

**Aumictech**

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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight U4209A

Agilent/Keysight U4209A 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
U4209A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

U4209A

LISTING

<https://aumictechlabs.com/products/u4209a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight U4209A is a specialized probe/cable assembly that bridges high-speed DDR4 BGA interposers to logic analyzer modules for detailed signal acquisition and analysis. It terminates in a 61-pin Zero Insertion Force (ZIF) connector on the interposer side and dual 160-pin connectors for direct connection to the U4164A logic analyzer front panel. This configuration enables simultaneous capture of address, command, and data signals across multiple sampling states, making it essential for DDR4 functional and protocol debug workflows. Technical Specifications 61-pin ZIF probe connector (interposer-side termination) Dual 160-pin direct-connect connectors (logic analyzer interface) Designed for high-speed digital signal capture with controlled impedance and signal integrity "No RC" configuration (resistor-capacitor network absent) Key

Features Connects directly from the right wing of W4640A Series DDR4 BGA interposers to U4164A AXIe-based logic analyzer modules Supports dual operating modes on the U4164A: normal state mode for address and command signals, quad sample state mode for data signal acquisition Part of the Keysight U4200A-series probe and cable family Eliminates intermediate cabling between interposer and analyzer Typical Applications DDR4 memory interface debug and characterization Protocol-level analysis of address, command, and data bus signals Functional validation of memory subsystems during design and manufacturing Compatibility & Integration The U4209A integrates with the Keysight DDR4 analysis ecosystem. It requires W4640A Series DDR4 BGA interposers for Device Under Test connection and interfaces exclusively with U4164A logic analyzer modules equipped with 160-pin front panel connectors. Configuration presets for the W4640A interposers and U4208A/U4209A probe/cable combinations ship with the B4661A memory analysis software. Reference documentation includes the U4200A-Series Probes and Cables User Guide and DDR4 Functional/Protocol Debug and Analysis Reference Solution configuration guides.

U4209A Characteristics / Specifications

PARAMETER	VALUE
Model	U4209A
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight U4209A
Sku	U4209A
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	U4209A
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	U4209A
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight U4209A
Sku	U4209A
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	U4209A
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.