

Tektronix Logic Analyzer Probes

► P6708 • P6716



► Features & Benefits

2.5 Gb/s and 5 Gb/s Acquisition
Supports PCI Express 1.0 and
PCI Express 2.0

Connectorless Probing System
Eliminates Need For On-board
Connectors and Provides Robust
Signal Connection

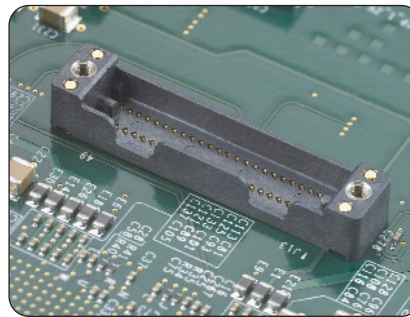
► Applications

PCI Express Validation for:

- Silicon Validation
- Computer System Validation
- Embedded System Debug
and Validation

Breakthrough Probing Solutions for Serial Data Analysis

The P67xx Series probes provide validation engineers with two mid-bus probing options. The P67xx mid-bus probes are the best choice for minimal system impact. The P67xx use a new “connectorless” retention mechanism that is designed to maximize mechanical reliability. Conserving circuit board space is critical, the P6708 8-channel half-width probe is an ideal choice for designs that use x1 and x4 links. The P6716 16-channel full-width probe is also available.



► 16-Channel Retention Mechanism.

► Characteristics

	P67XX Series	
	P6708	P6716
Probe Type	PCI Express Mid-bus Differential Data	PCI Express Mid-bus Differential Data
Number of Channels	8	16
Recommended Use	Recommended where signal integrity is critical	Recommended where signal integrity is critical
Attachment to Target System	Compression cSpring	Compression cSpring
Probe Loading AC/DC	See P67xx Probe Manual	
Min Data Eye Requirements	See P67xx Probe Manual	
Cable Length	1.8 m (6 ft.)	

► Mid-bus Probe Configuration

	Bi-directional Link Width			
	x1	x4	x8	x16
P6708	1*1	1*1	-	-
P6716	-	-	1*2	2

*1 May substitute (1) P6716.

*2 May substitute (2) P6708.

Tektronix Logic Analyzer Probes

► P6708 • P6716

► Order info

Models	Description
P6708	8-channel PCI Express Mid-bus Probe and Accessories. Includes: Statement of Compliance, (2) 8-channel retention mechanisms, Velcro Cable Managers, Probe instruction manual.
P6716	16-channel PCI Express Mid-bus Probe and Accessories. Includes: Statement of Compliance, (2) 16-channel retention mechanisms, Velcro Cable Managers, Probe instruction manual.

► Language Options

Opt. L0	English Manuals
Opt. L99	No Manuals

► Service Options

Opt. C3	Calibration Service 3 Years
Opt. C5	Calibration Service 5 Years
Opt. R3	Repair Service 3 Years (includes Warranty)
Opt. R5	Repair Service 5 Years (includes Warranty)
Opt. CA1	Provides a single calibration event or coverage for the designated calibration interval, whichever comes first.
Opt. R1PW	Repair Service Coverage 1 Year Post Warranty
Opt. R2PW	Repair Service Coverage 2 Years Post Warranty
Opt. R3DW	Repair Service Coverage 3 Years (includes Product Warranty Period). 3 year period starts at time of instrument purchase
Opt. R5DW	Repair Service Coverage 5 Years (includes Product Warranty Period). 5 year period starts at time of instrument purchase

► Accessories

P67xx Accessories

Description	P6708		P6716	
	Qty Per Probe	Part Number	Qty Per Probe	Part Number
Retention Mechanisms	2	020-2785-00	2	020-2784-00
Sheet of Probe Labels	1	335-1729-00	1	335-1728-00
Probe Adjustment Tool	1	003-1890-00	1	003-1890-00
Velcro Cable Manager (Bag of 2)	1	346-0300-00	1	346-0300-00

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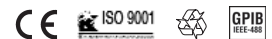
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For other areas contact Tektronix, Inc. at: 1 (503) 627-7111

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Our most up-to-date product information is available at:
www.tektronix.com

Product(s) are manufactured
in ISO registered facilities.



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