

ComSync/PCI-104

Serial Communications

ComSync/PCI-104

Features

- PCI-104 form factor
- Two synchronous/asynchronous serial channels
- Universal PCI-104 1.0 bus - 33MHz/32 bit PCI interface
- Seven software programmable electrical interfaces (RS-232, RS-422, RS-449, EIA-530, EIA-530A, V.35 and X.21)
- Multiple communication protocols supported; HDLC, SDLC, MonoSync, Transparent BiSync, Async, external character sync and others
- Several NRZI and BiPhase clock modes
- Data communications speeds up to 20 Mbps
- Operating temperature range of 0°C to 70°C
- RoHS compliant



Connect Tech's ComSync product family has expanded to include a PCI-104 platform option for your synchronous/asynchronous communications.

Specifications

Number of Ports	2 synchronous/asynchronous serial ports
Connectors	Two 26-pin 0.100" right angle pitch headers
Electrical Interfaces	SP508 & SP509: RS-232, RS-422, RS-449, V.35, X.21, EIA-530, EIA-530A LTC1687CS: RS-422/485 only
Modes	NRZI: NRZI, NRZIB, NRZI-Mark, NRZI-Space BiPhase: BiPhase-Space, BiPhase Level, Differential BiPhase-Level
Protocols	SDLC, HDLC, MonoSync, Transparent BiSync, Async, external character sync and others
Baud Rate	Up to 20Mbps
DMA Modes	Single buffer, pipelined, array chained and linked array
USART Type	Two dual channel Z16C32 IUSC's with 32 byte transmit and receive FIFO buffers
Dimensions	Fully PCI/104 compliant
Environmental	Operating Temperature: 0° C to 70° C (32° F to 158° F) Storage Temperature: -40° C to 125° C (-40° F to 257° F) Humidity: 95% non-condensing
Bus	Universal PCI-104 1.0 bus - 33MHz/32 bit PCI interface
System Requirements	+5V DC 1.0 A (max.)

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

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

ComSync/PCI-104 is PCI-104 1.0 compliant and includes a PCI-104 stack-through connector for interface to a PCI-104 card stack. Lifetime warranty and free technical support is also included.



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