-mm Q=50	06352	NL453232-390J-3
L405	9140-2458	1	INDUCTOR 220uH +20% -20%	01886	DO1608C-224
L406	9140-2000	1	INDUCTOR 68uH +20% -20%	01886	DO1608C-683
L407	9140-2001	1	INDUCTOR 22uH +20% -20%	01886	DO1608C-223
MP2	E4423-20106	1	SYNTH BD LID	28480	E4423-20106
MP3	E4423-20105	1	SYNTH BD BASE	28480	E4423-20105
MP4	8160-0448	6	RFI ROUND STRIP BE-CU SN-PL .062-IN-OD	10840	SS-04
MP5	E4400-00019	1	TAB-KEYING	28480	E4400-00019
MP6	0515-0456	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 20MM-LG	05610	0515-0456
MP7	5002-2401	1	EXT LVL RIGHT	28480	5002-2401

**Indicates factory-selected value*

HP Part Number E4423-60019
Frac-N/Divider (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
MP8	5002-2402	1	EXT LVL LEFT	28480	5002-2402
MP9	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP10	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP11	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP12	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP13	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP14	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP15	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP16	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP17	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP18	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP19	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP20	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP21	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP22	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP23	0515-0383	1	SCREW-MACHINE ASSEMBLY M4 X 0.7 16MM-LG	05610	0515-0383
MP24	8160-0917	1	RFI GASKET CNDCT-ELSTMR 4.6-MM-ID	05100	19-05-13423-1285
MP26	8160-0917	1	RFI GASKET CNDCT-ELSTMR 4.6-MM-ID	05100	19-05-13423-1285
MP27	8160-0985	1	GASKET-RFI-.145 INCH ID	03647	8563-0068-93
MP28	E4423-40003	1	SHLD PLYIRON FRC	28480	E4423-40003
MP29	E4423-40005	1	SHD PLYIRN FRC N	28480	E4423-40005
P1	1252-1506	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	01380	535512-2
P2	1252-6521	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	01380	2-535512-2
P3	1252-1506	1	CONN-POST TYPE .100-PIN-SPCG-MTG-END	01380	535512-2
Q100	1855-0734	1	TRANSISTOR MOSFET 2N7002 N-CHAN E-MODE	02883	2N7002
Q101	1854-1270	1	TRANSISTOR NPN SI TO-261AA (SOT-223)	02910	PZT2222A
Q102	1855-0734	1	TRANSISTOR MOSFET 2N7002 N-CHAN E-MODE	02883	2N7002
Q103	1855-0734	1	TRANSISTOR MOSFET 2N7002 N-CHAN E-MODE	02883	2N7002
Q104	1855-0734	1	TRANSISTOR MOSFET 2N7002 N-CHAN E-MODE	02883	2N7002
Q105	1855-0734	1	TRANSISTOR MOSFET 2N7002 N-CHAN E-MODE	02883	2N7002
Q106	1855-0734	1	TRANSISTOR MOSFET 2N7002 N-CHAN E-MODE	02883	2N7002
Q107	1855-0734	1	TRANSISTOR MOSFET 2N7002 N-CHAN E-MODE	02883	2N7002
Q108	1855-0734	1	TRANSISTOR MOSFET 2N7002 N-CHAN E-MODE	02883	2N7002
Q109	1853-0568	1	TRANSISTOR PNP SI TO-236AA PD=350MW	36633	MMBT5087LT1
Q110	1854-1094	1	TRANSISTOR NPN SI SOT-89 (TO-243AB)	02910	PXT2222A

**Indicates factory-selected value*

HP Part Number E4423-60019
Frac-N/Divider (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
Q111	1854-1009	1	TRANSISTOR NPN SI PD=580MW FT=8GHZ	28480	1854-1009
Q112	1853-0580	1	TRANSISTOR PNP SI SOT-23 (TO-236AB)	36633	MMBT4403LT1
Q113	1854-1083	1	TRANSISTOR NPN SI SOT-23 (TO-236AB)	02037	MMBR5179LT1
Q114	1853-0580	1	TRANSISTOR PNP SI SOT-23 (TO-236AB)	36633	MMBT4403LT1
Q304	1854-1037	1	TRANSISTOR NPN SI TO-236AA PD=350MW	36633	MMBT3904LT1
Q305	1854-1037	1	TRANSISTOR NPN SI TO-236AA PD=350MW	36633	MMBT3904LT1
Q400	1853-0724	1	TRANSISTOR PNP SI TO-261AA (SOT-223)	02910	PZT2907A
Q401	1854-1270	1	TRANSISTOR NPN SI TO-261AA (SOT-223)	02910	PZT2222A
Q402	1854-1053	1	TRANSISTOR NPN SI SOT-23 (TO-236AB)	12125	KST2222A
Q403	1854-1270	1	TRANSISTOR NPN SI TO-261AA (SOT-223)	02910	PZT2222A
Q404	1854-1053	1	TRANSISTOR NPN SI SOT-23 (TO-236AB)	12125	KST2222A
Q405	1854-1053	1	TRANSISTOR NPN SI SOT-23 (TO-236AB)	12125	KST2222A
Q406	1854-1053	1	TRANSISTOR NPN SI SOT-23 (TO-236AB)	12125	KST2222A
Q407	1854-1053	1	TRANSISTOR NPN SI SOT-23 (TO-236AB)	12125	KST2222A
R100	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R101	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R102	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	05524	CRCW12061002F
R103	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R104	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R105	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	05524	CRCW12061002F
R106	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R107	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	09891	RK73H1J5111F
R108	0699-3955	1	RESISTOR 2.15K +-1% .063W TKF TC=0+-200	09891	RK73H1J2151F
R109	0699-3955	1	RESISTOR 2.15K +-1% .063W TKF TC=0+-200	09891	RK73H1J2151F
R110	0699-1435	1	RESISTOR 681 +-1% .125W TKF TC=0+-100	09891	RK73H2BT6810F
R111	0699-1421	1	RESISTOR 178 +-1% .125W TKF TC=0+-100	09891	RK73H2BT1780F
R112	0699-1435	1	RESISTOR 681 +-1% .125W TKF TC=0+-100	09891	RK73H2BT6810F
R113	0699-1421	1	RESISTOR 178 +-1% .125W TKF TC=0+-100	09891	RK73H2BT1780F
R114	0699-3953	1	RESISTOR 1.78K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1781
R115	0699-3974	1	RESISTOR 14.7K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1472
R116	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R117	0699-4016	1	RESISTOR 1M +-1% .063W TKF TC=0+-200	00746	MCR03-F-1004
R118	0699-4014	1	RESISTOR 825K +-1% .063W TKF TC=0+-200	09891	RK73H1J8253F
R119	0699-4016	1	RESISTOR 1M +-1% .063W TKF TC=0+-200	00746	MCR03-F-1004
R120	0699-3988	1	RESISTOR 61.9K +-1% .063W TKF TC=0+-200	09891	RK73H1J6192F

