

Bluetooth-PCM Converter Board



Applications

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

Features

- Wireless transmission of PCM data
- PCM output data rate up to 400 kHz
- Line of sight transmission up to 10 meters
- Transmit power 0 dBm typical
- Receiver sensitivity -80 dBm typical
- Frequency 2.402 GHz to 2.480 GHz
- Bluetooth version 2.0, Class II
- Forward error correction
- Remote system configuration

Description

The BLT-101T is a Bluetooth – PCM converter board which forms part of TTC's wireless line of distributed data acquisition units. The BLT-101T-1 board communicates with the BLT-101R Bluetooth Interface board via Bluetooth wireless communication to transmit PCM data or provide the BLT-101T-1 stack overhead with configuration data.

In data mode the BLT-101T-1 receives PCM serial data from the master overhead board. The BLT-101T-1 will transmit this data via a Bluetooth wireless link to a BLT-101R-1.

In terminal mode the BLT-101T-1 will act as an intermediary to transmit all system responses sent by the stack overhead and receive all system commands from the BLT-101R. This mode will allow the user to load and verify files, changing data rates, bit rates, set up information, etc., for the system stack containing the BLT-101T-1.

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BLT-101T 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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