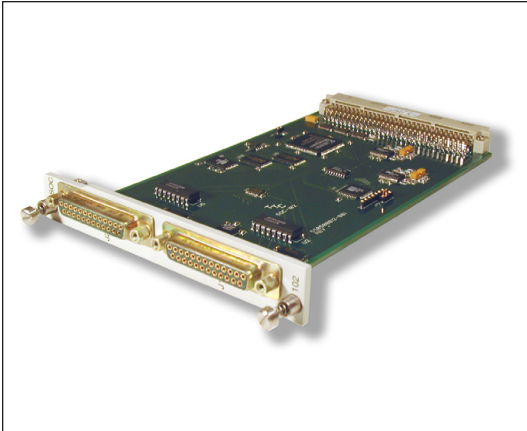


Dual PCM Output Card



Applications

- Ground-based reconstruction of multiplexed PCM stream(s)
- System Integration
- Embedded Asynchronous Data

Features

- Dual PCM Output Reproducer Card
- Plug-in card for the RMOR-2000 Rack Mount Output Reproducer
- Regenerates PCM data acquired by TTC's MARM-2000 Miniature Asynchronous Remote Multiplexer products
- Provides serial PCM and bit clock per IRIG-106
- Single ended TTL, RS-422 differential TTL, and single ended 50 ohm driver outputs are provided for each channel
- PCM output characteristics defined by the Source Data Module such as the MPCI-102 module:
 - Operation to 5 Mbps per channel
 - PCM output code settings same as originally recorded (NRZ-L or RNRZ-L)
 - PCM output format same as originally recorded including frame structure, sync words and data word placement
- Programmable using TTCWare™ software application

Description

The SOC-102 is a 2-channel PCM/Clock Output Card for use in TTC's Rack Mount Output Reproducer series products. Each card provides two independent channels, each of which provides PCM data and clock in differential, line driver and TTL formats. Maximum channel operating rate is up to 5 Mbps. Outputs can be used for real-time analysis, display or recording. The SOC-102 output channel characteristics are defined by the source channel data. SOC-102 output channel mapping is programmable using TTC's Windows 95/98/NT software application, called "Interleaver Setup Software" or ISS™.

Revision 05/11/2015

SOC-102 Datasheet

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CAIS
Compatible



Management
System
AS9100C
ISO 9001:2008

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