

## Miniature Synchronous Data Link Control (SDLC) Interface



### Applications

- Recording SDLC Serial Data for Inclusion into PCM Output
- SDLC Data Monitor
- Real-time Analysis

### Features

- Accepts Differential or Single Ended SDLC Input Clock and Data
- Allows SDLC Data to be Embedded into PCM Output Stream
- 8K Total Word Storage (two ping-pong buffers 4K each)
- One Frame Buffer can be Read while other is being Filled
- Entire SDLC Frame Buffered before being place into PCM Data Stream.
- Selectable NRZ-L or NRZ-I coding
- Selectable Gap Character (0x7E Sync Flag or 0xFF Bus Idle)
- Selectable Input Clock Sample Edge
- User Programmable SDLC Packet Sync Character

### Description

The MSDI-102-x03 is a single channel Synchronous Data Link Control (SDLC) Interface Module for use in TTC's MEDAU-2000 or MCDAU-2000 series products. The module receives SDLC data for inclusion into the PCM output data. The user can select between Differential or Single Ended clock and data inputs, the SDLC data encoding format (NRZ-L or NRZ-I), enable or disable the SDLC Packet Counter into the saved SDLC frame, select the input clock sampling edge, select the SDLC gap character (0x7E sync character or 0xFF bus idle character), and select the programmable SDLC Frame Sync Character.

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### MSDI-102-x03 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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