

labubu original

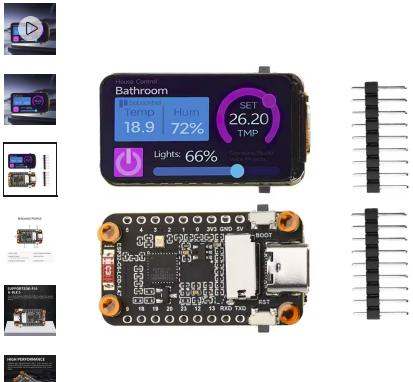
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ESP32-C6 1.47-Inch LCD Screen Development Board Wifi Bluetooth 5 Onboard RGB Color Led Type-C ESP32 DIY kit

4.3 6 Reviews | 57 sold

Customer Reviews (6) Specifications Description Store More to love

## Reviews | 4.3 ★★★★★ 6 ratings ✓ All from verified purchases

Functionality : Fast

100% Compatibility : Fully compatible

100%

All ratings ▾

(0)

(0)

(0)

disappointing (2)

happy customer (1)

cute (1)

confused (1)

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★★★★★

Unable to display anything. I have used all known AI and it works every time. Just an example file in Python with the associated "drivers" and it might have done it, but now I'm completely disappointed :-( It will live in a drawer.

F\*\*\*n | 30 Apr 2025

Helpful (1) ...

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61



★★★★★

Just arrived, I will check.

J\*\*\*a | 15 Apr 2025

Helpful (0) ...



★★★★★

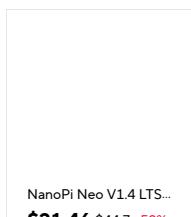
I do like these wafeshare units; they work really well. The items arrived in perfect condition and really fast, thanks.

AliExpress Shopper | 21 May 2025

Helpful (0) ...

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**\$21.46** \$44.7 -52%  
 ★★★★★ 5 100 sold  
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## Specifications

The screenshot shows the AliExpress product page for the ESP32-C6 development board. At the top, there's a search bar with a magnifying glass icon and a 'View more' button. To the right of the search bar are links for 'Download the AliExpress app', 'Other/EN/USD', and a user account section with a profile picture and the name 'Hi, andrew...'. A shopping cart icon with a '0' indicates no items.

Package	SMD	is_customized	Yes
Type	Module	Brand Name	DIY NOW

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## Description

[Report Item / Suspicious Activity](#)**Features:**

1. This ESP32-C6-1.47-inch LCD screen development board integrates an LCD display screen, Micro SD card slot, and commonly used peripheral connectors
2. Equipped with high-performance RISC-V 32-bit processor and low-power RISC-V 32-bit processor, high-performance
3. The processor clock can reach up to 160MHz, and the low-power processor clock can reach 20MHz
4. Supports 2.4 GHz Wi-Fi 6 (802.11ax/b/g/n) and Bluetooth 5 (LE), onboard antenna
5. Onboard 320KB ROM, 512KB HP SRAM, 16KB LP SRAM, and 4MB flash
6. Onboard 1.47-inch LCD screen, 172x320 resolution, 262K color
7. Export most GPIO and integrate full speed USB serial port
8. Onboard Micro SD card holder, capable of external SD card storage for images or files
9. Supports accurate control of flexible clocks, multiple power modes, etc., achieving low power consumption modes in multiple scenarios

**Product Introduction:**

This product is a microcontroller development board that supports 2.4GHz Wi-Fi 6 and Bluetooth BLE 5. Stacked 4MB Flash, onboard 1.47-inch LCD screen, integrated LCD display screen, Micro SD card slot and commonly used peripherals, can smoothly run GUI interface programs such as LVGL; By combining multiple peripheral interfaces, it is possible to quickly develop HMI and other applications for ESP32-C6.

