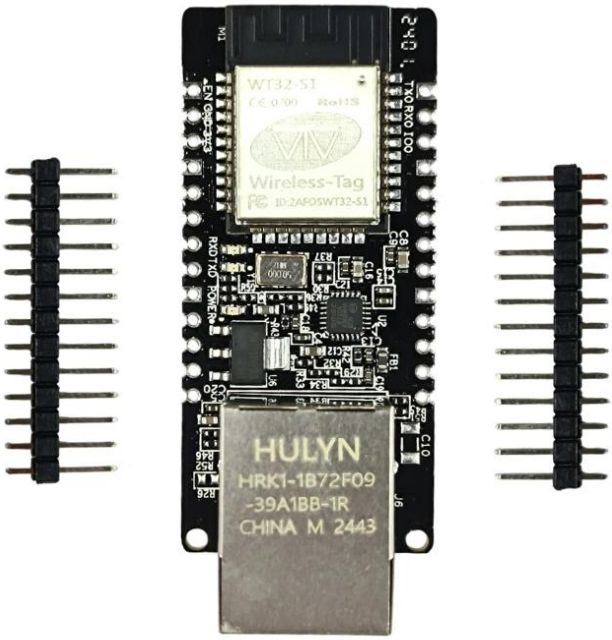
WT32-ETH01 V1.4
Serial To Ethernet Module



Description:

WT32-ETH01 is an embedded serial port to Ethernet module based on ESP32 series designed by Wireless-Tag. The module integrates an optimized TCP/IP protocol stack, making it easy for users to complete the networking of embedded devices, greatly reducing development time costs. In addition, the module is compatible with semi-welding pad and connector through-hole design, and the board width is a general width, so the module can be directly welded on the board, can also be welded to the connector, and can also be used on the bread board, which is convenient for users to use in different scenes.

ESP32 series IC is an integrated 2.4GHz Wi-Fi and Bluetooth dual-mode SOC, with ultra-high RF performance, stability, versatility and reliability, as well as ultra-low power consumption.

Features:

- Easy to use
- Easy to interface
- Good quality product
- Used for Home automation, Smart home control panel
- can also be used in Wearable electronics
- Network protocols : IPv4,TCP/UDP
- Software encryption: AES/RSA/ECC/SHA
- The product has passed FCC/CE/RoHS standard certification
- Wi-Fi Protocol : 802.11 b/g/n/e/i (802.11n, speed up to 150 Mbps); A-MPDU and A-MSDU aggregation, support 0.4_s guard interval
- Bluetooth Protocol: Compliant with Bluetooth v4.2 BR/EDR and BLE standards

Specifications:

Item Type	Bluetooth Module
Based On	ESP32 Based
Model No.	WT32-ETH01
Input Voltage (V)	5V, 3.3V
RAM Capacity	4 MB
Clock Speed	2.4 GHz
Hardware Interface	Bluetooth
Connector Type	Wi-Fi
Operating Temperature (°C)	-40°C -+85°C
Symbol Rate	80-5000000