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Data Sheet

August 12, 2026

TELEDYNE LECROY

LeCroy PE080UIA-X Protocol Analyzer G2x4 Multi-lead Probe Pod

The Teledyne LeCroy PE080UIA-X is a G2×4 multi-lead probe pod designed for use with Teledyne LeCroy protocol analyzers. It facilitates the capture and analysis of high-speed serial data, enabling efficient debugging and validation of electronic designs. This probe pod offers superior signal fidelity and versatile connectivity options for comprehensive protocol analysis.



MODEL

**Teledyne LeCroy
PE080UIA-X**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

PE080UIA-X

LISTING

<https://aumictechlabs.com/products/pe080uia-x-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The LeCroy PE080UIA-X is a G2×4 multi-lead probe pod designed for direct PCB signal access during high-speed serial protocol analysis. It captures PCI Express traffic with minimal signal perturbation using high-impedance probes, debug and verify PCIe 3.0 link behavior across multiple lane configurations and data rates. Technical Specifications Protocol & Data Rates PCI Express 3.0 support: 2.5 GT/s, 5.0 GT/s, 8.0 GT/s Backward compatible with PCIe 2.0 and 1.0a data rates SRIS (Separate Reference Independent Supply) clocking supported Probing Capability Each pod supports up to four lanes (eight differential pairs) Lane widths: x1 to x16 configurations x8 lane width requires two pods; x16 requires four pods High-impedance probe design minimizes loading effects Physical & Electrical Extender coax cable length: 294 mm (11.6") Flex-tip

connector length: 71 mm (2.8") Two 294 mm extender coax cables per lane connection Direct connection to PCB signal traces via flex-tip connectors

Key Features Multi-lane probing with configurable pod combinations for x8 and x16 analysis SRIS clocking support for reduced cabling complexity High-impedance measurement minimizes signal integrity degradation Compatible flex-tip connectors attach directly to transmit and receive pairs on PCB

Typical Applications PCIe 3.0 link training and data transfer verification Multi-lane protocol debugging across x1, x4, x8, and x16 configurations Signal integrity assessment at protocol layer Real-time capture and analysis of PCIe bus traffic during hardware development

Compatibility & Integration Supported Analyzers Teledyne LeCroy Summit T3-8 Protocol Analyzer Teledyne LeCroy Summit T3-16 Protocol Analyzer (required for x16 analysis with four pods) Pods connect via multi-lead interface to Summit protocol analyzers. Individual lane connections use extender coax cables with flex-tip connectors for secure attachment to PCB traces.

Features & description

From manufacturer datasheet

Features

- Family: Gen2 Summit multi-lead probe ecosystem
- Listing role: G2×4 multi-lead probe pod
- Data rates (Gen2 multi-lead class): 2.5 GT/s and 5.0 GT/s
- Connection: pod to analyzer via iPass cables (Y-cable for narrower widths; straight cables for wider configs per OEM kit)
- Tips: Flex tips soldered to exposed PCB traces; high-impedance connection to preserve SI
- Reach: tips usable within ~40 cm (16") of the pod (family literature)
- Pod capacity: multi-lead pods support multiple flex tips / coax pairs per OEM kit tables
- Host: Summit family protocol analyzers

PE080UIAX Characteristics / Specifications

PARAMETER	VALUE
Model	PE080UIA-X
Manufacturer	Teledyne LeCroy
Instrument Type	PCI Express Multi-lead Probe Pod
Alias	PE080UIA-X; PE080UIA; LeCroy PE080UIA-X Performance
Gen2 rates	2.5 / 5.0 GT/s
Width class	x4 pod listing Notes Specs from Teledyne LeCroy Interposers and Probes literature and product listing. Exact tip count, cable SKUs, and Gen revision markings should be confirmed on the physical pod and matching analyzer license.
Family	Gen2 Summit multi-lead probe ecosystem
Listing role	G2×4 multi-lead probe pod
Data rates (Gen2 multi-lead class)	2.5 GT/s and 5.0 GT/s
Connection	pod to analyzer via iPass cables (Y-cable for narrower widths; straight cables for wider configs per OEM kit)
Tips	Flex tips soldered to exposed PCB traces; high-impedance connection to preserve SI
Reach	tips usable within ~40 cm (16") of the pod (family literature)
Pod capacity	multi-lead pods support multiple flex tips / coax pairs per OEM kit tables
Host	Summit family protocol analyzers

PE080UIAX Specifications

PARAMETER	VALUE
Applications	Embedded PCIe Gen2 debug on PCB traces; x1-x4 (and multi-pod wider) multi-lead capture into Summit analyzers.
Key Features	- Family: Gen2 Summit multi-lead probe ecosystem
Technical Specifications	Model: PE080UIA-X
Performance	Gen2 rates: 2.5 / 5.0 GT/s

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

PARAMETER	VALUE
Model	PE080UIA-X
Manufacturer	Teledyne LeCroy
Instrument Type	PCI Express Multi-lead Probe Pod
Alias	PE080UIA-X; PE080UIA; LeCroy PE080UIA-X

Performance

Gen2 rates: 2.5 / 5.0 GT/s

Width class: x4 pod listing

Notes

Specs from Teledyne LeCroy Interposers and Probes literature and product listing. Exact tip count, cable SKUs, and Gen revision markings should be confirmed on the physical pod and matching analyzer license.

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.