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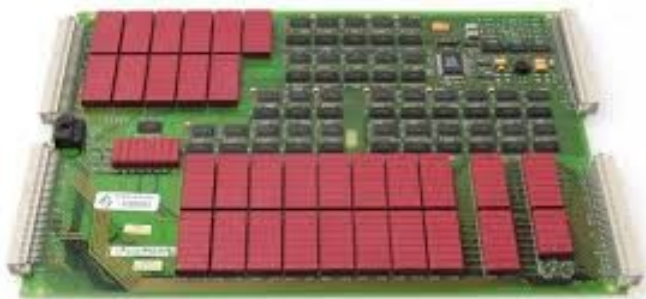
Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight E8793A

Agilent E8793A 32 Pin Matrix Card for TS-5400 Switch Load Unit The Agilent E8793A is a 32-pin matrix card for the E6198A/B Switch/Load Unit used in TS-5400 functional test systems. OEM E6198B manuals list E8793A as a 32-pin matrix that multiplexes the 4-wire analog bus (ABus1-ABus4) to 32 UUT pins, increasing channels in increments of 32. Companion E8792A adds instrumentation support on the same 32-pin matrix class. The Switch/Load Unit is a VME-type enclosure with a high-current backplane and slots for up to 21 plug-in cards. The Agilent E8793A is a 32-pin matrix card for the E6198A/B Switch/Load Unit used in TS-5400 functional test systems. OEM E6198B manuals list E8793A as a 32-pin matrix that multiplexes the 4-wire analog bus (ABus1-ABus4) to 32 UUT pins, increasing channels in increments of 32. Companion E8792A adds instrumentation support on the same 32-pin matrix class. The Switch/Load Unit is a VME-type enclosure with a high-current backplane and slots for up to 21 plug-in cards. 32-pin 4-wire analog-bus matrix expansion in Agilent TS-5400 / E6198B functional test.



MODEL

**Agilent / Keysight
E8793A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

E8793A

LISTING

<https://aumictechlabs.com/products/e8793a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight E8793A is a 32-pin matrix module engineered for integration into Keysight TS-5000 series functional test systems. It delivers high-speed DC/AC measurements and high power handling capabilities, serving as a core component in automotive and complex electronic control

module test environments such as the TS-5400 Series II Automotive Functional Test System. Technical Specifications Product Type: 32-Pin Matrix Module System Compatibility: Keysight TS-5000 Series, TS-5400 Series II Automotive Functional Test System Interfaces: TestExec SL, GPIB, VXI Measurement Capability: High-speed DC/AC measurements with high power handling Channel Density: Increases measurement channel density within compatible test platforms Key Features Multi-interface support enables integration with both legacy VXI-based platforms and modern PXI architecture Modular design allows configuration with complementary TS-5000 series components Supports both instrument-level control and direct pin-level switching operations Contributes to overall test system measurement density improvements Typical Applications Automotive electronic control unit (ECU) functional testing Complex multi-pin device characterization High-current and high-voltage DC/AC measurement setups Integrated automotive powertrain and body electronics verification Compatibility & Integration The E8793A works with other TS-5000 series modules including the E8792A 32-Pin Matrix and Instrument Multiplexer Module, E8782A 24-Instrument 40-Measurement Matrix Card, E8783A 64-Pin Matrix Card, N9379A Multi-Channel Loadcard, and E6198A TS-5400 Series II Switch/Load Unit. System interconnection uses standard twisted-pair and DIN cables such as the E3751-61601 64-Conductor Twisted-Pair Cable and E3750-61608 96-Pin, 64-Conductor to 96-Pin DIN Cable.

E8793A Characteristics / Specifications

PARAMETER	VALUE
Model	E8793A
Instrument Type	32-pin matrix card
Host Unit	E6198A/B Switch/Load Unit
Host System	TS-5400 functional test system
Matrix Size	32 × 4
Analog Bus	4-wire analog bus ABus1 to ABus4
Uut Pins	32 pins for the UUT
Channel Increment	increases channels in increments of 32
Related Instrument Matrix	E8792A 32-pin matrix card with instrumentation support
Related 40 Pin	E8782A 40-pin matrix with 24-instrument support
Related 64 Pin	E8783A 64-pin matrix card
Related Custom	E8794A custom card
Backplane	custom high current backplane
Slot Capacity	up to 21 optional plug-in cards in the Switch/Load Unit
Enclosure Class	standard VME type enclosure
Form Factor	E6198 Switch/Load Unit plug-in card
Manufacturer	HP Agilent Keysight
Use Case	TS-5400 pin matrix
Literature	Agilent E6198B Switch/Load Unit manual E8792A/E8793A specifications
Family	TS-5400 / E6198 matrix cards
Documentation Type	OEM E6198B matrix card table
Brand Lineage	Hewlett Packard Agilent Keysight
System Role	32-pin analog bus matrix
Bus	VXI/VME Switch/Load Unit

PARAMETER	VALUE
Part Number Class	E8793-81000 on some E8793A cards

E8793A Specifications

PARAMETER	VALUE
Applications	32-pin 4-wire analog-bus matrix expansion in Agilent TS-5400 / E6198B functional test.
Key Features	32 × 4 pin matrix
Technical Specifications	Model: E8793A

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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PARAMETER	VALUE
Model	E8793A
Instrument Type	32-pin matrix card
Host Unit	E6198A/B Switch/Load Unit
Host System	TS-5400 functional test system
Matrix Size	32 x 4
Analog Bus	4-wire analog bus ABus1 to ABus4
Uut Pins	32 pins for the UUT
Channel Increment	increases channels in increments of 32
Related Instrument Matrix	E8792A 32-pin matrix card with instrumentation support
Related 40 Pin	E8782A 40-pin matrix with 24-instrument support
Related 64 Pin	E8783A 64-pin matrix card
Related Custom	E8794A custom card
Backplane	custom high current backplane
Slot Capacity	up to 21 optional plug-in cards in the Switch/Load Unit
Enclosure Class	standard VME type enclosure
Form Factor	E6198 Switch/Load Unit plug-in card
Manufacturer	HP Agilent Keysight
Use Case	TS-5400 pin matrix
Literature	Agilent E6198B Switch/Load Unit manual E8792A/E8793A specifications
Family	TS-5400 / E6198 matrix cards
Documentation Type	OEM E6198B matrix card table
Brand Lineage	Hewlett Packard Agilent Keysight
System Role	32-pin analog bus matrix
Bus	VXI/VME Switch/Load Unit
Part Number Class	E8793-81000 on some E8793A cards

Notes

From Agilent E6198B Switch/Load Unit manuals (E8793A 32-pin matrix, ABus1-ABus4, 32 UUT pins, up to 21 cards). Relay voltage, current, and path resistance are on the E8792A/E8793A specification appendix.

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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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.