**Parameter:**

Interface: USB Type-C

Main control chip: ESP32-C6

Screen type: TFT

LCD screen: 1.47 inches

Resolution: 172x320

Screen control chip: Display: ST7789

Onboard device: Micro SD

Package include:

1X development board

2X straight needle

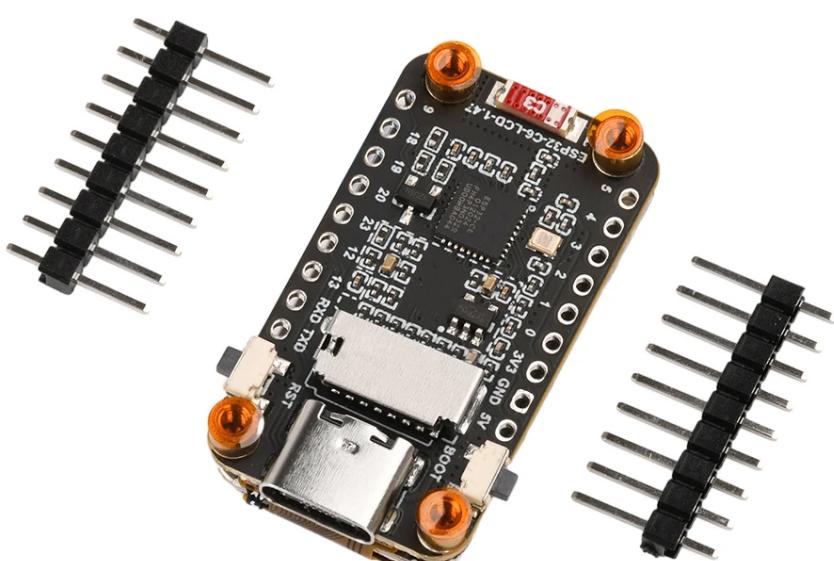
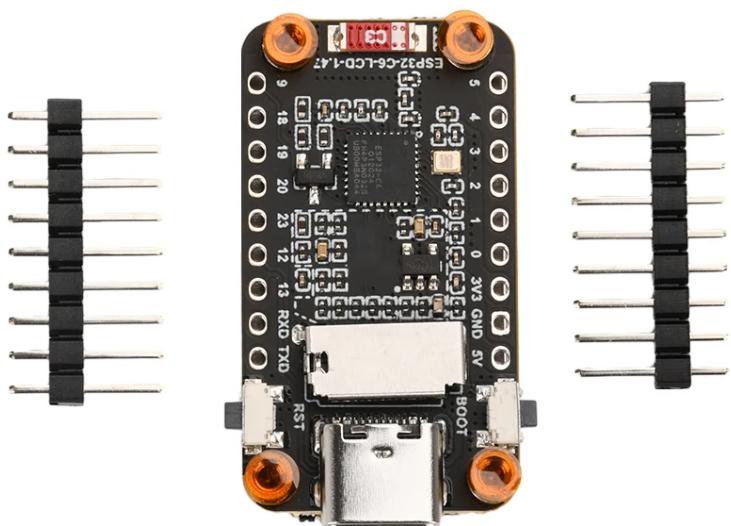
common problem:

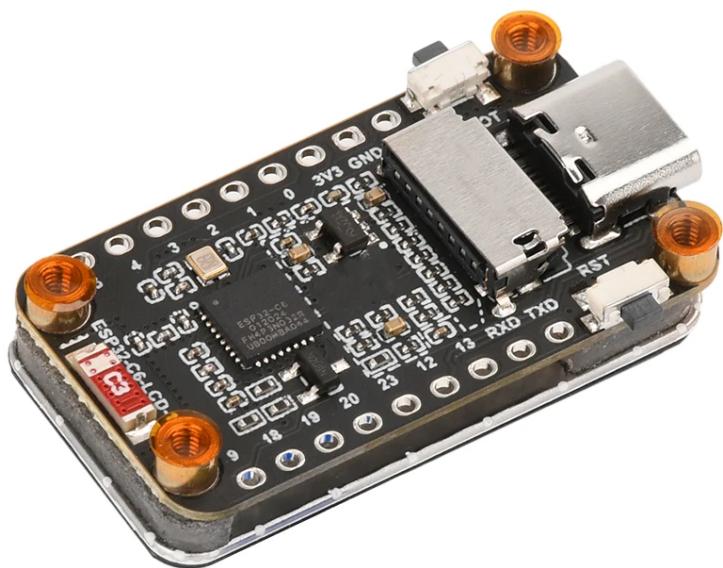
Question 1: If the module keeps resetting, will the recognition status flicker when viewed from the device manager?

