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- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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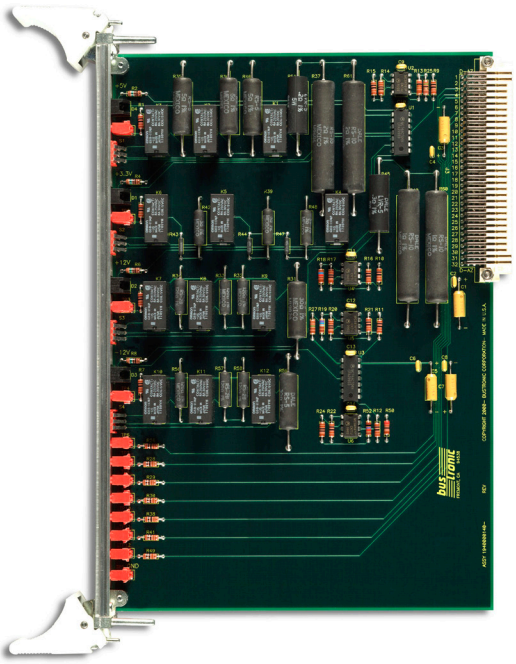
Find the *Elma / Bustronic 1940000140-0000* at our website: ***Click HERE***

ELMA Backplanes

VME/VME64x Load Boards

VITA Backplanes

bustronic Elma Bustronic



Description

The Elma Bustronic VME/VME64x load board enhance provides a means to test the power generated and cooling capability of VME systems.

The 6U VME/VME64x load board saves significant time and expense by confirming a system's operating specifications. The load board functions to test a system's cooling capabilities by applying a load to the power supply for verification, then generating necessary heat to confirm the chassis' cooling. This enables locating hot spots in the chassis so the airflow can be properly directed.

Features

- Conforms to electrical and mechanical connections of ANSI/VITA 1, 1994 for VME and ANSI/VITA 1.1, 1997 for VME64 extensions
- Verifies chassis can meet power requirement and specifications for VME/VME64x
- Aids in locating hot spots in the chassis
- Go/No Go LED indicators for +5V, +3.3V, +12V, -12V (within ± 5%)
- Primary test points +V1, +V2, -V1, -V2, ACFAIL, SYSRESET, SYSFAIL, and GROUND
- Power supply loading varies with front panel switches from 0 to 7 amps for thermal characterization

Board Specifications

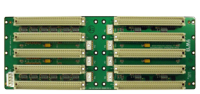
- 4-layer stripline design
- 2 oz. copper power and ground
- .062" thick PCB, UL recognized 94V-0 and FR-4 or equivalent

Mechanical Specifications

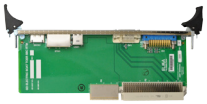
- 6U x 160mm

Related Products and Applications

- Highly integrated applications such as:
- Integrated display processing, mission management and navigational control for avionics systems
- Industrial monitoring, medical equipment, and night-vision systems requiring enhanced graphics capabilities
- Shipboard systems for target tracking and high definition displays
- Applications requiring a mix of I/O options, high compute density and enhanced graphics







- Rear Transition Modules for I/O
- Standard and custom VME backplanes
- Rackmount, desktop and ATR chassis platforms
- Embedded Computing Boards & Systems
- Ruggedization programs

VME/VME64x

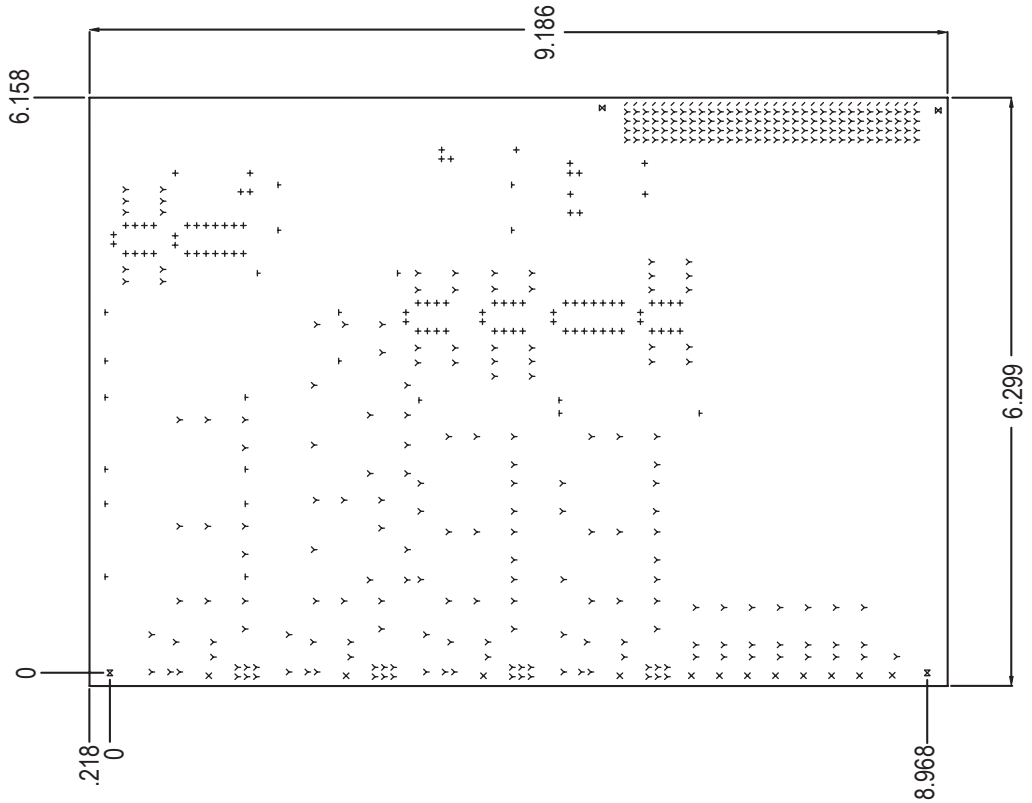
VME/VME64x Load Boards
VITA Backplanes

Backplanes VITA

Test Points Chart

Switch	+5V	+3.3V	+12V	-12V
000	off	off	off	off
001	1 A	1 A	0.1 A	0.1 A
010	2 A	2 A	0.2 A	0.2 A
011	3 A	3 A	0.3 A	0.3 A
100	4 A	4 A	0.4 A	0.4 A
101	5 A	5 A	0.5 A	0.5 A
110	6 A	6 A	0.6 A	0.6 A
111	7 A	7 A	0.7 A	0.7 A

Line Drawings



Order Information

Height	Length	Order Number
6U	160mm	190000140-0000

Artisan Technology Group is an independent supplier of quality pre-owned equipment

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