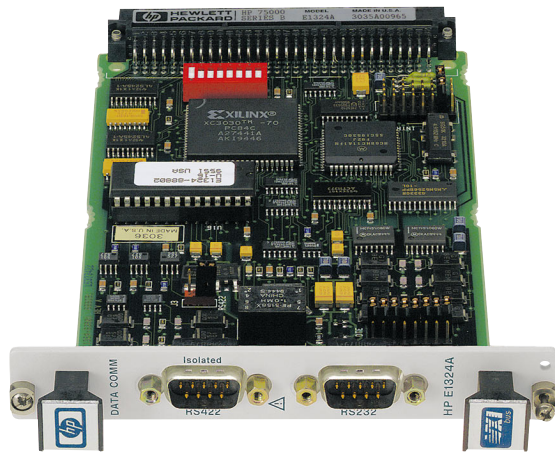

RS-232C/422 Terminal Interface for VXI Command Module HP E1324A

Technical Specifications

- 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
- Use with B-size mainframes



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, E1301A, 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/01A (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 E1324A can also be used as a general purpose RS-232 communications module for register-level programming of the installed modules. The built-in data handshaking and the internal 8-KB data buffers reduce the overhead of managing communications.

Refer to the HP Website directory of addresses (URLs) for instrument driver availability and downloading instructions.

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.

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:	ROM
Command module firmware rev:	A.03
I-SCPI Win 3.1:	No
I-SCPI Series 700:	No
C-SCPI LynxOS:	No
C-SCPI Series 700:	No
HP VEE Drivers:	No
VXIplug&play Win Framework:	Yes
VXIplug&play Win95/NT Framework:	Yes
VXIplug&play HP-UX Framework:	No (not available at time of publication)

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

Data Subject to Change
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