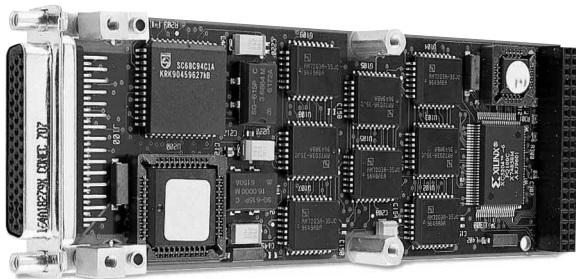## Agilent E2261A
Quad RS-232 Interface M-Module
Data Sheet

- 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
VXI*plug&play* Win Framework:	No
VXI*plug&play* Win 95/NT Framework:	Yes
VXI*plug&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
  www.agilent.com/go/manufacturing

Get assistance with all your test and measurement needs at
www.agilent.com/find/assist
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Phone or Fax

United States:
(tel) 1 800 829 4444

Canada:
(tel) 1 877 894 4414
(fax) (905) 282 6495

China:
(tel) 800 810 0189
(fax) 800 820 2816

Europe:
(tel) (31 20) 547 2323
(fax) (31 20) 547 2390

Japan:
(tel) (81) 426 56 7832
(fax) (81) 426 56 7840

Korea:
(tel) (82 2) 2004 5004
(fax) (82 2) 2004 5115

Latin America:
(tel) (305) 269 7500
(fax) (305) 269 7599

Taiwan:
(tel) 0800 047 866
(fax) 0800 286 331

Other Asia Pacific Countries:
(tel) (65) 6375 8100
(fax) (65) 6836 0252
(e-mail) tm_asia@agilent.com

⁘ Agilent Technologies