PCI-1670
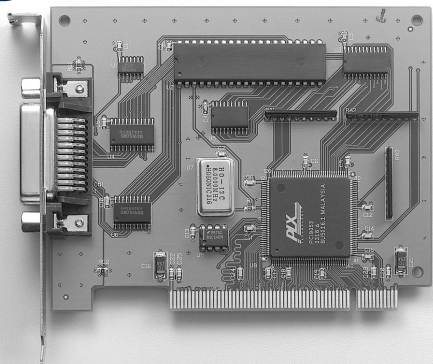
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Features

- Complete IEEE 488.2 compatibility
- Supports Windows 95/98/NT/ME/2000/XP and DOS.
- Full driver, library, and example support, including Visual C++, Borland C++ Builder, Labwindows, Visual Basic, Delphi and Labview driver.
- Provides NI-like driver & function libraries.
- PCI bus specification 2.1 compliant
- I/O address automatically assigned by PCI plug-and-play.
- Provides powerful and easy-to-use configuration utility

Introduction

PCI-1670 is a high-performance PCI-bus card with a GPIB interface. The card is fully compatible with IEEE 488.1 and 488.2 standards with its PCI 2.1 bus specification. With two driver control modes: controller mode and slave mode; PCI-1670 can perform basic the IEEE 488 talker, listener and controller functions required by IEEE 488.2. You can also connect up to 15 GPIB instruments. Therefore, PCI-1670 is especially suitable for instrument measurement and control.

PCI-1670 is available for Windows 95/98/NT/ME/2000/XP and DOS, and it supports complete drivers and libraries. To make driver development easier, PCI-1670 comes with example drivers programmed in: Visual C++®, Borland® C++ Builder®, Labwindows/CVI®, Visual Basic®, Delphi® and LabVIEW®.

Furthermore, PCI-1670 also offers powerful testing features and a configuration utility that allows users to easily access and control instruments.

PCI-1670 offers a comprehensive supplementary controller driver database and provides NI-like commands to help users develop applications. Users can use an interactive GPIB window interface to control devices directly without any need of programming.

Specifications

- **Bus interface** PCI specification 2.1 compliant
- **IRQ and I/O memory automatically assigned by PCI plug-and-play**
- **IEEE 488, IEEE 488.1 and IEEE 488.2 standard compatible**
- **A maximum of 15 GPIB-instruments can be connected.**
- **Connector** IEEE 488 standard 24-pin
- **Speed** GPIB-bus transfer rate up to 1M bytes/sec
- **OS** Windows 95/98/NT/2000/XP, DOS
- **Libraries** Visual C++, Borland C++ Builder, Labwindows, Visual Basic, Delphi , Labview.
- **Dimensions** 131 x 106 mm (5.15" x 4.17")
- **Operating temperature** 0 ~ 55° C
- **Operating Humidity** 10 ~ 90% Relative Humidity, non-condensing.

Ordering Information

- **PCI-1670** GPIB Interface PCI-bus Card, IEEE-488 Cable, 2M
- **PCL-10488-1** IEEE-488 Cable, 1M
- **PCL-10488-2** IEEE-488 Cable, 2M
- **PCL-10488-4** IEEE-488 Cable, 4M