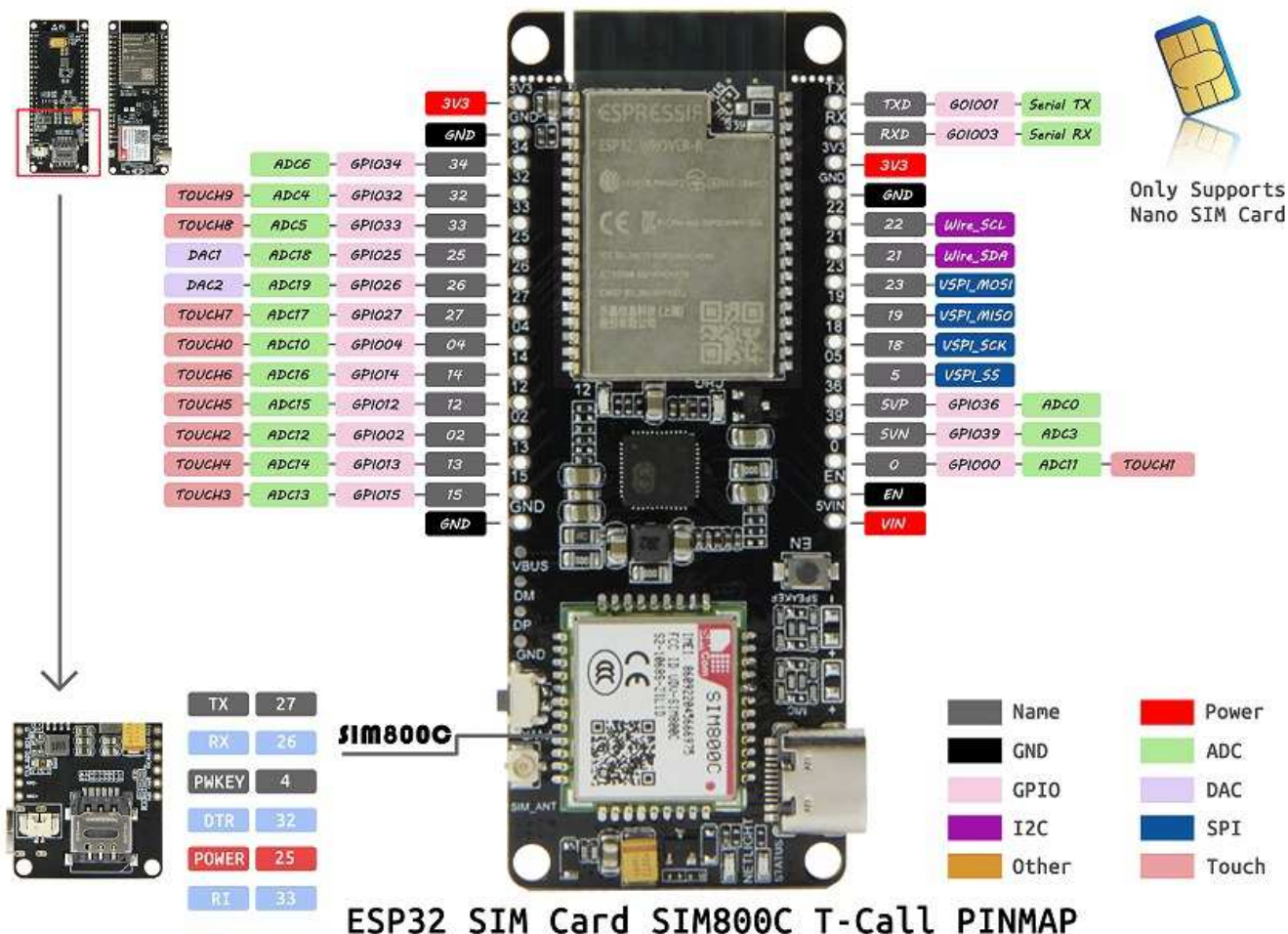




EN: This Datasheet is presented by the manufacturer.

Please visit our website for pricing and availability at www.hestore.hu.



Bluetooth

Protocol: meet bluetooth v4.2BR/EDR and BLE standard

Radio frequency with -97dBm sensitivity NZIF receiver Class-1, Class-2 & Class-3 emitter AFH Audio frequency CVSD & SBC audio frequency

Software specification

Wi-Fi Mode: Station/SoftAP/SoftAP+Station/P2P

Security mechanism: WPA/WPA2/WPA2-Enterprise/WPS

Encryption Type : AES/RSA/ECC/SHA

Firmware upgrade : UART download/OTA (Through network/host to download and write firmware)

Software Development : Support cloud server development /SDK for user firmware development

