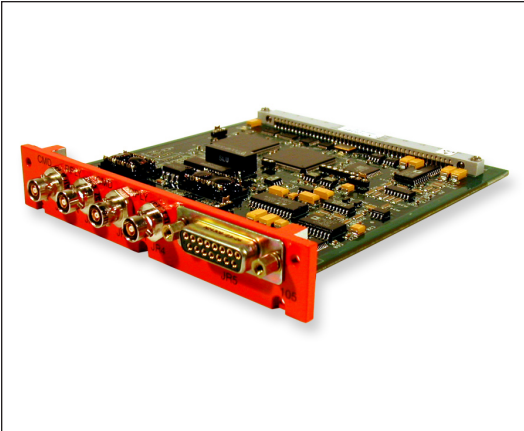


Remote CAIS Overhead Card for the CDAU-2010/12/16



Applications

- CAIS Applications
- Distributed Systems
- Time-tagging data

Features

- Enhanced Remote CAIS Bus I/O overhead card for use in the CDAU-2010/12/16 unit
- Operates as the local controller to digital cards and analog signal conditioning cards in the chassis
- Contains a 32Kx16 EEPROM (maps the instructions coming from the master to the Remote I/O cards)
- Provides enhanced memory management features
- Provides System Status Information
- Accepts preconditioned digital and analog data from various Remote I/O cards
- Provides programmable secondary gains and offset for some I/O cards
- Operates at up to 416 KSPS (5 MBPS at 12 bits-per-word)
- Includes an IRIG-B Time Code Reader/Generator

Description

The RCI-105E is used for the CDAU-2010/12/16 as the remote I/O controller card. It accepts CAIS commands from a CAIS controller, and replies with data acquired from the I/O cards to the CAIS controller. It allows for CAIS programming, BIT, System Audit, and Simultaneous Sampling. The card includes an IRIG-B AC or DC reader, and IRIG-B DC time generator.

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RCI-105E Datasheet

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Specifications subject to change without notice.



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