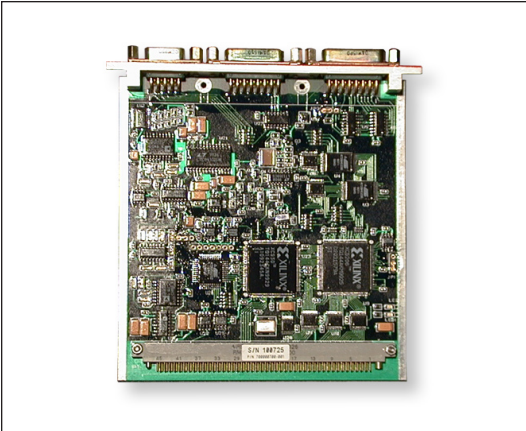


Remote Overhead E-Bus Interface Card for the EDAU-2010/12/16



Applications

- Distributed systems
- Time tagging data

Features

- Remote E-Bus I/O overhead card for use in the CDAU-2010/12/16 unit
- Has Remote Unit ID strapping provisions (1 of 30, i.e. 5 lines)
- Operate as the local controller to I/O digital and analog signal conditioning cards in the chassis
- Contains a 32Kx16 EEPROM (maps the instructions coming from the master to the Remote I/O modules)
- 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 REI-105 is used for the EDAU-2010/12/16 as the remote I/O controller card. It accepts E-Bus commands from an E-Bus controller, and replies with data acquired from the I/O cards to the controller. It allows for 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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REI-105 Datasheet

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