

## REAR TRANSITION MODULES (RTMs)



### FEATURES

- For VXS, VME/64x, cPCI, ATCA, VPX, and other architectures
- Unique rear I/O and RTM solutions for VXS and VPX
- Design and contract assembly services available
- Possible sizes include 3U x 80 mm, 6U x 80mm, 8U x 80mm and more depending on architecture
- Contact factory for ordering information

### DESCRIPTION

Bustronic has developed custom RTMs for various architectures, including VPX, ATCA, VME64x, and more. An RTM helps bring IO off the backplane and this can be achieved in various configurations to meet your requirements. See below for various examples.



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### UNIVERSAL VPX RTM BREAKOUT BOARD



#### FEATURES

- 6U x 80 mm RTM format
- Designed to meet VITA 46.10 for VPX RTM modules
- Supports 2 Level Maintenance per VITA 46.0 section 4.5
- 10 layer design
- Breakout for all signals possible depending upon connector configuration
- Typical configuration has connectors installed to bring out J0, J2, J3 and J4 signals
- Front panel and injector/ejector optional, with all necessary holes provided
- Strain relief holes provided directly behind the front panel mounting location for clamping bar or wire-ties

The Universal VPX RTM Breakout Board can allow a test engineer to access I/O signals on custom built VPX boards. The board would not be intended for high-speed signals but would typically be used to bring out single ended TTL signals that might be part of a customer's custom IO board.

### VMEBUS RTMs - COMPATIBLE WITH MOTOROLA SBCs



#### FEATURES

- Single slot 6U x 80mm form factor
- Compatible with Motorola SBCs commencing with the MVME2700
- Includes geographical addressing
- One EIA-574 (DB9M), one EIA-574/RS422
- Using DB9M, ultra SCSI II wide (HD68F)
- 1101.10/11 style handles and gasketing
- Note: EIA-574 is the 9 pin RS232 standard
- Order Number: Consult Factory

The VMEbus RTM plugs into a VME backplane for more robust connectivity. Direct plugging offers higher resistance to shock and vibration as compared to the standard P2 / ribbon cable connection style.

