

## Miniature System Control Unit for a Distributed Data Acquisition System



### Applications

- Stand alone data acquisition
- Distributed systems

### Features

- Miniature CAIS bus controller with optional expansion
- RS232/422 interface port for format loading, programming remotes, and data monitoring
- Contains format memory for up to 8 formats using true sub commutation
- Has system-wide calibration support (3 types of CAL)
- Provides eight (8) PCM codes (including Viterbi Encoder) and clocks
- Fifteen (15) user programmable differential outputs
- Provides the fundamental system sampling rate up to 5 Mbps
- Provides a wide array of instructions under format control
- Fully supported by TTCWare programming and setup software

### Description

The MSCU-2000 system performs the PCM controller functions as a system-wide controller when configured as part of a distributed data acquisition system. The module contains all necessary control and sequence of any external data acquisition remotes connected to the unit.

Revision 05/12/2015

### MSCU-2000 Datasheet

©2015 Teletronics - A Curtiss-Wright Company  
Specifications subject to change without notice.

Approved for Public Release 16-S-0913



CAIS  
Compatible



Management  
System  
AS9100C  
ISO 9001:2008

Teletronics - A Curtiss-Wright Company  
15 Terry Drive, Newtown, PA 18940  
phone: 267.352.2020 fax: 267.352.2021 Sales@ttcdas.com

[www.ttcdas.com](http://www.ttcdas.com)