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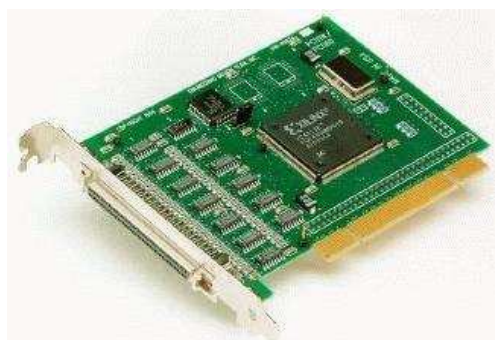
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PCI 16D

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High Speed, 16 bit I/O Interface for PCI Local Bus Computers

Features

- Single [PCI Bus Slot](#)
- Continuous Input or Output
- Rates to 10 megabytes per second
- Supports buffered block modes with internal FIFO
- Programmable Control Signal Configurations
- 4 gigabyte DVMA Addressing
- [Device drivers](#) for Sun Solaris™ (Sparc and Intel Platforms), Linux, and Windows

Description

The PCI 16D provides a high speed, 16 bit, continuous data I/O interface for PCI Bus computers. This interface is used for computer to device connection where speed and continuous processing are essential. The PCI 16D will support 10 megabyte per second transfers.

Applications

The PCI 16D may be used to enable the transfer of data to or from the host computer. Typical applications include A-D and D-A converters, telemetry systems, and video systems.

Software

Device drivers for Sun Solaris™, Linux, and Windows are included with the board, as well as several utility and example programs and a C language interface library. The driver provides access to the PCI 16D through standard system I/O calls.

Options

- Precision impedance [cables](#) in 7, 25, and 50 foot lengths
- Cable adapters
- Loopback diagnostic connector kit

Specifications

PCI Bus Compliance

PCI 2.1s
33Mhz
32 bits

Host Interface

- 10 Megabytes/sec continuous transfers to or from host memory
128 byte FIFO
- Programmable clock edge polarity
- Positive Data Polarity
- AMP 787190-8 high-density (80 pin) connector (mates with AMP 749621-8, backshell 749196-2)*
- In DMA input mode, the 16 data outputs may be used for device control. In DMA output mode, the 16 data inputs may be used for device status.

*Manufactured by AMP Int. 1-800-522-6752

Environmental

Temperature:

Operating: 10° to 40° C
Nonoperating: -20° to 60° C

Humidity:

Operating: 20% to 80% noncondensing @ 40° C
Nonoperating: 95% noncondensing @40° C

Physical

Single standard PCI Bus slot
Dimensions: 3.3" x 5.780n x 0.5"
Weight: 6oz

Power

2A @ 5 volts

Software

[Device drivers](#) for Sun Solaris™, Linux, and MS Windows
Standard read/write system call support
Asynchronous I/O support for continuous transfers

Ordering

To order, [contact our sales department or your distributor](#). Be sure to specify which cable will be needed (if any).

All Trademarks referenced are the service mark, trademark, or registered trademark of the respective manufacture

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