**Indicates factory-selected value*

HP Part Number E4423-60019
Frac-N/Divider (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R121	0699-3987	1	RESISTOR 51.1K +-1% .063W TKF TC=0+-200	09891	RK73H1J5112F
R122	0699-1318	1	RESISTOR 1K +-1% .125W TKF TC=0+-100	00746	MCR18-F-1001
R123	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R124	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J2152F
R125	0699-3908	1	RESISTOR 19.6 +-1% .063W TKF TC=0+-200	09891	RK73H1J19R6F
R126	0699-3931	1	RESISTOR 196 +-1% .063W TKF TC=0+-200	09891	RK73H1J1960F
R127	0699-3955	1	RESISTOR 2.15K +-1% .063W TKF TC=0+-200	09891	RK73H1J2151F
R128	0699-1428	1	RESISTOR 348 +-1% .125W TKF TC=0+-100	05524	CRCW12063480F
R130	0699-3963	1	RESISTOR 4.64K +-1% .063W TKF TC=0+-200	09891	RK73H1J4641F
R131	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R133	0699-1414	1	RESISTOR 90.9K +-1% .125W TKF TC=0+-100	09891	RK73H2BT9092F
R134	0699-2837	1	RESISTOR 30K +-0.1% .125W TF TC=0+-25	02499	W1206R033002BT
R135	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R136	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R137	0699-3966	1	RESISTOR 6.81K +-1% .063W TKF TC=0+-200	09891	RK73H1J6811F
R138	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J2152F
R139	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R140	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R141	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R142	0699-3977	1	RESISTOR 19.6K +-1% .063W TKF TC=0+-200	09891	RK73H1J1962F
R143	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R144	0699-2841	1	RESISTOR 9K +-0.1% .125W TF TC=0+-25	02499	W1206R039001BT
R145	0699-2832	1	RESISTOR 200 +-0.1% .125W TF TC=0+-25	02499	W1206R032000BT
R147	0699-2489	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	02499	W1206R031002BT
R148	0699-3985	1	RESISTOR 42.2K +-1% .063W TKF TC=0+-200	09891	RK73H1J4222F
R149	0699-3992	1	RESISTOR 90.9K +-1% .063W TKF TC=0+-200	09891	RK73H1J9092F
R150	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R151	0699-3974	1	RESISTOR 14.7K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1472
R152	0699-2836	1	RESISTOR 15K +-0.1% .125W TF TC=0+-25	02499	W1206R031502BT
R153	0699-2846	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	02499	W1206R035001BT
R154	0699-2828	1	RESISTOR 1.5K +-0.1% .125W TF TC=0+-25	01172	BLU-1206 1K5 .1% 25PPM
R155	0699-3944	1	RESISTOR 750 +-1% .063W TKF TC=0+-200	09891	RK73H1J7500F
R156	0699-1415	1	RESISTOR 100 +-1% .125W TKF TC=0+-100	05524	CRCW12061000F
R157	0699-2489	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	02499	W1206R031002BT
R158	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001

