ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

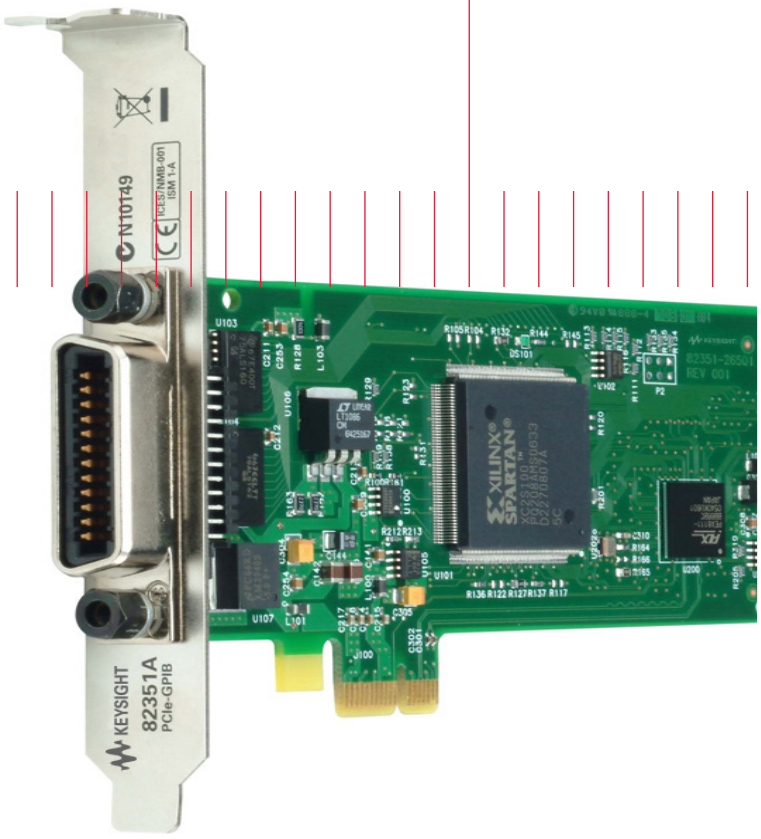
Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *Keysight / Agilent 82351A* at our website: *Click HERE*

Keysight Technologies
82351A PCIe® GPIB Interface Card

Data Sheet



KEYSIGHT TECHNOLOGIES

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Key Features

- **Compact half-height size (68.9 mm)**
- **High transfer rate of 1.4 MB/s**
- **High flexibility via up-plugging (to x4 or x8 PCIe® slots)**
- **3.3 V signal level for lower power consumption**
- **Compatibility with industry standard PCIe® rev 1.0a and IEEE-488**
- **Interface to 14 GPIB instruments (max)**

Recommended use

- **Bandwidth-intensive test applications**
- **Adding GPIB connection for PCIe®-based PCs or workstations**

High transfer rate for demanding test applications

Keysight Technologies 82351A PCIe®-GPIB interface card is designed for integration into next generation PCs or workstations. It offers fast data transmission for various demanding test applications that require data to be transferred to memory fast enough without any lost or overwritten.

PCIe® (PCI Express®) is an evolutionary version of PCI that offers a higher transfer rate across a low number of wires. It is also backward-compatible with PCI software, so you don't need to perform any code re-configuration. PCIe®'s powerful bus architecture allows bi-directional data transmission, and the implementation of a new class of test applications.

82351A Technical Specifications

General requirements	
Minimum system requirements	Windows 2000/XP
Software required	Keysight IO Libraries Suite 14.2 and above, withthe following requirements: • Windows XP Pro or Home edition service pack 1 or later • Windows 2000 Pro service pack 4 or later and Microsoft Internet Explorer 5.01 or greater • 450 MHz Intel Pentium processor and 800x600 display with 256 colors • 128 megabytes RAM and 225 MB total hard disk space • Supported APIs include Keysight or NI VISA, SICL, VISA-COM and NI-488.2
PCI bus slot	3.3 V PCIe® slot, 32 bits
Supported standards	PCIe® rev. 1.0a IEEE 488.1 and IEEE 488.2 compatible

