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Find the *National Instruments GPIB-VXI/C* at our website: ***Click HERE***

VMEbus Interface Kits for PCI

VME-PCI80xx

- Bidirectional transfers between the VMEbus and computer memory
- High-performance DMA transfers
- Maximum throughput across MXIbus
  - 33 Mbytes/s burst
  - 23 Mbytes/s sustained
- Optional dual-ported DRAM expansion
  - 64 MB maximum on VME-MXI-2
  - 16 MB maximum on PCI-MXI-2
- Expandable to several VME or VXI mainframes using MXIbus

Driver Software

- NI-VXI/NI-VISA
  - Windows 2000/NT/Me/98
  - Mac OS
  - HP-UX
  - Solaris 2
  - Linux
- NI-VXI
  - Windows 3.1/DOS

Application Software

- LabVIEW
- Measurement Studio



INFO CODES

For more information or to order products online, visit *ni.com/info* and enter:

vmepci8000

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Overview

The National Instruments VME-PCI80xx kits links any PCI-based computer directly to the VMEbus (or B-size VXI) using the high-speed MXI-2 interface. The VME-PCI80xx makes your computer perform as if it were plugged directly into the backplane, giving your external computer the capability of an embedded computer.

GPIB Interface to VXIbus

GPIB-VXI/C

- VXI*plug&play* compliant
- GPIB-controlled VXI Slot 0 Resource Manager
- Translates GPIB protocols to/from VXI protocols
- Controls message-based VXI instruments with IEEE 488 controllers and software
- Extensive built-in local command set accessible from GPIB or RS-232 port
- Controls register-based and VME devices
- Performs high-speed shared memory block transfers between GPIB and dual-ported memory on an instrument

Application Software

- LabVIEW
- Measurement Studio



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gpibvxic

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Overview

The National Instruments GPIB-VXI/C is a Slot 0 Resource Manager module for the VXIbus. The GPIB-VXI/C links the industry-standard IEEE 488 bus and the VXIbus by transparently converting GPIB signals and protocols to VXIbus signals and protocols. With the GPIB-VXI/C, a GPIB-equipped computer can control message-based VXI instruments in the same way it controls GPIB instruments.

All functionality for controlling VXI instruments from the GPIB is embedded in firmware on the GPIB-VXI/C. The GPIB-VXI/C is installed in the VXI mainframe, along with your VXI instruments. The GPIB cable is connected between your GPIB controller and the front panel of the GPIB-VXI/C. On power-up, the GPIB-VXI/C automatically performs the VXI Resource Manager operations to initialize the VXI mainframe.

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