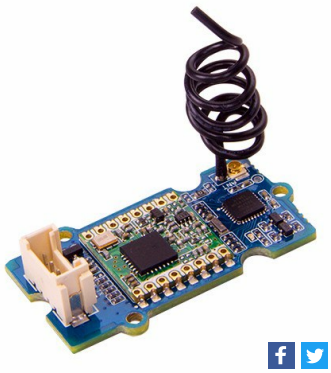


Grove - LoRa Radio 433MHz

SKU 113060007

- Using RFM95 module based on SX1276 LoRa®
- Inputting voltage：5V/3.3V
- ~28mA(Avg) @+20dBm continuous transmit
- ~8.4mA(Avg)@standby mode
- ~20mA(Avg) @receive mode, BW-500kHz

IN STOCK 15 Available

Qty: 1

ADD TO CART

Description

Grove is a very powerful platform developed by Seeed Studio to simplify your IoT projects.We have integrated the grove connector to most boards produced by Seeed to make them become a system. This time, we combined Grove with LoRa to provide an ultra-long-range wireless module for you.

The main functional module in Grove - LoRa Radio 433MHz is **RFM98**, which is a transceiver features the LoRa long range modem that provides ultra-long range spread spectrum communication and high interference immunity whilst mini-missing current consumption. The heart of Grove - LoRa Radio 433MHz is ATmega168, a widely used chip with very high-performance and low power consumption, especially suitable for this grove module.

There we already integrated a simple wire antenna to receive signal, if the signal is too weak to receive, don't worry, the MHF connector next to the antenna is for adding a second antenna which has MHF interface to gain more signal.

This is the 433MHz version, which can be used for 433MHz communication. You can also find the version for 868MHz at Grove - LoRa Radio 868MHz.

Note:

- Please keep the antenna vertical to the board and as straight as possible to make the best performance.
- Please avoid making any big metal object near the antenna and a metal cape is also not recommended if you need to add a cape for your device.

Features

See More

Questions and Answers

Have a question about this? Ask people who own it.

Recommendations


Grove - LoRa Radio 868MHz


Base Shield V2


Grove - Sunlight Sensor


LiPo Rider Pro


LinkIt Smart 7688


Raspberry Pi LoRa/GPS HAT - support...


RF Explorer Near Field Antenna Kit


Grove - 4 pin Male Jumper to Grove 4...


Grove - Universal 4 Pin Buckled 20cm...

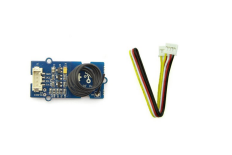

Grove - IR Distance Interrupter v1.2


Grove - BLE (dual model)

View History

RFbee V1.1 - Wireless arduino compatible node

ADD TO CART



Grove - Serial RF Pro

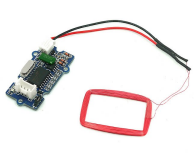
ADD TO CART

Grove - XBee Carrier

ADD TO CART

Grove - GPS

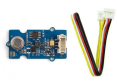
ADD TO CART



Grove - 125KHz RFID Reader

ADD TO CART

Grove - Loudness Sensor



Grove - Air quality sensor v1.3

Grove - Relay

Grove - Dust Sensor

Grove - 4 pin Female Jumper to Grove...

Grove - Universal 4 pin connector

Dragino LoRa Shield - support 433M...

SeeedStudio BeagleBone Green Wireless

Arduino Breakout for LinkIt Smart...

POPULAR SEARCHES

PCB Manufacturing | PCB Stencil | Arduino | XBee | Arduino Shield | Beaglebone Black | Raspberry Pi | Raspberry Pi Touchscreen | Linkit | Cubieboard | Beaglebone Cape | FPGA | LinkIt ONE | Crazyflie 2.0 | Raspberry Pi 3 Model B | RF Explorer | DSO Nano v3 | MediaTek X20 | HiKey Board | rplidar | raspberry pi relay | RPLIDAR A2

SHIPPING INFORMATION | KNOWLEDGE BASE | HELP CENTER

Seeed Info

Reach Us
Distributors
Designers
Careers
Site Map

Customer Service

Contact Us
Customer Support
Technical Support

Terms and Conditions

Order Information
Shipping Information
Payment Information
Warranty and Return
Terms of use
Privacy Policy

Stay Tuned

Subscribe to get the latest product releases, activities and tutorials from Seeed Studio.

email address >

PayPal VISA McAfee SECURE

Select Language

Contact Support