

SparkX Pro RF

A compact LoRa® enabled easy to use Arduino with excellent data transmission

Product Overview

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For the most up-to-date information, visit www.mouser.com or the supplier's website.

Description

SparkFun SparkX Pro RF is a compact LoRa® enabled easy to use Arduino with excellent point-to-point data transmission in the 915MHz ISM band. This Pro RF board features a LiPo connector, an on/off slide switch, an onboard LiPo charger, a 2-pin JST connector, and Qwiic connector. The Qwiic connector is present on the edge of the board that making it easy to add actuators and sensors.

The SparkX Pro RF board consists of the long-range RFM95W LoRa-enabled radio which gives the Pro RF access to DIO pins when a few jumpers are closed. Access to the DIO pins is necessary for the Pro RF board to be used in the LoRaWAN mode.



Features

- Long-range RFM95W LoRa-enabled radio
- Data transmission in the 915MHz ISM band
- Operates in LoRaWAN mode
- LiPo connector
- Onboard LiPo charger
- Programs over a reinforced microB connector
- 2-pin JST connector
- Ground connection for every pin



Additional Resources

- [Schematic](#)
- [RFM95W Module Datasheet](#)

SparkX Products

SparkFun SparkX Products are rapidly produced to bring you the most cutting edge technology as it becomes available. These products are tested but come with no guarantees. SparkFun does not offer live technical support for SparkX products.

Mouser Part Number

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To learn more, visit <https://www.mouser.com/new/sparkfun/sparkfun-sparkx-pro-rf-lora-board/>