

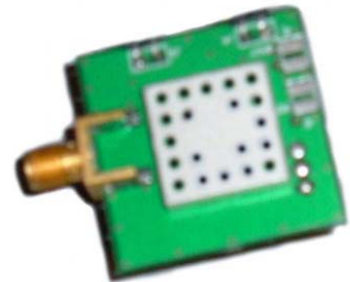
868MHz Transceiver Reference Design

Overview

The BBT-TRX-868-1 is low cost flexible 868MHz FSK Transceiver module with high output power and high receive sensitivity. The module can be dropped into your application with no design risk and reduced development cycles.

Features

- Ready to use low cost transceiver
- Designed to comply with ETSI EN300-220
- Small size 30mm x 30mm
- No tuning required
- Fully programmable
- Digital RSSI
- Fully Automatic Frequency Control
- High receiver sensitivity
- Few external components



Typical Applications

- Low cost wireless Data links
- Wireless Sensor Networks
- Wireless meter reading
- Keyless Entry

Specifications

- Frequency 862MHz to 870MHz
- Modulation FSK
- Data Rate up to 50Kbs
- Output Power programmable from -16dBm to +13dBm
- Receiver Sensitivity -110dBm
- Supply voltage range 2.3 to 3.6Volts
- TX current 28mA (+10dBm)
- RX current 19mA
- Module size 30mm x 30mm
- Temperature range -20°C to +70°C

To Order or get more details contact:

sales@benetel.com or phone us on +353 1 4100888 or browse our website at www.benetel.com

© Copyright 2005 Benetel Limited. All rights reserved. All other trademarks are the property of their prospective owners. DISCLAIMER: the information is provided "as is" without any express or implied warranty of any kind including warranties of merchantability, non-infringement of intellectual property, or fitness for any particular purpose. In no event shall Benetel Limited or its suppliers be liable for any damages whatsoever arising out of the use of or inability to use the materials, or to the products described therein, at any time without notice.

www.benetel.com