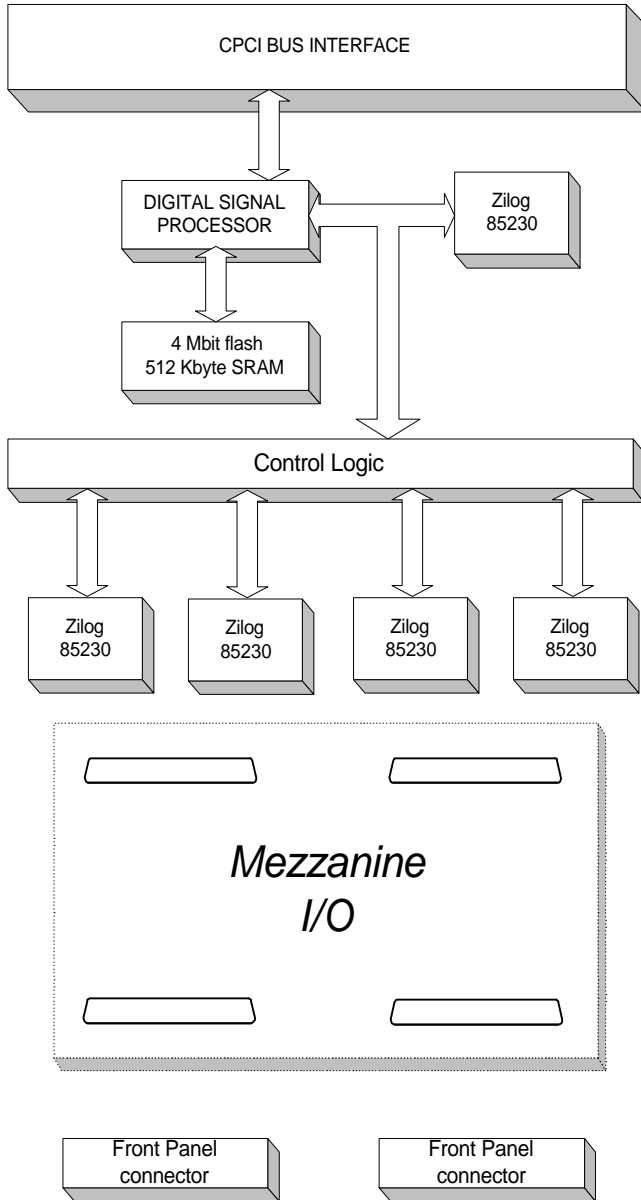


CompactPCI™ Module Intelligent Octal Serial Controller

Compact PCI - Octal Serial
FUNCTIONAL BLOCK DIAGRAM



FEATURE SUMMARY

- 8 Sync. / Async. Serial ports
- Integrated DSP (TI TMS320C31) at 32 MHz to offload I/O operation from host or for standalone applications
- 512K bytes of zero wait state SRAM
- Support for opt. application specific serial mezzanine I/O for RS-232, RS-422, RS-485, or a custom interface
- Full interrupt support of host and DSP
- Front panel I/O connectors for all mezzanine I/O
- Four (4) 16 MHz Z85230 SCC devices
- All Z85230 I/O lines routed to mezzanine connectors
- One external interrupt input
- DMA transfers to and from the CompactPCI bus
- Application or protocol firmware can be downloaded over the CompactPCI bus or serial link
- 3U CompactPCI form factor

OVERVIEW

The CPCI-ISC8 is an intelligent DSP based serial communication board. This 3U board is based on the CPCI-IPC product and has been modified to remove the IP interface and to support additional I/O features. The CPCI-ISC8 provides mechanical support and the electrical interfaces for an I/O mezzanine board. Multiple CPCI-ISC8 boards may be installed in a single system.

ORDERING INFORMATION

p/n :	CPCI-ISC8	3U, Intelligent serial controller
	Mezz-ICC8	
	TB-50-HDR	50 pin terminal block
	CBL-HRS-HDR-50	50 pin HRS to Header cable

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