

Agilent E2261A
Quad RS-232 Interface M-Module



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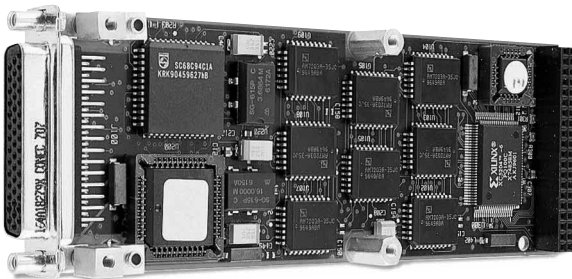
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Agilent E2261A

Quad RS-232 Interface M-Module

Data Sheet

- Single wide, register based
- 75 to 38.4K baud rates
- 4 independently programmable RS-232 channels
- 2 KB input and output buffering per channel
- Breakout cable to four 9-pin D-Sub connectors (male) available



Agilent E2261A

Description

The Agilent E2261A Quad RS-232 Interface M-Module is a **single-wide, register-based M-Module**. Because of its dense double-sided design, it is recommended for use with only the E2251A C-size M-Module carrier. The E2261A has four independently programmable RS-232 terminal interfaces. Using the available breakout cable (option 001), you can route these four interfaces to four different locations. In a loaded E2251A (five E2261A units), you can have 20 serial interfaces! The built-in data handshaking and the internal 2KB data buffers per channel reduce communication overhead.

With software limitations, the E2261A can be used as a general purpose RS-232 communications module for control of other instruments.

With each M-Module having its own address within the E2250A and E2251A M-Module carrier, you have the flexibility to use the M-Modules in many combinations. This flexibility allows you to get the amount of functionality you need in smaller blocks, lowering your overall system costs. Please see the E2250A or E2251A Technical Specifications for M-Module slot requirements.

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



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Product Specifications

Serial Port

Baud rate:	75, 110, 150, 300, 600, 1200, 1800, 2000, 2400, 4800, 9600, 19200, 38400
Data length:	5, 6, 7, 8 bits
Parity:	None, Odd, Even, Always 1, and Always 0
Stop bits:	1, 1.5, 2

Handshaking pace

Software:	Xon/Xoff
Hardware:	DTR/DSR at beginning to pace, RTS/CTS during transfer to pace.

General Characteristics

Distance:	50 feet
Isolation:	None

M-Module Characteristics

Output connector type:	44-pin D-Sub (female)
Standard compliance:	IDENT, A08, D16, INTC
Accessory:	Breakout cable, 44-pin D-Sub (male) to four 9-pin D-Sub (male)

General Specifications

VXI Characteristics

VXI device type:	Register based
Data transfer bus:	n/a
Size:	n/a
Slots:	n/a
Connectors:	n/a
Shared memory:	n/a
VXI busses:	n/a
C-size compatibility:	Yes with E2251A

Instrument Drivers

See the *Agilent Technologies Website* (http://www.agilent.com/find/inst_drivers) for driver availability and downloading.

Command module firmware:	Downloadable
Command module firmware rev:	A.08
I-SCPI Win 3.1:	No
I-SCPI Series 700:	No
C-SCPI LynxOS:	No
C-SCPI Series 700:	No
Panel Drivers:	No
VXIplug&play Win Framework:	No
VXIplug&play Win 95/NT Framework:	Yes
VXIplug&play HP-UX Framework:	No

Module Current

	I_{PM} (A)	I_{DM} (A)
+5 V:	0.1 A	0.01 A
+12 V:	0.01 A	0.005 A
-12 V:	0.01 A	0.005 A
+24 V:	0	0
-24 V:	0	0
-5.2 V:	0	0
-2 V:	0	0

Ordering Information

Description	Product No.
Quad RS-232 Interface M-Module	E2261A
Breakout RS-232 Cable	E2261A 001

Related Literature

2000 Test System and VXI Catalog CD-ROM,
Agilent Pub. No. 5980-0308E (detailed specifications for VXI products)

2000 Test System and VXI Catalog,
Agilent Pub. No. 5980-0307E (overview of VXI products)

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

Online

Internet access for Agilent product information, services and support
www.agilent.com/find/tmdir

VXI product information
www.agilent.com/find/vxi

Defense Electronics Applications
www.agilent.com/find/defense_ATE

Agilent Technologies VXI Channel Partners
www.agilent.com/find/vxichanpart

Agilent Technologies' HP VEE Application Website
www.agilent.com/find/vee

Agilent Technologies Data Acquisition and Control Website
www.agilent.com/find/data_acq

Agilent Technologies Instrument Driver Downloads
www.agilent.com/find/inst_drivers

Agilent Technologies Electronics Manufacturing Test Solutions
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