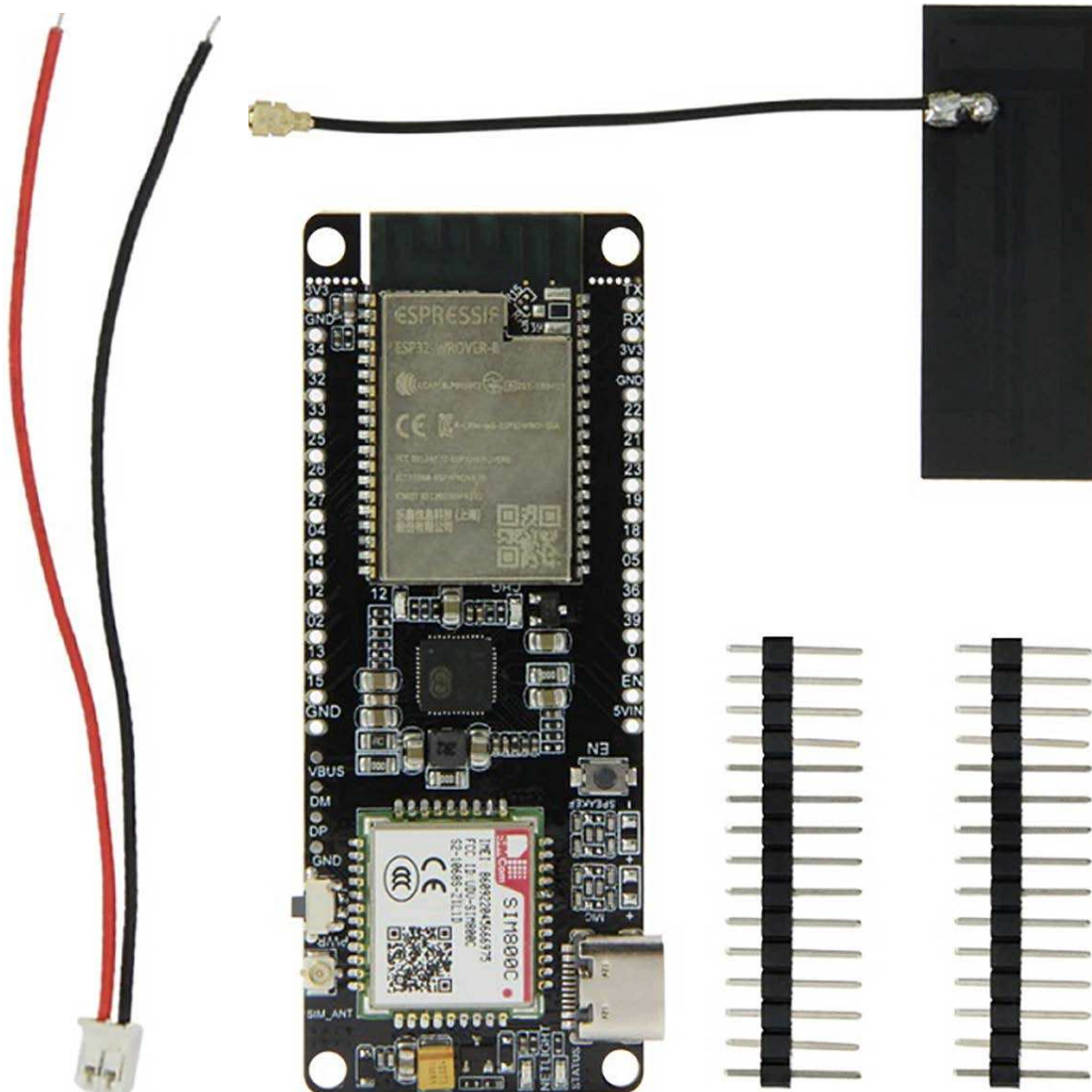
Networking protocol : IPv4, IPv6, SSL, TCP/UDP/HTTP/FTP/MQTT

User Configuration : AT + Instruction set, cloud server, android/iOS app

OS : FreeRTOS

More Information:

Link: <https://github.com/Xinyuan-LilyGO/LilyGo-T-Call-SIM800> (<https://github.com/Xinyuan-LilyGO/LilyGo-T-Call-SIM800>)



Specifications

Product	T-SIM800C	T-SIM800L
MCU	ESP32	ESP32
GSM/GPRS	SIM800C	SIM800L
SIM Card	✓	✓
ESP32		
Clock Speed	240Mhz	240Mhz
Flash	4MB	4MB
PSRAM	8MB	8MB
Wireless Connectivity	Wi-Fi: 802.11 b/g/n Bluetooth: v4.2 BR/EDR and BLE	
Peripheral Interfaces	I2C、SPI、UART、SDIO、I2S、CAN	
Comparison	SIM800C	SIM800L
Form Factor	LCC	LCC
GPRS multi-slot	class 12/10	class 12/10
Dimensions	17.6x15.7x2.3 mm	15.8*17.8*2.4 mm

Comparison		T-SIM800C	T-SIM800L
GSM	850Mhz	✓	✓
	900Mhz	✓	✓
	1800Mhz	✓	✓
	1900Mhz	✓	✓
·PBCCH ·PPP-stack ·USSD		✓	✓
Bluetooth 3.0		✓	
GPRS class 12		Uplink/Downlink up to 85.6Kbps	Uplink/Downlink up to 85.6Kbps
Speech Codec Modes		AMR/HR/FR/EFR	HR/FR/EFR
CSD			CSD up to 14.4 kbps
GNSS	BeiDou		
	GPS		
	Glomass		

