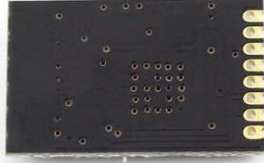


2.4GHz Bluetooth Low Energy 4.0 module-4dB V-13051

SKU: 317030016



(images/product/317030016 1_01.jpg)



(https://www.kickstarter.com/projects/seeed/wio-link-3-steps-5-minutes-build-your-iot-applicat/description?ref=banner_depot)

Description

V-13051 is a high integration small size Bluetooth 4.0 module.

Features

1. This module is based on low energy bluetooth4.0 chip NRF51822.support BLE4.0 mode and private mode.
2. ARM Cortex-M0 32 core 128K Flash 16K RAM
3. 128bit AES hardware encryption, ,with a 1dB resolution RSSI,10bit ADC I2C UART SPI WDT RTC PPI
4. Small size 12mm*19mm*2mm,pin space 1.27mm,can be used as embedded wireless development platform
- 5.Widely used as Bluetooth,serial port, remote control, wireless meter reading, industrial data collection, heart rate ,ANCS, keyboard and HID device, etc

Specification

Work Frequency	2400MHZ-2483MHZ	
Work Voltage	1.8-3.6V	
Maximum power	+4dBm	
Transmission rate	250/1000/2000kbps	
TX current	10mA	
RX current	13mA	
MCU work current	4.4mA@16MHZ@3v	自Flash运行
MCU work current	2.4mA@16MHZ@3v	自RAM 运行
MCU idle mode	2.3uA@3V ON mode,all block idle	
MCU close mode	420uA@3v OFF mode	
sensitivity	-96dBm@250kbps	0.1%BER

Overview



(<http://www.seeedstudio.com/depot/Shenzhen-2U-t-11.html?ref=pinfo>)

(<http://www.seeedstudio.com/depot/Others-m-24.html?ref=pinfo>)

Weight: 2 g

Designer: Others
Other Products From
This Designer