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Data Sheet
August 13, 2026

KEYSIGHT / AGILENT / HP

Keysight / Agilent / HP N5315A-A16 Slot Interposer Probe

The Keysight N5315A-A16 slot interposer probe provides access to mid-bus signals for logic analysis. It enables signal capture and analysis in tight spaces, ensuring accurate measurements and efficient debugging.

MODEL **Keysight / Agilent / HP N5315A-A16**	CALIBRATION **Available on request**
CONDITION **Used**	STATUS **In stock**
RFQ / SKU **N5315A-A16**	LISTING **https://aumictechlabs.com/products/n5315a-a16-2/**

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This unit

The Keysight N5315A-A16 is an analog repeating slot interposer probe that enables mid-bus signal access to PCIe interfaces in space-constrained environments. This probe connects directly to PCIe slots without signal distortion, allowing logic analyzers to capture and analyze live bus traffic during system operation. The design maintains electrical idle propagation integrity and supports all standard PCIe link widths - x1, x4, x8, and x16 - making it compatible across diverse PCIe endpoint configurations. The interposer incorporates dual mechanical stabilization features: one for the endpoint device and one for the backplane connection. These stabilizers ensure a firm, reliable fit within the PCIe slot, preventing signal reflections caused by loose contacts. The probe integrates directly with the Keysight N5306A PCIe Analyzer Module for protocol-level analysis and deep packet inspection. Technical Specifications Product Type: Slot interposer probe Signal

Access: Mid-bus (live) signals Architecture: Analog repeating design Interface: PCIe edge connector Supported Link Widths: x1, x4, x8, x16 Protocol Standards: PCIe 1.0, PCIe 2.0 Signal Integrity: Non-distorting signal path Electrical Idle Handling: Correct propagation through interposer Key Features Supports all PCIe link widths in single probe design Mechanical stabilization for both endpoint and backplane mounting Maintains signal fidelity across analog repeating architecture Provides non-invasive mid-bus probing without slot occupation by external cables Typical Applications PCIe endpoint device validation and debug Link training and initialization characterization Real-time traffic analysis on live PCIe buses Signal integrity verification in constrained board layouts Compatibility & Integration Host Analyzer: Keysight N5306A PCIe Analyzer Module PCIe Revisions: 1.0 and 2.0 Link Configurations: x1, x4, x8, x16 widths Status: Obsolete

Features & description

From manufacturer datasheet

Applications

- Slot interposer tap ofatarget bus

N5315AA16 Characteristics / Specifications

PARAMETER	VALUE
Model	N5315A-A16
Manufacturer	Keysight / Agilent
Instrument Type	Slot Interposer Probe
Alias	N5315A-A16; N5315A Option A16
Base Model	N5315A
Function	slot interposer bus tap
Not Flying Leads	not E5383A
Not Mictor	not E5339A
Form	slot interposer assembly
Host Analyzer	Keysight protocol/logic analyzer supporting N5315A
Installation	installs in the target slot between card and connector
Status	Keysight probe accessory
Electrical Role	passive/active tap per N5315A family
Mechanical Role	interposer in slot
Documentation	N5315A probe/option guide
ESD	ESD-sensitive interposer
Compatibility	match A16 to the intended slot standard
Cable	analyzer interconnect included/required per kit
Use	in-slot capture
NotANIC	probe notanetwork card
Power	from slot/analyzer per family
Calibration	probe accessory
Related Retention	slot retention hardware per kit Notes Slot interposer identity from Keysight N5315A Option A16 catalog. Exact bus standard (PCIe generation/lanes) is option/faceplate specific: confirm A16 against the N5315A configuration guide.

N5315AA16 Specifications

PARAMETER	VALUE
Keysight N5315A Option A16 Slot Interposer Probe	Overview
Key Features	- N5315A with Option A16
Technical Specifications	Model: N5315A-A16

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.

Specifications

Specifications

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Model	N5315A-A16
Manufacturer	Keysight / Agilent
Instrument Type	Slot Interposer Probe

Alias: N5315A-A16; N5315A Option A16

Base Model: N5315A

Option: A16

Specifications

PARAMETER	VALUE
Function	slot interposer bus tap
Not Flying Leads	not E5383A
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Specifications

PARAMETER	VALUE
Form	slot interposer assembly
Host Analyzer	Keysight protocol/logic analyzer supporting N5315A
Installation	installs in the target slot between card and connector

Specifications

PARAMETER	VALUE
Status	Keysight probe accessory
Electrical Role	passive/active tap per N5315A family
Mechanical Role	interposer in slot

Specifications

PARAMETER	VALUE
Documentation	N5315A probe/option guide

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Notes

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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

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