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Data Sheet

August 13, 2026

KEYSIGHT / AGILENT / HP

Keysight / Agilent / HP 82335 HP-IB, GPIB ISA Interface Card

The HP 82335 (82335A / 82335B) is an 8-bit ISA HP-IB (IEEE-488) interface for IBM-compatible PCs. It provides a talker/listener/controller HP-IB port for instrument automation with the HP Command Library (SICL predecessor). ISA 8-bit edge connector; rear IEEE-488 24-pin. Address, interrupt, and DMA selected by jumpers/switches. 82335B is the later Command Library revision of the same ISA card. Succeeded by PCI 82350A/B and PCIe 82351A. Note: USB-GPIB adapter. ISA PC GPIB controller for HP/Agilent instruments Manufacturer: Hewlett Packard / Agilent / Keysight Instrument Type: HP-IB GPIB ISA Interface Card Addressing: jumper or switch selectable GPIB address Documentation: 82335A/B installation and Command Library



MODEL

**Keysight / Agilent /
HP 82335**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

82335

LISTING

[https://aumictechlabs.c
om/products/82335-2/](https://aumictechlabs.com/products/82335-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight 82335 HP-IB/GPIB ISA Interface Card bridges ISA bus computers and IEEE 488-compliant instruments for automated testing, data acquisition, and instrument control. This ISA expansion card provides direct PC-to-instrument connectivity, enabling engineers and system integrators to command and monitor laboratory and industrial equipment from host applications. Technical Specifications Bus Interfaces ISA expansion slot integration HP-IB (GPIB) per IEEE 488.1

and IEEE 488.2 Standard 24-pin IEEE-488 connectors GPIB System Specifications Maximum 15 devices per GPIB bus (including controller) Maximum bus length: 20 meters total transmission path Maximum segment length between devices: 4 meters Recommended average segment length: 2 meters or less Configuration Base address selectable via DIP switches (typical: 300 Hex, 310 Hex, 330 Hex) Power supplied from ISA bus slot Key Features Direct communication between ISA host computers and GPIB instruments Support for automated test sequence development and execution Multi-instrument data acquisition from single controller Remote instrument parameter programming and control Typical Applications Automated test systems requiring PC-based instrument control Laboratory data acquisition from distributed GPIB devices Industrial measurement and monitoring networks Instrument calibration and characterization automation Compatibility & Integration Operating Systems: DOS and Microsoft Windows environments Instrument Support: All IEEE 488.1 and IEEE 488.2 compliant instruments Host Computers: Systems with available ISA expansion slots

82335 Characteristics / Specifications

PARAMETER	VALUE
Model	82335
Manufacturer	Hewlett Packard / Agilent / Keysight
Instrument Type	HP-IB GPIB ISA Interface Card
Series	82335
Alias	82335A; 82335B; HP 82335
Bus	ISA 8 bit
Protocol	IEEE-488 HP-IB
Connector	IEEE-488 24 pin rear
Role	talker, listener, and controller
Software	HP Command Library (82335B)
Addressing	jumper or switch selectable GPIB address
Interrupts	jumper selectable IRQ
DMA	jumper selectable (where supported)
Form	full or half length ISA class card
Related 82335A	earlier 82335
Related 82335B	Command Library revision
Successor PCI	82350A / 82350B
Successor PCIe	82351A
Not USB	not 82357B
Compatibility	ISA PC with 8-bit slot
Status	obsolete ISA GPIB
Documentation	82335A/B installation and Command Library
Use	PC to instrument GPIB
Identification	82335A or 82335B silkscreen
Power	ISA plus 5 V class

PARAMETER	VALUE
OS Class	DOS / Windows 3.x / 95 Command Library era
GPIB Cable	10833A/B/C/D family
Duty	continuous in PC Notes Specs from HP 82335A/B HP-IB ISA identity (8-bit ISA, IEEE-488 controller, Command Library on B). ConfirmAversusBand jumper map. Do not invent transfer-rate numbers.

82335 Specifications

PARAMETER	VALUE
Key Features	ISA 8-bit HP-IB controller
Jumper address / IRQ / DMA	Not PCI 82350
Technical Specifications	Model: 82335

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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Notes

Specs from HP 82335A/B HP-IB ISA identity (8-bit ISA, IEEE-488 controller, Command Library on B). ConfirmAversusBand jumper map. Do not invent transfer-rate numbers.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.