HiLetgo ESP32 SX1262 LoRa Kit 863-928MHz Bluetooth 4.2+WiFi+LoRa

Listing details

Reference Number:	RF993721

Common

Price:	$ 27.99
Country:	United States
Description:	

HiLetgo ESP32 SX1262 LoRa Kit 863-928MHz Bluetooth 4.2+WiFi+LoRa LoRaWAN Wireless Communication Development Board with 0.49'' OLED Display 64M Bits Flash Works with Arduino IDE Type C

If you're an electronics enthusiast or a developer looking for a versatile wireless communication development board, the **HiLetgo ESP32 SX1262 LoRa Kit** might be just what you need. This feature-packed board offers a wide range of capabilities, making it suitable for various IoT (Internet of Things) and communication projects.

What is the HiLetgo ESP32 SX1262 LoRa Kit?

The HiLetgo ESP32 SX1262 LoRa Kit is a development board that combines the power of the ESP32 microcontroller with the SX1262 LoRa node chip. Here's a quick overview of its key features:

- **Dual-Core Processor**: The ESP32 is equipped with a dual-core 32-bit MCU (Microcontroller Unit) and a ULP (Ultra-Low-Power) core, providing both processing power and energy efficiency.

- **Wireless Communication**: This board supports a wide range of wireless communication standards, including Bluetooth 4.2, WiFi, and LoRa. It also comes with a dedicated 2.4GHz metal 3D antenna for improved signal reception.

- **0.49" OLED Display**: The built-in OLED display is a valuable addition, allowing you to showcase data and information without the need for an external display.

- **Lithium Battery Management**: The board features an SH1.25-2 battery interface and an integrated lithium battery management system. This system offers charge and discharge management, overcharge protection, and automatic switching between USB and battery power.

- **Versatile Interfaces**: With UART, SPI, I2C, I2S, and Mirco SD card interfaces, this board is highly adaptable for various projects.

- **Ample Flash Memory**: It comes with 64M Bits of flash memory, providing ample space for your programs and data.

Ideal for IoT and LoRaWAN Projects

The HiLetgo ESP32 SX1262 LoRa Kit is an excellent choice for IoT applications and LoRaWAN (Long Range Wide Area Network) projects. Its long-range communication capabilities, combined with WiFi and Bluetooth, make it a versatile platform for connecting and controlling devices remotely.

Whether you're a hobbyist experimenting with IoT or a professional developer working on LoRa-based solutions, this development board offers the features and flexibility you need to bring your ideas to life.

Get Your HiLetgo ESP32 SX1262 LoRa Kit on Amazon

You can find the HiLetgo ESP32 SX1262 LoRa Kit on Amazon, where it's currently available for purchase. With millions of items and fast delivery, Amazon makes it easy to get your hands on this innovative development board and start building your next project. Please note that product availability may vary, so be sure to check the Amazon listing for the most up-to-date information.

In conclusion, the HiLetgo ESP32 SX1262 LoRa Kit is a powerful and feature-rich development board that opens up a world of possibilities for wireless communication projects. Whether you're a beginner or an experienced developer, this board is worth considering for your next IoT or LoRaWAN endeavor.

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