

NRF51822-02 BLUETOOTH MODULE



NRF51822-02 BLE4.0 Low Power Bluetooth Data Transmission Slave Module

Description :

NRF51822-02 module is a data transmission module, the Nordic BLE company Bluetooth MCU integrated SOC chip nRF51822-QA, the internal integration of the underlying low-power Bluetooth 4.0 standard protocol, module interface is the standard UART interface, Built-in fast interrupt output, when the module receives data from a pair of Bluetooth transmission, it outputs a high level signal, which is used to inform the external device, at the same time, the module is equipped with hardware. make enable foot, In the absence of data transfer, can be set to stand up, turn off the serial data transmission function, thereby reducing system power consumption.

Feature:

low power BLE4.0 Bluetooth single mode chip;

integration of the standard BLE4.0 protocol stack;

Standard UART (TTL) interface, can be directly connected to the external MCU serial or serial port;

9600 or 38400 optional hardware serial baud rate, the default is 9600;

fast interrupt output;

hardware allow control;

operating distance: 0 ~ 20m, class II;

supply voltage: 3.3 V;

the module comes with an antenna PCB, and can also use the external antenna;

module size: 16.5 * 28.8mm.