Answer: This situation may be caused by the USB port being unstable due to a blank Flash. You can long press the BOOT button, press RESET at the same time, then release RESET, and then release the BOOT button. At this time, the module can enter download mode to burn firmware (program) to solve the problem.

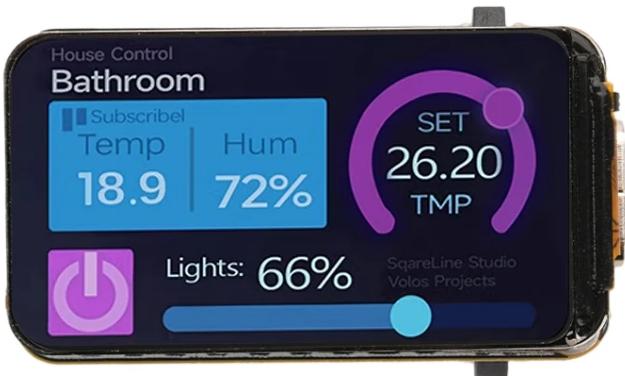
Question 2: After downloading the module program, sometimes there may be situations where the serial port cannot be connected or the burning fails when re-downloading?

Answer: You can long press the BOOT button, press the RESET button at the same time, then release the RESET button, and then release the BOOT button. At this time, the module can enter download mode, which can solve most of the problems that cannot be downloaded.



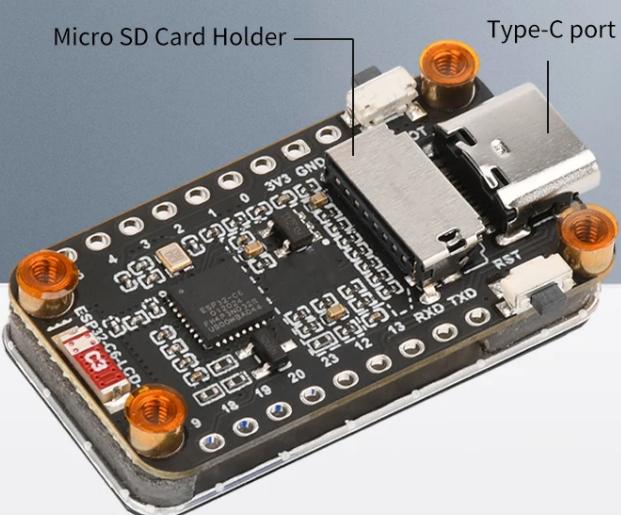






## TYPE-C INTERFACE

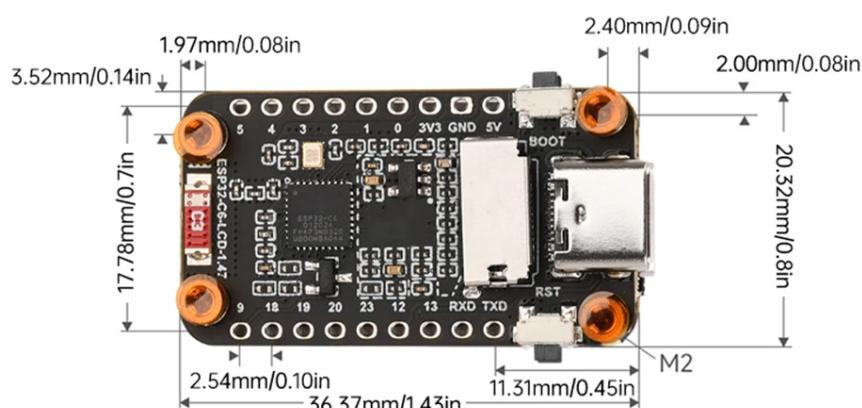
Onboard 1.47-inch LCD screen, integrated LCD display, Micro SD card slot and common peripherals, can run LVGL and other GUI interface programs smoothly.



