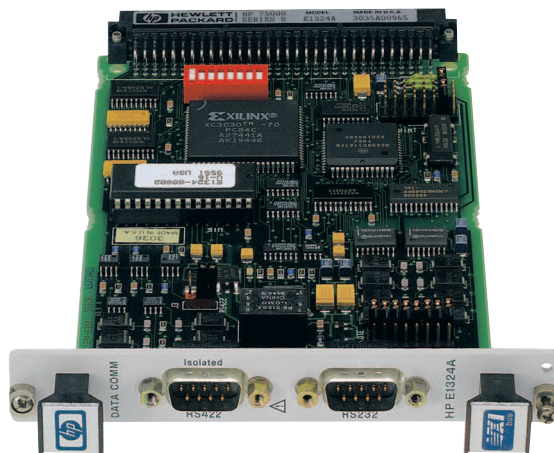

RS-232C/422 Terminal Interface for VXI Command Modules HP E1324A

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.

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:	PI
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
VXIplug&play Win Framework:	No
VXIplug&play Win95/NT Framework:	No
VXIplug&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 ₂ O:	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

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>

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.

United States:

Hewlett-Packard Company
Test and Measurement Call Center
P.O. Box 4026
Englewood, CO 80155-4026
1 800 452 4844

Canada:

Hewlett-Packard Canada Ltd.
5150 Spectrum Way
Mississauga, Ontario L4W 5G1
(905) 206 4725

Europe:

Hewlett-Packard
European Marketing Centre
P.O. Box 999
1180 AZ Amstelveen
The Netherlands
(31 20) 547 9900

Japan:

Hewlett-Packard Japan Ltd.
Measurement Assistance Center
9-1, Takakura-Cho, Hachioji-Shi,
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