

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight W2631B

Agilent/Keysight W2631B 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
W2631B**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

W2631B

LISTING

<https://aumictechlabs.com/products/w2631b-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight W2631B is a DDR2 ×16 BGA probe set engineered for non-intrusive signal access to command, address, and data buses in DDR2 DRAM devices. Designed for integration with 16900 Series logic analyzers and oscilloscope systems, it enables precision signal acquisition and analysis without requiring board redesign. The probe provides full electrical and mechanical isolation while maintaining signal integrity across DDR2 memory validation workflows. Technical Specifications DDR2 ×16 DRAM signal probing with support for 92-ball BGA packages (all signals) and 84-ball packages (without mechanical support balls) DDR2 data rates up to 667 MT/s with 16950B logic analyzer Compatible with all DDR2 speeds using 16962A logic analyzer Data capture capability up to 4 Gb/s with U4154A AXIe-based logic analyzer systems Non-intrusive connection

maintains signal integrity during measurement

Key Features

- Zero Insertion Force (ZIF) probe integration - compatible with E5384A or E5826A probes
- DDR2/DDR3 eye finder and eye scan functionality for signal integrity analysis
- Single x16 DRAM signal access per probe set
- Field deployment without upfront design modification

Typical Applications

- DDR2 memory subsystem validation and troubleshooting
- Signal integrity characterization on boards with BGA-mounted DRAM
- Protocol compliance testing using B4621A and B4622A analysis tools
- Multi-speed DDR2 bus analysis and eye diagram capture

Compatibility & Integration

- 16900 Series logic analysis systems (16950B, 16962A)
- U4154A AXIe-based logic analyzer platforms
- B4621A DDR2/DDR3 Bus Decoder
- B4622A DDR2/DDR3 Protocol Compliance and Analysis Tool

W2631B Characteristics / Specifications

PARAMETER	VALUE
Model	W2631B
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight W2631B
Sku	W2631B
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	W2631B
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	W2631B
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight W2631B
Sku	W2631B
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	W2631B
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.