



Agilent E3191A Spare Parts Kit for Agilent 4071A/4072A

Description

The Agilent E3191A Spare Parts Kit provides spare parts for the Agilent 4071A Semiconductor Parametric Tester and Agilent 4072A Advanced Parametric Tester. This kit covers 70% of hardware failure as standard, and 90% by specifying option 001. High-power SMU parts are covered by option 002. HF matrix parts for the 4072A are covered by option 010. Parts related to the line voltage are covered by options 100, 101, 200, and 201.

To order parts, give the HP part number, indicate the quantity required, and address the order to the nearest Agilent office.

See the *Service Guide* on how to use the spare parts.

Product	Option	Description
E3191A		Spare Parts Kit for the 4071A/4072A Tester. Basic spare parts for 70% coverage. Included are 3 pin boards, 2 MPSMUs (100 V/100 mA), and 12 pin contacts.
	001	Coverage Upgrade to 90%. Additional cards for the testhead, testhead power supplies, optical I/F card and cables, etc.
	002	Add HPSMU Module. Add the HPSMU board and heat sink.
	010	(4072A Only) Add HF Matrix Parts. Add HF matrix board and pulse switch boards.
	100	(4071A Only) Add 100/120 Vac Fans for JP10D-. Add testhead fan and cabinet fan assembly for the 100/120 Vac line voltage.
	101	(4071A Only) Add 100/120 Vac Fans for JP20D-. Add testhead fan and cabinet fan assembly for the 100/120 Vac line voltage.
	200	(4071A Only) Add 220/240 Vac Fans for JP10D-. Add testhead fan and cabinet fan assembly for the 220/240 Vac line voltage.
	201	Add 200/208/220/240 Vac Fans for the 4071A (JP20D-) and HP 4072A. Add testhead fan and cabinet fan assembly for the 200/208/220/240 Vac line voltage.

Receiving

After receiving the E3191A, open all the boxes and check if all the spare parts are included according to the Contents List.

If there are damaged parts or missing parts, contact the nearest Agilent office.

Contents List

The following table lists contents of the E3191A:

Product	Opt	Description		
		P/N	Qty	Description
E3191A		Spare Parts Kit for Agilent 4071A/4072A Tester (70% Coverage).		
		0360-2066	12	Contact Pin
		9300-0148	1	Lint Free Gloves
		E3121-66511	3	Agilent E3121A Pin Board
		E3131-66501	2	Agilent E3131A 100 V/100 mA SMU
	001	Coverage Upgrade to 90%.		
		E3120-61603	1	Optical Fiber Cable Assembly (Pair)
		E3120-66502	1	High-Resolution ADC Board
		E3120-66512	1	Low Current Input Board (Ports 1, 2)
		E3120-66513	1	Kelvin Input Board (Ports 3-6)
		E3120-66518	1	LED Board (Power-On Indicator)
		E3120-66526	1	Relay Test Board
		E3120-66533	1	GNDU Board
		E3120-66534	1	TH PS Input Board ^a
		E3120-66535	1	CMU Input Board (Ports 7, 8)
		E3120-66544	1	TH PS Input Board ^b
		E3120-66561	1	Chuck Connection Pin Board
		E3120-66571	1	Testhead CPU Board (with Optical Interface)
		E3160-61001	1	Testhead Power Supply, Primary (AC-DC)
		E3160-61002	1	Testhead Power Supply, Secondary (DC-DC)
		E3160-66542	1	Optical Interface Board (ISA)
		E3160-66503	1	Optical Interface Board (PCI)
	002	Add HPSMU Module.		
		E3132-60001	1	HPSMU Board
		E3132-66503	1	HPSMU Heat Sink
	010	(4072A Only) Add HF Matrix Parts.		
		E3125-66501	1	HF Matrix Board
		E3125-66502	1	Pulse Switch Board 1
		E3125-66503	1	Pulse Switch Board 2
	100	(4071A Only) Add 100/120 Vac Fans for JP10D-.		
		E3160-60021	1	Cabinet Fan Assembly, 100/120 Vac ^a
		E3160-60025	1	Testhead Fan, 100/120 Vac ^a
	101	(4071A Only) Add 100/120 Vac Fans for JP20D-.		
		E3160-60074	1	Cabinet Fan Assembly, 100/120 Vac ^b
		E3160-60054	1	Testhead Fan, 100/120 Vac ^b
	200	(4071A Only) Add 220/240 Vac Fans for JP10D-.		
		E3160-60022	1	Cabinet Fan Assembly, 220/240 Vac ^a
		E3160-60026	1	Testhead Fan, 220/240 Vac ^a
	201	Add 200/208/220/240 Vac Fans for the 4071A (JP20D-) and 4072A.		
		E3160-60075	1	Cabinet Fan Assembly, 200/208/220/240 Vac ^b
		E3160-60026	1	Testhead Fan, 200/208/220/240 Vac ^b

a. This part is used for the 4071A with serial number prefix JP10D-.

b. This part is used for the 4071A with serial number prefix JP20D- and for the 4072A.

