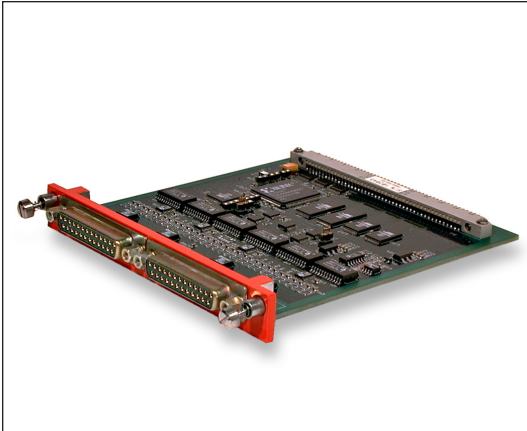


### 2-Channel Serial PCM Input Card



#### Applications

- Integrate PCM encoders from different vendors
- Integrate low rate and high rate systems

#### Features

- 2-channel serial PCM multiplexer/encoder card
- Accepts two (2) IRIG-106-96 serial data streams
- FIFO based architecture
- Encodes data as an asynchronous embedded format
- Uses EMPTY flags to support data recovery
- Accepts NRZ-L/RNRZ-L data and bit clock
- RS-422 or TTL inputs
- Compatible with EDAU/CDAU-20XX product families
- Microsoft Windows application software included

#### Description

The SDI-102 is a 2-channel serial data input card for use in TTC's EDAU-20XX or CDAU-20XX series products. The card can be used to integrate PCM Encoders from different vendors with the TTC EDAU/CDAU product lines. Each channel accepts either single-ended or RS-422 differential inputs (data and clock) at standard rates up to 2 Mbps on a per-channel basis. All incoming data is FIFO buffered on the card and is selectable by the user for transmission in the PCM output format as Class I PCM (standard fixed-position). The embedded PCM data's format is not synchronized with the EDAU/CDAU PCM format.

Revision 05/13/2015

#### SDI-102 Datasheet

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Approved for Public Release 16-S-1223



CAIS  
Compatible



Management  
System  
AS9100C  
ISO 9001:2008

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