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Technical Sales
United States
(866) 531-6285
info@ni.com

NI GPIB-232CV-A

Product is obsolete. NI recommends the NI GPIB-RS232.

- Built-in DMA controller for high-speed GPIB transfers into buffer memory
- 8 RS232 data transfer rates up to 38.4 kb/s; hardware handshaking and the XON/XOFF protocols prevent data loss
- Switch-selectable interface parameters include IEEE 488 address, transfer rate, parity, stop bits, word length, and termination mode
- NAT4882 ASIC
- Built-in 256 KB RAM data buffer
- Special SRQ-ON-EMPTY feature for maximum GPIB performance



Overview

The NI GPIB-232CV-A is a GPIB-to-RS232 protocol converter that transparently converts data between the two ports without control codes or special commands. It also increases the efficiency of the interface system by isolating a slow device from the faster port using its built-in DMA controller and 256 KB RAM buffer. You can use the GPIB-232CV-A with virtually all PCs. It links either a GPIB controller to an instrument with an RS232 port or a GPIB device to a computer through the computer serial port. For example, the GPIB-232CV-A can interface a GPIB device, such as an IEEE 488 spectrum analyzer, to a computer with an RS232 port; or it can connect an RS232 device, such as a printer or plotter, to a GPIB network. Data transfers in either direction are possible at all times.

Note: Product is obsolete. NI recommends the GPIB-RS232.

Pricing

No part number and pricing information available for NI GPIB-232CV-A.

Services

Extended Warranties

National Instruments designs and manufactures all products to minimize failures, however unexpected failures can still occur. Extended warranties provide a fixed economical price at the time of system purchase, covering any repair costs for up to three years. In addition, they offer the following benefits:

- Significant cost savings compared to individual repair incidents
- Fault location, diagnostics, and repair by NI any time the system product fails
- All parts and labor costs covered as well as any adjustments needed to restore the hardware to manufacturing specifications

For more information about your warranty options:

- Learn More About Warranty Services [<http://www.ni.com/services/warranty.htm>]
- Talk to an Expert About Extended Warranties [[javascript:openCallMeWindowCTA\(document.referrer,%20'US'\)](javascript:openCallMeWindowCTA(document.referrer,%20'US'))]
- View Warranty Repair Policies [http://www.ni.com/services/warranty_repair_policies.htm]

Calibration

NI recognizes the need to maintain properly calibrated devices for high-accuracy measurements. NI provides manual calibration procedures, services to recalibrate your products, and automated calibration software to calibrate many NI measurement products.

- Learn More About Calibration Services [<http://www.ni.com/services/calibration.htm>]

Training

NI training is the fastest, most certain route to productivity with NI tools and successful application development.

- Learn More About NI Training and Certification [<http://www.ni.com/training/>]
- Find a Course Near You and View Schedules [<http://sine.ni.com/tacs/app/fp/p/ap/ov/pg/1/>]

Repair Services

Return your registered product under warranty at no additional labor and parts cost. NI offers fault location, diagnostics, and repair any time the system fails as well as any adjustments needed to restore the hardware to manufacturing specifications.

- Learn More About Repair Services [<http://www.ni.com/services/warranty.htm>]
- Contact NI to obtain a Return Material Authorization (RMA) form and shipping instructions. [http://sine.ni.com/apps/utf8/nicc.call_me]
- View your RMA support request status online. [<http://www.ni.com/support/servicereq/>]
- Register your product [<http://www.ni.com/register/>].

Technical Support

[ni.com/support](http://www.ni.com/support) [<http://www.ni.com/support/>]

Resources

Additional Product Information

- Manuals (5)
- Product Certifications

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