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Find the *Tews Technologies TVME200-10* at our website: ***Click HERE***

The Embedded I/O Company

TVME200 VMEbus Carrier for 4 IndustryPacks®

Application Information

The TVME200 is 6U VMEbus Carrier for up to 4 single-size or 2 double-size IndustryPack (IP) modules used to build modular, flexible and cost effective I/O solutions for applications in process control, medical systems, telecommunication and traffic control.



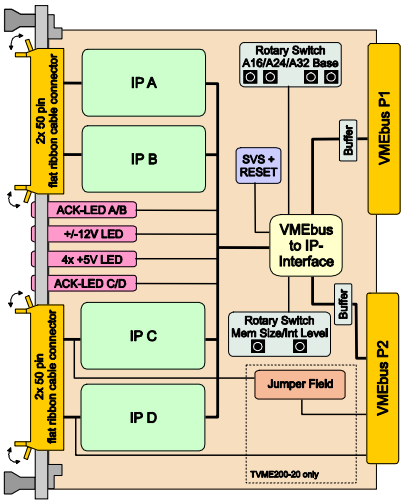
A set of 16-position rotary switches allows easy configuration of VME Short I/O and Memory addresses. Interrupt routing from the IP slots to the VME IRQ's can be done in two ways: programmable by software or selection of predefined sets by a rotary switch.

Four 50 pin 0.1 inch flat ribbon cable connectors mounted in the front panel of the TVME200 provide access to all IP I/O lines. Additional, on the TVME200-20 all I/O lines of 'IP D' are routed to VME P2 and 14 user selectable I/O lines of 'IP C' can be routed to VME P2 via a jumper field.

Status indicators for IP access, +5V and +/-12V are provided.

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

For First-Time-Buyers the Engineering Documentation TVME200-ED is recommended. The Engineering Documentation includes TVME200-DOC, schematics and data sheets of TVME200.



Technical Information

- Form Factor: VMEbus Board, 6U
- VMEbus Slave Interface:
  - Short I/O: A16, D08/16, size: 1 Kbyte
  - 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: 50 pin 0.1 inch flat ribbon cable connector per IP mounted in front panel
    - Rear I/O of 'IP C' and 'IP D' (TVME200-20 only)
- 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

TVME200-10R	VMEbus Carrier for 4 IP modules (6U); Front panel I/O, Standard Handles
TVME200-20R	VMEbus Carrier for 4 IP modules (6U); Front panel I/O and Rear I/O of 'IP C' and 'IP D', Standard Handles

None RoHS Compliant

TVME200-10	None RoHS compliant version of TVME200-10R
TVME200-20	None RoHS compliant version of TVME200-20R

Documentation

TVME200-DOC	User Manual
TVME200-ED	Engineering Documentation (TVME200-DOC, Schematics, Assembly Drawing, Data Sheets)

Software

CARRIER-SW-25	Integrity Software Support
CARRIER-SW-42	VxWorks Software Support (Legacy and VxBus-enabled Software Support)
CARRIER-SW-65	Windows XP/XPE/2000 IP Carrier Software Support
CARRIER-SW-72	LynxOS IP Carrier Software Support
CARRIER-SW-82	Linux IP Carrier Software Support
CARRIER-SW-95	QNX 6 IP Carrier Software Support

For other operating systems please contact TEWS.

Related Products

TA305	Cable Kit for Modules with 50 pin ribbon cable connector

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