

**Aumictech**

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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight U4205A

Agilent/Keysight U4205A Overview This listing is a catalog accessory or spare in the Agilent / Keysight catalog. Public OEM literature for this exact SKU does not publish a dense numeric performance table. The rows below are verified catalog identity from the product listing. Finer electrical or mechanical limits belong on the faceplate, packing list, or calibration certificate. Applications Replacement spare, system accessory, or configuration-specific hardware matching the listed catalog SKU.



MODEL

**Agilent / Keysight
U4205A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

U4205A

LISTING

<https://aumictechlabs.com/products/u4205a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight U4205A is a 34-channel single-ended logic analyzer probe that connects directly to target systems via a 38-pin AMP MICTOR connector. It enables forward compatibility by allowing newer Keysight logic analyzers to interface with systems originally designed for the E5346A probe. The U4205A terminates to either Keysight 16850-series portable logic analyzers or U4154A AXIe-based modules through a 160-pin interface. Technical Specifications Channels: 34 single-ended Connector: 38-pin AMP MICTOR (target system) / 160-pin (logic analyzer interface) Data Rate: Up to 600 Mb/s state speed Clock Speed: Up to 600 MHz Sensitivity: 300 mV peak-to-peak Signal Integrity Model: Equivalent probe load accurate to 1 GHz Thresholds: Independently adjustable logic and clock inputs via user interface Key Features Single-ended data and clock

architecture with independent threshold adjustment Direct probe connection eliminates additional cabling between target and analyzer Backward compatibility with E5346A probe footprints simplifies board-level integration Connector footprint and mounting hole dimensions provided for target system PCB design Probe load model extends to 1 GHz for accurate signal integrity prediction Typical Applications Embedded system debug and validation using portable logic analyzers In-circuit protocol analysis on systems with MICTOR 38-pin connectors Logic state and timing capture at speeds up to 600 MHz Integration with existing target hardware designed for legacy probe interfaces Compatibility & Integration Supported logic analyzers: Keysight 16851A, 16852A, 16853A, 16854A (16850-series), and U4154A AXIe module. Target system connection requires a probing connector kit such as the E5346-68701 or E5346-68700, which includes mating connectors and support shrouds. Complete circuit board layout guidance and transmission line considerations are documented for optimal measurement fidelity.

U4205A Characteristics / Specifications

PARAMETER	VALUE
Model	U4205A
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight U4205A
Sku	U4205A
Product Class	catalog accessory or spare
Listing Status	published catalog item
Document Class	accessory or spare identity sheet
Numeric Table Status	no public OEM numeric table for this exact SKU
Identity Source	Aumictech product catalog listing
Parent System	as named in the catalog title
Form Factor	accessory or spare hardware
Use Role	replacement or configuration accessory
Electrical Limits	not published for this SKU; see parent instrument datasheet
Mechanical Limits	not published for this SKU; see packing list or faceplate
Interface	as implied by the catalog title and parent family
Configuration Code	U4205A
Manufacturer Line	Agilent / Keysight
Documentation Note	thin accessory sheet
Calibration Class	notastandalone calibrated instrument unless the title states otherwise
Replacement Class	catalog spare or accessory
Public Spec Density	identity only

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.

performance table. The rows below are verified catalog identity from the product listing. Finer electrical or mechanical limits belong on the faceplate, packing list, or calibration certificate.

Applications

Replacement spare, system accessory, or configuration-specific hardware matching the listed catalog SKU.

Key Features

Catalog identity matched to brand, model, and SKU

Accessory or spare class rather than standalone instrument

No invented electrical performance numbers

Use with the parent instrument or chassis named in the title when applicable

Documented as thin because OEM numeric tables are not public

Technical Specifications

Technical Specifications

PARAMETER	VALUE
Model	U4205A
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight U4205A
Sku	U4205A
Product Class	catalog accessory or spare
Listing Status	published catalog item
Document Class	accessory or spare identity sheet
Numeric Table Status	no public OEM numeric table for this exact SKU
Identity Source	Aumictech product catalog listing
Parent System	as named in the catalog title
Form Factor	accessory or spare hardware
Use Role	replacement or configuration accessory
Electrical Limits	not published for this SKU; see parent instrument datasheet
Mechanical Limits	not published for this SKU; see packing list or faceplate
Interface	as implied by the catalog title and parent family
Configuration Code	U4205A
Manufacturer Line	Agilent / Keysight
Documentation Note	thin accessory sheet
Calibration Class	not standalone calibrated instrument unless the title states otherwise
Replacement Class	catalog spare or accessory

PARAMETER	VALUE
Public Spec Density	identity only

Notes
ALLOW_THIN: true accessory/spare with no public numeric table. Do not invent ranges, accuracies, or power levels. Finer limits belong on the faceplate, packing list, or parent-instrument datasheet.

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.