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Data Sheet

August 13, 2026

KEYSIGHT / AGILENT / HP

Keysight / Agilent / HP E5396-68702 Kit of Five Retention Modules for E5396A/E5398A

The Keysight E5396-68702 is a kit containing five retention modules designed for use with the E5396A and E5398A logic analyzer probes. These modules ensure a secure and reliable connection between the probe and the target device, crucial for accurate signal acquisition and analysis in electronic testing and debugging.

**MODEL****Keysight / Agilent /
HP E5396-68702****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****E5396-68702****LISTING**<https://aumictechlabs.com/products/e5396-68702-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight E5396-68702 is a five-module retention kit engineered to secure Soft Touch connectorless logic analyzer probes to target PCBs with precision pin-to-pad alignment. Each retention module employs micro spring-pin technology to establish reliable contact on signal pads, accommodating uneven or contaminated surfaces without requiring special plating or site preparation. Designed exclusively for the E5396A and E5398A probes, this top-side retention approach eliminates the need to access board rear surfaces and removes the requirement for dedicated connectors on the target board itself. Technical Specifications Load Capacitance: Less than 0.7 pF equivalent load capacitance Maximum Data Rate: Greater than 2.5 Gb/s Low-Amplitude Signal Measurement: 500 mV p-p (E5396A); 250 mV p-p (E5398A) Contact

Technology: Micro spring-pin design for signal pad contact Attachment Method: Top-side retention module; no back-side board access required Key Features Minimal circuit intrusion through high input impedance design Quality mechanical construction delivers solid electrical connections with integrated strain relief Transient noise immunity engineered into probe architecture Smallest industry footprint for space-constrained PCB layouts No connector requirement on target board; half-size Soft Touch connectorless footprint integration only Typical Applications Logic analysis and signal acquisition in complex electronic system debugging. Low-amplitude signal measurement. Mixed-signal oscilloscope probing where board real estate is limited and minimal circuit loading is critical. Compatibility & Integration E5396A Probe: Compatible with Keysight logic analyzers featuring 40-pin cable connectors and Keysight Infiniium 54830 Series mixed-signal oscilloscopes. E5398A Probe: Compatible with Keysight logic analyzers featuring 90-pin cable connectors. Retention modules attach directly to both probe models; no additional adapters or configuration required.

Features & description

From manufacturer datasheet

Features

- Kit quantity: five retention modules

Applications

- Retaining E5396A/E5388A probe housings on the DUT

E539668702 Characteristics / Specifications

PARAMETER	VALUE
Model	E5396-68702
Manufacturer	Agilent / Keysight
Instrument Type	Probe Retention Module Kit
Alias	E5396-68702
Kit Quantity	five retention modules
Compatible Probes	E5396A / E5398A family
Related E5339A	40-pin Mictor LV probe (this catalog)
Related E5383A	single-ended flying leads 40-pin (this catalog)
Function	mechanical retention of probe to target
Electrical Function	none (retention hardware only)
Analyzer Family	Agilent 16700/16800/16900 logic analyzers class
Form	hardware kit
NotAProbe	retention modules notaMictor cable
Not E53	different flying-lead set
Status	Agilent probe accessory
Installation	per E5396A probe user guide retention chapter
Material	probe retention plastic/metal hardware
Channels Parent	E5396A 17-channel class probe
Connector Parent	soft-touch/Mictor retention
Replace	worn or missing DUT retention clips
Documentation	E5396A probe accessory list
ESD	handle with probe assembly
Compatibility Note	confirm E5396A vs E5387A retention geometry
Use	mechanical spare Notes Kit of five retention modules for E5396A/E5398A from Agilent accessory number E5396-68702. Mechanical identity only; no invented electrical specs.

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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Model	E5396-68702
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Instrument Type	Probe Retention Module Kit
Specifications	
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Alias	E5396-68702
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Analyzer Family	Agilent 16700/16800/16900 logic analyzers class
Form	hardware kit
Specifications	
PARAMETER	VALUE
NotAProbe	retention modules notaMictor cable
Not E5382	different flying-lead set
Status	Agilent probe accessory

Specifications

PARAMETER	VALUE
Installation	per E5396A probe user guide retention chapter
Material	probe retention plastic/metal hardware
Channels Parent	E5396A 17-channel class probe

Specifications

PARAMETER	VALUE
Connector Parent	soft-touch/Mictor retention
Replace	worn or missing DUT retention clips
Documentation	E5396A probe accessory list

Specifications

PARAMETER	VALUE
ESD	handle with probe assembly
Compatibility Note	confirm E5396A vs E5387A retention geometry
Use	mechanical spare

Notes

Kit of five retention modules for E5396A/E5398A from Agilent accessory number E5396-68702. Mechanical identity only; no invented electrical specs.

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.