**Indicates factory-selected value*

HP Part Number E4423-60019
Frac-N/Divider (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R159	0699-1370	1	RESISTOR 1.21K +-1% .125W TKF TC=0+-100	05524	CRCW12061211F
R160	0699-1423	1	RESISTOR 215 +-1% .125W TKF TC=0+-100	05524	CRCW12062150F
R161	0699-1361	1	RESISTOR 51.1 +-1% .125W TKF TC=0+-100	05524	CRCW120651R1F
R162	0699-1361	1	RESISTOR 51.1 +-1% .125W TKF TC=0+-100	05524	CRCW120651R1F
R163	0699-1361	1	RESISTOR 51.1 +-1% .125W TKF TC=0+-100	05524	CRCW120651R1F
R164	0699-1361	1	RESISTOR 51.1 +-1% .125W TKF TC=0+-100	05524	CRCW120651R1F
R165	0699-3908	1	RESISTOR 19.6 +-1% .063W TKF TC=0+-200	09891	RK73H1J19R6F
R166	0699-1366	1	RESISTOR 82.5 +-1% .125W TKF TC=0+-100	05524	CRCW120682R5F
R167	0699-1366	1	RESISTOR 82.5 +-1% .125W TKF TC=0+-100	05524	CRCW120682R5F
R168	0699-3913	1	RESISTOR 31.6 +-1% .063W TKF TC=0+-200	09891	RK73H1J31R6F
R169	0699-3916	1	RESISTOR 42.2 +-1% .063W TKF TC=0+-200	09891	RK73H1J42R2F
R170	0699-3926	1	RESISTOR 121 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1210
R171	0699-3926	1	RESISTOR 121 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1210
R172	0699-1415	1	RESISTOR 100 +-1% .125W TKF TC=0+-100	05524	CRCW12061000F
R173	0699-1416	1	RESISTOR 110 +-1% .125W TKF TC=0+-100	05524	CRCW12061100F
R174	0699-1351	1	RESISTOR 19.6 +-1% .125W TKF TC=0+-100	05524	CRCW120619R6F
R175	0699-1318	1	RESISTOR 1K +-1% .125W TKF TC=0+-100	00746	MCR18-F-1001
R176	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R177	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R178	0699-3923	1	RESISTOR 90.9 +-1% .063W TKF TC=0+-200	00746	MCR03-F-90R9
R179	0699-3922	1	RESISTOR 82.5 +-1% .063W TKF TC=0+-200	09891	RK73H1J82R5F
R180	0699-3923	1	RESISTOR 90.9 +-1% .063W TKF TC=0+-200	00746	MCR03-F-90R9
R181	0699-3932	1	RESISTOR 215 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2150
R182	0699-3910	1	RESISTOR 23.7 +-1% .063W TKF TC=0+-200	09891	RK73H1J23R7F
R183	0699-3932	1	RESISTOR 215 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2150
R184	0699-3921	1	RESISTOR 75 +-1% .063W TKF TC=0+-200	00746	MCR03-F-75R0
R185	0699-3921	1	RESISTOR 75 +-1% .063W TKF TC=0+-200	00746	MCR03-F-75R0
R186	0699-3921	1	RESISTOR 75 +-1% .063W TKF TC=0+-200	00746	MCR03-F-75R0
R187	0699-3956	1	RESISTOR 2.37K +-1% .063W TKF TC=0+-200	09891	RK73H1J2371F
R188	0699-3932	1	RESISTOR 215 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2150
R189	0699-1347	1	RESISTOR 13.3 +-1% .125W TKF TC=0+-100	09891	RK73H2BT13R3F
R190	0699-3913	1	RESISTOR 31.6 +-1% .063W TKF TC=0+-200	09891	RK73H1J31R6F
R191	0699-3930	1	RESISTOR 178 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1780
R192	0699-3930	1	RESISTOR 178 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1780
R193	0699-3935	1	RESISTOR 287 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2870

**Indicates factory-selected value*

HP Part Number E4423-60019
Frac-N/Divider (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R194	0699-3935	1	RESISTOR 287 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2870
R195	0699-3907	1	RESISTOR 17.8 +-1% .063W TKF TC=0+-200	09891	RK73H1J17R8F
R196	0699-3930	1	RESISTOR 178 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1780
R197	0699-3574	1	RESISTOR 0 .0625W TKF	09891	RM73Z1JT
R200	0699-3922	1	RESISTOR 82.5 +-1% .063W TKF TC=0+-200	09891	RK73H1J82R5F
R201	0699-3917	1	RESISTOR 46.4 +-1% .063W TKF TC=0+-200	09891	RK73H1J46R4F
R202	0699-3928	1	RESISTOR 147 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1470
R203	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R204	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R205	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R206	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R207	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R208	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R209	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R210	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R211	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R212	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R213	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R214	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R215	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R216	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R217	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R218	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R219	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R220	0699-2846	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	02499	W1206R035001BT
R221	0699-1374	1	RESISTOR 1.78K +-1% .125W TKF TC=0+-100	09891	RK73H2BT1781F
R222	0699-1374	1	RESISTOR 1.78K +-1% .125W TKF TC=0+-100	09891	RK73H2BT1781F
R223	0699-3908	1	RESISTOR 19.6 +-1% .063W TKF TC=0+-200	09891	RK73H1J19R6F
R224	0699-3908	1	RESISTOR 19.6 +-1% .063W TKF TC=0+-200	09891	RK73H1J19R6F
R225	0699-1385	1	RESISTOR 5.11K +-1% .125W TKF TC=0+-100	05524	CRCW12065111F
R226	0699-1384	1	RESISTOR 4.64K +-1% .125W TKF TC=0+-100	09891	RK73H2BT4641F
R227	0699-1424	1	RESISTOR 237 +-1% .125W TKF TC=0+-100	05524	CRCW12062370F
R228	0699-1379	1	RESISTOR 2.87K +-1% .125W TKF TC=0+-100	00746	MCR18-F-2871
R229	0699-1378	1	RESISTOR 2.61K +-1% .125W TKF TC=0+-100	09891	RK73H2BT2611F
R230	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001

