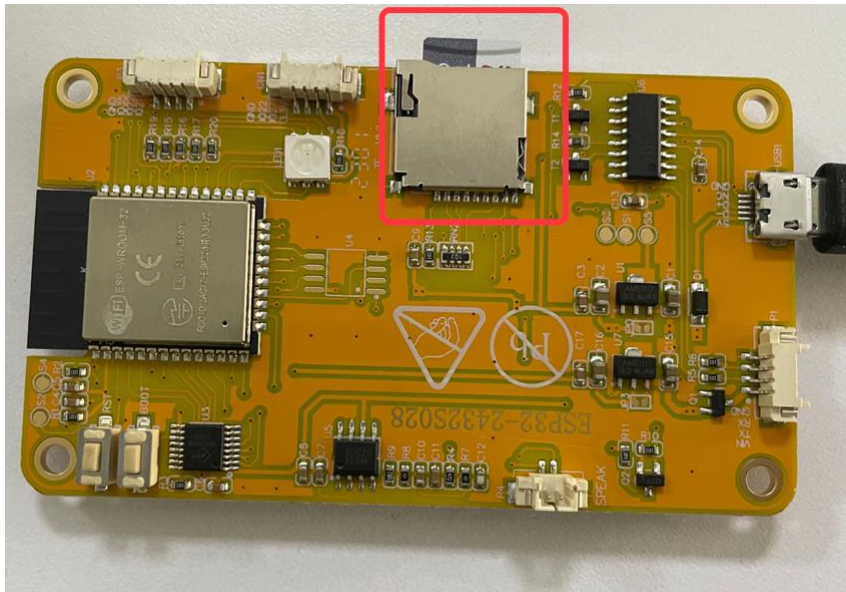


ESP32 2.8 inch TFT Touch Screen 240*320

First Install TF Card



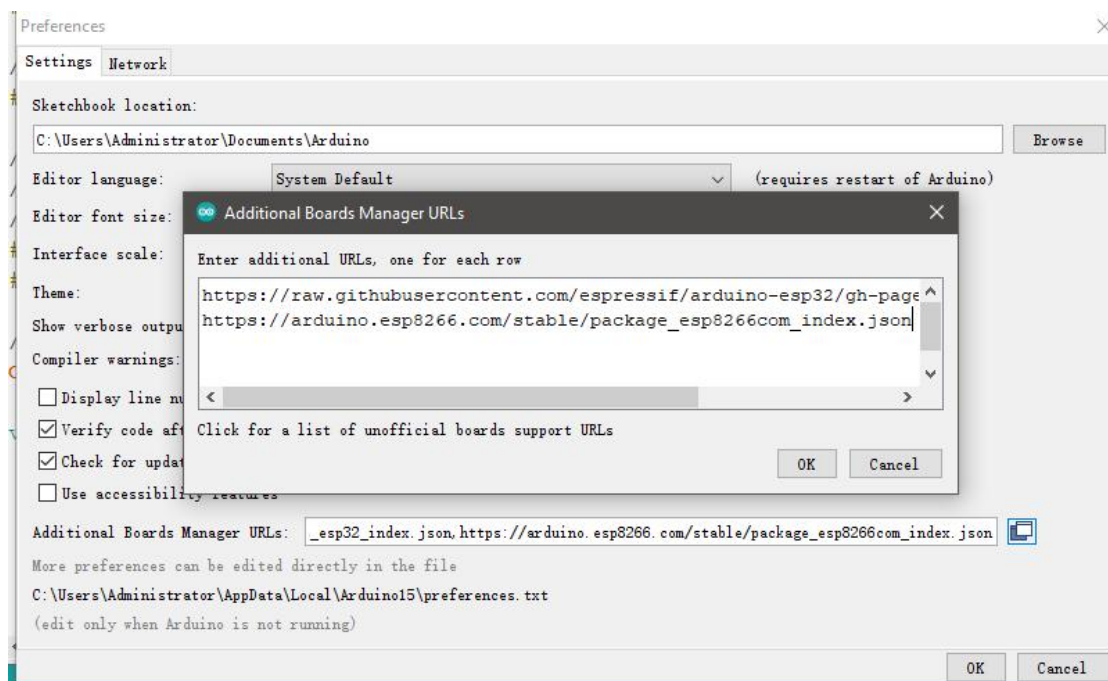
There are two ways to upload code to the screen:

1. uploade code via arduino IDE
2. upload code via espressif flash tool

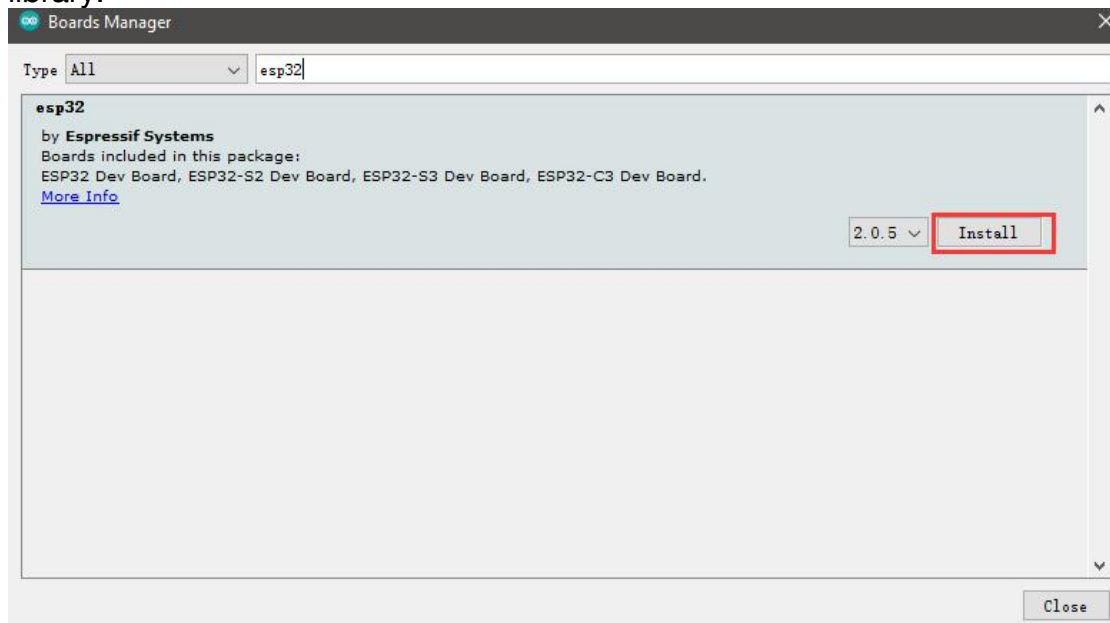
Upload code via Arduino IDE:

Install the ESP32 boards

Select “File>Preferences>settings>Additional Boards Manager URLs” to fill the link: https://raw.githubusercontent.com/espressif/arduino-esp32/gh-pages/package_esp32_dev_index.json

