

Single Channel Radar Pulse Acquisition Bus Monitor Module



Applications

- Commercial Aircraft Instrumentation
- Avionics
- Lab Test

Features

- Radar Pulse Acquisition (RPA) bus monitor module
- MEDAU/MCDAU/MWDAU-2000 compatible
- Time tags the receipt of a valid message
- Supports High, Low and Micro time tag
- FIFO buffers incoming data
- Class II, PCM output port
- Microsoft Windows application software included

Description

The MRPA-101-1 is a single channel Radar Pulse Acquisition bus monitor module for use in TTC's MEDAU/MCDAU/MWDAU-2000 series products. The module receives data from an RPA system. The incoming data rate is 1uS. High time, Low time, and Micro time tagging are stamped on a per-message basis received from the RPA interface. All incoming RPA data is stored on the card in a FIFO and is programmable by the user for insertion in the PCM output format as "Class I PCM" (standard fixed-position). The module also includes a Class II, PCM Output port operating at a fixed 128 word, 16 BPW format.

Revision 05/12/2015

MRPA-101-1 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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