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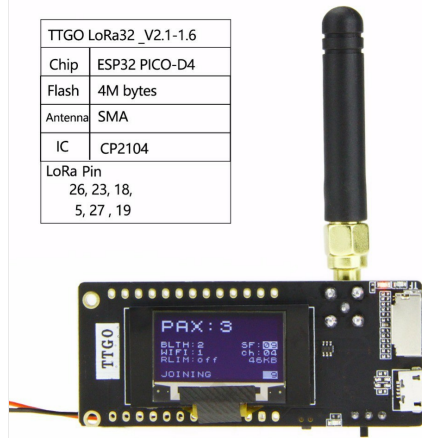
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TTGO LoRa32_V2.1-1.6	
Chip	ESP32 PICO-D4
Flash	4M bytes
Antenna	SMA
IC	CP2104
LoRa Pin	26, 23, 18, 5, 27, 19



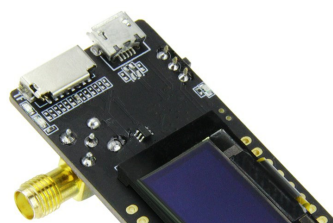
LILYGO® TTGO ESP32-Paxcounter
LoRa32 V2.1 1.6 Version
433/868/915MHZ LoRa ESP-32 OLED
0.96 Inch SD Card Bluetooth WIFI
Module

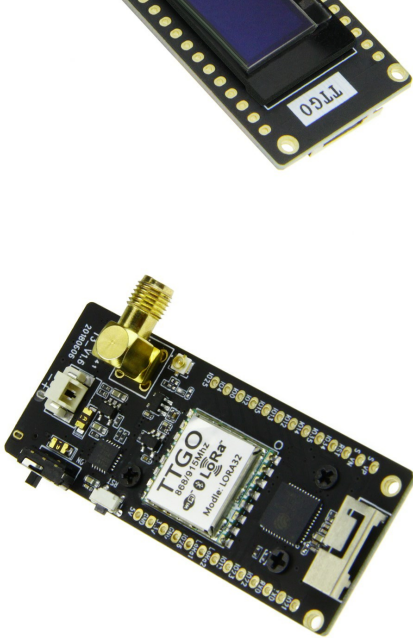
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OVERVIEW

LILYGO® TTGO ESP32-Paxcounter LoRa32 V2.1 1.6 Version 433/868/915MHZ LoRa ESP-32 OLED 0.96 Inch SD Card
Bluetooth WIFI Module





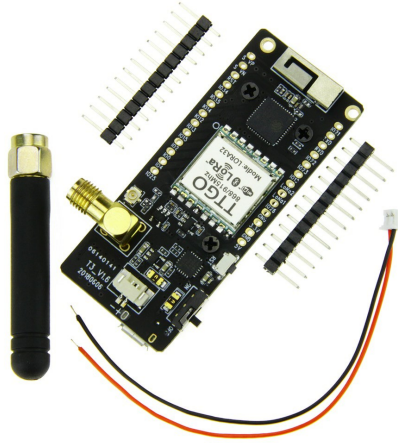
Product Description

Working voltage: 1.8-3.7v
Acceptable current: 10-14mA
Transmit current: 120mA@+20dBm
90mA@+17dBm
29mA@+13dBm
Operating frequency: 868M/915MHz
Transmit power: +20dBm
Receive sensitivity :-139dBm@LoRa & 62.5Khz&SF=12&146bps
-136dBm@LoRa & 125Khz&SF=12&293bps
-118dBm@LoRa & 125Khz&SF=6&9380bps
-123dBm@FSK&5Khz&1.2Kbps
Frequency error: +/-15KHz
FIFO space : 64Byte
Data rate : 1.2K-300Kbps@FSK
0.018K-37.5Kbps@LoRa
Modulation Mode : FSK,GFSK,MSK,GMSK,LoRa TM, OOK
Interface form : SPI
Sleep current : 0.2uA@SLEEP
1.5uA@IDLE
Operating temperature : -40°C- +85°C
Digital RSSI function
Automatic frequency correction
Automatic gain control
Fast wake-up and frequency hopping
Highly configurable data packet handler
SMA Antenna
TP4054

Paxcounter Testing:
<https://github.com/cyberman54/ESP32-Paxcounter>
LilyGO Data Link:
<https://github.com/LilyGO/ESP32-Paxcounter>
Data Download Link
<https://github.com/Xinyuan-LilyGo/TTGO-LoRa-Series>

TTGO LORA32 V1.0/ V2.0/ V2.1 1.6 Version			
	TTGO LORA32 V1.0	TTGO LORA32 V2.0	TTGO LORA32 V2.1 1.6
ESPchip	ESP32-D0WDQ6	ESP32 PICO-D4	ESP32 PICO-D4
flash	4M bytes	4M bytes	4M bytes
USB-TO-UART IC	CP2102	CP2104	CP2104
Antenna	3D Antenna	3D Antenna	3D Antenna
MicroSD Card Slot	NO	YES	YES
Battery powered switch	NO	YES	YES
Battery charging	YES	YES	YES
LORA Shielded cover	NO	YES	YES
Flash light	IO15	IO22	IO23
LORA antenna	IPX	IPX	SMA
LORA PIN	26, 14, 18, 5, 27, 19	26, 9, 18, 5, 27, 19	26, 23, 18, 5, 27, 19

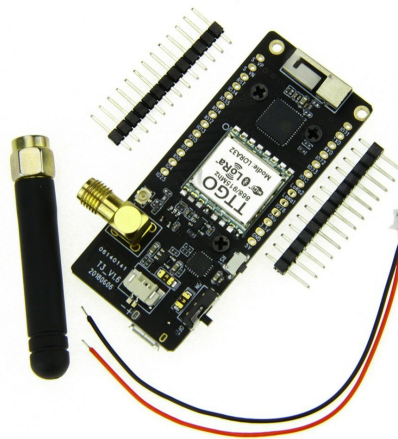
	LORA_1.5 version:	LORA_1.6 version:	
LED:	IO23	IO25	
LORA pin:	IO18=NSS/SEL	IO18=NSS/SEL	
	IO5=SCK	IO5=SCK	
	IO27=MOSI/SDI	IO27=MOSI/SDI	
	IO19=MISO/SDO	IO19=MISO/SDO	
	IO26=DI0/IO0	IO26=DI0/IO0	
	IO12=IRQ/RESET	IO23=IRQ/RESET	



(Notice: The shipping list does not include battery and SD card)

Shipping List

- 1 X TTGO LoRa32 V2.1 433/868/915 Module
- 2 X Pin
- 1 X Antenna
- 1 X Power Cable
- 1 X Free Box



AliExpress Open Source Project Donation Activities

How to participate in activities?

Send your project of LILYGO® product to email: sales@lilygo.cc.

If your project is selected, we will contact you.

IDEA

Rules of Activity:

We will upload a link of the selected project products on the Aliexpress Platform. Every customer buys a project product, one dollar of which will be donated to the project originator as the support of the open source project.

Basic Module Series

Lora Series

T-Watch Series

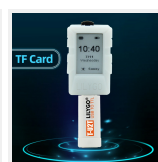
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e-Paper Series

Accessories Series

Module Kit Series

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LILYGO® T-Display-S3 ESP32...	LILYGO® TTGO T-Display Ke...	LILYGO® TTGO T5 V2.3.1_2.1...	LILYGO® Mini E-Paper Core 1.0...
	Hardware	LILYGO® TTGO T5 V2.3.1_2.13	Features:TheLILYGO Mini E-

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LCD/OLED
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