**Indicates factory-selected value*

HP Part Number E4423-60019
Frac-N/Divider (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R231	0699-2823	1	RESISTOR 8K +-0.1% .125W TF TC=0+-25	02499	W1206R038001BT
R232	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R233	0699-2490	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	02499	W1206R031001BT
R234	0699-2490	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	02499	W1206R031001BT
R235	0699-2490	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	02499	W1206R031001BT
R236	0699-2841	1	RESISTOR 9K +-0.1% .125W TF TC=0+-25	02499	W1206R039001BT
R237	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R238	0699-3992	1	RESISTOR 90.9K +-1% .063W TKF TC=0+-200	09891	RK73H1J9092F
R239	0699-3992	1	RESISTOR 90.9K +-1% .063W TKF TC=0+-200	09891	RK73H1J9092F
R240	0699-3992	1	RESISTOR 90.9K +-1% .063W TKF TC=0+-200	09891	RK73H1J9092F
R241	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R242	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R243	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R244	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R245	0699-0144	1	RESISTOR 10K +-0.01% .1W TF TC=0+-5	09454	PR1/10TC10K0.01%
R246	0699-0144	1	RESISTOR 10K +-0.01% .1W TF TC=0+-5	09454	PR1/10TC10K0.01%
R247	0699-0144	1	RESISTOR 10K +-0.01% .1W TF TC=0+-5	09454	PR1/10TC10K0.01%
R248	0699-2489	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	02499	W1206R031002BT
R249	0699-2826	1	RESISTOR 3K +-0.1% .125W TF TC=0+-25	02499	W1206R033001BT
R250	0699-1361	1	RESISTOR 51.1 +-1% .125W TKF TC=0+-100	05524	CRCW120651R1F
R251	0699-1361	1	RESISTOR 51.1 +-1% .125W TKF TC=0+-100	05524	CRCW120651R1F
R252	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	05524	CRCW12061002F
R253	0699-1432	1	RESISTOR 511 +-1% .125W TKF TC=0+-100	00746	MCR18-F-5110
R255	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R256	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J2152F
R257	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J2152F
R258	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J2152F
R259	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J2152F
R260	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R261	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J2152F
R262	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J2152F
R264	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R265	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R266	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R267	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J2152F

**Indicates factory-selected value*

HP Part Number E4423-60019
Frac-N/Divider (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R268	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	05524	CRCW12061002F
R269	0699-1330	1	RESISTOR 100K +-1% .125W TKF TC=0+-100	00746	MCR18-F-1003
R270	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R271	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R272	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R273	0699-1436	1	RESISTOR 750 +-1% .125W TKF TC=0+-100	09891	RK73H2BT7500F
R275	0699-1436	1	RESISTOR 750 +-1% .125W TKF TC=0+-100	09891	RK73H2BT7500F
R276	0699-1436	1	RESISTOR 750 +-1% .125W TKF TC=0+-100	09891	RK73H2BT7500F
R277	0699-1427	1	RESISTOR 316 +-1% .125W TKF TC=0+-100	09891	RK73H2BT3160F
R278	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R279	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R280	0699-1375	1	RESISTOR 1.96K +-1% .125W TKF TC=0+-100	09891	RK73H2BT1961F
R282	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R283	0699-2490	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	02499	W1206R031001BT
R284	0699-2490	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	02499	W1206R031001BT
R285	0699-2828	1	RESISTOR 1.5K +-0.1% .125W TF TC=0+-25	01172	BLU-1206 1K5 .1% 25PPM
R286	0699-2828	1	RESISTOR 1.5K +-0.1% .125W TF TC=0+-25	01172	BLU-1206 1K5 .1% 25PPM
R287	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R288	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R289	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R290	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R291	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R292	0699-2846	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	02499	W1206R035001BT
R293	0699-3574	1	RESISTOR 0 .0625W TKF	09891	RM73Z1JT
R295	0699-3971	1	RESISTOR 11K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1102
R296	0699-3978	1	RESISTOR 21.5K +-1% .063W TKF TC=0+-200	09891	RK73H1J2152F
R297	0699-3909	1	RESISTOR 21.5 +-1% .063W TKF TC=0+-200	09891	RK73H1J21R5F
R298	0699-2828	1	RESISTOR 1.5K +-0.1% .125W TF TC=0+-25	01172	BLU-1206 1K5 .1% 25PPM
R299	0699-2488	1	RESISTOR 100 +-0.1% .125W TF TC=0+-25	02499	W1206R031000BT
R301	0699-3914	1	RESISTOR 34.8 +-1% .063W TKF TC=0+-200	00746	MCR03-F-34R8
R302	0699-3914	1	RESISTOR 34.8 +-1% .063W TKF TC=0+-200	00746	MCR03-F-34R8
R303	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R304	0699-3918	1	RESISTOR 51.1 +-1% .063W TKF TC=0+-200	06337	232270465119
R305	0699-3925	1	RESISTOR 110 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1100
R306	0699-3926	1	RESISTOR 121 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1210

