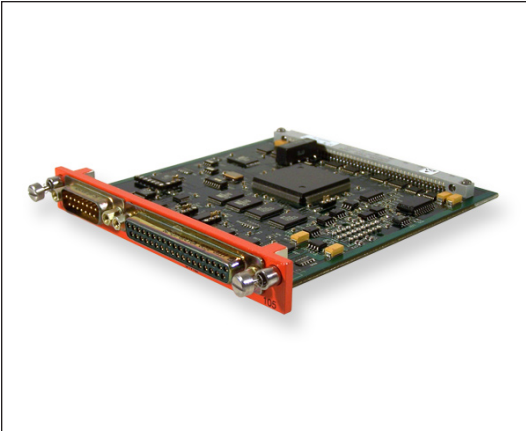


Master CAIS Interface Card for the CDAU-2010/12/16



Applications

- Stand-alone Data Acquisition
- Distributed Systems
- CAIS Applications

Features

- Overhead Master CAIS interface card for use in the designated CAIS Master CDAU-2010/12/16 unit
- RS232/422 interface port for format loading, programming remotes and data monitoring
- Works with the RCI-105 card to provide a CAIS-Bus port for communication with up to 60 Remote DAUs
- Contains an EEPROM format memory for up to 8 formats using "true sub-commutation"
- Has system-wide Calibration Support (3 types of CAL)
- Includes a premodulation filter
- Provides eight (8) PCM codes (including Viterbi Encoder) and clocks
- Provides the fundamental system sampling rate up to 5 Mbps or 417 KSPS
- Provides a wide array of instructions under format control
- Fully supported by TTCWare™ programming and setup software

Description

The MCI-105 card performs the PCM controller function within a CDAU-2010/12/16 for either a stand-alone data acquisition unit, or as a system-wide controller when configured as part of a distributed data acquisition system. The card contains all necessary control and sequence of channel sampling within the chassis as well as control over any external data acquisition remotes connected to the unit.

Revision 03/10/2009

MCI-105 Datasheet

©2009 Teletronics Technology Corporation
 Specifications subject to change without notice.



Teletronics Technology Corporation
 15 Terry Drive, Newtown, PA 18940
 phone: 267.352.2020 fax: 267.352.2021 Sales@ttcdas.com

www.ttcdas.com