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Data Sheet

August 13, 2026

KEYSIGHT / AGILENT / HP

Keysight / Agilent / HP E2071D / 82341D HPIB Card

The Keysight E2071D and 82341D are high-performance HPIB (also known as GPIB or IEEE-488) interface cards. These cards allow a computer to control and communicate with instruments and devices that use the GPIB standard. They offer reliable connectivity and fast data transfer rates for demanding test and measurement applications.

**MODEL****Keysight / Agilent /
HP E2071D /
82341D****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****E2071D / 82341D****LISTING**<https://aumictechlabs.com/products/e2071d-82341d-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight/Agilent/HP E2071D/82341D HPIB card is an ISA/EISA slot interface enabling computer control of HP-IB, GPIB, and IEEE-488 instruments. It bridges host computers to laboratory and industrial test equipment, supporting up to 14 instruments per bus with data rates reaching 750 KB/s write and 580 KB/s read performance. Technical Specifications Data Transfer Performance Maximum data rate: 750 KB/s Controller read rate: 580 KB/s Controller write rate: 750 KB/s Transaction start-up time: 0.3 ms Maximum instruments per bus: 14 Host Interface Slot type: ISA/EISA Protocol standards: IEEE 488.1/488.2 Primary bus: HP-IB/GPIB/IEEE-488 Software Support I/O libraries: SICL, VISA Operating systems: HP-UX 10.20, Windows 95, Windows NT, Windows 10 (64-bit), Windows 11 (64-bit) Programming languages: HP VEE, C/C++, BASIC Key Features Built-in buffering for enhanced I/O performance Automatic handshaking protocols

Programmable interrupt capability Intel Plug-and-Play support (82341D) Hardware EOI line detection Typical Applications Automated test environments, instrument control networks, laboratory data acquisition systems, and industrial measurement configurations requiring parallel multi-device communication. Compatibility & Integration The E2071D/82341D interfaces with 82341C, 85123A, 89075C, E2910A, E4840A, E4849A, E8431A, G2030A, and Z5200FB instruments. Agilent 82341 boards may require firmware upload via gpib_config with the "--init-data" option following power-up. The 82341 detects end-of-string through EOI line assertion only; REOS flag usage during reads may reduce maximum transfer rates. DIP switch configuration for I/O address and interrupt assignment may be necessary depending on operating system and system configuration. MS ChemStation G1701BA version B.02.00 (Windows NT 4.0 SP6a) provides the most recent full HP-IB compatibility.

E2071D82341D Characteristics / Specifications

PARAMETER	VALUE
Model	E2071D / 82341D
Manufacturer	Hewlett Packard / Agilent
Instrument Type	ISA HP-IB Interface Card
Alias	E2071D; 82341D; HP 82341D
Host Bus	ISA
GPIO	IEEE 488 / HP-IB
Board Number	82341D
Order Number	E2071D
Maximum Instruments	14 daisy-chained class
Connector GPIO	24-pin IEEE 488
Predecessor	E2071 / 82341
PCI Migration	82350A/B
PCle Migration	82351A/B
Form	ISA add-in card
Slot	8/16-bit ISA
Software	SICL / HP-IB
Power	ISA backplane
Cables	standard GPIO
ATE Use	controller
Status	HP 82341D EOL
System Controller	yes
Talker Listener	yes
Not PCI	ISA only
Not PCle	ISA only
Jumpers	address/IRQ per 82341D manual

PARAMETER	VALUE
DMA	family DMA
IEEE 488.	per driver
Documentation	82341D user guide
Plug	ISA edge connector
GPIB Stack	HP-IB/SICL Notes D-revision ISA HP-IB identity from HP E2071D/82341D. Confirm silkscreen 82341D. Do not mix IRQ maps with earlier 82341 cards without checking theDmanual.

E2071D82341D Specifications

PARAMETER	VALUE
Applications	ISA PC GPIB on D-revision hardware; spare for 82341D-based controllers; not a PCI upgrade.
Key Features	- D-revision 82341 ISA HP-IB
Technical Specifications	Model: E2071D / 82341D

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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PARAMETER	VALUE
Connector GPIB	24-pin IEEE 488
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PCI Migration	82350A/B
Specifications	
PARAMETER	VALUE
PCIe Migration	82351A/B
Form	ISA add-in card
Slot	8/16-bit ISA

Specifications

PARAMETER	VALUE
Software	SICL / HP-IB
Power	ISA backplane
Cables	standard GPIB

Specifications

PARAMETER	VALUE
ATE Use	controller
Status	HP 82341D EOL
System Controller	yes

Specifications

PARAMETER	VALUE
Talker Listener	yes
Not PCI	ISA only
Not PCIE	ISA only

Specifications

PARAMETER	VALUE
Jumpers	address/IRQ per 82341D manual
DMA	family DMA
IEEE 488.2	per driver

Specifications

PARAMETER	VALUE
Documentation	82341D user guide
Plug	ISA edge connector
GPIB Stack	HP-IB/SICL

Notes

D-revision ISA HP-IB identity from HP E2071D/82341D. Confirm silkscreen 82341D. Do not mix IRQ maps with earlier 82341 cards without checking theDmanual.

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.