

seeed studio

INDUSTRIAL PRODUCT DATASHEET

Wio-SX1262 for XIAO

Compact plug-and-play LoRa module for XIAO, enabling long-range IoT across smart agriculture, industrial, and environmental applications.

SKU

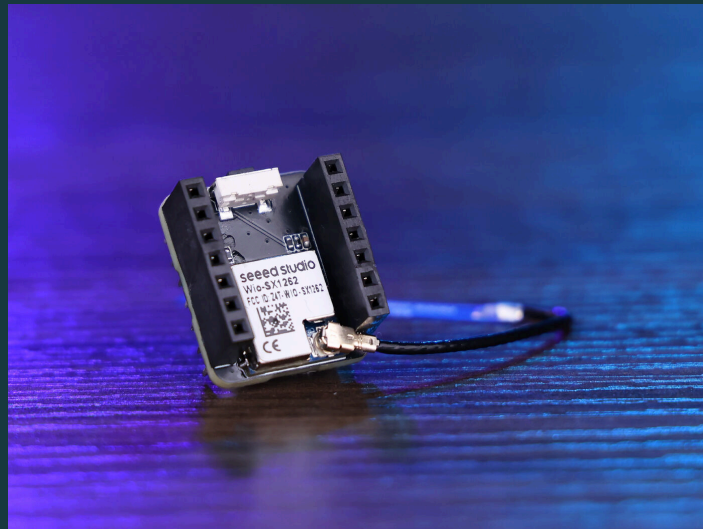
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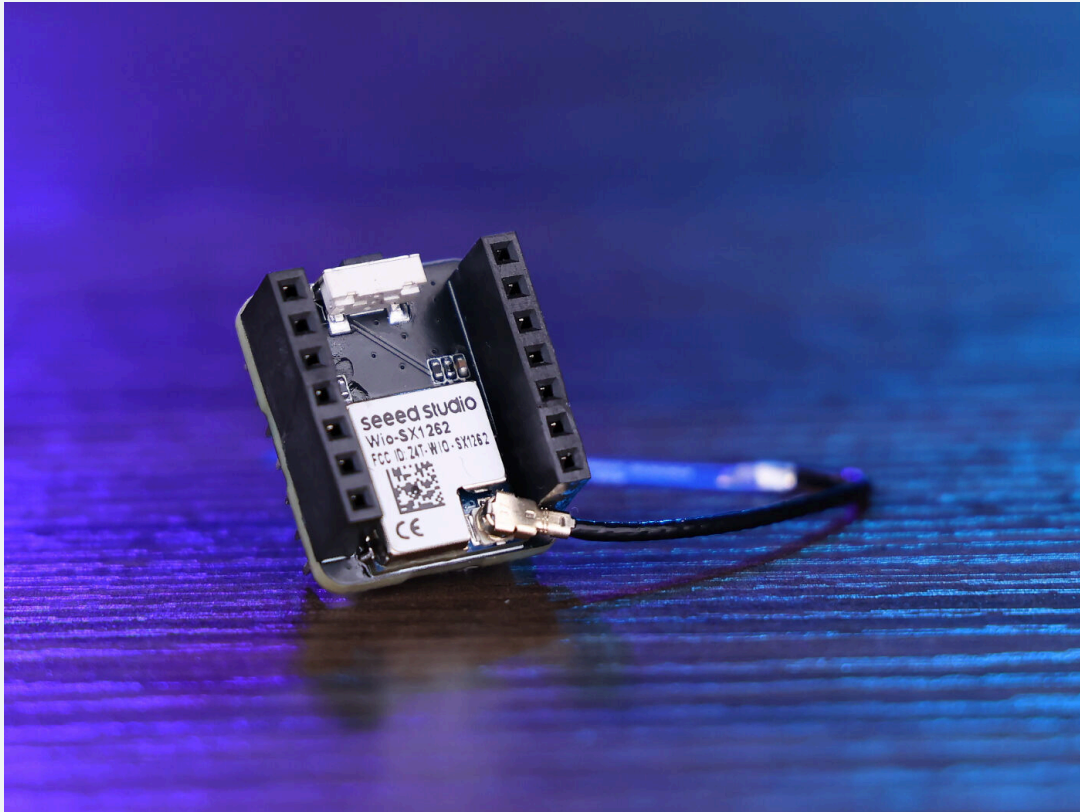
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PRICE

\$4.99(Excl. VAT)



Overview



The Wio-SX1262 for XIAO provides plug-and-play LoRa connectivity with Semtech SX1262 supporting 868/915 MHz, optimized for XIAO boards without soldering. Its compact, low-power design and rich development support enable long-range IoT in smart agriculture, industrial monitoring, and environmental sensing.

