CompactPCI™ **DSP Module**
Quad Industry Pack™ Carrier

CPCI - Quad Industry Pack
Carrier w/ DSP

CompactPCI BUS INTERFACE

4 Mbit Flash

4 Mbyte dual ported SRAM

SRAM 512K bytes

32bit DIGITAL SIGNAL PROCESSOR

Control logic / I.P. Interface

Industry Pack Module "A"

Industry Pack Module "B"

Industry Pack Module "C"

Industry Pack Module "D"

Front and Rear Panel I/O

FEATURE SUMMARY
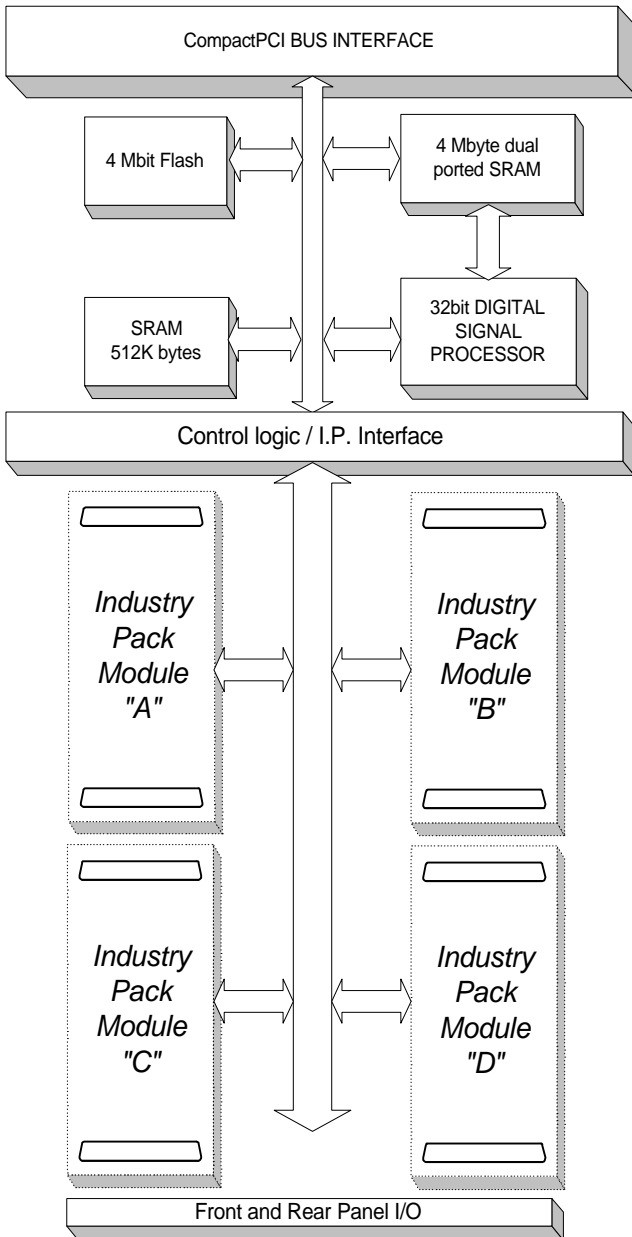
- QUAD Industry Pack™ carrier
- Supports 8 and 32 Mhz Industry Packs™
- TMS320C31 DSP processor
- 512K bytes of zero wait state SRAM
- 4 Mbytes of dual ported SRAM
- Application firmware can be downloaded via the *CompactPCI* bus
- Stand alone mode for embedded applications
- CE approved front panel connectors
- 6U *CompactPCI* form factor with front and rear panel I/O
- Windows NT© drivers included

OVERVIEW

The CPCI-4pack-6U module provides a   high performance flexible I/O scheme, that supports industry standard Industry Packs™. For application requiring low cost, high density I/O or unique combinations, the CPCI-4pack-6U is the perfect solution. The Local DSP can be used to simply move data to and from the CPCI bus or provide pre processing functions such as local PID controls, FFT's, digital filtering, etc. Custom application software can be downloaded to the DSP via the CPCI bus or the local serial port.

ORDERING INFORMATION

p/n: CPCI-QIPC-6U   C31 DSP, 4 IP sites
      TB-50-Champ-50   Terminal block w/ cable
      CBL-Champ-scsi-50   50 pin Champ to scsi cable

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