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Find the *LCR Electronics / Malco VME64x* at our website: ***Click HERE***

System and Backplane
- Enclosure
- Backplane
- Accessories
  - Card Extenders, Load bus and slot bypass
  - Air Management
  - Power Monitor Modules
  - Fan Fail and Power Monitor & Shutdown
  - Custom Power Supplies
  - VME Reset and Termination Module
  - EMI / RFI Filters
- Wire Wrap
- Flex Page

Other Products
- EMI Filters
- Motor Controls
- Electronic Controls
- Wiring Assemblies
- Capacitors
- Coils & Chokes

Other Services
- Electronic Contract Manufacturing
- PCB Assembly
- EMC Testing
- EMI Filter Design
- EMI Consulting Services
- EMC Seminars

POWER MONITOR MODULES

LCR Electronics Inc., a strong engineering based company, is a market leader in electronic systems packaging. These products are based on the VME, VXI, VXS, CompactPCI, and AdvancedTCA standards. We offer an array of custom and standard support products, designed to work in electronic enclosures, subracks, chassis and sub-system. Our products are supplied to meet either Commercial, COTS or Rugged Military requirements. LCR provides these high quality products supported by years of experience in solid design and applications expertise on new and existing programs. Our customers are the world leaders in telecommunications, aerospace, defense, medical and transportation.

Power Monitor Modules General Features:

- Boards, Card Guides and Baffles
- VME, VME64x, CPCI, ATCA and Custom Configurations
- 3U, 6U & 9U
- 160 mm thru 400 mm Deep
- Front Panels Options on Boards
- Board Base Material: FR4

P/N VME-PMM-001:

- RS-232 Interface, Bi-Color Status LED Driver
- Thermistor Input
- Audible Alarm Driver
- Monitors VME Supply Voltages, +5V, +5VStdby, +12V, -12V
- 100 mm (3U) x 114 mm
- Front or Rear Backplane Pluggable
- Power Requirements 5V, 150mA
- Operating Temperature: 0° C - 50° C
- High Temperature Alarm Setting: 20° C to 51° C, Dip Switch Programmable in 1° C Increments.

block diagram



P/N VME-PMM-002:

- RS-232 Interface, Bi-Color Status LCD Driver
- Thermistor Input
- Audible Alarm Driver
- Monitors VME Supply Voltages, +5V, +5VStdby, +12V, -12V
- 100 mm (3U) x 114 mm
- Front or Rear Backplane Pluggable
- Power Requirements 5V, 150mA
- Operating Temperature: 0° C - 50° C
- High Temperature Alarm Setting: 20° C to 51° C, Dip Switch Programmable in 1° C Increments.

Block Diagram of VME-PMM-002

P/N VME64X-PMM-001:

- RS-232 Interface, Bi-Color Status LED Driver and LCD Driver (Optional)
- Dual Thermistor Input
- Audible Alarm Driver
- Digital Fan Fail Input
- Monitors VME64x Supply Voltages, +3.3V, +5V, +5VStdby, +12V, -12V
- Supports Optional +/- V1 and +/- V2 Voltage Measurements
- 100 mm (3U) x 114 mm
- Front or Rear Backplane Pluggable
- Power Requirements 5V, 150mA
- Operating Temperature: 0° C - 50° C
- High Temperature Alarm Setting: 20° C to 50° C, Dip Switch Programmable in 1° C Increments.

Block Diagram of VME64X-PMM-001

P/N VME64X-SUPER-PMM:

- 6U x 160 Deep Plug-in Daughter Card
- RS-232 Interface, Bi-Color Status LEDs on Front Panel
- 3 External Temperature Inputs
- 2 On Board Temperature Sensors, with User Selected Trip Point
- On Board Airflow Sensor (3 meter umbilical cord)
- 3-axis Vibration Sensor
- Front Panel Mounted VME64x Reset Switch
- Monitors VME64x Supply Voltages, +3.3V, +5V, +5VStdby, +12V, -12V
- Power Requirements +5V, 150mA and +/-12V, 50mA
- Operating Temperature: 0° C to 70° C

Block Diagram of VME64X-SUPER-PMM



LCR welcomes requests for Custom Configurations, please contact the factory for details

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Phone: (800) 527-4362 or (610) 278-0840 • Fax: (610) 278-0935

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