PMC 1553 Card

Peripheral Component Interconnect Mezzanine Card

(MIL-STD-1553 SDLC/HDLC Channels)

Key Features

- Dual channel Fully Integrated MIL-STD-1553 A/B STANAG 3838 Compliant Terminals
- 4 bits of Isolated discrete digital I/O
- Programmable as Bus Controller or Remote Terminal or Bus Monitor or RT/MT
- Two Independent, 10 Mps, Full-Duplex SCC Channels
- Supports SDLC/HDLC Modes- Supports Linux 2.4/2.6

Cornet's PMC CTI08D05 provides two independent dual redundant MIL-STD-1553 channels and two SDLC/HDLC channels. The PMC card fully supported by the latest software technologies and feature rich application programming interface. This hardware and software package provides increased system performance and reduces integration time. In addition this PMC also has an independent dual channel SCC controller that can be used for High-Speed Synchronous Serial I/O communication.

The 1553/SCC PMC ensures greater compatibility with the latest generation processor boards with PCI/PCI-X PMC slots.

Typical applications for Cornet 1553/SCC PMC include mission electronics, navigational aids, target acquisition, UAV's, electronic counter measures and excellent choice for real-time simulation

CORNET TECHNOLOGY

Specifications - (PMC 1553 Card)

Specifications

1553 controller: Enhanced Mini-ACE with 8Kx16 Bytes of RAM

Dual Redundant MILSTD-1553A/B Channels

SDLC controller: Full-Duplex SCC Channels, SDLC/HDLC Modes Synchronous Mode with Internal or External Character Synchronization

PCI: 64-bit PCI-X 66/133Mhz or Conventional PCI 33/66 MHz compatible

Form factor: PMC (74mm X 149mm)

Environment:

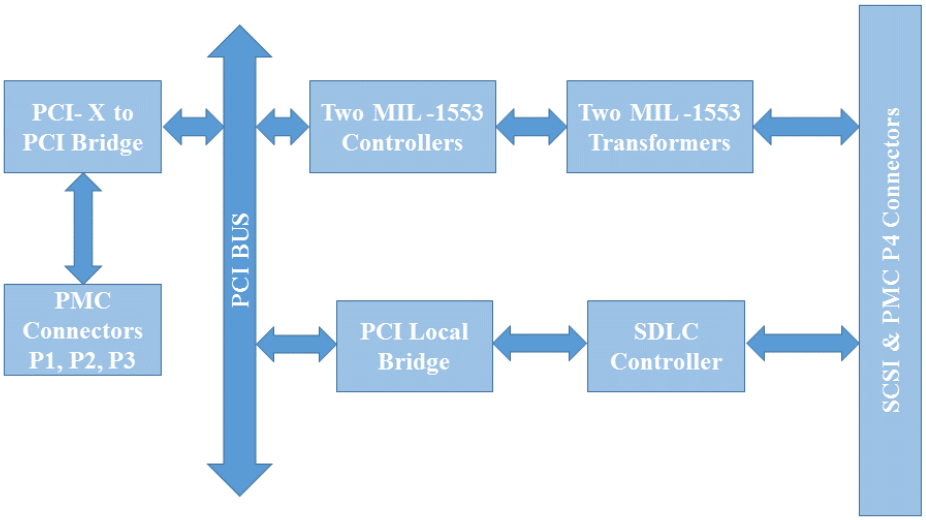
Storage Temperature: -40 °C to +125 °C

Operating Temperature: -10 °C to +55 °C

Compliance: Industrial and RoHs Compliant

Operating voltage: +3.3V ± 5%

Connector: SCSI connector



ISO-9001:2015 Registered

Product is Subject to U.S. Export Laws

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