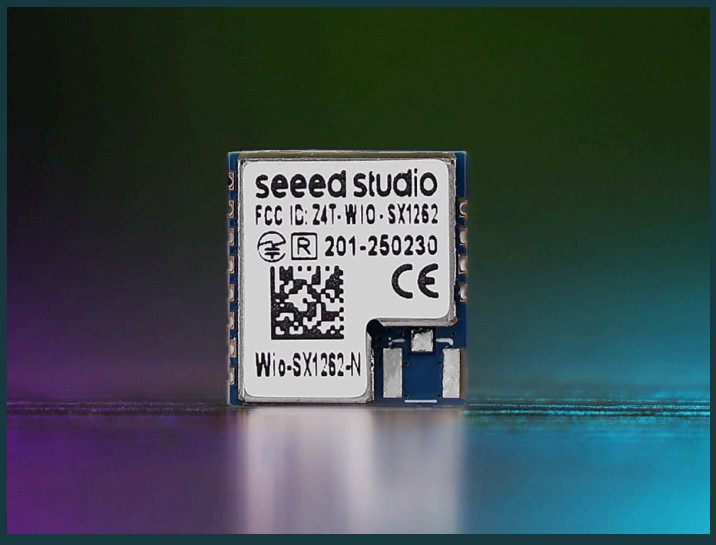
seeed studio

INDUSTRIAL PRODUCT DATASHEET

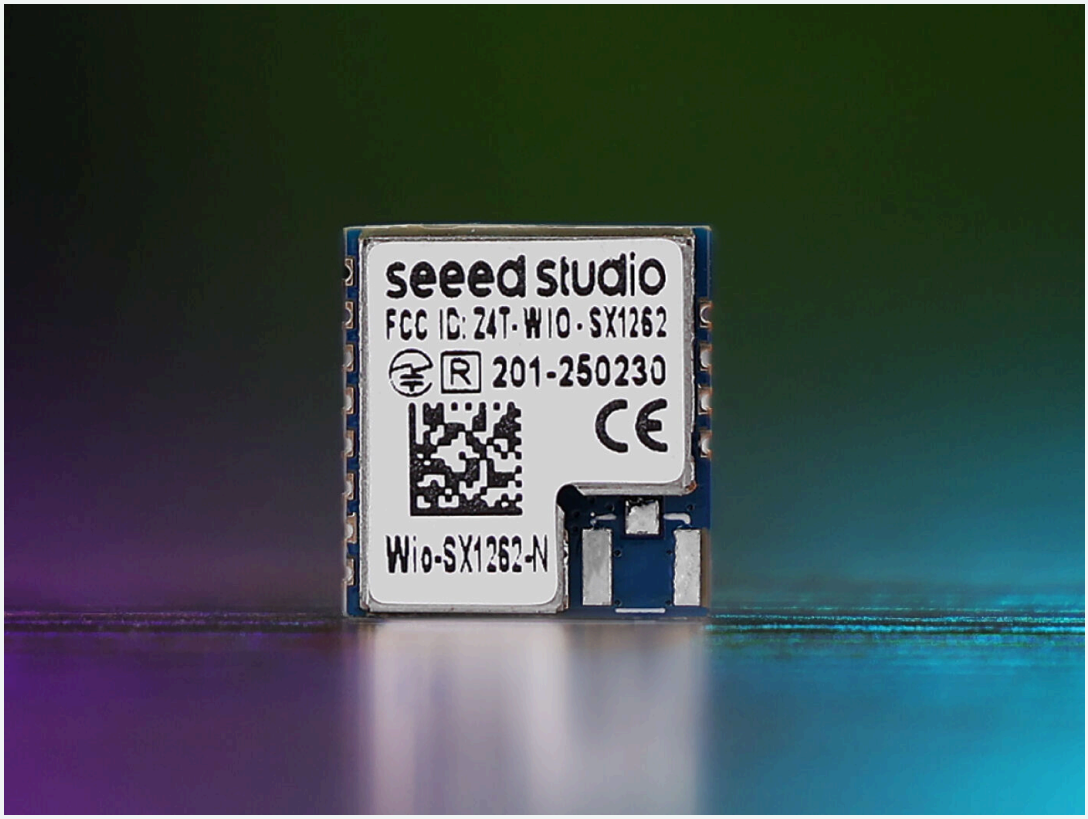
Wio-SX1262 LoRa Wireless Module without IPEX (Tape Reel), SX1262 embedded, supports LoRa&LoRaWAN on EU868 & US915

The Wio-SX1262 is a LoRa wireless module based on the Semtech SX1262 chip, supporting LoRa & LoRaWAN frequencies from 868 to 915 MHz.

