



Product Brief
APC3-MID-01
PCIe gen3 Mid-bus Probe

Mid-bus probing for gen3 PCIe lanes

The APC3-MID-01 provides a low-profile probing solution for PCIe Gen 3 applications using Keysight's U4301B PCI Express Protocol Analyzer. The APC3-MID-01 is ideal for applications with limited vertical height requirements. A single APC3-MID-01 supports a x8 bi-directional (upstream and downstream) or a x16 unit-directional PCIe bus. Support for x16 bi-directional PCIe bus can be achieved using two APC3-MID-01 probes.

PRODUCT FEATURES

- Supports Gen 1, Gen 2, and Gen 3 PCI Express probing.
- x1 to x16 unidirectional
- x1 to x8 bidirectional
- 27" full cable length.
- 12.5" length on low-profile portion
- 0.68" Mated height
- 1 year limited warranty



Design Support

The APC3-MID-01 probe utilizes a Samtec standard part, ERM8, for connecting to the target system. Additionally, the target system shall include termination resistors and must follow the pinout for the APC3-MID-01. Target design support is included with the APC3-MID-01.

APC3-MID-01 Ordering Information

APC3-MID-01	PCIe mid-bus probe
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Technical Specifications

Host Bus Type	Up to PCIe gen3	
PCI Bus	Supports x1 to x8 bidirectional lanes (upstream and downstream) Supports x1 to x16 unidirectional lanes	
PCI Bandwidths	2.5 GT/s (Gen 1) 5.0 GT/s (Gen 2) 8.0 GT/s (Gen 3)	
Connectors APC3-MID-01	APC3-MID-01	PCIe Target System
	ERM8-025-05.0-S-DV-L	ERF8-025-05.0-x-DV-L
Environments	Operating [†]	Storage
Temperature	0° to 40° C	-40° to +85° C
Relative Humidity	5 to 90% non-condensing	5 to 90% non-condensing

[†] Astek makes no claims about operation of the target system at these temperatures.

WARRANTY

Astek products are assembled and tested in world-class facilities to assure superior product reliability and performance. Astek's expander board products carry a one-year limited warranty.

About Astek Corporation

Astek manufactures storage products for embedded markets including medical, telecommunications and military applications. In addition to Host Bus Adapters, Astek also supplies Serial Attached SCSI solutions including edge and fan-out expanders.

For more information please visit the Astek web site at:
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