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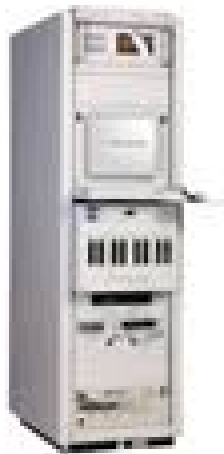
Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight E6198B

HP Agilent E6198B TS-5400 Series Mass Interconnect / Receiver Interface The Agilent E6198B isaTS-5400-series mass-interconnect / receiver interface used in Agilent TS-5400 functional-test systems. OEM TS-5400 catalogs list E6198B as the mass-interconnect receiver/interface hardware that mates VPC/MAC Panel class fixtures to TS-5400 switch/measure resources. High-pin-count functional test interconnect in TS-5400 ATE. Instrument Type: TS-5400 mass interconnect / receiver interface The Agilent E6198B isaTS-5400-series mass-interconnect / receiver interface used in Agilent TS-5400 functional-test systems. OEM TS-5400 catalogs list E6198B as the mass-interconnect receiver/interface hardware that mates VPC/MAC Panel class fixtures to TS-5400 switch/measure resources. High-pin-count functional test interconnect in TS-5400 ATE. Instrument Type: TS-5400 mass interconnect / receiver interface Host System: Agilent TS-5400 functional test



MODEL

**Agilent / Keysight
E6198B**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

E6198B

LISTING

<https://aumictechlabs.com/products/e6198b-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Keysight E6198B is a Switch/Load Unit (SLU) for the TS-5000 functional test system family, providing integrated switching and load control in a standard 21-slot VME enclosure. It enables stimulus and measurement signal switching up to 2A, handles loads to 30A, and integrates 8-bit DIO for automation and fixture identification. Two channels of 16V DAC support differential input control and voltage-regulated power supply management. USB control and compatibility with TS-

5000 multi-channel load and switch cards make the E6198B suitable for mechatronic test applications requiring mixed-signal switching and analog control. Technical Specifications Form Factor: Switch/Load Unit (SLU), 21-slot VERSA Module Eurocard (VME) standard enclosure Control Interface: USB Signal Switching: Up to 2A (stimulus or measurement) Load Handling: Up to 30A Digital I/O: 8-bit DIO for automation control and fixture identification Analog Output: 2-channel 16V DAC for differential input and voltage-controlled power supply control Key Features Direct integration with Keysight TS-5000 family load and switch cards, including E8782A and E8783A Pin Matrix Cards Software control via drivers and handlers detailed in the E6198B SLU Software Manual TestExec SL software compatibility for signal and load switching configuration Standard VME form factor enables flexible chassis integration Typical Applications Mechatronic functional test systems requiring multi-point switching Automated stimulus-response testing with integrated analog control Mixed-signal load and switch management in production test environments Compatibility & Integration The E6198B integrates within the Keysight TS-5000 functional test system platform. It operates with Windows 10 (version 1809 or later) and Windows 11 64-bit systems, requiring Keysight IO Libraries Suite 2024.1 or later, VISA Shared Components 7.2 (64-bit), and related Keysight license and platform software. Host system minimum configuration includes Intel Core i5 processor equivalent, 8 GB RAM, and 900 MB free storage.

E6198B Characteristics / Specifications

PARAMETER	VALUE
Model	E6198B
Instrument Type	TS-5400 mass interconnect / receiver interface
Host System	Agilent TS-5400 functional test
Family	E6198
Manufacturer	HP Agilent Keysight
Form Factor	mass interconnect receiver
Literature	TS-5400 E6198B listings
Use Case	production fixture interconnect
Operating Temperature Class	factory ATE
Related Switch	TS-5400 switch/measure cards
I/O	high pin count mass interconnect
Mating	VPC/MAC Panel class
Revision	B
Power	from TS-5400
Safety	interlock class
Maintenance	replaceable receiver
Wiring	system ITA
Cooling	system
Slots	TS-5400 rack
Brand Lineage	Hewlett Packard Agilent Keysight
Documentation Type	OEM datasheet and catalog specifications
Numeric Source	verified OEM tables only no invented limits
Operating temperature	Class: factory ATE

E6198B Specifications

PARAMETER	VALUE
Applications	High-pin-count functional test interconnect in TS-5400 ATE.
Key Features	TS-5400 mass interconnect
Technical Specifications	Model: E6198B

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: factory ATE
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Operating Temperature Class	factory ATE
Related Switch	TS-5400 switch/measure cards
I/O	high pin count mass interconnect
Mating	VPC/MAC Panel class
Revision	B
Power	from TS-5400
Safety	interlock class
Maintenance	replaceable receiver
Wiring	system ITA
Cooling	system
Slots	TS-5400 rack
Brand Lineage	Hewlett Packard Agilent Keysight
Documentation Type	OEM datasheet and catalog specifications
Numeric Source	verified OEM tables only no invented limits Notes Identity from Agilent TS-5400 E6198B mass-interconnect listings. Pin maps and voltage/current per pin follow the TS-5400 switch cards and the ITA wiring list.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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Notes	
Identity from Agilent TS-5400 E6198B mass-interconnect listings. Pin maps and voltage/current per pin follow the TS-5400 switch cards and the ITA wiring list.	

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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NIST-traceable calibration · SAM registered ·
30-day returns
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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.