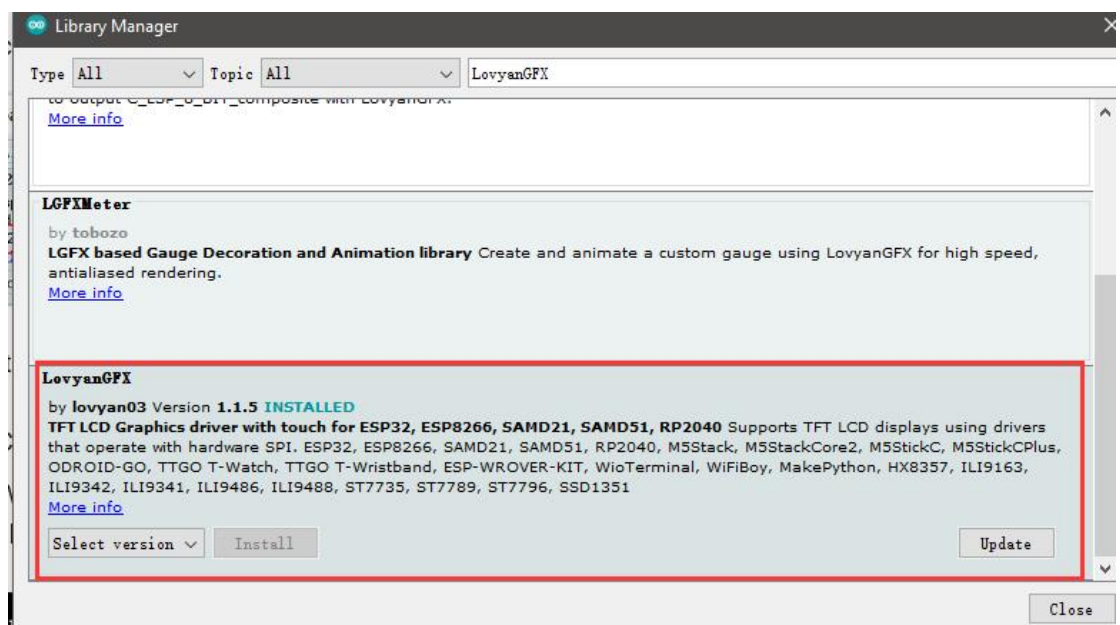


Click “Tools>Board>Boards Manager” to search for and install the ESP32 library:

