

LILYGO T-SIM7000G ESP32-WROVER-B Solar Charge SIM GPS Antenna CH9102F 16MB 2G/NB TTGO



Listing details

Reference Number: RF165589

Common

Price: \$ 52.50
Country: United States
Description:

LILYGO T-SIM7000G ESP32-WROVER-B Solar Charge SIM GPS Antenna CH9102F 16MB 2G/NB TTGO Development Board

Overview:

Brand	LILYGO
Series	CH9102F 16MB
Ram Memory Installed Size	16 MB
Connectivity Technology	Bluetooth, Wi-Fi, I2C
Wireless Type	Bluetooth, 802.11b

Features:

16MB Flash and 8M PSRAM

Peripheral Interfaces: I2C , SPI , UART , SDIO , I2S , CAN

Power and Battery:

- Solar charging IC for reduced power consumption and efficient solar panel utilization.
- Onboard indicator light for power status.
- Use of built-in battery pack or external battery pack with VBAT pin.

Software Features:

- FOTA (Firmware Over-The-Air) for easy firmware upgrades.
- Embedded AT commands for convenient communication.
- Power consumption levels: PSM(uA): 9, Sleep(mA): 1, Idle(mA): II.

Package Contents:

- T-SIM7000G development board.
- SIM and GPS antennas.
- Power cable and pins.

Technical Details:

- Brand: LILYGO.
- Series: CH9102F 16MB.
- Item model number: T-SIM7000G.
- Item Weight: 2.89 ounces.
- Package Dimensions: 6.14 x 4.8 x 1.5 inches.
- Manufacturer: LILYGO®.
- ASIN: B099RQ7BSR.

Note SIM7000G does not support a 4G network. Please ensure that the USIM card you use supports 2G(GSM)/NB-IOT access. Products with electrical plugs are designed for use in the US. Outlets and voltage differ internationally, and this product may require an adapter or converter for use in your destination. Please check compatibility before purchasing.

More information github.com/Xinyuan-LilyGO/LilyGO-T-SIM7000G

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