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**Data Sheet**

August 15, 2026

AGILENT / KEYSIGHT

## Agilent/Keysight E5847A

Agilent/Keysight E5847A 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  
E5847A**

CALIBRATION

**Available on  
request**

CONDITION

**Used**

STATUS

**In stock**

RFQ / SKU

**E5847A**

LISTING

<https://aumictechlabs.com/products/e5847a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

### This unit

The Keysight E5847A is a single-ended ZIF probe that connects to the W3633A DDR3 DRAM BGA probe for direct access to data traffic on industry-standard DDR3 DIMMs. It integrates with Keysight 16000 Series and U4154A logic analyzers via 90-pin cable connectors, enabling comprehensive signal capture and analysis at the memory interface. Technical Specifications 46 total channels: 44 single-ended data channels and 2 differential clock channels Maximum data rate: 1333 Mb/s Equivalent load capacitance: 1.5 pF Minimum measurable signal amplitude: 250 mV p-p Key Features Low-profile load capacitance minimizes signal distortion and maintains signal integrity on target DDR3 modules Direct connection to W3633A BGA interposer eliminates intermediate cabling complexity Single-ended and differential channel architecture supports both data and clock signal observation 90-pin connector interface ensures reliable mechanical and

electrical mating with compatible logic analyzers

**Typical Applications**

- DDR3 DRAM bus characterization and validation
- Memory subsystem debugging during hardware development
- Signal integrity measurement on high-density BGA packages
- Post-silicon validation and failure analysis

**Compatibility & Integration**

Works exclusively with the W3633A DDR3 DRAM BGA probe. Compatible logic analyzers include Keysight 16000 Series modules and the U4154A AXIe-based logic analyzer module. All connections use industry-standard 90-pin cable connectors for plug-and-play integration into existing test benches.

## E5847A Characteristics / Specifications

| PARAMETER            | VALUE                                                                  |
|----------------------|------------------------------------------------------------------------|
| Model                | E5847A                                                                 |
| Brand                | Agilent / Keysight                                                     |
| Catalog Title        | Agilent/Keysight E5847A                                                |
| Sku                  | E5847A                                                                 |
| 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   | E5847A                                                                 |
| 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                | E5847A                                                                 |
| Brand                | Agilent / Keysight                                                     |
| Catalog Title        | Agilent/Keysight E5847A                                                |
| Sku                  | E5847A                                                                 |
| 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   | E5847A                                                                 |
| 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](mailto: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.