4.3 inch ESP32 module
ESP32-4827S043N/R/C
ESP32-8048S043C

List

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*272 or 800*480, resistive 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

●4.3-inch color screen, support 16 BIT RGB 65K color display, display rich colors

●480X272 resolution or 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
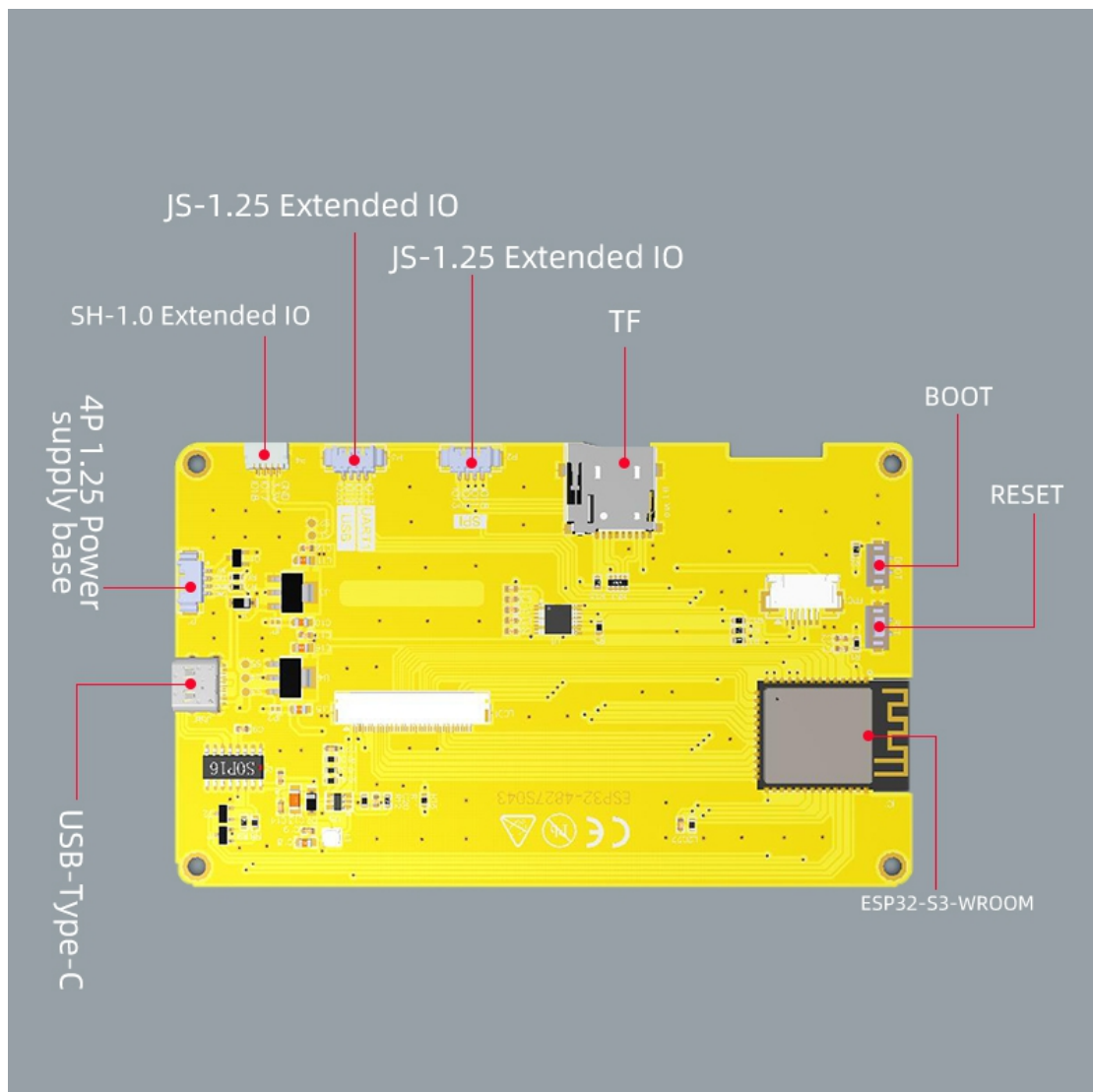
●Military-grade process standards, long-term stable work

Product parameters

Name	Describe	Remark
Display color	RGB 65K color	
SKU	Resistive touch：ESP32-4827S043N	
SKU	Resistive touch：ESP32-4827S043R	
SKU	Capacitive touch：ESP32-4827S043C	
SKU	Capacitive touch：ESP32-8048S043C	
Size	4.3 inch	
Type	TFT	
Driver chip	ILI9485	
Resolution	480*272(Pixel)	
Effective display area	95.04* 53.86(mm)	
Module size	105.5*74(mm)	
View	>60°	
Operating temperature	-20℃~70℃	
storage temperature	-30℃~80℃	
Operating Voltage	5V	
Power consumption	About 260mA	
Product weight	About 130g	

Interface Description

Product Size