



Mini NRF24L01 Wireless Module 2.4G Wireless Transceiver Module Power Enhanced Version

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SKU: 3DWD23YBDSC55

Price: 45.00 DH

Stock: instock

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Product Description

The NRF24L01 is a single-chip transceiver chip operating in the 2.4-2.5GHz world-wide ISM band. The wireless transceiver includes: frequency generator enhanced ShockBurst™ mode controller power amplifier crystal amplifier modulator demodulator output power channel selection and protocol. The setting can be set to very low current consumption through the SPI interface. When the transmitting power is 6dBm in the transmitting mode, the current consumption is 9.0mA. The receiving mode is 12.3mA in the power-down mode and the standby mode is lower in the current consumption mode.

Features:

1. Low working voltage: 1.9~3.6V low voltage operation
2. High rate: 2Mbps, because the air transmission time is very short, the collision phenomenon in wireless transmission is greatly reduced (software sets the air transmission rate of 1Mbps or 2Mbps)
3. Multi-frequency point: 125 frequency points, meeting the needs of multi-point communication and frequency hopping communication
4. Ultra-small: built-in 2.4GHz antenna, small size, 15x29mm (including antenna)
5. Low power consumption: When operating in the answer mode communication, fast air transmission and startup time greatly reduce current consumption.
6. Low application cost: NRF24L01 integrates all high-speed signal processing parts related to RF protocol, such as: automatic retransmission of lost data packets and automatic generation of response signals, etc. The SPI interface of NRF24L01 can be connected with the hardware SPI port of the microcontroller or with a single-chip microcomputer. The I/O port is simulated, and the internal FIFO can interface with various high and low speed microprocessors, which is

convenient for using low-cost single-chip microcomputers.

7. Easy to develop: Since the link layer is fully integrated on the module, it is very easy to develop.

Package Included:

1 x Mini NRF24L01 2.4G Wireless Transceiver Module
