

RS232 radio modem board **MB-STD-RS232**

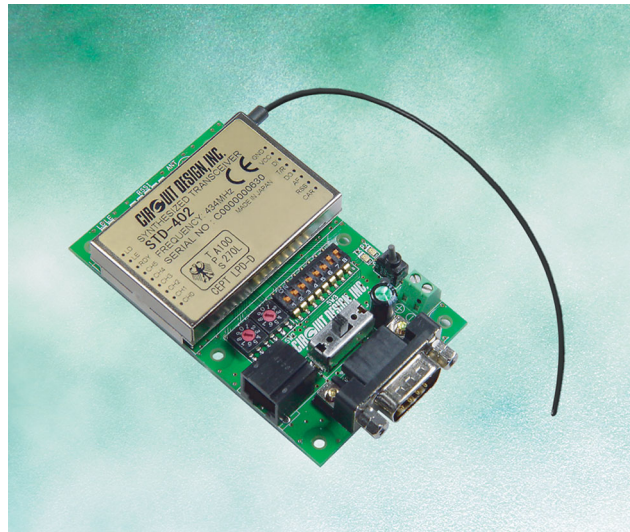
The MB-STD-RS232 is a bi-directional half duplex radio modem having RS232C serial interface. It uses Circuit Design's standard 434MHz FM Narrow Band Transceiver Module STD-402TR for RF part. The PF part complies with the European radio, EMC and safety requirements and has been notified in major European countries under the R&TTE directive. The MB-STD-RS232 provides long range data link at low/medium data rate for various industrial telemetry and data transfer applications.

Features

- RS232C communication
- Frequency Fix/Auto selectable
- D-SUB connector
- Switch for cross/straight cable

Applications

- Serial data transmission (RS-232C)
- Telemeter (FA line, sensor information)
- Interface between PC and peripherals



General

Item	Specification	Remark
Switch	Power On/Off, CH setting, Cross/straight	
LED display	Power On/Off, TX/RX, RSSI	
Operating voltage	4-9V	
Dimensions	85mm x 53mm x 15mm	

RF part

Item	Specification	Remark
RF module	STD-402 (434MHz)	
Frequency	433.2 - 434.775MHz	
RF channel	64ch	
Channel switch	Fix/Auto selectable (8 groups x 8ch)	
Modulation	FSK(F1D)	
Data rate	9600bps	
RF output power	10mW	

RS-232C part

Item	Specifications	Remarks
Connector	D-SUB 9P	Option: Modular 6pin
Data rate	1,200/2,400/4,800/9,600bps	
Data length	8 bit	
Parity	Yes/ No	
Data formats	Asynchronous (UART)	
Flow control	RS/CS	
Data buffer	TX 2KB, RX 2KB	

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