**Indicates factory-selected value*

HP Part Number E4423-60019
Frac-N/Divider (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R307	0699-3907	1	RESISTOR 17.8 +-1% .063W TKF TC=0+-200	09891	RK73H1J17R8F
R308	0699-3935	1	RESISTOR 287 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2870
R309	0699-3935	1	RESISTOR 287 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2870
R310	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R311	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R312	0699-3961	1	RESISTOR 3.83K +-1% .063W TKF TC=0+-200	09891	RK73H1J3831F
R313	0699-3961	1	RESISTOR 3.83K +-1% .063W TKF TC=0+-200	09891	RK73H1J3831F
R322	0699-3955	1	RESISTOR 2.15K +-1% .063W TKF TC=0+-200	09891	RK73H1J2151F
R323	0699-3955	1	RESISTOR 2.15K +-1% .063W TKF TC=0+-200	09891	RK73H1J2151F
R324	0699-3955	1	RESISTOR 2.15K +-1% .063W TKF TC=0+-200	09891	RK73H1J2151F
R329	0699-1415	1	RESISTOR 100 +-1% .125W TKF TC=0+-100	05524	CRCW12061000F
R330	0699-1415	1	RESISTOR 100 +-1% .125W TKF TC=0+-100	05524	CRCW12061000F
R338	0699-1432	1	RESISTOR 511 +-1% .125W TKF TC=0+-100	00746	MCR18-F-5110
R339	0699-1432	1	RESISTOR 511 +-1% .125W TKF TC=0+-100	00746	MCR18-F-5110
R340	0699-3946	1	RESISTOR 909 +-1% .063W TKF TC=0+-200	00746	MCR03-F-9090
R341	0699-3946	1	RESISTOR 909 +-1% .063W TKF TC=0+-200	00746	MCR03-F-9090
R342	0699-1374	1	RESISTOR 1.78K +-1% .125W TKF TC=0+-100	09891	RK73H2BT1781F
R343	0699-1374	1	RESISTOR 1.78K +-1% .125W TKF TC=0+-100	09891	RK73H2BT1781F
R344	0699-3935	1	RESISTOR 287 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2870
R345	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R346	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R347	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	09891	RK73H1J1003F
R349	0699-1415	1	RESISTOR 100 +-1% .125W TKF TC=0+-100	05524	CRCW12061000F
R350	0699-1415	1	RESISTOR 100 +-1% .125W TKF TC=0+-100	05524	CRCW12061000F
R359	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R362	0699-4361	1	RESISTOR 1 +-5% .063W TKF TC=0+-500	09891	RM73B1J1ROJ
R363	0699-4361	1	RESISTOR 1 +-5% .063W TKF TC=0+-500	09891	RM73B1J1ROJ
R364	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R365	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R366	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R367	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R368	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R369	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R370	0699-3941	1	RESISTOR 511 +-1% .063W TKF TC=0+-200	00746	MCR03-F-5110
R371	0699-3993	1	RESISTOR 100K +-1% .063W TKF TC=0+-200	09891	RK73H1J1003F

**Indicates factory-selected value*

HP Part Number E4423-60019
Frac-N/Divider (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R372	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	09891	RK73H1J5111F
R400	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R401	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	05524	CRCW12061002F
R402	0699-1391	1	RESISTOR 10K +-1% .125W TKF TC=0+-100	05524	CRCW12061002F
R403	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R404	0699-2489	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	02499	W1206R031002BT
R405	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R406	0699-2489	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	02499	W1206R031002BT
R407	0699-3935	1	RESISTOR 287 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2870
R408	0699-1361	1	RESISTOR 51.1 +-1% .125W TKF TC=0+-100	05524	CRCW120651R1F
R409	0699-1361	1	RESISTOR 51.1 +-1% .125W TKF TC=0+-100	05524	CRCW120651R1F
R410	0699-3935	1	RESISTOR 287 +-1% .063W TKF TC=0+-200	00746	MCR03-F-2870
R411	0699-3911	1	RESISTOR 26.1 +-1% .063W TKF TC=0+-200	05524	CRCW060326R1F
R412	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	09891	RK73H1J5111F
R413	0699-1426	1	RESISTOR 287 +-1% .125W TKF TC=0+-100	00746	MCR18-F-2870
R414	0699-1360	1	RESISTOR 46.4 +-1% .125W TKF TC=0+-100	05524	CRCW120646R4F
R415	0699-1354	1	RESISTOR 26.1 +-1% .125W TKF TC=0+-100	09891	RK73H2BT26R1F
R416	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	09891	RK73H1J5111F
R417	0699-1361	1	RESISTOR 51.1 +-1% .125W TKF TC=0+-100	05524	CRCW120651R1F
R418	0699-1426	1	RESISTOR 287 +-1% .125W TKF TC=0+-100	00746	MCR18-F-2870
R419	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	09891	RK73H1J5111F
R420	0699-1354	1	RESISTOR 26.1 +-1% .125W TKF TC=0+-100	09891	RK73H2BT26R1F
R421	0699-1417	1	RESISTOR 121 +-1% .125W TKF TC=0+-100	09891	RK73H2BT1210F
R422	0699-1426	1	RESISTOR 287 +-1% .125W TKF TC=0+-100	00746	MCR18-F-2870
R423	0699-1354	1	RESISTOR 26.1 +-1% .125W TKF TC=0+-100	09891	RK73H2BT26R1F
R424	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	09891	RK73H1J5111F
R425	0699-1417	1	RESISTOR 121 +-1% .125W TKF TC=0+-100	09891	RK73H2BT1210F
R426	0699-1426	1	RESISTOR 287 +-1% .125W TKF TC=0+-100	00746	MCR18-F-2870
R427	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	09891	RK73H1J5111F
R428	0699-1354	1	RESISTOR 26.1 +-1% .125W TKF TC=0+-100	09891	RK73H2BT26R1F
R429	0699-1417	1	RESISTOR 121 +-1% .125W TKF TC=0+-100	09891	RK73H2BT1210F
R430	0699-1426	1	RESISTOR 287 +-1% .125W TKF TC=0+-100	00746	MCR18-F-2870
R431	0699-1354	1	RESISTOR 26.1 +-1% .125W TKF TC=0+-100	09891	RK73H2BT26R1F
R432	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	09891	RK73H1J5111F
R433	0699-1417	1	RESISTOR 121 +-1% .125W TKF TC=0+-100	09891	RK73H2BT1210F

