

**Aumictech**

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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight E5845A

Agilent/Keysight E5845A 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
E5845A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

E5845A

LISTING

<https://aumictechlabs.com/products/e5845a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight E5845A is a single-ended ZIF probe designed for high-speed DDR3 DRAM characterization. It is the interface between W3631A DDR3 DRAM BGA probes and compatible Keysight logic analyzers, enabling capture of memory bus signals during real-time operation. Technical Specifications 46 total channels: 44 single-ended data channels + 2 differential clock channels Maximum data rate: 1333 Mb/s Equivalent load capacitance: 1.5 pF Minimum signal amplitude: 250 mV p-p Connector type: Single-ended ZIF (Zero Insertion Force) probe Key Features The probe's low parasitic load of 1.5 pF minimizes signal integrity degradation on DDR3 bus lines. Its ability to measure signals as low as 250 mV p-p provides margin for reliable capture of reduced-swing memory signaling. The ZIF connector design enables quick probe

connection and disconnection without applied force, reducing risk of probe or target damage during debug sessions.

Typical Applications The E5845A addresses memory validation and troubleshooting workflows for DDR3 systems. Engineers use it to capture protocol-level behavior on memory buses, verify timing relationships between address, control, and data signals, and isolate signal integrity issues in high-speed memory interfaces operating at 1333 Mb/s data rates.

Compatibility & Integration The E5845A connects directly to the W3631A DDR3 DRAM BGA probe and integrates with Keysight 16900 Series Logic Analyzers and the U4154A Logic Analyzer Module via 90-pin cable connectors. Though discontinued, the product remains currently supported by Keysight.

E5845A Characteristics / Specifications

PARAMETER	VALUE
Model	E5845A
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight E5845A
Sku	E5845A
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	E5845A
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	E5845A
Brand	Agilent / Keysight
Catalog Title	Agilent/Keysight E5845A
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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	E5845A
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.