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Data Sheet

August 13, 2026

KEYSIGHT / AGILENT / HP

Keysight / Agilent / HP E2071 / 82341 HPIB Card

The Keysight/Agilent/HP E2071/82341 HPIB Card is a 16-bit ISA/EISA interface adapter that bridges PC-based systems to Hewlett-Packard Interface Bus (HPIB/GPIB/IEEE-488) instruments. This single-slot expansion card enables automated test control, data acquisition, and instrument communication across multiple platforms, supporting up to 14 instruments on a single bus with configurable I/O addressing and interrupt handling via DIP switches or software. I/O Address: Configurable via DIP switches; Plug and Play support on later models. Support for multiple programming languages: C, C++, Visual Basic, BASIC for Windows, and Agilent VEE. Aumictech offers NIST-traceable calibration and repair for the Keysight / Agilent / HP E2071 / 82341. Calibration covers analog input channel accuracy and offset at all gain settings, analog output accuracy, digital I/O logic threshold verification, sample rate

**MODEL****Keysight / Agilent /
HP E2071 / 82341****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****E2071 / 82341****LISTING**<https://aumictechlabs.com/products/e2071-82341-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

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Specifications Interface Protocol: HPIB (IEEE-488.1/488.2, GPIB) Maximum Data Transfer Rate: 1.5 MB/s DMA-Enabled Performance: Up to 900 KB/s Instrument Bus Capacity: Up to 14 instruments per bus Backplane: ISA/EISA 16-bit Slot Requirement: One expansion slot I/O Address: Configurable via DIP switches; Plug and Play support on later models IRQ Line: Configurable via software or DIP switches Bus Address: Typically set to 30 for SICL configurations Built-In I/O Buffering: Yes Automatic Handshaking: Supported Programmable Interrupts: Yes Direct Memory Access (DMA): Supported Key Features Configurable I/O addressing for flexible system integration Support for multiple programming languages: C, C++, Visual Basic, BASIC for Windows, and Agilent VEE Compatible I/O libraries: SICL, VISA, HP Command Library, and HP I/O Libraries Standard HPIB cable connectivity to test instruments Typical Applications Automated test systems in production environments Research and development instrument control Laboratory data acquisition and instrument management Compatibility & Integration Supported operating systems include Windows 3.1, Windows 95/98/NT/2000, Windows NT, HP-UX 10.20, HP-UX 9.x (SICL only), and MS-DOS. Compatible with HP instrument models 82341C, 85123A, 89075C, E2910A, E4840A, E4849A, E8431A, G2030A, and Z5200FB. ChemStation software support available for versions A.07.0x and above on 82350A and specific versions on 82341C/D models.

E207182341 Characteristics / Specifications

PARAMETER	VALUE
Model	E2071 / 82341
Manufacturer	Hewlett Packard / Agilent
Instrument Type	ISA HP-IB Interface Card
Alias	E2071; 82341; HP 82341; HP E2071
Host Bus	ISA
GPIOB	IEEE 488 / HP-IB
Board Number	82341
Order Number	E2071
Maximum Instruments	14 daisy-chained class
Connector GPIOB	24-pin IEEE 488
Related E2071D	82341D later ISA card (this catalog)
Related 82350A	PCI GPIOB
Related 82351A	PCIe GPIOB
Related E2078A	PCI HP-UX GPIOB
Form	ISA add-in card
Slot	8/16-bit ISA
Software	SICL / HP-IB DOS/Windows 3.x/9x era
Power	ISA backplane
Cables	standard GPIOB
ATE Use	controller
Status	HP 82341/E2071 EOL
System Controller	yes
Not PCI	will not fit PCI
Not USB	not 82357B
Jumpers	ISA address/IRQ per 82341 manual

PARAMETER	VALUE
DMA	family DMA options
IEEE 488.	per firmware/driver
Talker Listener	yes
Documentation	82341 user guide Notes ISA HP-IB identity from HP E2071/82341 family. Confirm 82341 vs 82341C vs 82341D silkscreen. IRQ and base address are jumper/switch settings on ISA cards.

E207182341 Specifications

PARAMETER	VALUE
Applications	Legacy ISA PC GPIB control; repairing 82341-based ATE controllers; contrast with PCI 82350 and PCle 82351.
Key Features	- ISA HP-IB 82341 family
Technical Specifications	Model: E2071 / 82341

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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Related 82351A	PCIe GPIB
Related E2078A	PCI HP-UX GPIB
Form	ISA add-in card

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PARAMETER	VALUE
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Specifications

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DMA	family DMA options
IEEE 488.2	per firmware/driver

Talker Listener: yes

Documentation: 82341 user guide

Notes

ISA HP-IB identity from HP E2071/82341 family. Confirm 82341 vs 82341C vs 82341D silkscreen. IRQ and base address are jumper/switch settings on ISA cards.

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.