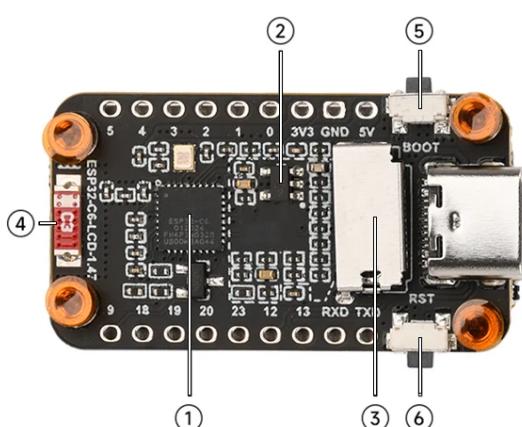
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Port: USB Type-C	LCD screen: 1.47 inches
Master chip: ESP32-C6	Resolution: 172x320
Screen type: TFT	Onboard device: MicroSD
Screen control chip: Display: ST7789	



## RESOURCE PROFILE



1.ESP32-C6FH4

4.PATCH CERAMIC ANTENNA

2. ME6217C33M5G

5.BOOT BUTTON

LOW DROPOUT LDO AT 800MA (MAX)

3. MICRO SD CARD HOLDER

6.RESET BUTTON


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## INTERNAL HARDWARE CONNECTIONS

