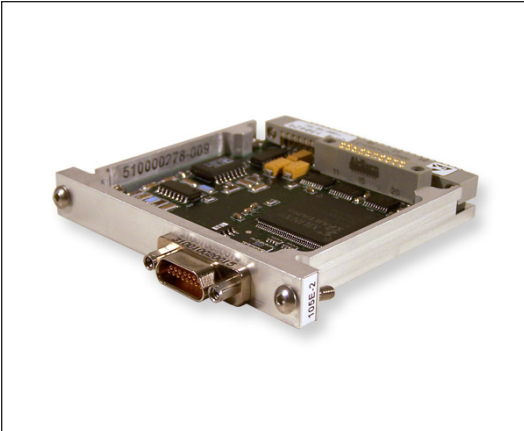


Miniature CAIS Overhead Module



Applications

- CAIS Applications
- Distributed Systems

Features

- CAIS Bus port for communication with the “Master” and daisy-chain CAIS Bus output for connection to downstream remote units
- Has Remote Unit ID strapping provisions
- Contains a 32Kx16 EEPROM
- Has a 12-bit Analog to Digital Converter (ADC)
- Supports Simultaneous Sampling
- Accepts preconditioned analog data from various Remote I/O modules
- Provides eight (8) programmable secondary gains
- Provides 4,096 programmable secondary offsets (12-bit DAC)
- Operates at up to 416 KSPS (5 MBPS at 12 bits-per-word)

Description

The PMRCI-105E-2 performs the control functions for the remote I/O modules within a PMCDAU data acquisition unit. This module provides the interface with the “master” via the CAIS Bus (command/response bus), and provides the internal data interface for all remote I/O modules.

Revision 03/27/2009

PMRCI-105E-2 Datasheet

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Specifications subject to change without notice.



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