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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 54652A

HP Agilent 54652A RS-232 Parallel Interface Module for 54600 Oscilloscopes The HP 54652A adds RS-232 and Centronics parallel I/O to 54600-series digitizing oscilloscopes. OEM 54600 accessory literature listaplug-on interface module for remote control and hardcopy on 54600/54600A/B mainframes. 54651A is the GPIB sibling. Serial automation and printer dumps from 54600-series scopes without GPIB. Instrument Type: RS-232 and parallel interface module The HP 54652A adds RS-232 and Centronics parallel I/O to 54600-series digitizing oscilloscopes. OEM 54600 accessory literature listaplug-on interface module for remote control and hardcopy on 54600/54600A/B mainframes. 54651A is the GPIB sibling. Serial automation and printer dumps from 54600-series scopes without GPIB. Instrument Type: RS-232 and parallel interface module Host Oscilloscopes: HP 54600 54600A 54600B family

**MODEL****Agilent / Keysight
54652A****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****54652A****LISTING**<https://aumictechlabs.com/products/54652a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Agilent/Keysight 54652A is a parallel I/O module engineered to extend the measurement and control capabilities of Agilent 54600 Series oscilloscopes. This interface module enables parallel data transfer and control between the oscilloscope and external instruments or systems, supporting applications that demand deterministic data acquisition or inter-device communication protocols. The module incorporates hardcopy output functionality for direct waveform

documentation. Technical Specifications Parallel data transfer and control interface Hardcopy output capability for waveform data Physical dimensions: 12 × 10 × 8 inches Weight: 10 lbs Key Features Parallel interface architecture for bidirectional data exchange Direct waveform output to compatible hard-copy devices Modular design for straightforward integration into existing 54600 Series systems Typical Applications External device communication and control from oscilloscope platforms Automated data acquisition in parallel-connected test environments Real-time waveform capture and documentation workflows Multi-instrument system integration requiring synchronous data transfer Compatibility & Integration The 54652A is purpose-designed for the Agilent 54600 Series oscilloscope family. Its parallel interface connects directly to compatible 54600 instruments, enabling immediate expansion of I/O capabilities without requiring external adapters or interface cards.

54652A Characteristics / Specifications

PARAMETER	VALUE
Model	54652A
Instrument Type	RS-232 and parallel interface module
Host Oscilloscopes	HP 54600 54600A 54600B family
Serial Interface	RS-232
Printer Interface	Centronics parallel
Mounting	plug-on interface module
Sibling Gpib	54651A IEEE-488 module
Manufacturer	HP Agilent Keysight
Mechanical Package	54600 accessory module
Programming	remote setup and waveform transfer via RS-232
Hardcopy	parallel printer dump of the scope screen
Power	powered from the host oscilloscope
Family	54650-series interface modules
Scope Class	54600 digitizing oscilloscopes
Local Front Panel	scope remains usable locally
Documentation	54600-series programmer and accessory data
Connector Serial	RS-232 DTE/DCE as on the module
Connector Printer	Centronics parallel
Ate Use	serial automation of 54600 scopes
Standard Serial	RS-232
Standard Printer	Centronics
Waveform Transfer	trace upload via RS-232

54652A Specifications

PARAMETER	VALUE
Applications	Serial automation and printer dumps from 54600-series scopes without GPIB.
Key Features	RS-232 remote control
Centronics parallel printer port	Plug-on 54600 accessory
Technical Specifications	Model: 54652A
Notes	From HP 54600-series accessory data for 54652A RS-232/parallel interface module. Confirm baud and handshake on the host 54600 I/O menu.

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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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.