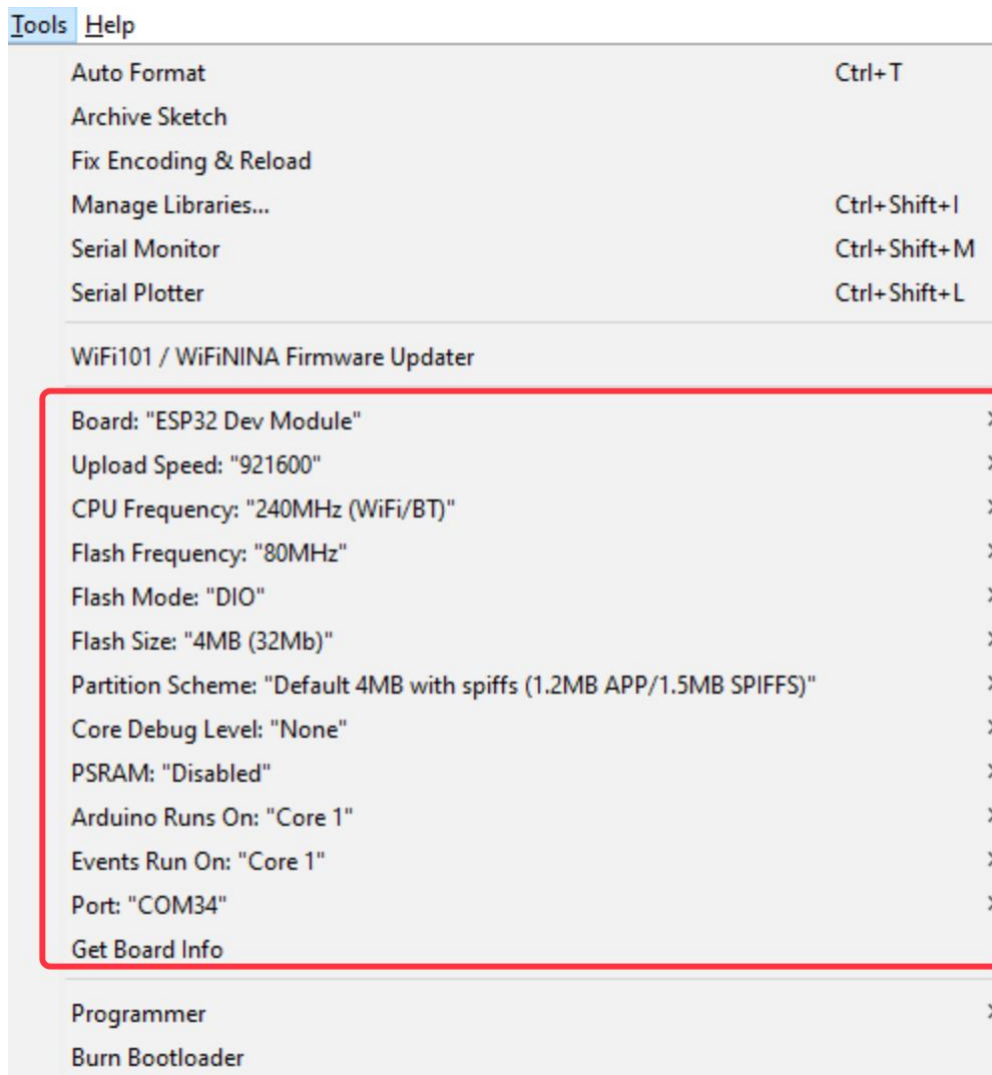


Install LovyanGFX

Click “Tools> Manager Libraries” to search for and install LovyanGFX library.



Select and set the parameter in the Tools menu, as the picture:



You can get the source code and bin file from below link:

<https://tinyurl.com/ESP32-2432S028>

Unzip the file and open it.

Verify and upload it.

After uploading, the screen will be displayed as follows, you should click on the four corners in sequence.