General characteristics	
Power	Backplane +3.3 V PCIe®
Connectors	Standard 24-pin (IEEE-488) +1.5 V PCIe®
Maximum data rate	1.4 MB/s or better
Maximum instrument connection	14 instruments—daisy chain via GPIB
Buffering	Built-in
Configuration	Plug-and-Play
EMC and safety *	IEC 61010-1:2001 / EN61010-1:2001 IEC 61326:2002/EN61326:1997+A1:1998+A2:2001 +A3:2003 Pollution Degree 2 This product is rated for indoor use only
Warranty	1 year

Dimensions	
Width, depth and height	158.0 mm (W) x 120.8 mm (D) x 21.6 mm (H)
Weight	0.082 kg

Environmental specifications	
Operating environment	–5 °C to 60 °C
Operating humidity	Up to 90% at 40 °C non-condensing
Storage environment	–40 °C to 70 °C
Storage humidity	Up to 90% at 65 °C non-condensing

*** Additional detail and information in the Declaration of Conformity**

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

myKeysight

www.keysight.com/find/mykeysight

A personalized view into the information most relevant to you.

www.axiestandard.org

AdvancedTCA® Extensions for Instrumentation and Test (AXIe) is an open standard that extends the AdvancedTCA for general purpose and semiconductor test. Keysight is a founding member of the AXIe consortium.

www.lxistandard.org

LAN eXtensions for Instruments puts the power of Ethernet and the Web inside your test systems. Keysight is a founding member of the LXI consortium.

www.pxisa.org

PCI eXtensions for Instrumentation (PXI) modular instrumentation delivers a rugged, PC-based high-performance measurement and automation system.

Three-Year Warranty

www.keysight.com/find/ThreeYearWarranty

Keysight's commitment to superior product quality and lower total cost of ownership. The only test and measurement company with three-year warranty standard on all instruments, worldwide.

Keysight Assurance Plans

www.keysight.com/find/AssurancePlans

Up to five years of protection and no budgetary surprises to ensure your instruments are operating to specification so you can rely on accurate measurements.

www.keysight.com/quality

Keysight Electronic Measurement Group
DEKRA Certified ISO 9001:2008
Quality Management System

Keysight Channel Partners

www.keysight.com/find/channelpartners

Get the best of both worlds: Keysight's measurement expertise and product breadth, combined with channel partner convenience.

PCIe® PCI Express® are US registered trademarks and/or service marks of PCI-SIG.

For more information on Keysight Technologies' products, applications or services, please contact your local Keysight office. The complete list is available at: www.keysight.com/find/contactus

Americas

Canada	(877) 894 4414
Brazil	55 11 33 51 7010
Mexico	001 800 254 2440
United States	(800) 829 4444

Asia Pacific

Australia	1 800 629 485
China	800 810 0189
Hong Kong	800 938 693
India	1 800 112 929
Japan	0120 (421) 345
Korea	080 769 0800
Malaysia	1 800 888 848
Singapore	1 800 375 8100
Taiwan	0800 047 866
Other AP Countries	(65) 375 8100

Europe & Middle East

Belgium	32 (0) 2 404 93 40
Denmark	45 45 80 12 15
Finland	358 (0) 10 855 2100
France	0825 010 700* *0.125 €/minute
Germany	49 (0) 7031 464 6333
Ireland	1890 924 204
Israel	972-3-9288-504/544
Italy	39 02 92 60 8484
Netherlands	31 (0) 20 547 2111
Spain	34 (91) 631 3300
Sweden	0200-88 22 55
United Kingdom	44 (0) 118 927 6201

For other unlisted countries:
www.keysight.com/find/contactus
(BP-04-29-14)

KEYSIGHT TECHNOLOGIES

This information is subject to change without notice.
© Keysight Technologies, 2011 - 2014
Published in USA, August 1, 2014
5989-7049EN
www.keysight.com

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP