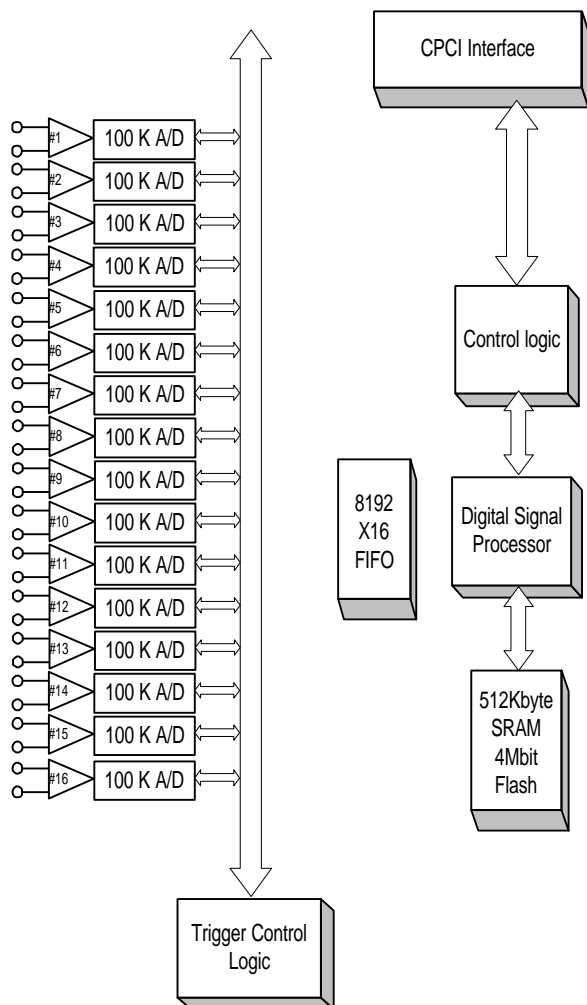


CompactPCI™ High Performance Data Acquisition DSP based 16 channel 100/200 KSPS 16 bit A/D

Compact PCI - AD8/16



FEATURE SUMMARY

- 16- 16 bit channels, 100 or 200 KSPS ADC's
- +- 10 volt differential inputs
- 60Mhz TMS320C32 DSP processor
- 512K byte of zero wait state SRAM
- Simultaneous Sampling, Differential input
- External or Internal, PXI Triggers, Gates
- Lower cost 8 channel version
- High speed DMA transfers to and from the CPCI bus
- Application firmware can be downloaded over the bus
- Instrumentation amplifier per channel
- Programmable gain 1, 2, 4, 8 standard
- Over-voltage protection
- External power supply input option
- PXI Support

OVERVIEW

The CPCI-AD8/16 module provides a 3U high performance data acquisition subsystem. There are (8) eight or (16) sixteen 100/200 KSPS ADC's for maximum performance. The Local DSP can be used to simply move data samples to the CPCI bus or can provide processing functions such as limit checking, FFT's, digital filtering, etc. Software can be downloaded to the DSP via the CPCI interface. Instrumentation amplifiers provide over-voltage protection and gain on a per channel basis. The CPCI-AD8/16 can also accept external scan and trigger signals from a front panel connector.

ORDERING INFORMATION

p/n:	CPCI-AD8	Intelligent 16 bit data acquisition
	opt.-200	Fast 200 KSPS
	opt.-16	8 additional ch. on mezzanine board
	TB-50	50 pin terminal block w/ cable
	CBL-SCSI-50	50 pin scsi to scsi cable only

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