**Indicates factory-selected value*

HP Part Number E4423-60019
Frac-N/Divider (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R434	0699-1426	1	RESISTOR 287 +-1% .125W TKF TC=0+-100	00746	MCR18-F-2870
R435	0699-1354	1	RESISTOR 26.1 +-1% .125W TKF TC=0+-100	09891	RK73H2BT26R1F
R436	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	09891	RK73H1J5111F
R600	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R601	0699-2487	1	RESISTOR 90K +-0.1% .125W TF TC=0+-25	01172	BLU-1206 90K .1% 25PPM
R603	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R604	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R605	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R606	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R607	0699-3939	1	RESISTOR 422 +-1% .063W TKF TC=0+-200	00746	MCR03-EZH-F-4220
R608	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R609	0699-3574	1	RESISTOR 0 .0625W TKF	09891	RM73Z1JT
R700	0699-2828	1	RESISTOR 1.5K +-0.1% .125W TF TC=0+-25	01172	BLU-1206 1K5 .1% 25PPM
R701	0699-2488	1	RESISTOR 100 +-0.1% .125W TF TC=0+-25	02499	W1206R031000BT
R702	0699-2828	1	RESISTOR 1.5K +-0.1% .125W TF TC=0+-25	01172	BLU-1206 1K5 .1% 25PPM
R703	0699-2488	1	RESISTOR 100 +-0.1% .125W TF TC=0+-25	02499	W1206R031000BT
R704	0699-2834	1	RESISTOR 400 +-0.1% .125W TF TC=0+-25	02499	W1206R034000BT
R705	0699-2834	1	RESISTOR 400 +-0.1% .125W TF TC=0+-25	02499	W1206R034000BT
R706	0699-2827	1	RESISTOR 900 +-0.1% .125W TF TC=0+-25	02499	W1206R039000BT
R707	0699-2833	1	RESISTOR 300 +-0.1% .125W TF TC=0+-25	01172	BLU-1206 300R .1% 25PPM
R708	0699-1432	1	RESISTOR 511 +-1% .125W TKF TC=0+-100	00746	MCR18-F-5110
R709	0699-3945	1	RESISTOR 825 +-1% .063W TKF TC=0+-200	00746	MCR03-F-8250
R710	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R711	0699-1425	1	RESISTOR 261 +-1% .125W TKF TC=0+-100	00746	MCR18-F-2610
R712	0699-2488	1	RESISTOR 100 +-0.1% .125W TF TC=0+-25	02499	W1206R031000BT
R713	0699-2834	1	RESISTOR 400 +-0.1% .125W TF TC=0+-25	02499	W1206R034000BT
R714	0699-1351	1	RESISTOR 19.6 +-1% .125W TKF TC=0+-100	05524	CRCW120619R6F
R715	0699-5212	1	RESISTOR 10 +-0.1% .125W TF TC=0+-25	06337	23227411009
R716	0699-5212	1	RESISTOR 10 +-0.1% .125W TF TC=0+-25	06337	23227411009
R717	0699-5212	1	RESISTOR 10 +-0.1% .125W TF TC=0+-25	06337	23227411009
R718	0699-5820	1	RESISTOR 13.3 +-0.1% .125W TF TC=0+-25	02499	PFC-W1206R-03-13R3-B
R719	0699-5212	1	RESISTOR 10 +-0.1% .125W TF TC=0+-25	06337	23227411009
R720	0699-5212	1	RESISTOR 10 +-0.1% .125W TF TC=0+-25	06337	23227411009
R721	0699-5212	1	RESISTOR 10 +-0.1% .125W TF TC=0+-25	06337	23227411009
R722	0699-5212	1	RESISTOR 10 +-0.1% .125W TF TC=0+-25	06337	23227411009

