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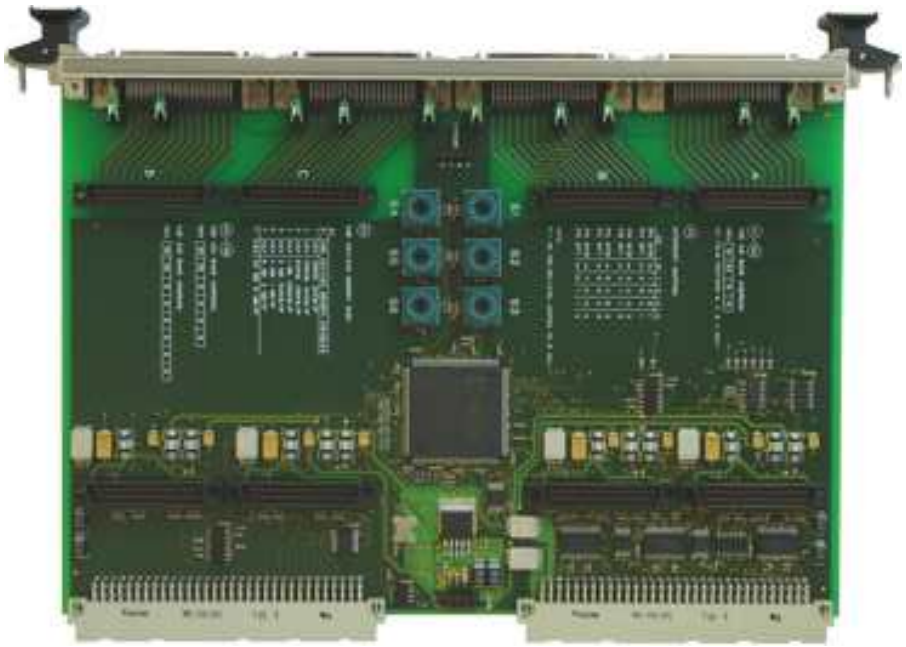
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The Embedded I/O Company

TVME201 VMEbus Carrier for 4 IndustryPacks®



Application Information

The TVME201 is 6U VMEbus Carrier for up to four single-size or two double-size IndustryPack (IP) modules allowing to build up modular, flexible and cost effective I/O solutions for all kinds of applications like process control, medical systems, telecommunication and traffic control.

For improved EMI protection, four HD50 SCSI-2 type connectors are mounted in the EMI front panel of the TVME201 and provide access to all IP I/O lines. Status indicators for IP access, +5V and +/-12V are provided in the front panel.

A set of 16-position rotary switches allows easy configuration of VME Short I/O and Memory addresses. Interrupt routing from the IP slots to the VME IRQ's can be done in two ways: programmable by software or selection of predefined sets by a rotary switch.

The IP power lines are fuse protected by self healing fuses and RF filtered. The operating temperature ranges between -40°C and +85°C.

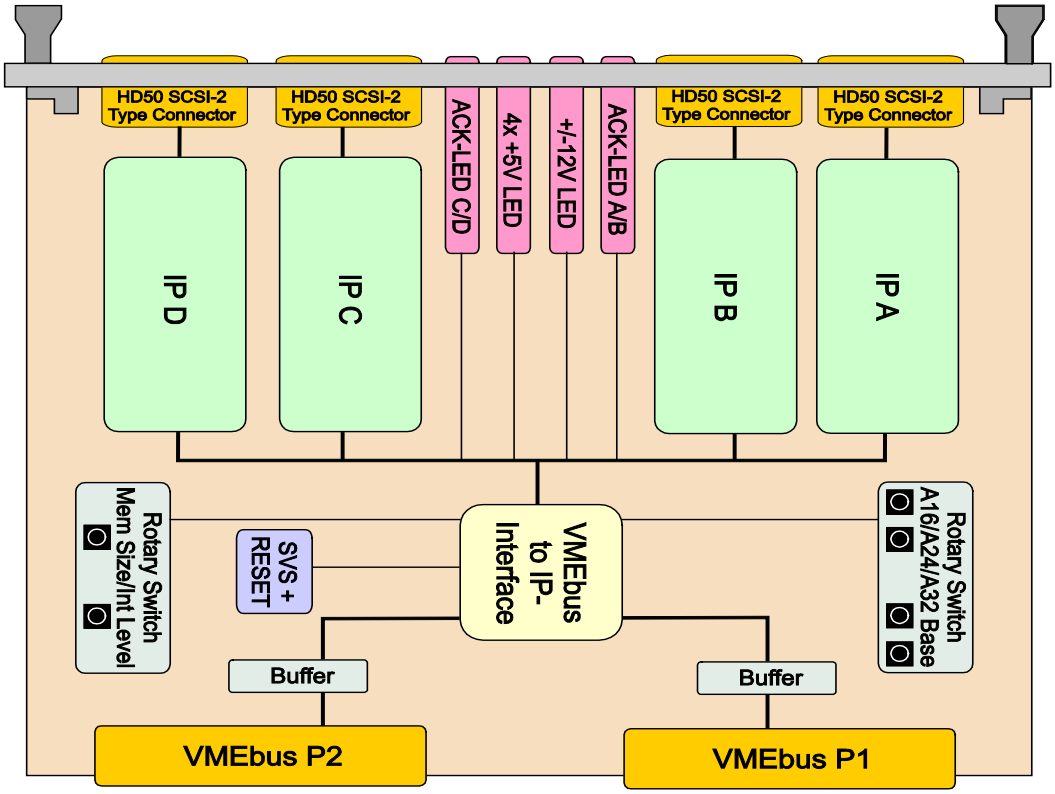
Technical Information

- Form Factor: VMEbus board, 6U
- VMEbus slave interface:
  - Short I/O: A16, D08/16, size: 1 Kbytes
  - Standard Memory: A24, D08/16, Size: programmable, 32 Kbytes to 2 Mbytes per IP
  - Extended Memory: A32, D08/16, Size: fixed, 8 Mbytes per IP
  - Interrupts: IRQ1-7
- ANSI/VITA 4-1995 compliant interface to IndustryPack modules
  - IndustryPack slots: Four single-size or two double-size with front panel I/O
  - 8 MHz interface, no DMA
  - Routing of IP Interrupt Levels to VME IRQ1-7: programmable by software or selection of predefined sets by a rotary switch
  - I/O access by HD50 SCSI-2 type connector per IP mounted in EMI front panel
- EMI front panel
- Status LED's
  - ACK LED for each IP module
  - +5V Power LED for each IP slot
  - +12V and –12V Power LED
- Self Healing fuses and RF-filtering on all IP power lines
- Operating Temperature –40°C to +85°C

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Order Information

RoHS Compliant

TVME201-10R 6U 4 Slot IndustryPack Carrier, HD50 connectors

For the availability of non-RoHS compliant (leaded solder) products please contact TEWS.

Documentation

TVME201-DOC User Manual

Software

CARRIER-SW-42 VxWorks Software Support (Legacy and VxBus-enabled Software Support)
CARRIER-SW-65 Windows IP Carrier Software Support
CARRIER-SW-82 Linux IP Carrier Software Support
CARRIER-SW-95 QNX IP Carrier Software Support

For other operating systems please contact TEWS.

Related Products

TA301 Cable Kit for Modules with HD50 Connector

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