

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight U4204A

Agilent/Keysight U4204A 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
U4204A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

U4204A

LISTING

<https://aumictechlabs.com/products/u4204a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight U4204A is a 34-channel connectorless logic analyzer probe designed for direct connection to devices under test with minimal signal path impedance. Part of the Soft Touch Pro Series, this probe integrates with the 16850A Series portable logic analyzers to enable detailed digital signal analysis and hardware debugging of complex embedded systems. The U4204A accepts single-ended data signals and single-ended or differential clock signals through a 160-pin direct-connect interface, supporting measurement amplitudes of 200 mV Vmax-Vmin. Engineers use this probe for signal integrity verification, system performance optimization, and combined hardware-firmware development workflows. Technical Specifications Channels: 34 Probe Series: Soft Touch Pro Series Probe Type: Connectorless, direct-connect Connector: 160-pin direct

connect Data Signal Type: Single-ended Clock Signal Type: Single-ended or differential Amplitude Range: 200 mV Vmax-VminKey Features Direct-connection design minimizes impedance and preserves signal fidelity on the target system Low-impact probing reduces loading effects during measurement Supports simultaneous single-ended data and differential clock acquisition Compatible with E5405-68702 retention modules for flexible deploymentTypical Applications Embedded system debug and verification Digital signal path analysis Multi-channel logic capture during firmware development Signal integrity assessment in high-speed designsCompatibility & Integration Keysight 16850A Series portable logic analyzers E5405-68702 retention module (individual) E5403A retention module kit (five units) Detailed electrical characteristics and transmission behavior documented in the U4200A-Series Probes and Cables User Guide

U4204A Characteristics / Specifications

PARAMETER	VALUE
Model	U4204A
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight U4204A
Sku	U4204A
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	U4204A
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	U4204A
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight U4204A
Sku	U4204A
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	U4204A
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.