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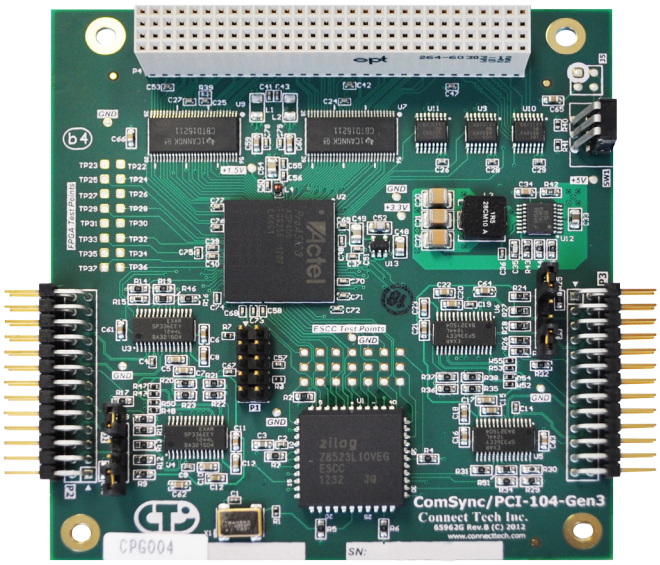
Connect Tech Inc.
Embedded Computing Experts

Product Name & Part Number:
ComSync/PCI-104 Gen3 - CPG004

ComSync/PCI-104 Gen3

Based on the PCI bus and a compact form factor, this two-channel, multi-protocol serial adapter offers high performance, reliable, synchronous or asynchronous serial communications for your industrial or embedded needs.

Providing the maximum in flexibility, this PCI-104 card allows you to choose from multiple electrical interfaces, protocols and encoding schemes to ensure your hardware solution is ideally suited to your specific application.



Specifications

Part	CPG004
Number of Ports	2 synchronous/asynchronous serial channels
Electrical Interface	RS-232, RS-485
Protocols	HDLC, SDLC, MonoSync, BiSync, Async
Encoding	FM1, FM0, NRZ, NRZI
High Performance	Support for four software programmable DMA channels
Connectors	26 pin header connectors (optional ribbon cables with female 26 pin IDC to female DB-25 connectors available)
Control Signals	232: RXD, TXD, RTS, CTS, DSR, DCD, TRxC, RTxC, SYNC 422: RX ±, TX ±, RTS ±, CTS ±, TRxC ±, RTxC ±, SYNC 485: TXRX ±, TRxC ±, RTxC, SYNC
Serial Clocks	Internal or external
Bit Rates	Programmable bit rate generator, up to 2.6 Mbps (different oscillators available for custom bit rates)
PCI Addresses	3 Memory Bars setup by OS
Interrupts	1: setup by OS
Communication Controller	11 MHz Zilog 85230 ESCC
Dimensions	Form factor is PC/104 v.2.6 compliant
Power Requirements	+5 VDC @ 200 to 400 mA (typ) (varies with line interface mode and data transmission speed)
Environmental Requirements	Industrial temp: (operating) -40 to 85 C Humidity: 95% non-condensing
Bus	PCI-104
Software Compatibility	Third party Zilog 85230 compatible applications and development tools
System Requirements	One available PC-104 module stack connector and hardware interrupt (if required)

RoHS

FEATURES

✓Two synchronous/asynchronous serial channels

✓Multiple communication protocols supported: RS 232, RS-422, RS-485, HDLC, SDLC, MonoSync, BiSync and Async

✓Operating temperature range of -40°C to 85°C

Specifications subject to change without notice.
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