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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight E1694A

The HP E1694A is a 155 Mb/s ATM receiver VXI module for the Broadband Series Test System. OEM catalog listings pair it with the E1693A 155 Mb/s ATM generator. STS-3c/STM-1 ATM cell-stream receive, HEC, and cell-layer analysis in BSTS racks. Partner Generator: E1693A 155 Mb/s ATM generator Partner Optical LIF: E1697A 155 Mb/s optical line interface Atm Cell Rate Class: 149.76 Mb/s as on E1697A 155 Mb/s LIF Related 622 Receive Path: E1618A 622 Mb/s optical LIF Hec Analysis Class: header error checks on BSTS ATM receivers From HP E1694A catalog identity (155 Mb/s ATM Receiver, VXI). Capture depth follows the paired BSTS line interface datasheet.



MODEL

**Agilent / Keysight
E1694A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

E1694A

LISTING

<https://aumictechlabs.com/products/e1694a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Agilent/Keysight E1694A is a logic analyzer probe engineered for high-fidelity signal acquisition in digital system debugging. It has reliable connections to target circuits while maintaining signal integrity throughout the measurement process. Technical Specifications Product Type: Logic Analyzer Probe Manufacturer: Agilent / Keysight Model: E1694A Connector Configuration: Probe tips, cables, and connectors designed for direct probing of digital signals. Specific connector types and pinouts are tailored to the logic analyzer mainframe model. Key Features Direct signal probing capability for digital systems High signal integrity maintained during data acquisition Engineered for reliable physical and electrical connections to target circuits

Proprietary probe connector and cable interface with Agilent/Keysight logic analyzer systems

Typical Applications Digital system debugging and signal verification Logic state monitoring and timing analysis Target circuit signal acquisition and characterization

Compatibility & Integration The E1694A probe interfaces with Agilent/Keysight logic analyzer systems through proprietary connectors and cables. Probe attachment and operation specifications are determined by the target logic analyzer mainframe model. Consult the appropriate logic analyzer mainframe documentation for detailed compatibility matrix and probe configuration requirements.

E1694A Characteristics / Specifications

PARAMETER	VALUE
Model	E1694A
Instrument Type	155 Mb/s ATM receiver
Line Rate	155.52 Mb/s
Mapping Class	STS-3c/STM-1 ATM
Card Format	C-size VXI
Partner Generator	E1693A 155 Mb/s ATM generator
Partner Optical Lif	E1697A 155 Mb/s optical line interface
Partner Processor	E4209B Cell Protocol Processor
Partner Chassis	E4200/E4210 BSTS
Related Load Generator	E1696A optical SONET/SDH load generator
Manufacturer	HP Agilent Keysight
Use Case	155 Mb/s ATM cell receive
Atm Cell Rate Class	149.76 Mb/s as on E1697A 155 Mb/s LIF
Standards Family	ITU-T I.361 ATM
Remote Control	BSTS UNIX controller
System Role	155 Mb/s ATM receiver
Form Factor	C-size VXI module
Bus	VXI
Related 622 Receive Path	E1618A 622 Mb/s optical LIF
Rate Sts12 Sibling	622.08 Mb/s
Slot Family	BSTS VXI
Hec Analysis Class	header error checks on BSTS ATM receivers

E1694A Specifications

PARAMETER	VALUE
HP Agilent E1694A 155 Mb/s ATM Receiver	Overview
Applications	STS-3c/STM-1 ATM cell-stream receive, HEC, and cell-layer analysis in BSTS racks.
Key Features	Dedicated 155 Mb/s ATM receiver
VXI module for BSTS	Pairs with E1693A ATM generator
Technical Specifications	Model: E1694A
Notes	From HP E1694A catalog identity (155 Mb/s ATM Receiver, VXI). Capture depth follows the paired BSTS line interface datasheet.

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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Hec Analysis Class	header error checks on BSTS ATM receivers
Notes	
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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.