2.4GHz RF module - RF2500SE



Produktkode: 263aa
Tilgjengelighet: 2
Weight: 20.00g
Custom Field 5 (Location): H 2

Pris: kr. 160,00

Kort beskrivelse
Wireless RF Transceiver 2.4G Module SMA Antenna CC2500 Board 2400-2483.5MHz ISM

Beskrivelse

Item description:

Specifications:

Operating voltage: 1.8V ~ 3.6V, recommend close to 3.6V, but not more than 3.6V (recommended 3.3V);

Work on the 2400-2483.5MHz ISM band and SRD;

The maximum operating rate of 500kbps, support for 2-FSK, GFSK and MSK modulation;

High sensitivity (1.2Kbps under-110dBm, 1% packet error rate);

The built-in hardware-to-multipoint communication CRC error detection, and address

control;

A lower current consumption,TX: 21.2mA at 0dBm, RX: 13.3mA at 250kbps;

Programmable control of output power, the max output rate is 0 dBm, the lowest -10dBm can be set from 1.2kbps to 500kbps;

RTC wake-up functionality to support low-power electromagnetic activation, wireless wake-up low-power sleep state of the equipment

Support the transmission channel before the auto-clean-up visits (CCA), the Carrier Sense System

Fast frequency changes brought about by a suitable synthesizer frequency hopping systems

module can be software-based address, software programming is very convenient

Standard DIP spacing (2.54mm pitch) interfaces for embedded applications

Separate 64-byte RX and TX data FIFO

Transmission Distance: open to the actual transmission distance 50-100 meters (depending on the specific situation of the environment and communication baud rate settings, etc. may be)

Module Size: 24mm * 15mm, Antenna length :45mm, (The antenna cannot be full directional , it is only 180 degree) ;

Produktgalleri



