

5.0 inch ESP32 module ESP32-8048S050N/C



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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 800*480, without touch or 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

- •5.0-inch color screen, support 16 BIT RGB 65K color display, display rich colors
- ●800X480 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



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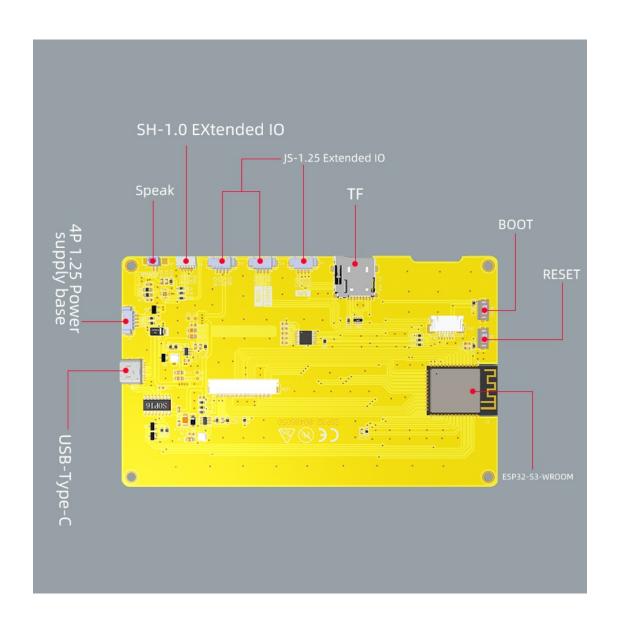
Product parameters

Name	Describe	Remark
Display color	RGB 65K color	
SKU	wituhout touch: ESP32-8048S050N	
SKU	Capacitance touch: ESP32-8048S050C	
Size	5.0 inch	
Туре	TFT	
Driver chip	St7262	
Resolution	800*480(Pixel)	
Effective display area	108.00* 64.80(mm)	
Module size	137.0*84.0(mm)	
View	IPS	
Operating temperature	-20℃~70℃	
storage temperature	-30℃~80℃	
Operating Voltage	5V	
Power consumption	About 320mA	
Product weight	About 150g	



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Interface Description





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