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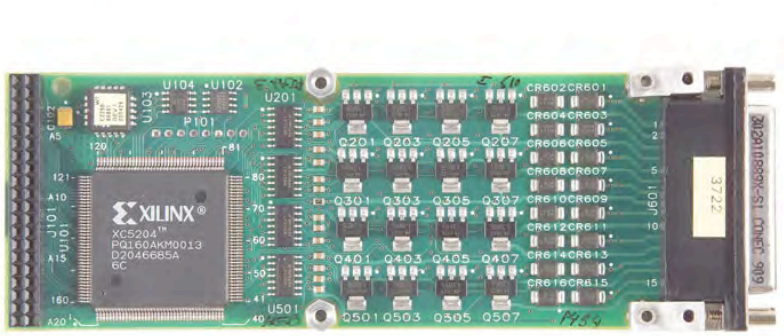
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Find the *Keysight / Agilent E2290A* at our website: ***Click HERE***

C&H Technologies, Inc. • 445 Round Rock West Drive • Round Rock, TX 78681-5012

(512) 733-2621 • FAX (512) 733-2629 • www.chtech.com

M223
16 Bit Digital I/O M Module



The M223 (formerly Agilent E2290A) provides 16 data/actuator lines. These data lines offer TTL compatible inputs and open drain outputs up to 30 volts. Each I/O line also provides active pull-up and pull-down for actuating external devices such as relays or attenuators. The module also has the ability to generate an interrupt based upon matching of a pre-stored pattern in a Compare Register. De-bounce on inputs is available.

Specifications:

Output Characteristics:

I_{out} (High):	20mA (source)
I_{out} (Low):	200 mA (sink)
V_{out} (High):	2.9V (TTL); 30V (OC)
V_{out} (Low):	0.4V

Input Characteristics:

I_{in} (High):	n/a
I_{in} (Low):	n/a
V_{in} (High):	1.8V
V_{in} (Low):	0.8V

Input De-bounce Control:

Input Register:	none or 3 ms
Pattern Register:	Fixed at 3 ms

Bit Addressing Options:

Two 8 bit ports, 1 16 bit,
Or individual bits

Connectors: 44 pin DSUB (Female)

Temperature:

Operating:	0°C to 55°C
Storage:	-40°C to 75°C

Power: +5V @ 0.385 A

M Module Compliance

Complies with ANSI/VITA Std 12-1996 for single-wide M Modules.

Data Transfers	16 bit
Interrupts	INTC

Compatible with VXI, VME, PCI, PXI, CPCI & Ethernet Carriers

Applications

- Control of external relays
- Monitoring of digital events

Ordering Information

Part Number 11029580-0001

Additional Information

User Manuals for C&H carriers and this module can be found on our website at www.chtech.com.

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