

## Discrete Calibration Sequencer Module



### Applications

- Aircraft instrumentation
- Avionics
- Lab test

### Features

- Discrete Calibration Sequencer Module
- Six (6) states in the Calibration sequence
- Each State programmable from 1 to 10 seconds in .5 second increments
- States programmed with 0 seconds will be skipped
- CAL1, CAL2, CAL3 can be asserted in any combination in any of the 6 States
- CAL ACTIVE signal when Calibration Sequence is in Progress
- CAL Valid signal when the CAL bits are valid
- Can Trigger a Calibration Sequence with either a TTL Trigger Input or an ASCII Character or both
- Timestamps the start of every CAL ACTIVE Sequence
- Retrieves Status using an ASCII character “?”
- Serial communications programmable for Baud Rates of 9600, 38400 or 57600
- Returns “I” if idle or “1-6” (depending on what calibration State it is in) if performing a Calibration Sequence

### Description

The MDCS-100A-1 is a Discrete Calibration Sequencer Module for use in TTC's MEDAU/MCDAU/MnACQ/MWDAU-2000 series products. The module supports serial communications per the EIA-RS-232 standard at Baud Rates of 9600, 38400 or 57600.

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### MDCS-100A-1 Datasheet

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Specifications subject to change without notice.

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CAIS  
Compatible



Management  
System  
AS9100C  
ISO 9001:2008

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