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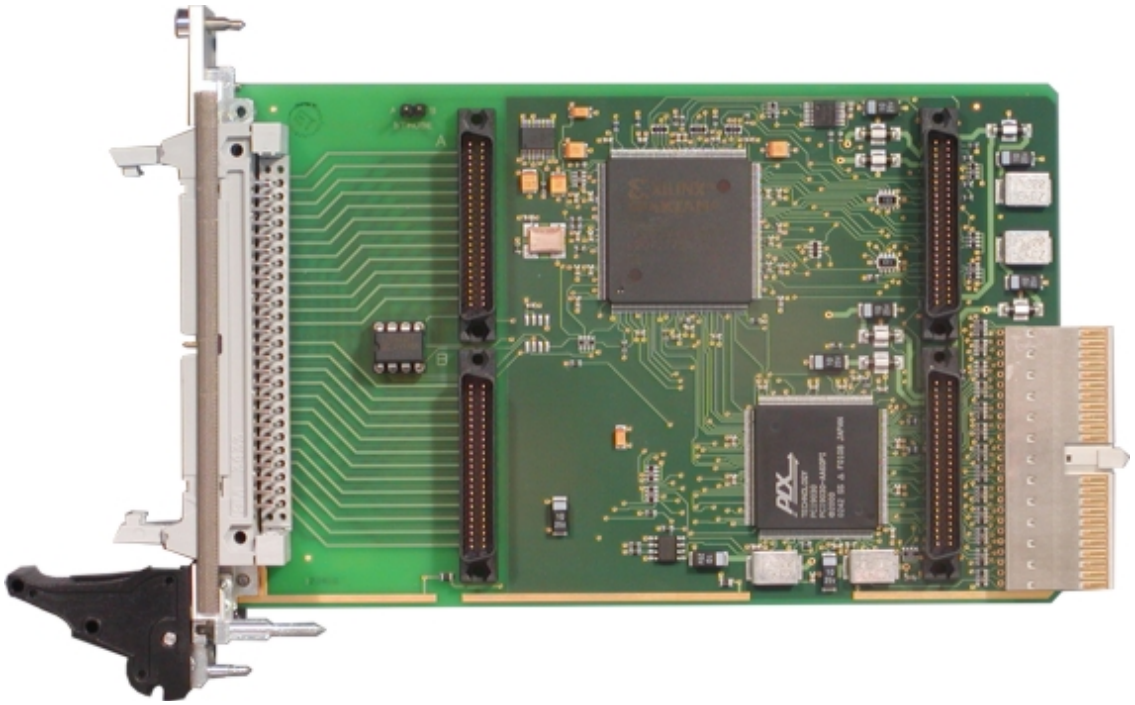
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The Embedded I/O Company

TCP211 CompactPCI Carrier for 2 IndustryPacks®



Application Information

The TCP211 is a standard 3U CompactPCI carrier for up to two single-size or one 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.

Access to all IP I/O lines is provided by two 50 pin 0.1 inch flat ribbon cable connectors mounted in the front panel.

The TCP211 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 TCP211 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 TCP211 complies with the PICMG 2.0 Revision 3.0 CompactPCI specification.

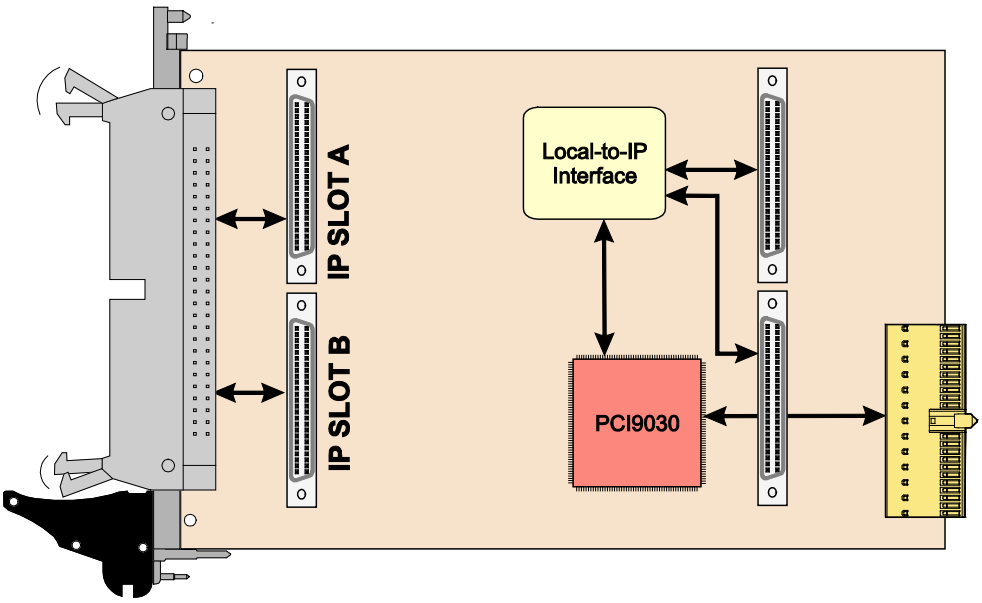
Technical Information

- Standard 3U 32 bit CompactPCI module conforming to PICMG 2.0 Rev 3.0
  - PCI 2.2 compliant interface
  - Board size: 160mm x 100mm
  - 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: Two single-size or one 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: 50 pin 0.1 inch flat ribbon cable connector per IP mounted in front panel
- Self healing fuses and RF-filtering on all IP power lines
- Operating temperature -40°C to +85°

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Order Information

RoHS Compliant

TCP211-10R 3U 2 Slot IndustryPack Carrier, 50 pin ribbon cable connector (stacked version)

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

Documentation

TCP211-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

TA305 Cable Kit for Modules with 50 pin Ribbon Cable Connector
TCP001-FP 6U Front Panel Extension for 3U cPCI Boards

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Artisan Technology Group is an independent supplier of quality pre-owned equipment

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Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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