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(images/product/317030017 1.jpg)

2.4GHz Bluetooth Low Energy 4.0 module-4dB V-14001

SKU: 317030017

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

Description

V-14001 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	250K/1M/2Mbps	
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)   Designer: Others

Other Products
From This Designer (http://www.seeedstudio.com/depot/Others-m-24.html?ref=pinfo)
Weight: 3 g