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Test & Measurement

- sales
- rentals
- calibration
- repair
- disposal

Complimentary Reference Material

This PDF has been made available as a complimentary service for you to assist in evaluating this model for your testing requirements.

TMG offers a wide range of test equipment solutions, from renting short to long term, buying refurbished and purchasing new. Financing options, such as Financial Rental, and Leasing are also available on application.

TMG will assist if you are unsure whether this model will suit your requirements.

Call TMG if you need to organise repair and/or calibrate your unit.

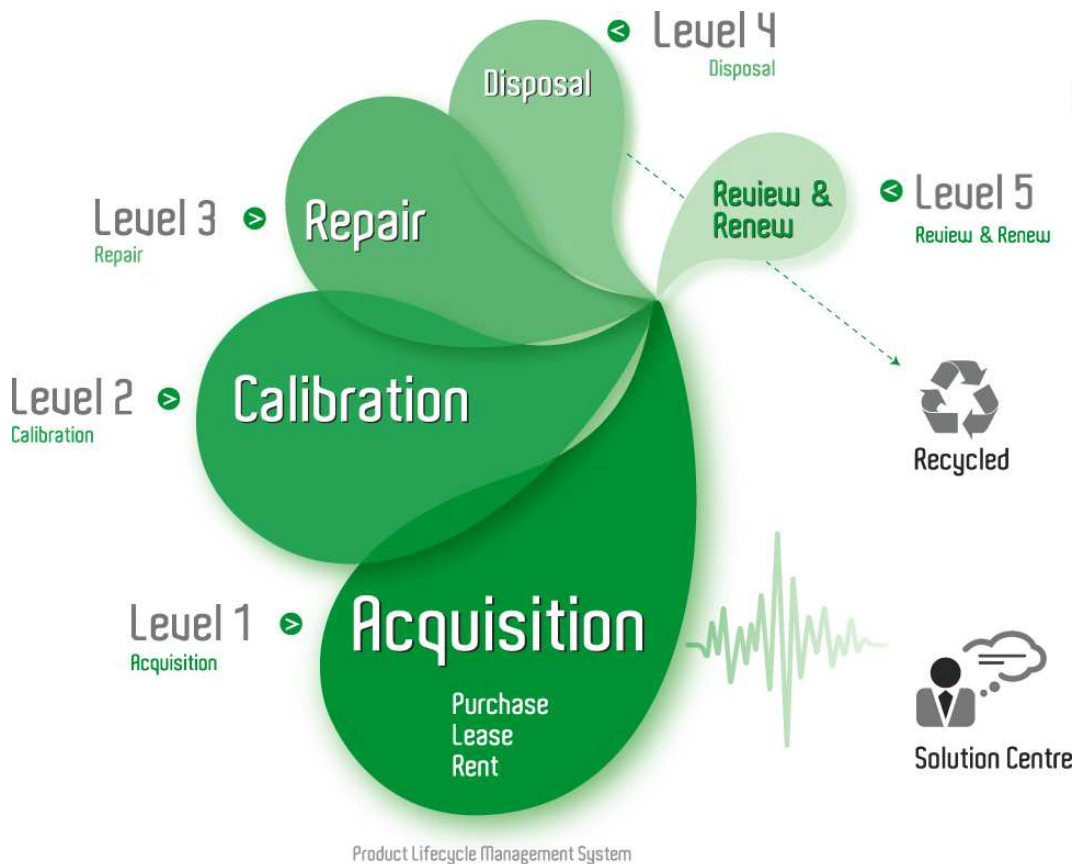
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Product Lifecycle Management System

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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

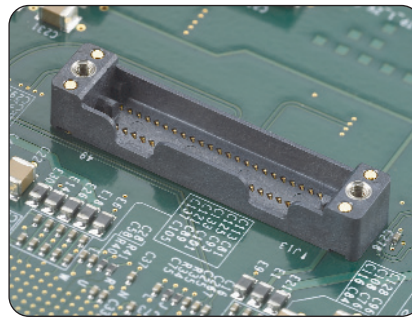
► Applications

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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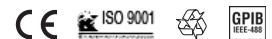
USA 1 (800) 426-2200

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

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www.tektronix.com

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