### LCD

LCD Pin	ESP32C6
MOSI	GPIO6
SCLK	GPIO7
LCD_CS	GPIO14
LCD_DC	GPIO15
LCD_RST	GPIO21
LCD_BL	GPIO22

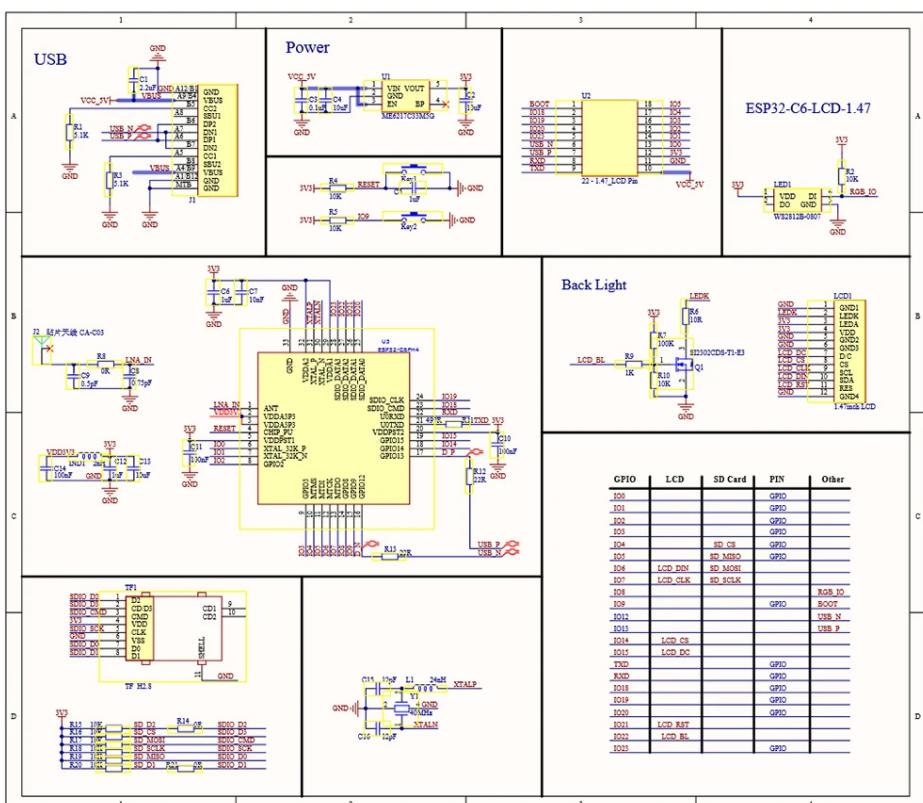
### RGB LIGHT BEADS

RGB Light Beads	ESP32S3
RGB_Control	GPIO8

### SD Card

SD Card	ESP32S3
MISO	GPIO5
MOSI	GPIO6
SCLK	GPIO7
CS	GPIO4
SD_D1	NC
SD_D2	NC

## PRODUCT LINE CHART



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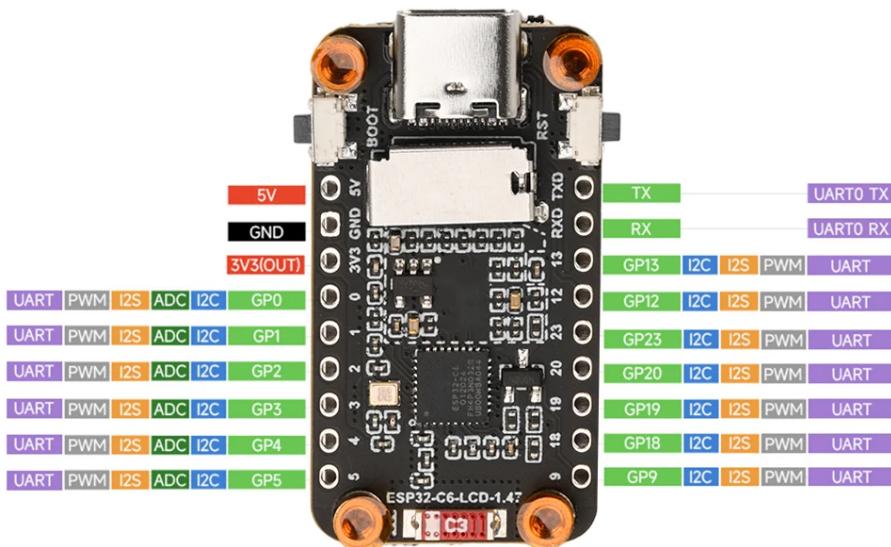
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## SUPPORTS EXPANSION OF MULTIPLE PERIPHERALS

More expansion devices can be accessed through GPIO pins.



## SAMPLE PROGRAM

The screenshot shows the LVGL IDE 2.22 interface with the following code in the main editor window:

```

LVGL | IDE 2.22
File Edit Sketch Tools Help
ESP32C6 Dev Module
ESP32 Family Device
COM73
Unknown
COM1
Select other board and port...
LCD_Init();
lvgl_Init();

lv_demo_widgets();
// lv_demo_clockmark();
// lv_demo_keypad_encoder();
// lv_demo_music();
// lv_demo_stress();

void loop()
{
    Timer_Loop();
    delay(5);
}

```

In the bottom-left corner, there is another window titled "Select Other Board and Port" with the following content:

