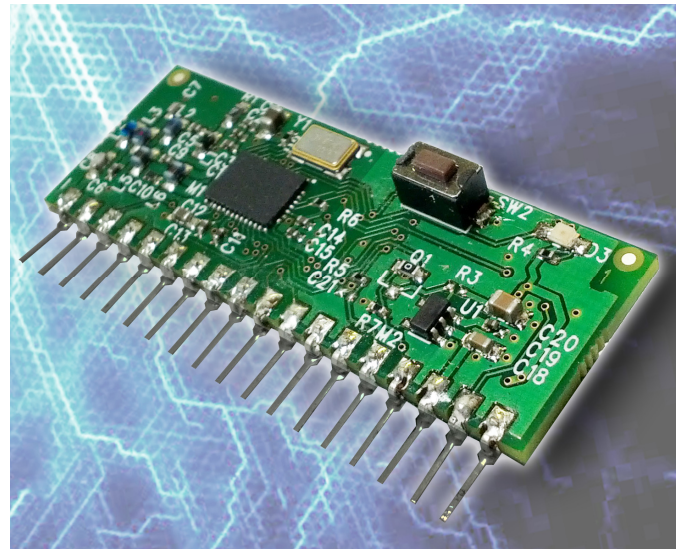


SmartRadio Telemetry Module

Features

- 8 Channel transceiver module
- Range up to 1,000 metres
- 8 Digital input/outputs
- Receiver outputs mirror transmitter inputs
- Minimal external components
- Secure data protocol
- Ultra low power 1.8—3.6V
- CE compliant for licence free use
- Easy pairing process
- One to one and one to many operation
- 869.5MHz operating frequency
- +13dBm transmit power



Applications

- Remote Control
- Remote Networking
- Remote Switching
- Remote Traffic Lights

The BRAVO-T telemetry module provides a reliable transceiver based industrial remote switch with up to 1,000 metres range. Two or more modules may be combined to provide a simple or complex network of radio switches.

Each module can be set to act as a 'transmitter' or 'receiver'. A telemetry system is achieved when two modules are paired together, as transmitter (BRAVO-Tx) and receiver (BRAVO-Rx).

Each time any input changes on the BRAVO-Tx, it will transmit the status of ALL inputs to the paired BRAVO-Rx(s). The BRAVO-Rx(s) will set their outputs to match the BRAVO-Tx inputs. After each state change the modules will return to sleep mode.