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Find the *National Instruments MC-GPIB* at our website: ***Click HERE***

GPIB Interfaces for IBM Computers and Workstations

MC-GPIB, GPIB-RS/6000

NAT4882 ASIC
- *Completely IEEE 488.2 compatible*
- *Compatible with NEC µPD7210 controller chip*
- *Additional features reduce software overhead*

Turbo488 ASIC
- *FIFO buffers for decoupling GPIB transfers from Micro Channel transfers*

16-bit Micro Channel interface with byte-to-word packing and unpacking in hardware

Transfer rate over 1 Mbyte/s

PS/2 POS circuitry for automatic selection of I/O address, interrupt level, and DMA channel (no hardware jumpers or switches)

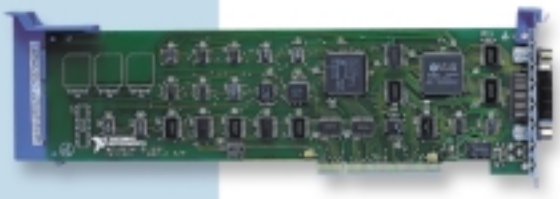
Driver Software

NI-488.2
- *Windows 3.1*
- *DOS*
- *AIX*

Application Software

LabVIEW

LabWindows/CVI, a component of Measurement Studio



Overview

The National Instruments MC-GPIB and GPIB-RS/6000 are high-performance IEEE 488 interfaces for IBM PS/2 and compatible computers and IBM RISC System/6000 workstations that have 16-bit Micro Channel plug-in slots, respectively. The National Instruments NAT4882 and Turbo488 ASICs make the interfaces maximum-performance IEEE 488.2 interfaces. Standard IEEE 488 cables connect the interfaces to up to 14 instruments.

EXPRESS CODES

For information or to buy products online, visit ni.com/catalog and enter:

mcgpib
gpibrs6000

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Ordering Information

MC-GPIB and NI-488.2 *for*

Windows 3.1/DOS 776183-01

GPIB-RS/6000 *.....776386-01*

Includes MC-GPIB and NI-488.2 for AIX

Specifications

IEEE 488 Compatibility

Compatible with IEEE 488.1 and IEEE 488. 2

IEEE 488 bus transfer rate..... over 1 Mbytes/s (actual rates depend on system configuration and instrument capabilities)

Power Requirement (from Micro Channel)

+5 VDC ..... 1.0 A typical, 1.6 A maximum

Physical

Dimensions ..... 8.9 by 29.2 cm (3.5 by 11.5 in.)

I/O connector..... IEEE 488 standard 24-pin

Operating Environment

Component temperature..... 0 to 55 °C

Relative humidity ..... 10 to 90%, noncondensing

Storage Environment

Temperature ..... -20 to 70 °C

Relative humidity ..... 5 to 90%, noncondensing

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