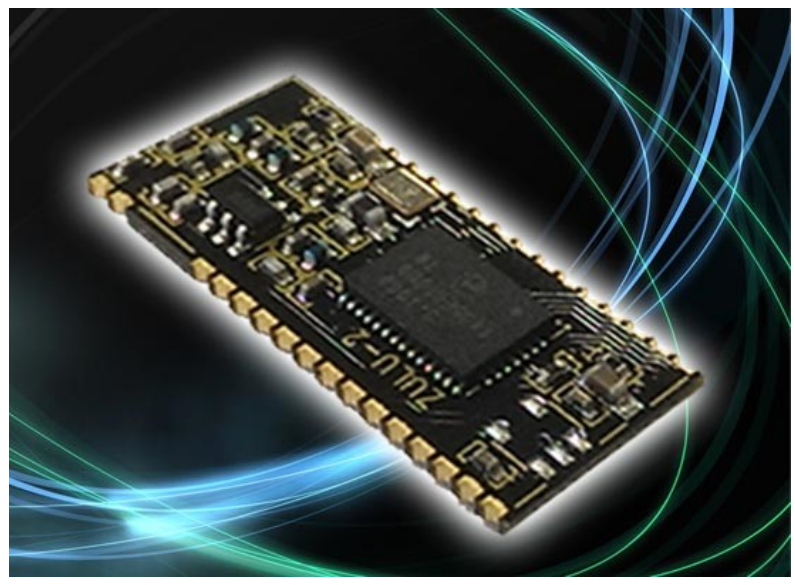


## ZULU-2 Radio MODEM Module

### Features

- Intelligent RF modem module
- Serial data interface with handshake
- Host data rates up to 57,600 baud
- RF Data Rates to 115Kbps
- **On-board XTAL**
- Range up to 2Km
- Minimal external components
- Direct LED drive shows data flow
- Secure data protocol
- Ultra low power 2.4 - 3.6V operation
- CE compliant for licence free use
- 868MHz multi channel operation
- 100mW transmit power (+20dBm)
- Receiver sensitivity -121dBm



### Applications

- Remote networking
- USB/RS232 cable replacement
- Remote data log
- Meter reading

### Description

The ZULU-2 modem module is a highly integrated RF modem and intelligent controller with simple interface. The ZULU-2 modem can achieve a wireless serial data link at up to 38K4bps over a 2Km range. Range may be further extended with suitable antenna. Now includes on board XTAL for simpler integration.

The user interface is standard RS232, operating at low voltage. All RF operation is automatically controlled (with error checking etc) so the ZULU-2 can be treated as a simple communications device. Possible applications include one-to-one and multi-node wireless links in applications including car and building security, EPOS, inventory tracking, remote industrial process monitoring and computer networking. Because of their small size and low power requirements these modules are ideal for use in portable, battery-powered applications such as hand-held terminals.

### Ordering Information

Part No	Description
ZULU2-M868	Radio modem module DIP package 868MHz
ZULU2-M868-SO	Radio modem module SMT package 868MHz