ARINC

Modular Interface for PCI

FEATURES

› Support for ARINC 429, 419, 453, 561, 568, 573, 575, 582, 708, 717, CSDB, MIL-STD-1553 and RS-232/422/485 available

› Up to 80 ARINC 429 channels in one card slot (40 Rx / 40 Tx)

› Mix different protocols on same board

› Support for 6-wire ARINC 561 and 568 available

› Support for RS-232, RS-422, RS-485 available

› Transition cabling provided

› Full and half-length card formats

› Advanced, high-level API software included for Windows XP, 2000, Me, NT, 98, and 95

› LabVIEW, LabWindows/CVI, and Visual Basic support is available for ARINC 429, MIL-STD-1553 and selected protocols

See our on-line Commercial Products Configuration Guide for available configurations.

http://www.condoreng.com

The CEI-500 is a flexible, space-saving, multi-protocol solution for the PCI platform. Based on rugged and versatile IP module technology (also known as IndustryPack), the CEI-500 provides the proven advantages of open system design while supplying a large number, of low cost ARINC 429, CSDB, RS-232, RS-422, RS-485, MIL-STD-1553 and other interfaces on a single board

Architecturally, the CEI-500 consists of one or more Condor IP modules, mounted on a 32-bit PCI carrier board. The full-length card supports a range of configurations from 2 to 80 ARINC 429 channels. The half-length card supports up to 48 ARINC 429 channels. Multiple cards can be installed in the same PC.

High-level API support is provided for Windows XP, 2000, Me, NT, 98 and 95 to assist in the integration of the CEI-500 into your system. LabVIEW, LabWindows/CVI and Visual Basic support are available for ARINC 429, MIL-STD-1553 and selected protocols. High-level API and GUI support for MIL-STD-1553 is also available on the CEI-500 card.

SPECIFICATIONS

ARINC 429 or 575 Protocols

- Up to 40 Rx / 40 Tx channels
- 12.5, 50 or 100 KHz bit rates

ARINC 561/6, 573 or 717 Protocols

- Up to 5 Rx / 5 Tx channels per board

Available Interfaces

- ARINC 419, 429, 561, 568, 571, 575, 708, 717, +
- MIL-STD-1553B, CSDB
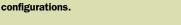- RS-232, RS-422, RS-485

Power

- +5 VDC, + 12VDC

Physical

- 5 IP sites on a full-length board (13.34" x 4.2")
- 3 IP sites on a half-length board (7.3" x 4.2")

Environmental

- Operating temperature range: 0°C to 70°C

Warranty: 3 year limited hardware warranty

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