**Indicates factory-selected value*

HP Part Number E4423-60019
Frac-N/Divider (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
R723	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R724	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R725	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R726	0699-3917	1	RESISTOR 46.4 +-1% .063W TKF TC=0+-200	09891	RK73H1J46R4F
R727	0699-1432	1	RESISTOR 511 +-1% .125W TKF TC=0+-100	00746	MCR18-F-5110
R728	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R729	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R730	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R731	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R732	0699-3924	1	RESISTOR 100 +-1% .063W TKF TC=0+-200	00746	MCR03-F-1000
R733	0699-3970	1	RESISTOR 10K +-1% .063W TKF TC=0+-200	09891	RK73H1J1002F
R737	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R738	0699-3947	1	RESISTOR 1K +-1% .063W TKF TC=0+-200	00746	MCR03-F-1001
R739	0699-1431	1	RESISTOR 464 +-1% .125W TKF TC=0+-100	05524	CRCW12064640F
R742	0699-3901	1	RESISTOR 10 +-1% .063W TKF TC=0+-200	00746	MCR03-F-10R0
R743	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	09891	RK73H1J5111F
R744	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	09891	RK73H1J5111F
R745	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	09891	RK73H1J5111F
R746	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	09891	RK73H1J5111F
R747	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	09891	RK73H1J5111F
R748	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	09891	RK73H1J5111F
R749	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	09891	RK73H1J5111F
R750	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	09891	RK73H1J5111F
R751	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	09891	RK73H1J5111F
R752	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	09891	RK73H1J5111F
R753	0699-3964	1	RESISTOR 5.11K +-1% .063W TKF TC=0+-200	09891	RK73H1J5111F
TG3	1251-1556	1	CONNECTOR-SGL CONT SKT .02-IN-BSC-SZ RND	01380	6-330808-5
TP3	1251-1556	1	CONNECTOR-SGL CONT SKT .02-IN-BSC-SZ RND	01380	6-330808-5
TP4	1460-2594	1	CONNECTOR-SGL CONT SPR .01-IN-BSC-SZ REC	12965	TP-108
TP5	1460-2594	1	CONNECTOR-SGL CONT SPR .01-IN-BSC-SZ REC	12965	TP-108
TP8	1460-2594	1	CONNECTOR-SGL CONT SPR .01-IN-BSC-SZ REC	12965	TP-108
TP11	1460-2594	1	CONNECTOR-SGL CONT SPR .01-IN-BSC-SZ REC	12965	TP-108
TP12	1460-2594	1	CONNECTOR-SGL CONT SPR .01-IN-BSC-SZ REC	12965	TP-108
TP13	1460-2594	1	CONNECTOR-SGL CONT SPR .01-IN-BSC-SZ REC	12965	TP-108
U100	1826-2403	1	IC OP AMP LP DUAL 8 PIN PLSTC-SOIC	36633	MC33178DR2

**Indicates factory-selected value*

HP Part Number E4423-60019
Frac-N/Divider (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
U101	1820-5945	1	IC GATE CMOS/AC NAND QUAD 2-INP	36633	MC74AC00D
U102	1821-2432	1	IC FF CMOS D-TYPE DUAL	02237	74VHC74MX
U103	1821-2431	1	IC GATE CMOS NAND QUAD	02237	74VHC00MX
U105	1820-5945	1	IC GATE CMOS/AC NAND QUAD 2-INP	36633	MC74AC00D
U106	1821-2432	1	IC FF CMOS D-TYPE DUAL	02237	74VHC74MX
U107	1826-1528	1	IC COMPARATOR LP QUAD 14 PIN PLSTC-SOIC	03406	LM339M
U108	1826-2469	1	IC OP AMP LOW-NOISE SINGLE 16 PIN	10858	LT1028CS
U109	1826-2981	1	IC OP AMP PRCN DUAL 8 PIN PLSTC-SOIC	10858	LT1124CS8
U110	1826-2175	1	IC RF/IF AMPL SINGLE 4 PIN U-WAVE-PILL	01542	HPMA-0386T15
U111	1826-2204	1	IC RF/IF AMPL SINGLE 4 PIN U-WAVE-PILL	01542	MSA-0686
U112	1826-2349	1	IC RF/IF AMPL LOW-NOISE 4 PIN	01542	INA-10386
U113	1826-0760	1	IC TEMP XDCR TO-92	03406	LM335AZ
U114	E4423-80011	1		28480	E4423-80011
U115	1826-1925	1	IC OP AMP LOW-NOISE SINGLE 8 PIN	03285	OP-27GS
U200	1821-4291	1	IC-ASIC CL-BSD CMOS 64046 PLCC	02037	SC64046FNR2
U201	1821-1821	1	IC-ASIC GT-ARY 60K GATES CMOS 60081	08779	M60081L-0124FP
U202	1820-8503	1	IC TRANSCEIVER CMOS/ACT BUS DUAL 8-BIT	01698	74ACT16245DL
U203	1826-2171	1	IC OP AMP LOW-BIAS-H-IMPD QUAD 14 PIN	36633	MC33284D
U204	1826-1560	1	IC COMPARATOR HS DUAL 14 PIN PLSTC-SOIC	02910	NE521D
U205	1826-1560	1	IC COMPARATOR HS DUAL 14 PIN PLSTC-SOIC	02910	NE521D
U206	1820-7253	1	IC FF CMOS/AC D-TYPE POS-EDGE-TRIG COM	01698	CD74AC574M
U207	1820-6752	1	IC-ASIC GT-ARY CMOS 6206 PLCC	03406	SCX6206TQM/V2
U208	1818-5236	1	IC 4K-BIT EEPROM 500-NS CMOS	04078	M93C66-MN6
U209	1826-1985	1	ANALOG SWITCH 4 SPST 16 -P-SOIC	02883	DG411DY
U210	1826-1985	1	ANALOG SWITCH 4 SPST 16 -P-SOIC	02883	DG411DY
U212	1820-6277	1	IC SHF-RGTR CMOS/HC SYNC/ASYNC SERIAL-IN	02237	MM74HC595M
U213	1820-6277	1	IC SHF-RGTR CMOS/HC SYNC/ASYNC SERIAL-IN	02237	MM74HC595M
U214	1820-5945	1	IC GATE CMOS/AC NAND QUAD 2-INP	36633	MC74AC00D
U215	1826-1985	1	ANALOG SWITCH 4 SPST 16 -P-SOIC	02883	DG411DY
U216	1826-2799	1	IC OP AMP WB SINGLE 8 PIN PLSTC-SOIC	03406	CLC409AJE-TR13
U217	1826-3281	1	D/A 12-BIT 28-PLSTC-SSOP CMOS	03285	AD7564BRS
U218	1826-2145	1	ANALOG SWITCH 4 SPST 16 -P-SOIC	02883	DG413DY
U219	1826-2145	1	ANALOG SWITCH 4 SPST 16 -P-SOIC	02883	DG413DY
U220	1826-2379	1	IC OP AMP VID-SPCL-FCTN SINGLE 8 PIN	03285	AD829JR
U221	1826-2733	1	IC OP AMP PRCN SINGLE 8 PIN PLSTC-SOIC	03285	OP-42GS

