

Dragino LoRa Shield - support 433M frequency

SKU 113990194

- Compatible with Arduino Leonardo, Uno, Mega, DUE
- Frequency Band: 868 MHZ/433 MHZ ,Pre-configure
- Lora,long range transceiver on a Arduino shield
- External Antenna via I-Pex connector

IN STOCK 4 Available

Qty:

- 1 +

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Description

The Dragino LoRa Shield is a long range transceiver on a Arduino shield form factor and based on Open source library.The LoRa Shield allows the user to send data and reach extremely long ranges at low data-rates.It provides ultra-long range spread spectrum communication and high interference immunity whilst minimising current consumption.

The LoRa Shield based on RFM98W targets professional wireless sensor network applications such as irrigation systems, smart metering, smart cities, smartphone detection, building automation, and so on.

Using Hope RF’s patented LoRa™ modulation technique the LoRa Shield can achieve a sensitivity of over -148dBm using a low cost crystal and bill of materials. The high sensitivity combined with the integrated +20 dBm power amplifier yields industry leading link budget making it optimal for any application requiring range or robustness. LoRa™ also provides significant advantages in both blocking and selectivity over conventional modulation techniques, solving the traditional design compromise between range, interference immunity and energy consumption.

These devices also support high performance (G)FSK modes for systems including WMBus, IEEE802.15.4g. The LoRa Shield deliver exceptional phase noise, selectivity, receiver linearity and IIP3 for significantly lower current consumption than competing devices.

Features

- Compatible with 3.3v or 5v I/O Arduino Board.
- Frequency Band: 868 MHZ/433 MHZ (Pre-configure in factory)

See More

Questions and Answers

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



Recommendations

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Dragino LoRa Shield - support 868M...
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LinkIt Smart 7688 Duo
- 

Raspberry Pi LoRa/GPS HAT - support...
- 

LinkIt Smart 7688
- 

ESP-32S Wifi Bluetooth Combo Module
- 

KiwiSDR Board
- 

SeeedStudio BeagleBone Green Wireless
- 

Arduino Breakout for LinkIt Smart...
- 

Raspberry Pi 3 Model B
- 

KiwiSDR Kit
- 

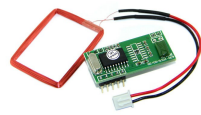
Ameba RTL8195 Arduino Wireless Board

View History



433Mhz RF link kit

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125Khz RFID module - UART

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2KM Long Range RF link kits with encoder and decoder

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315Mhz Wireless car key fob with key chain (battery included)

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Grove - 433MHz Simple RF link kit

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Wio Node



MDBT42Q - nRF52832 based BLE module



DSO Nano v3



SeeedStudio BeagleBone Green



Linkit ONE



Bus Pirate v3.6 universal serial bus (USB) to I2C, SPI, 1-Wire, and RS-485



Base Shield V2



Wio Link

Seeed Studio BeagleBone Green...

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