



4.0 inch ESP32 module
ESP32-4848S043C_I_Y_1
ESP32-4848S043C_I_Y_3



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Product description

This LCD module uses ESP32-S3-WROOM-1 module as the main control, the main control is a dual-core MCU, integrated WI-FI and Bluetooth functions, the main frequency can reach 240MHz, 512KB SRAM, 384KB ROM, 8M PSRAM,Flash size is 16MB, The display resolution is 480*480, Capacitive touch. The module includes LCD display screen, backlight control circuit, touch screen control circuit . Reserve the TF card interface ,IO port interface, this module supports development in arduino IDE, ESP IDE, Micropython and Mixly.

Features

- 4.0-inch color screen, support 16 BIT RGB 65K color display, display rich colors
- 480X480 resolution
- The sample program has been programmed in the factory and can be plugged in
- With TF card slot for easy expansion storage
- Provide arduino library functions and sample programs to facilitate rapid secondary development
- Support one-click download program
- Military-grade process standards, long-term stable work



Product parameters

Name	Describe	Remark
Display color	RGB 65K color	
SKU	One way relay: ESP32-4848S040C_I_Y_1	
SKU	Three way relay: ESP32-4848S040C_I_Y_3	
Size	4.0 inch	
Type	TFT	
Driver chip	ST7701	
Resolution	480*480(Pixel)	
Effective display area	71.8*70.2(mm)	
Module size	86.5*86.5*37.8(mm)	
View	>60°	
Operating temperature	-20°C~70°C	
storage temperature	-30°C~80°C	
Operating Voltage	5V	
Power consumption	About 260mA	
Product weight	About 200g	



Interface Description





Product Size