Key Features

- **Optimized for XIAO:** Pin headers for plug-and-play compatibility with XIAO boards, no soldering needed.
- **Powerful LoRa Performance:** Long-range LoRa on Semtech SX1262, supports 868/915 MHz bands.
- **Compact Size and Low Power Consumption:** Compact, low-power design fits space-limited devices.
- **Rich Development Support:** Provides detailed development documentation, example code, and tutorials to help developers get started quickly.
- **Versatile Applications:** Delivers high-performance LoRa communication capabilities, suitable for IoT sensor networks, and environmental monitoring.

30% off Wio-E5/Wio-SX1262/Wio-LR1121/Wio-WM1110 Project Sponsorship with Seeed Fusion PCBA

If you have an interesting concept for any of Wio-E5/Wio-SX1262/Wio-LR1121/Wio-WM1110 and are willing to share it, we can help you make it a reality with Seeed Fusion's one-stop-shop capabilities. Through our Fusion PCBA Sponsorship program, you can not only enjoy the lowest unit prices for Wio-E5/Wio-SX1262/Wio-LR1121/Wio-WM1110 modules from our Fusion Open Parts Library, but also fabricate and scale your PCBA designs at low cost (30% off) with FREE Design for Manufacturing consulting services, streamlining your journey from prototype to production. For more information, please click [here](#).

Product Gallery

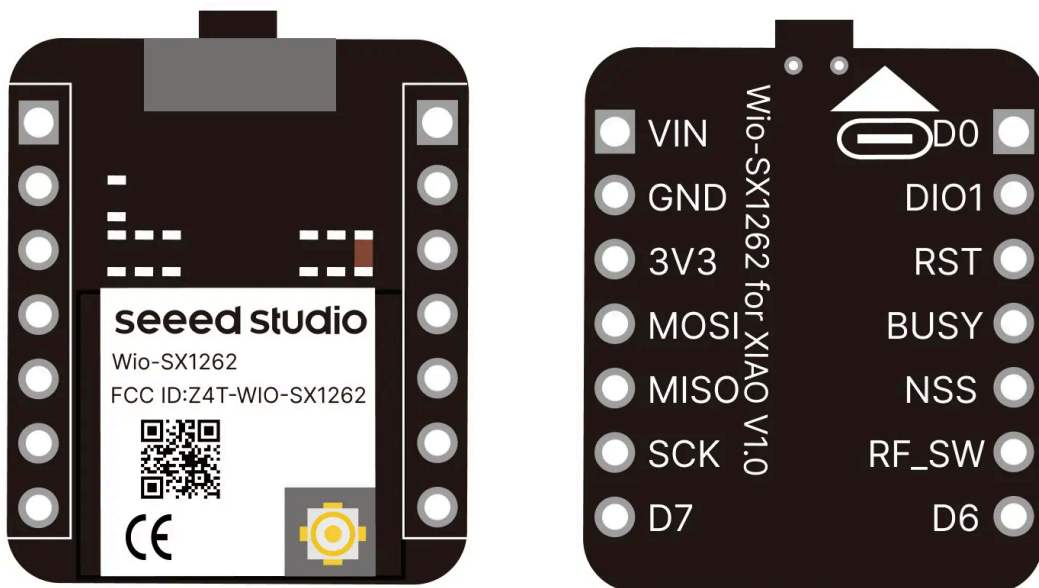


Specification

LoRa Chip	Semtech SX1262
Frequency	862-930MHz

Interface	Standard XIAO Pin Headers (compatible with XIAO series) • 1xSPI(connect to XIAO) • 1xUser button
Output Power	22dBm max @862-930MHz
Sleep Current	1.62 μ A
Dimensions	Stacks with XIAO boards, total height 21 mm.

Hardware Overview



Applications

- **Smart Agriculture:** Monitor soil moisture and temperature remotely.
- **Industrial IoT:** Collect and control data from industrial equipment.
- **Environmental Monitoring:** Track river levels and weather changes with low-power nodes.
- **Education and Open-Source:** Explore LoRa technology in educational projects.

Part List

Wio-SX1262 for XIAO	x1
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Compliance & Logistics



HSCODE	8517799000
USHSCODE	8517790000
UPC	
EUHSCODE	8517180000
COO	CHINA

FCC Requirement

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

15.21

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy.

If not installed and used in accordance with the instructions, it may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Resource Links

- <https://www.seeedstudio.com/Wio-SX1262-for-XIAO-p-6379.html>
- [Schematic Diagram Wio-SX1262 for XIAO](#)

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