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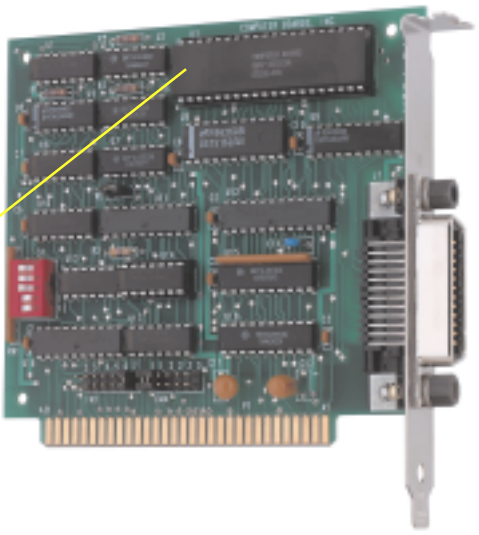
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Find the *Measurement Computing / ComputerBoards CIO-PC2A* at our website: *Click HERE*

ISA-GPIB-PC2A

IEEE-488.2 Interface and Driver Software for PC is National Instruments PCIIA Compatible

Take Note
The board you see here is our original 1991 design, upgraded with the new CB7210.2 chip to full IEEE-488.2 functionality. You can upgrade the boards you own from any vendor just by plugging one in!



Features

100% Compatible with these boards:
- National PCIIA pre 1992 which uses the NEC 7210
- Dropped from NI Catalog, Still Supported Here!
- IO Tech GP488B
- IBM GPIB

IEEE 488.2 Standard interface
Complete Talker/Listener/Controller
Uses the new industry standard CB7210.2
Data transfer rates over 300K bytes/sec
RF shielded IEEE-488 cable connector
6 Interrupt lines
Transparent interrupt enabling/disabling
3 DMA channels using PC's DMA controller
Transparent DMA enabling/disabling
Includes GPIB-Library complete software support

DESCRIPTION

The ISA-GPIB-PC2A IEEE-488 interface converts any ISA bus personal computer into an instrumentation control and data acquisition system. Connect up to 14 instruments using standard IEEE-488 cables such as the C488-2M, 2 meter IEEE-488 interface cable.

The ISA-GPIB-PC2A is designed around the new industry standard CB7210.2 GPIB chip. The architecture of the ISA-GPIB-PC2A board exactly matches that of the National Instruments pre-1992 PCIIA IEEE-488.2 interface for PCs and compatibles which used the uPD7210.

Although National has dropped this product from their catalog (1996 Instrumentation Reference & Catalog), you can still purchase a board and get full product support from ComputerBoards. At ComputerBoards you never have to worry about continued product support. We support every product with the latest technology for as long as you use it, or replace it free with a newer one.

In addition to National Instruments, a number of other well known instrumentation companies have followed the PCIIA architecture. The ISA-GPIB-PC2A is compatible with all of these products as well.

IEEE-488.2 (GPIB) Compatibility

The ISA-GPIB-PC2A adheres to ANSI/IEEE Standard 488-1978. Often referred to as the IEEE-488.2 bus, GPIB bus or HP-IB bus, the GPIB (**G**eneral **P**urpose **I**nterface **B**us) is a standard for instrumentation communication and control for instruments from manufacturers the world over. The GPIB provides handshaking and interface communications over an 8 bit data bus employing 5 control and 3 handshake signals.

Equipped with a ISA-GPIB-PC2A, a personal computer can:
- Control GPIB instruments.
- Gather data from GPIB test equipment.
- Become a data acquisition station in a GPIB system.

SOFTWARE

The best feature of the ISA-GPIB-PC2A is the software! Recompile all of your existing Quick Basic, Turbo Pascal or C programs with the ISA-GPIB-PC2A library. You do not have to change a line of code! The driver is fully self-contained so you do not need a GPIB.COM DOS driver.

Or use your existing programs with ComputerBoards GPIB.COM driver. It is compatible with National's!

SPECIFICATIONS

IEEE-488 Bus Transfer Rates	300K bytes/sec DMA 64K byte block length
Power Requirements	5V @ 0.6A typ., 1.1A max.
Physical Dimensions	4.2" X 5.0" (0.125 Kg)
Connector	Standard IEEE-488 24 pin
Environmental	0 to 50C @ 85% H. operating -55 to 150C 90% H. storage

ORDERING GUIDE

GPIB Interface for PCs	ISA-GPIB-PC2A
2 Meter Cable for GPIB Instruments	C488-2M

Includes the ISA-GPIB-PC2A GPIB interface, the ISA-GPIB-PC2A interface library and GPIB.COM driver and hardware and software manuals.

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