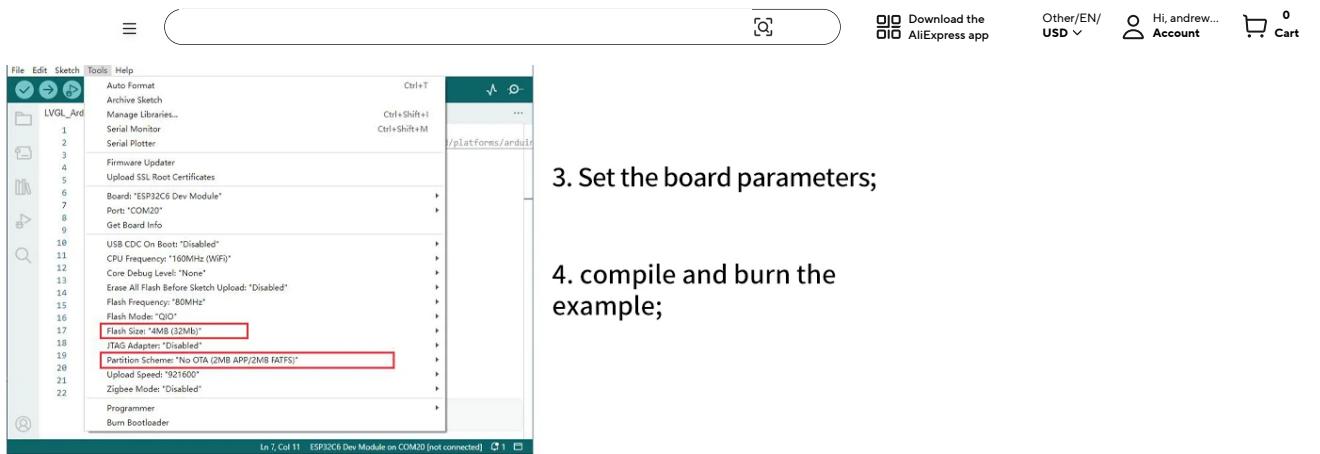
Select both a Board and a Port if you want to upload a sketch.  
If you only select a Board you will be able to compile, but not to upload your sketch.

BOARDS	PORTS
esp32c6	COM73 Serial Port (USB)
DFRobot Beetle ESP32-C6	COM1 Serial Port
DFRobot FireBeetle 2 ESP32-C6	
ESP32C6 Dev Module	
OLIMEX ESP32-C6-EVB	
SparkFun ESP32-CE Qwiic Pocket	
SparkFun ESP32-CE Thing Plus	

Checkboxes for "Show all ports" and "OK" and "CANCEL" buttons are visible at the bottom.

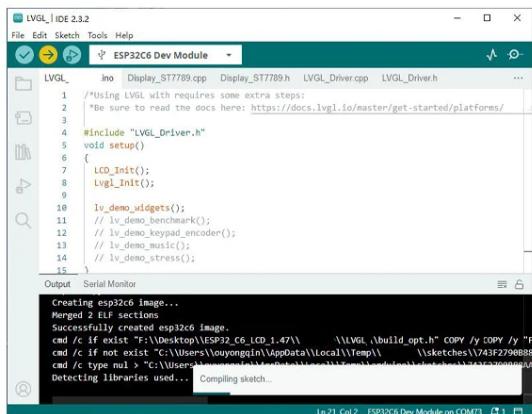
1. Open the LVGL\_ example and realize the display according to the following operation, the example LCD display function;

2. Select model ESP32C6 Dev Module with port;



### 3. Set the board parameters;

### 4. compile and burn the example;



### 5. Successful burn-in can be observed on the LVGL page;

• Example LCD\_Imege can be realized to display the PNG files in the root directory of the SD card at certain intervals, please note that the PNG files provided must be normal, and you can't directly modify the suffix to realize it.

• Products using the ESP32 in the IDE on the playability is relatively high, can be in the framework of the existing program simply U surface modification can be achieved cool operation, in some open source platform resources can also be used directly under the small modifications.

## Buyer Questions & Answers (1)

possibilité d'alimentation avec une batterie ?

...

possibilité d'alimentation avec une batterie ?

...

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**\$6.19** \$14.7 -57%

★★★★★ 4.9 4000+ sold

Dollar Express >

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11 sold

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Save \$14.57

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★★★★★ 4.9 10,000+ sold

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Ad

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Upcoming price \$6.45

**Choice Sale** T-Display-S3 ESP3...

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Free shipping

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**Choice** Waveshare ESP32-S3 2i...

**\$26.7** \$26.7

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**\$26** \$43.33 -40%

★★★★★ 4.8 2,000+ sold

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Free shipping

**Choice** WitMotion WT9011DC...

**\$29.82** \$29.82

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Ad

10.1-inch ESP32P4 development...

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