**Indicates factory-selected value*

HP Part Number E4423-60019
Frac-N/Divider (continued)

Reference Designator	HP Part Number	Qty	Description	Mfr Code	Mfr Part Number
U222	1826-1810	1	IC OP AMP LOW-BIAS-H-IMPD SINGLE 8 PIN	01698	TL071CD
U223	1826-2799	1	IC OP AMP WB SINGLE 8 PIN PLSTC-SOIC	03406	CLC409AJE-TR13
U224	1826-3978	1	ANALOG SWITCH 4 SPST 16 -P-SOIC	03285	ADG451BR
U225	1820-6277	1	IC SHF-RGTR CMOS/HC SYNC/ASYNC SERIAL-IN	02237	MM74HC595M
U226	1826-3329	1	IC OP AMP VID-SPCL-FCTN SINGLE 8 PIN	03285	AD818AR
U227	1820-5803	1	IC LCH CMOS/HC ADDRESSABLE 8-BIT	01698	SN74HC259D
U228	1820-5945	1	IC GATE CMOS/AC NAND QUAD 2-INP	36633	MC74AC00D
U230	1826-4193	1	ANALOG MULTIPLEXER 8 -P-SOIC	03285	AD8180AR
U231	1826-4193	1	ANALOG MULTIPLEXER 8 -P-SOIC	03285	AD8180AR
U232	1826-4193	1	ANALOG MULTIPLEXER 8 -P-SOIC	03285	AD8180AR
U233	1826-4193	1	ANALOG MULTIPLEXER 8 -P-SOIC	03285	AD8180AR
U234	1826-4193	1	ANALOG MULTIPLEXER 8 -P-SOIC	03285	AD8180AR
U235	1820-5552	1	IC BFR CMOS/HC BUS QUAD	02910	74HC125D
U236	1821-3981	1	IC DCDR-DEMUXR CMOS 2-TO-4-LINE DUAL	02237	74VHC139M
U311	1826-3978	1	ANALOG SWITCH 4 SPST 16 -P-SOIC	03285	ADG451BR
U312	1GC1-4205	1	RF/IF AMP WIDEBAND SINGLE 6 PIN	10743	1GC1-4205
U313	1GC1-4210	1	IC PRESCALER ECL DIVIDE-BY-N	10743	1GC1-4210
U314	1GC1-4205	1	RF/IF AMP WIDEBAND SINGLE 6 PIN	10743	1GC1-4205
U315	1826-2330	1	IC OP AMP PRCN SINGLE 8 PIN PLSTC-SOIC	10858	LT1097S8
U400	1826-1687	1	IC PWR MGT-V-REF-FXD 9.95/10.05V 8 PINS	10858	LT1021DCS8-10
U401	1826-2403	1	IC OP AMP LP DUAL 8 PIN PLSTC-SOIC	36633	MC33178DR2
U402	1826-1912	1	IC OP AMP H-SLEW-RATE DUAL 8 PIN	36633	MC34072DR2
U403	1826-1909	1	IC OP AMP H-SLEW-RATE QUAD 14 PIN	36633	MC34074DR2
U404	1826-2147	1	ANALOG MULTIPLEXER 8 CHNL 16 -P-SOIC	02883	DG408DY
VR100	1902-1591	1	DIODE-ZNR 30V 2% TO-236 (SOT-23) PD=.3W	02910	BZX84-B30
VR101	1902-0967	1	DIODE-ZNR 24V 5% DO-35 PD=.4W TC=+.094%	02688	1N970B
VR102	1902-0950	1	DIODE-ZNR 4.7V 5% DO-35 PD=.4W TC=+.025%	36633	SZ30035-8RL
VR200	1902-1424	1	DIODE-ZNR 5.6V 5% TO-236 (SOT-23)	06394	BZX84C5V6
VR201	1902-1424	1	DIODE-ZNR 5.6V 5% TO-236 (SOT-23)	06394	BZX84C5V6
VR202	1902-1424	1	DIODE-ZNR 5.6V 5% TO-236 (SOT-23)	06394	BZX84C5V6
VR203	1902-1424	1	DIODE-ZNR 5.6V 5% TO-236 (SOT-23)	06394	BZX84C5V6
W100	1258-0209	1	JUMPER-REMOVABLE 2 POSITION; .250 IN	01380	382811-6

**Indicates factory-selected value*