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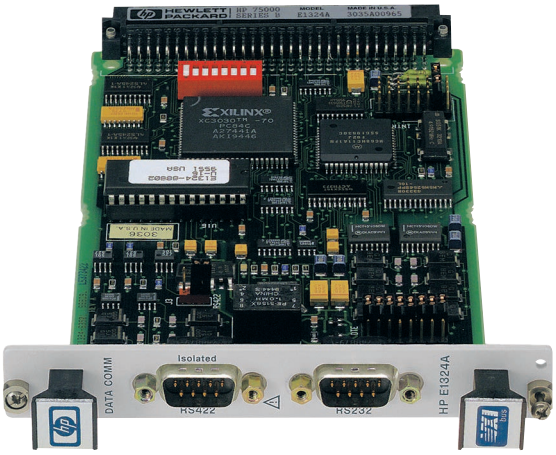
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Find the *Keysight / Agilent E1324A* at our website: *Click HERE*

RS-232C/422 Terminal Interface for VXI Command Modules HP E1324A

Technical Specifications

- **1-Slot, A-size, register based**
- **Single serial channel**
- **Separate connections for RS-232C; isolated RS-422**
- **8-KB input and output buffers**
- **Use with HP B-/C-size command modules**



HP E1324A

Description

The HP E1324A RS-232C/422 terminal interface module is an **A-size, 1-slot, register-based VXI module.** It can be used as an additional VXI module for systems containing an HP command module (HP E1300A/B, E1301A/B, E1306A, and E1406A).

This terminal interface module allows access to command module functions, such as the VXI resource manager, directly from a remote terminal. The RS-422 port can communicate with the command module over longer distances at higher baud rates. When used with optional HP IBASIC (HP E1405B/06A) command modules and internal command module of the HP E1300A/B/01A/B (not supported with the HP E1306A Command Module except as a terminal interface), the HP E1324A can communicate to additional RS-232 peripherals (i.e., printers, modems, etc). The built-in data handshaking and the internal 8 KB data buffers reduce the overhead of managing communications.

Refer to the HP Website for instrument driver availability and downloading instructions, as well as for recent product updates, if applicable.

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Product Specifications

Buffer

Input size:	8 KB
Output size:	8 KB

Serial Port

Baud rate:	300, 600, 1200, 2400, 4800, 9600, 19200
Data length:	7, 8
Parity:	None, Odd, Even, Always 1, and Always 0
Stop bits:	1, 2

Handshaking

Software:	Xon/Xoff
Hardware:	DTR and RTS for input pacing, DSR and CTS for output pacing.

Distance

RS-232:	50 feet
RS-422:	4000 ft @ 19200 baud

Isolation

RS-232:	None
RS-422:	42 V max.

General Specifications

VXI Characteristics

VXI device type:	Register based
Size:	A
Slots:	1
Connectors:	P1
Shared memory:	n/a
VXI busses:	n/a
C-size compatibility:	Yes

Instrument Drivers

See the HP Website (http://www.hp.com/go/inst_drivers) for driver availability and downloading.

Command module firmware:	No
Command module firmware rev:	n/a
I-SCPI Win 3.1:	No
I-SCPI Series 700:	No
C-SCPI LynxOS:	No
C-SCPI Series 700:	No
HP Panel Drivers:	No
VXI*plug&play* Win Framework:	No
VXI*plug&play* Win95/NT Framework:	No
VXI*plug&play* HP-UX Framework:	No

Module Current

	I_{PM}	I_{DM}
+5 V:	0.15	0.02
+12 V:	0.2	0.01
–12 V:	0.02	0
+24 V:	0	0
–24 V:	0	0
–5.2 V:	0	0
–2 V:	0	0

Cooling/Slot

Watts/slot:	3.00
ΔP mm H_2O:	0.00
Air Flow liter/s:	0.00

Ordering Information

Description	Product No.
RS-232C/422 Data Comm	HP E1324A
3 yr. Retn. to HP to 1 yr. OnSite Warr.	HP E1324A W01
5 Yrs. Return Repair Service	HP E1324A W50

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Related Literature

1998 Test System and VXI Products Data Book,
HP Pub. No. 5966-2812E

1999 Test System and VXI Products Catalog,
HP Pub. No. 5968-3698

Warranty

Standard Hewlett-Packard VXIbus hardware products are warranted against defects in materials and workmanship for a period of three years unless otherwise noted. HP software and firmware products that are designated by HP for use with a hardware product, when properly installed on that hardware product, are warranted not to fail to execute their programming instructions due to defects in materials and workmanship.

For a complete and detailed warranty statement please see the HP *Test System and VXI Products Data Book* or visit the HP Website at http://www.hp.com/go/vxi.

Website Directory

HP VXI Product Information
http://www.hp.com/go/vxi

HP VXI Channel Partners
http://www.hp.com/go/vxichanpart

HP VEE Application Website
http://www.hp.com/go/hpvee

Data Acquisition and Control Website
http://www.hp.com/go/data_acq

HP Instrument Driver Downloads
http://www.hp.com/go/inst_drivers

Electronics Manufacturing Test Solutions
http://www.hp.com/go/manufacturing

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For more information about Hewlett-Packard test & measurement products, applications, services, and for a current sales office listing, visit our website, *http://www.hp.com/go/tmdir.* **You can also contact one of the following centers and ask for a test & measurement sales representative.**

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1 800 452 4844

Canada:
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5150 Spectrum Way
Mississauga, Ontario L4W 5G1
(905) 206 4725

Europe:
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P.O. Box 999
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The Netherlands
(31 20) 547 9900

Japan:
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Measurement Assistance Center
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