



VTech Group of Companies

NON-TECHNICAL DESCRIPTION OF THE UNIT AND ITS OPERATION:

The 900MHz transceiver is a fully synthesized, half-duplex low power 900 MHz transceiver for OEM wireless data communications applications. This transceiver is intended for low data rate peer to peer wireless links and wireless networking applications. It has been specifically designed for cost sensitive applications that do not require the overhead of onboard protocol processing. The system level functions of error detection, error correction, and network protocol processing are not handled by the transceiver and must be performed in the host system software.

The transceiver supports a standard RS-232C voltage level base-band serial interface. The transceiver requires externally supplied regulated 5 volt DC power and an antenna. It contains an internal voltage regulator that operates at a voltage level of 3.3 Volts. The transceiver operation is inhibited if the input voltage drops below 4.8 Volts.

The user can command the onboard microcontroller to change operating frequency to one of seven stored channels via the host interface.

VTech Wireless, Inc.