



RF Transceiver NRF24L01

This module uses the newest 2.4GHz transceiver and based on Nordic nRF24L01, highly integrated, ultra low power (ULP) 2Mbps RF transceiver for the 2.4GHz ISM (Industrial, Scientific and Medical) band. Nordic nRF24L01+ integrates a complete 2.4GHz RF transceiver, RF synthesizer, and baseband logic including the Enhanced ShockBurst™ hardware protocol accelerator supporting a high-speed SPI interface for the application controller

Features :

- On-board 3.3V LDO Regulator (3.3 to 7V supply allowed)
- On-board ceramic 2.4GHz Antenna
- 100m Range at 250kbps
- 250kbps to 2Mbit Data Rate
- Auto Acknowledge
- Auto Re-Transmit
- Multiceiver – 6 Data Pipes
- 32 Byte separate TX and RX FIFOs
- 5V tolerant input pins
- (Software selectable channel from 2400MHz to 2525MHz (125 Selectable channels
- Minimum number of external components
- Pins broken out : VCC, CE, CSN, SCK, MOSI, MISO, IRQ, GND

قطعة اتصال لاسلكي يتم تركيبها مع المشاريع الالكترونية التي تحتاج لاتصال بتقنية واي فاي ، حيث تستخدم جهاز ارسال واستقبال
بتردد 2.4GHZ