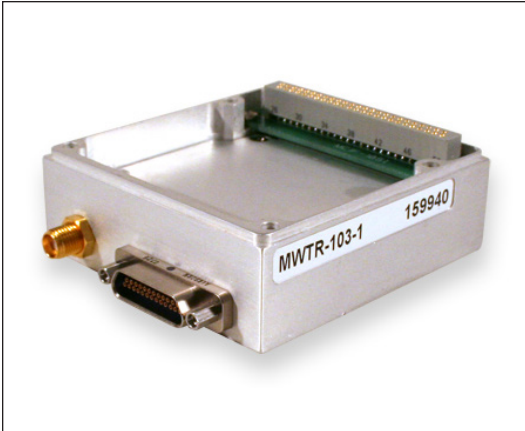


Miniature Wireless Transceiver



Applications

- Remote wireless data collection
- Remote wireless GPIO
- Flight test measurements

Features

- Bluetooth wireless controller module
 - For use with all TTC Bluetooth remote sensor modules
 - Requires an external antenna (ordered separately)
- Can be installed in any MCDAU form factor stack
 - Multiple MWTR-103 controllers allowed in a single stack

Description

The MWTR-103 miniature wireless transceiver module forms part of TTC's wireless signal conditioning product line. The MWTR-103 module is used to integrate wireless sensors into TTC's line of miniature distributed data acquisition units. The MWTR-103 collects remote sensor module data via a Bluetooth 2.0 radio link for insertion into the system PCM serial output data stream. When installed in a MCDAU/MEDAU/MWDAU stack, PCM data is acquired through overhead accesses, or via the differential PCM data and clock signals available on the front panel connector. When installed in a MARM stack, the front panel PCM signals are fed into an MPC1-102 module for insertion into the multiplexed PCM output. The remote sensor modules have two (2) discrete digital outputs whose state may be controlled by pins on the front panel (J2) connector of the MWTR-103 controller.

Revision 05/13/2015

MWTR-103 Datasheet

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Specifications subject to change without notice.

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