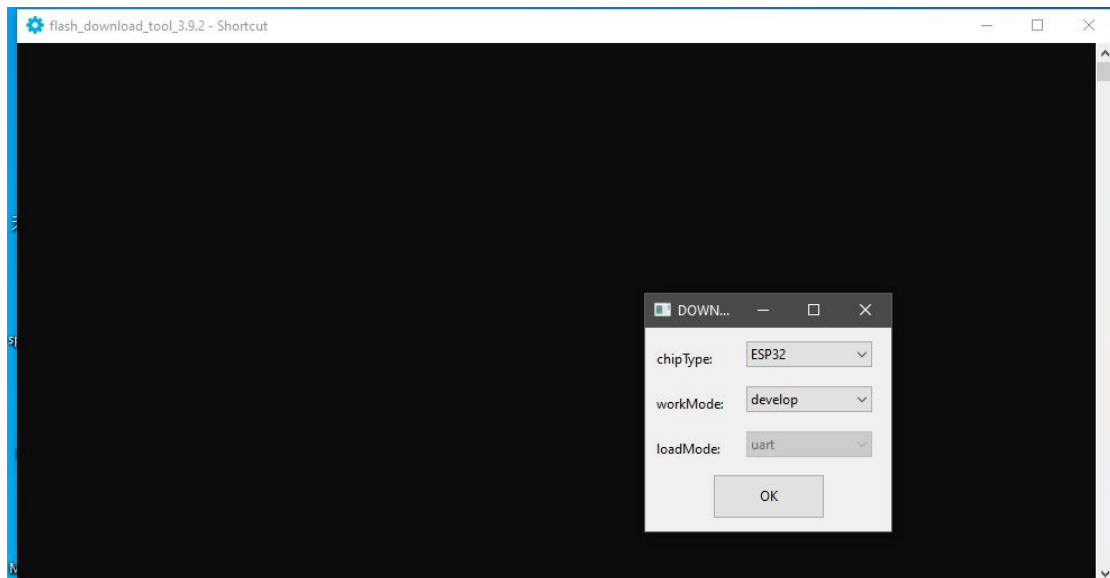


Flash screen with espressif tool

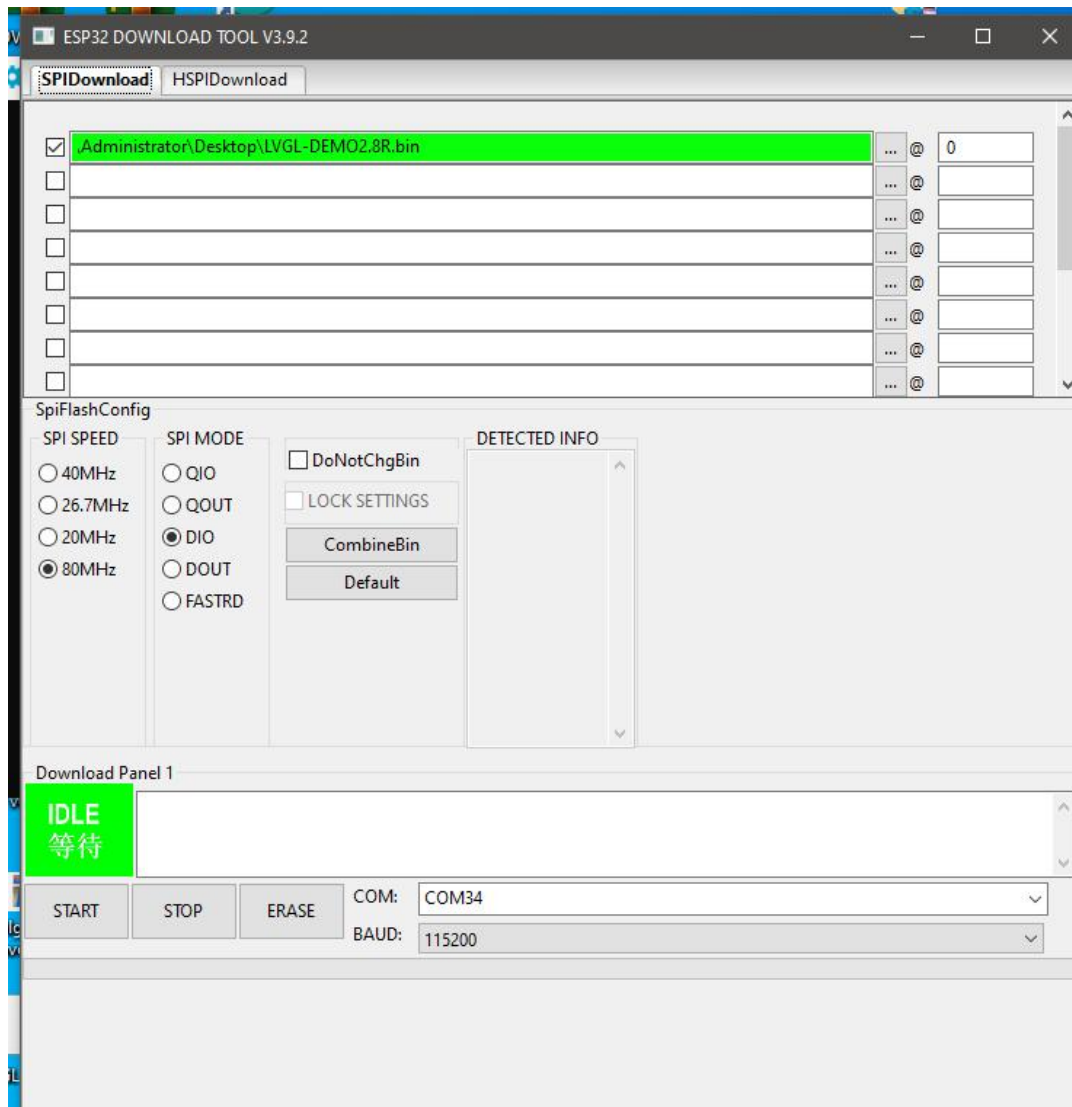
Flash Tool Download link:

<https://www.espressif.com.cn/en/support/download/other-tools>

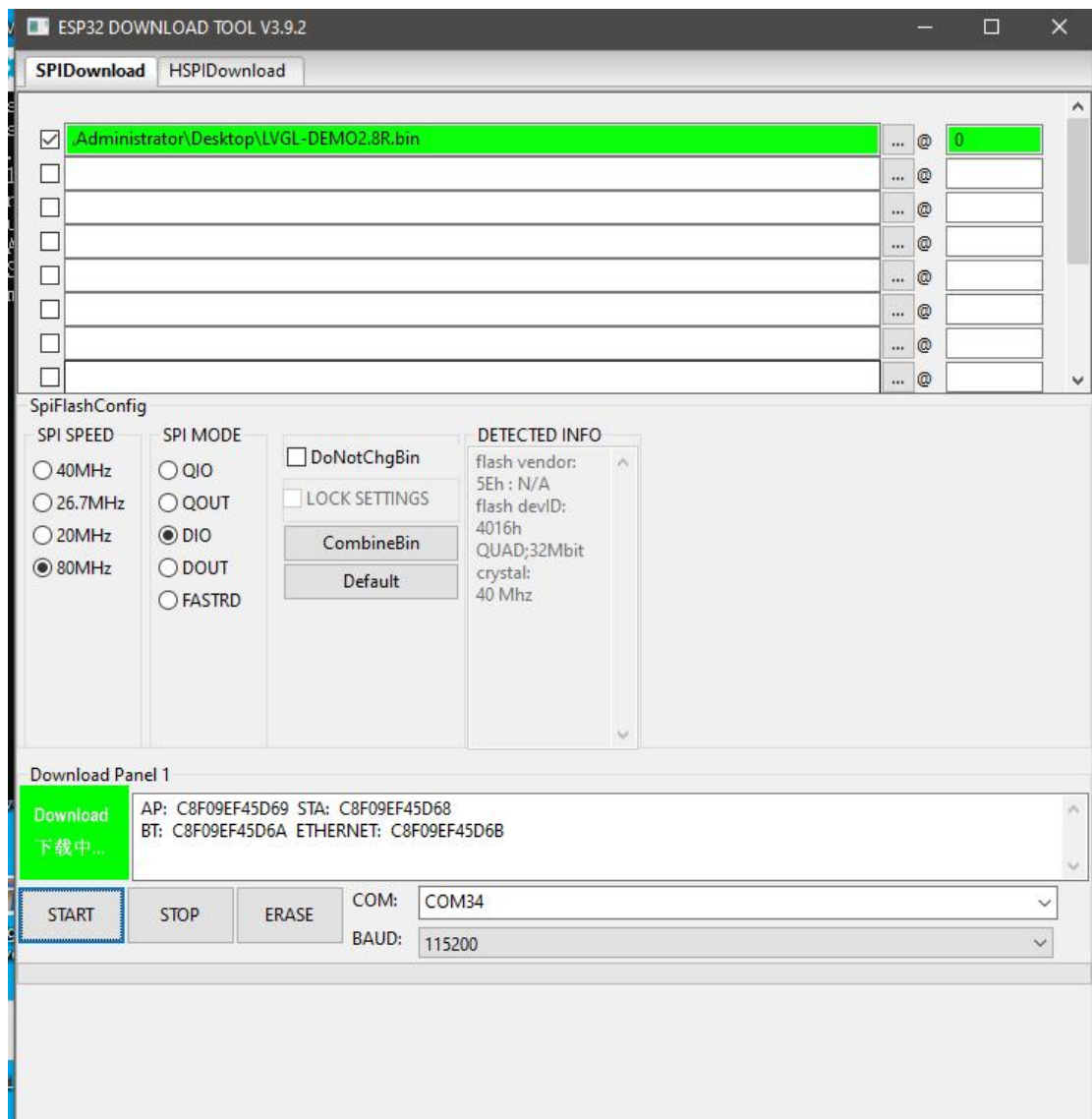
Open tool:



Choose bin file, make setting as below:



Click START



Finish

ESP32 DOWNLOAD TOOL V3.9.2

SPIDownload HSPIDownload

<input checked="" type="checkbox"/>	Administrator\Desktop\LVGL-DEMO2.8R.bin	...	@	0
<input type="checkbox"/>		...	@	
<input type="checkbox"/>		...	@	
<input type="checkbox"/>		...	@	
<input type="checkbox"/>		...	@	
<input type="checkbox"/>		...	@	
<input type="checkbox"/>		...	@	
<input type="checkbox"/>		...	@	

SpiFlashConfig

SPI SPEED

☐ 40MHz

☐ 26.7MHz

☐ 20MHz

☒ 80MHz

SPI MODE

☐ QIO

☐ QOUT

☒ DIO

☐ DOUT

☐ FASTRD

☐ DoNotChgBin

☐ LOCK SETTINGS

CombineBin

Default

DETECTED INFO

flash vendor: 5Eh : N/A

flash devID: 4016h

QUAD:32Mbit

crystal: 40 Mhz

Download Panel 1

FINISH
完成

AP: C8F09EF45D69 STA: C8F09EF45D68
BT: C8F09EF45D6A ETHERNET: C8F09EF45D6B

START STOP ERASE

COM: COM34

BAUD: 115200

After finish flashing, unplug micro USB, then plug, it will show as below:

