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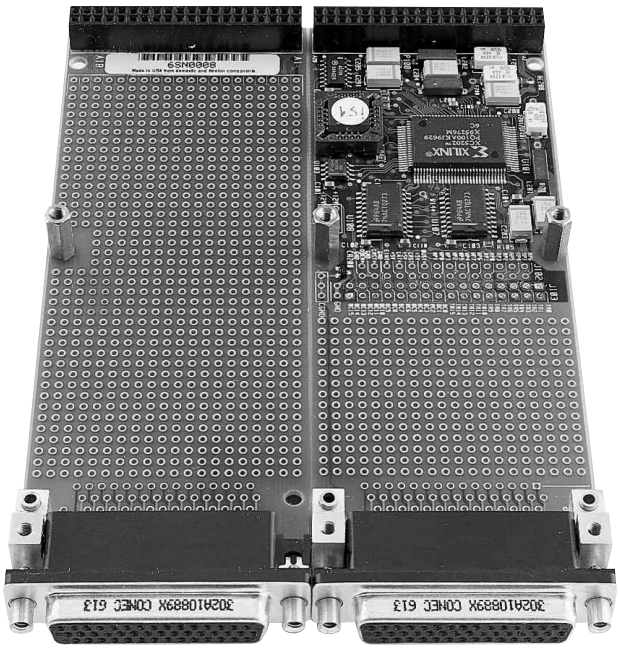
Find the *Keysight / Agilent E2259A* at our website: ***Click HERE***

Agilent E2259A

Double-Wide Breadboard M-Module

Data Sheet

- **Double-wide, register based**
- **Use to design and build special functions**
- **Reduces design time with the register-based interface**
- **Contains 16 buffered data I/O lines**
- **Uses one or two M-Module slots**



Agilent E2259A

Description

The Agilent E2259A is a **double-wide, register-based M-Module**. It can help you in designing and building special functions for your system. Filters, amplifiers, and other custom circuitry can be implemented on the breadboard's plated holes which are in an 1/10th inch hole pattern. When your custom circuit requires only one M-Module slot, the breadboard can be broken along its score line. The supplied documentation provides instructions for you to interface your circuit to the M-Module carrier. Also, you can access the +5 V and ± 12 V power supplies. Connections are made with two 44-pin D-Sub connectors and plastic housing.

With each M-Module having its own address within the E2250A and E2251A M-Module carriers, 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

Mechanical Specifications

Component area available: >12 sq in.

Mounting Holes

Center spacing: —
Inside diameter: —
Max. component height: 7/16″
Max. lead length: —

General Characteristics

Power supplies: + 5 V (500 mA), and ± 12 V (200 mA) supplies

M-Module Characteristics

Output connector type: Two 44-pin D-Sub (female)
Standard compliance: User defined
Accessory: Two 44-pin D-Sub (male) connector with plastic housing

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: n/a
Command module firmware rev: n/a
I-SCPI Win 3.1: n/a
I-SCPI Series 700: n/a
C-SCPI LynxOS: n/a
C-SCPI Series 700: n/a
Panel Drivers: n/a
VXI*plug&play* Win Framework: n/a
VXI*plug&play* Win 95/NT Framework: n/a
VXI*plug&play* HP-UX Framework: n/a

Module Current

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

NOTE: *Need to add I_{pm} and I_{dm} of user circuitry to complete totals.*

Ordering Information

Description	Product No.
Double-Wide Breadboard M-Module	E2259A

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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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Get assistance with all your test and measurement needs at
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Data Subject to Change
© Agilent Technologies, Inc. 2000
Printed in the U.S.A. May 1, 2004
5965-8825E

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