ESP32-S3 3,5-tommers LCD-utviklingskort

Produktkode: 969aa
Tilgjengelighet: 1

Pris: kr. 470,00

Kort beskrivelse
ESP32-S3 3,5-tommers LCD-utviklingskort med mikrofon + tilhørende høyttaler, WiFi BT TFT-berøringsskjermmodul med USB-kabel for DIY-elektronikkprosjekt

Beskrivelse

Manual


MIC
3.5″



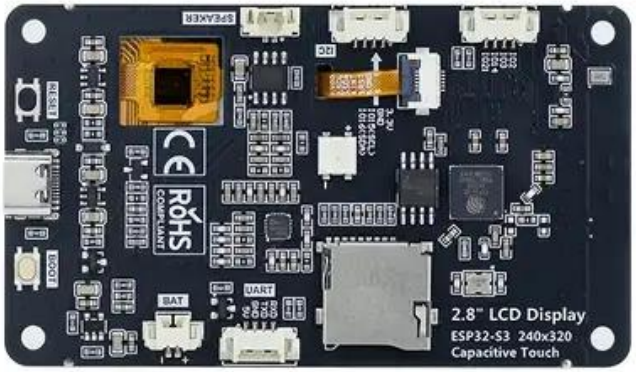




Front View



Back View

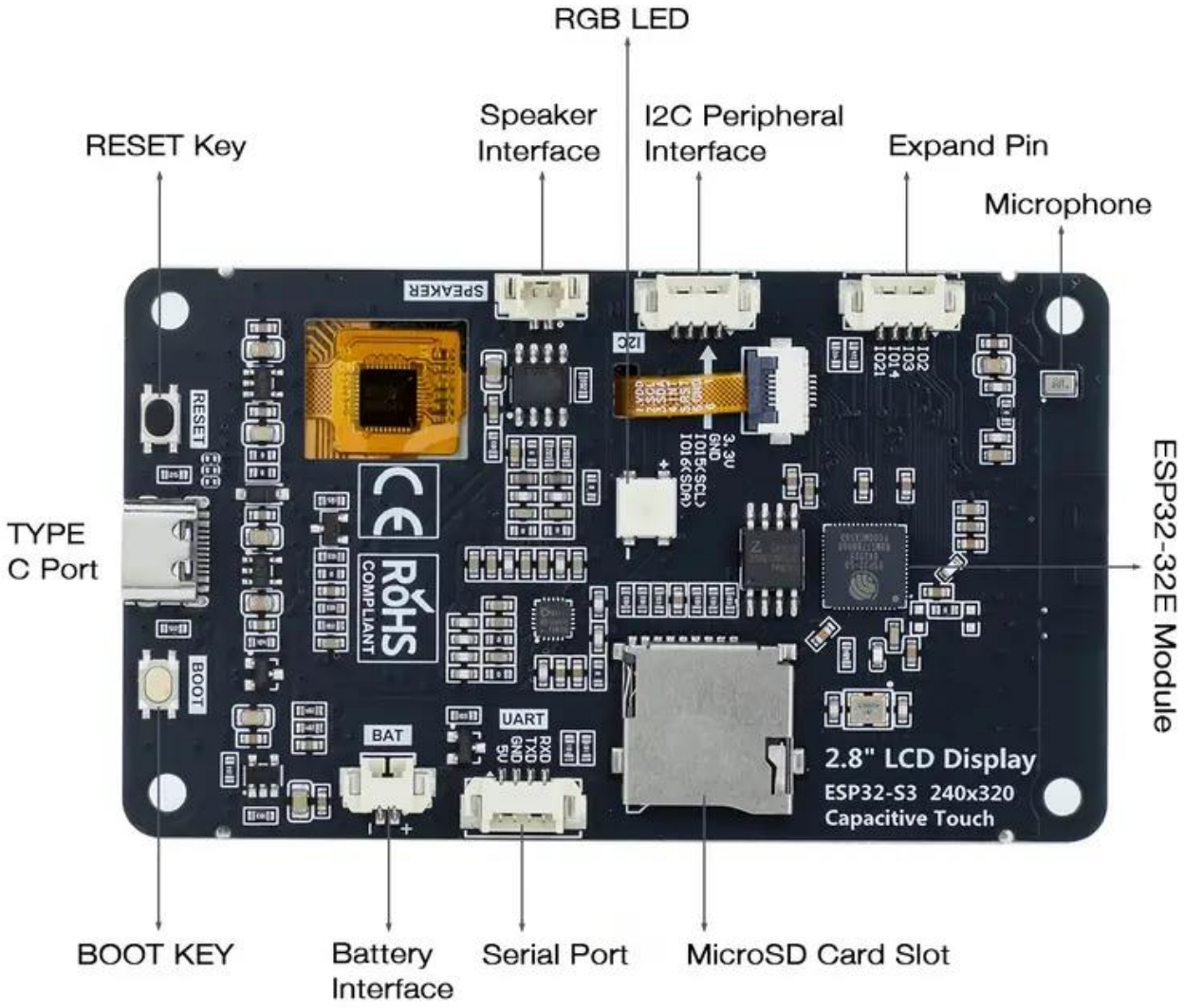


ESP32 Parameters

Item	parameters
Module	ESP32-S3
CPU	Xtensa LX7 32-bit dual-core processor
Clock rate	240MHz（MAX）
Memory	384KB ROM+512KB SRAM+16KB RTC SRAM+8M internal OPI PSRAM +16M external SPI Flash
WIFI	2.4GHz, 802.11b/g/n mode
Bluetooth	Bluetooth V5.0 BR/EDR and Bluetooth LE standard
Operation voltage	3.0~3.6(V)


Profile
Analytics
Shop
Monthly Summary
$27,123.25
17% growth this week
100
80
60
40
20
0
120 FPS
14% CPU
MIC


Wireless
Connection
Phone
Pad
MIC
Router
Computer


RGB LED
RESET Key
Speaker Interface
I2C Peripheral Interface
Expand Pin
Microphone
TYPE C Port
ESP32-32E Module
BOOT KEY
Battery Interface
Serial Port
MicroSD Card Slot
SPEAKER
I2C
RESET
BOOT
BAT
UART
RXD
TXD
GND
5V
3.3V
GND
IO15(SCL)
IO16(SDA)
IO2
IO3
IO14
IO21
RoHS
COMPLIANT
2.8" LCD Display
ESP32-S3 240x320
Capacitive Touch

IPS Display Panel

Excellent Display Performance, 262K Color, Wide Viewing Angle

ESP32 S3 Processor | Capacitive Touch | 2.4G Hz Wi-Fi | BLE | 262K Color | Multiple Interface



Application Scenarios



Image And Audio Outputs

It can be used as the information output units in both display and audio, and the users can design according to their needs to realize information interaction in image and audio.



Human-machine Interface

The Human-machine Interface (also known as the user interface) is the medium of interaction and information exchange between the system and the user, it realizes the transformation between the internal form of information and the form acceptable to human



LVGL GUI Development

LVGL is a free, open-source graphics library that provides everything you need to create embedded GUI with the easy-to-use graphical elements, beautiful visual effects and low memory requirement.

Produktgalleri