SKU	UPDATED	PRICE
113991436	2026-11-11 09:18:29	$4.29(Excl. VAT)



Overview



The Wio-SX1262 is a LoRa wireless module based on the Semtech SX1262 chip, supporting LoRa & LoRaWAN frequencies from 868 to 915 MHz. Its SMT-packaged RF pins provides direct pin-out interfaces for PCB antenna integration. Combined with high-quality components like the TCXO, it ensures stable operation even under harsh conditions. Suitable for industrial, agricultural, smart home, and other long-range, low-power applications.

Key Features

01 **Go from Module Selection to a Working Project**

02 **See Modules, Resources, and Real Projects →**

03 **High Performance**

The transmit power up to 22dBm @868/930MHz; -136.73dBm sensitivity for SF12 with 125KHz BW.

04 **Wireless Connectivity**

SPI interface, supports 862~930MHz global LoRa&LoRaWAN frequency plan.

05 **Small Size**

6mm X 11mm * 2.95mm @12 pins SMT.

06 **Low Power Consumption**

1.62uA sleep current .

07 **RF Interface**

SMT Pin.

08 **FCC ID, CE, RoHS, TELEC Certified**

09 **The Wio-SX1262 and Wio-E5 are both perfect choices for designing LoRa devices. Their main differences lie in whether you have a host MCU**

10 **If you already have an MCU, such as an nRF52840 or ESP32, and you just need to add LoRa functionality, you can choose the Wio-SX1262.**

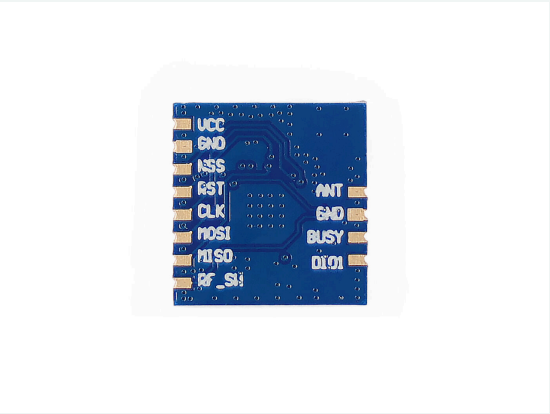
11 **the Wio-SX1262 series now includes the Wio-SX1262-N , which does not have an IPEX connector but instead uses SMT packaging to route the antenna from the PIN pins to an onboard antenna.**

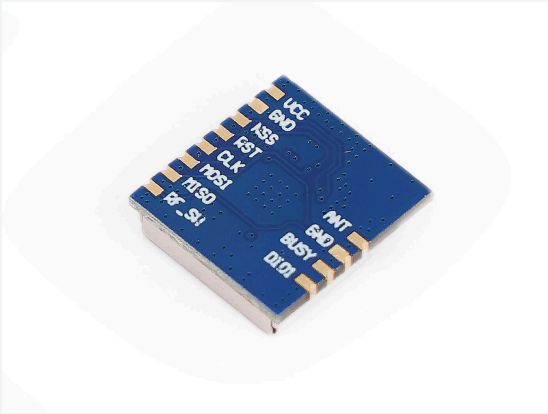
12 **If you need a single MCU to complete your design, then the Wio-E5 is an excellent choice.**

Product Gallery











Hardware Overview



Applications

- **The Wio-SX1262 and Wio-E5 can be used for the same applications, with the primary differences being the device control solutions and cost options. Thus, past cases involving the Wio-E5 can serve as useful references.**
- **Solar-Powered Outdoor Air Quality Monitor transmits data over LoRaWAN with the help of Seeed Fusion**
- **Low-Power Snow Depth Sensor Monitoring for IoT Smart City Based On Wio-E5 Applied in Norway:** Former Ph.D Researcher At OSU Developed Stream Runoff Monitoring Sensors Using Wio-E5 to Measure The Temperature, Quality and Flow
- **Monitoring Indoor Air Pollutants – The Silent Issue for Smart City IoT using Seeed Wio-E5 and Fusion PCB**
- **Voice Needed! Ready for a Wio-E5 &038; ESP32 Powered WiLoBlIno Device?**

Resource Links

- https://www.seeedstudio.com/Wio-SX1262-Wireless-Module-without-IPEX-Tape-Reel-p-6417.html
- Wio-SX1262 Module Datasheet
- Semtech SX1262 Chip Datasheet
- Wio-SX1262 Module Kicad Library
- Wio-SX1262 Module 3D file

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