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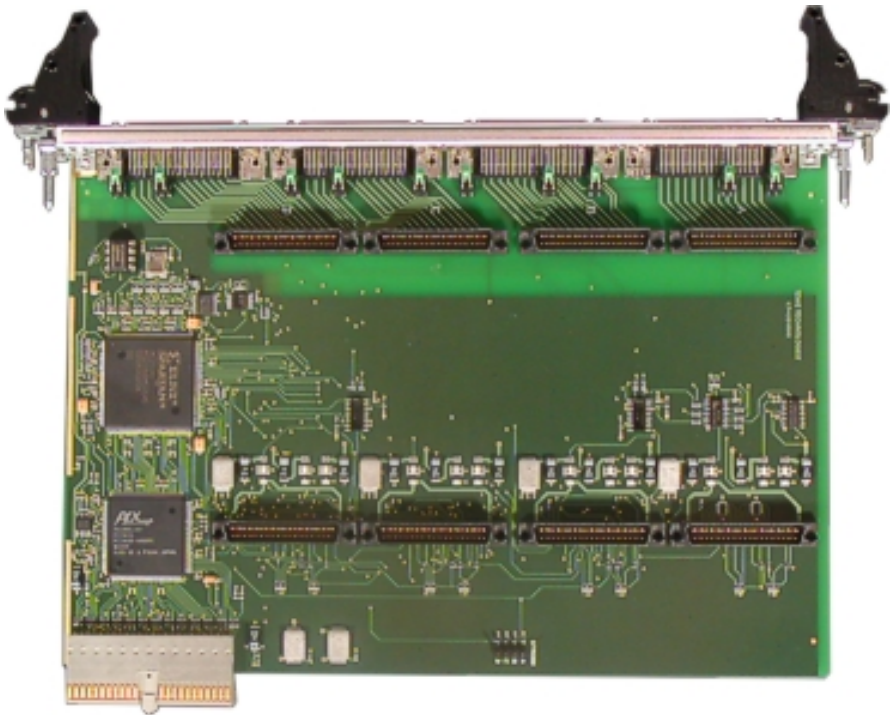
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The Embedded I/O Company

TCP201 CompactPCI Carrier for 4 IndustryPacks®



Application Information

The TCP201 is a standard 6U CompactPCI Carrier with front I/O for up to four single-size or two 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.

For improved EMI protection, four HD50 SCSI-2 type connectors are mounted in the EMI front panel of the TCP201 and provide access to all IP I/O lines. Status indicators for IP access, +5V and +/-12V are provided in the front panel.

The TCP201 can operate with 3.3V and 5.0V PCI I/O signaling voltage.

All IP interrupt request lines are mapped to PCI INTA. For fast interrupt source detection, the TCP201 provides a special IP interrupt status register.

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

The TCP201 complies with the PICMG 2.0 Revision 3.0 CompactPCI specification.

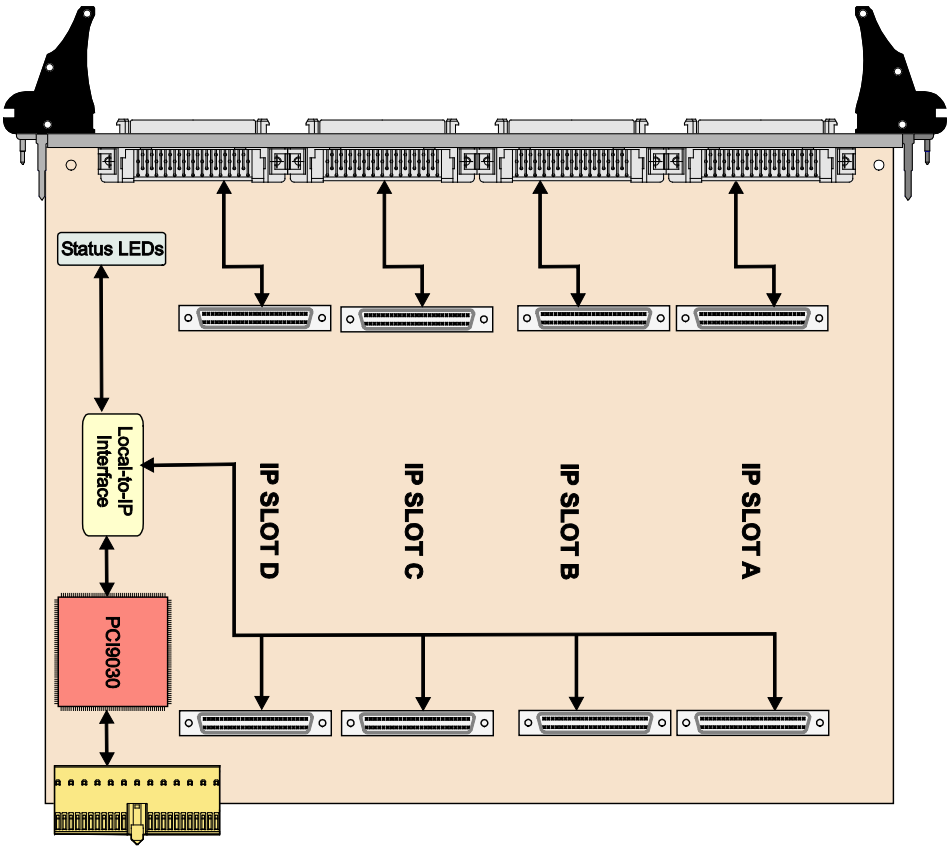
Technical Information

- Standard 6U 32 bit CompactPCI module conforming to PICMG 2.0 Rev 3.0
  - PCI 2.2 compliant interface
  - Board size: 160mm x 233.35mm
  - PCI Interface : 33 MHz; 32 bit
  - 5V and 3.3V PCI I/O signaling voltage
- ANSI/VITA 4-1995 compliant interface to IndustryPack modules
  - IndustryPack slots: Four single-size or two double-size
  - 8/32 MHz interface, no DMA
  - 8 MByte memory space per IP
  - Routing of all IP interrupts to PCI INTA, local interrupt status register
  - I/O access: HD50 SCSI-2 type connector per IP, front panel I/O
- 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

TCP201-10R 6U 4 Slot IndustryPack Carrier, HD50 connectors

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

Documentation

TCP201-DOC User Manual

Software

CARRIER-SW-42 VxWorks IP Carrier 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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Artisan Technology Group is an independent supplier of quality pre-owned equipment

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