Controller card supports IEEE-488/GPIB in PXI systems

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Irvine, Calif.—Here's news of a PXI-bus (PCI EXtensions for Instrumentation) IEEE-488/GPIB (General Purpose Interface Bus) controller card that can act as a drop-in component for existing test-and-measurement applications.

The PXI-3488 card from ADLINK Technology, Inc. provides an interface between GPIB instruments and PXI-equipped systems compliant with IEEE-488.1 and IEEE-488.2 standards. The PXI-3488 comes on the heels of ADLINK’s PCI-3488 board, reviewed last year here at eeProductCenter.

The PXI-3488 is suitable for most PXI platforms, where it provides the connectivity between PXI and GPIB instruments. The board can be used in 32-bit 3.3-V or 5-V PXI systems. It is based on PLX Technology's PCI9030 I/O accelerator chip. It’s a 32-bit 33-MHz PCI v.2.2-compliant device capable of burst transfers up to 132-Mbytes/s.

Fast Silicon

In addition, the PXI-3488's 1-kbyte on-board FIFO for Read/Write operations, and a high-speed bus that's accelerated by an on-board CPLD (complex programmable logic device), give it a 1.5-Mbyte/s (maximum) data transfer rate. That can help satisfy high-volume data transfers.

ADLINK Technology says its PXI-3488 has also been hardware and software verified with a wide range of products and applications. What's more, it supports application development environments such as VisualBASIC, VC++, Delphi, LabVIEW, and TestExec.
Windows-Compatible

The PXI-3488 also operates on Windows 98, Windows NT, Windows 2000, and Windows XP platforms. Its driver library is compatible with industry-standard VISA (Virtual Instrument Software Architecture) and instrumentation protocols. The board is also shipped with an interactive utility for testing and running diagnostics.

Price And Availability

The PXI-3488 is priced at $345 and is available from stock. You can enjoy volume discounts, too.

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