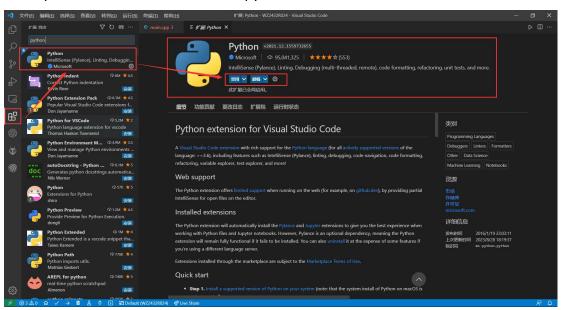
PlatformIO

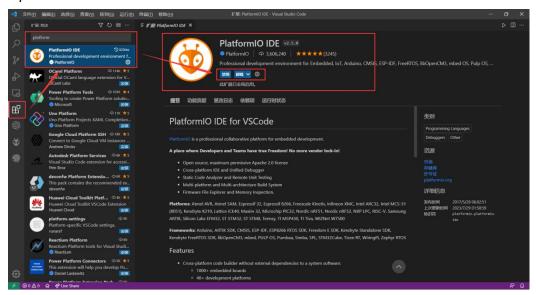
WZ4827R043

Take the WZ4827R043 as an example

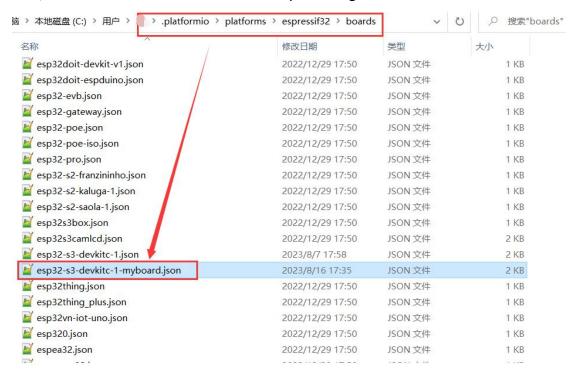
First open the VScode to check if the python is installed



Open the VScode to download the PlatformIO



First, add the custom board to the directory in the figure below

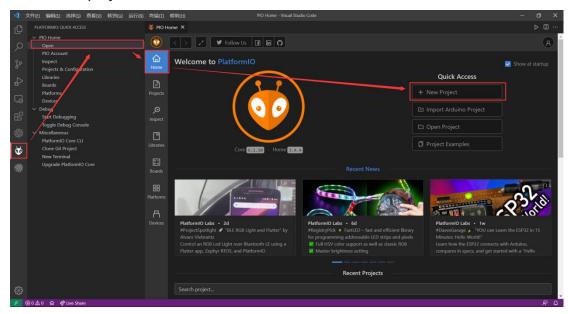


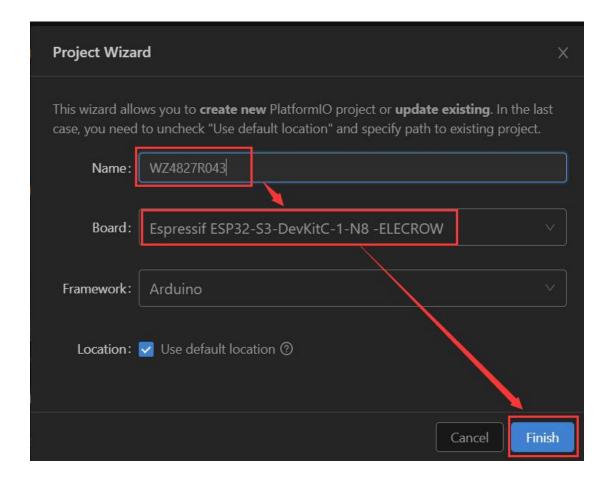
Add the following code to the platformio.ini file

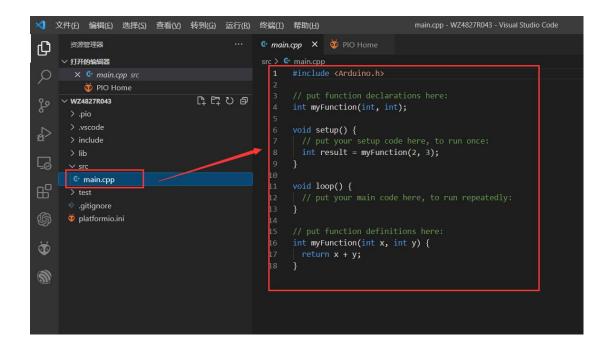
```
board_build.arduino.memory_type = qio_qspi
build_flags = -DBOARD_HAS_PSRAM
-mfix-esp32-psram-cache-issue
```

```
咨源管理器
                                              DIO Home
    > 打开的编辑器
                                               oplatformio.ini
         🍑 PIO Home
                                 日日で日日
     V WZ4827R043
      > include
<u>_</u>
      > lib
                                                     [env:esp32-s3-devkitc-1-myboard]
                                                     platform = espressif32
                                                     board = esp32-s3-devkitc-1-myboard
      ∨ test
                                                     framework = arduino
                                                     board_build.arduino.memory_type = qio_qspi
                                                     build_flags = -DBOARD_HAS_PSRAM
        .gitignore
0
      🍑 platformio.ini
3
                                                         lvgl/lvgl@8.3.6
                                                         paulstoffregen/XPT2046_Touchscreen@0.0.0-alpha+sha.26b691b2c8
                                                         moononournation/GFX Library for Arduino@1.2.8
```

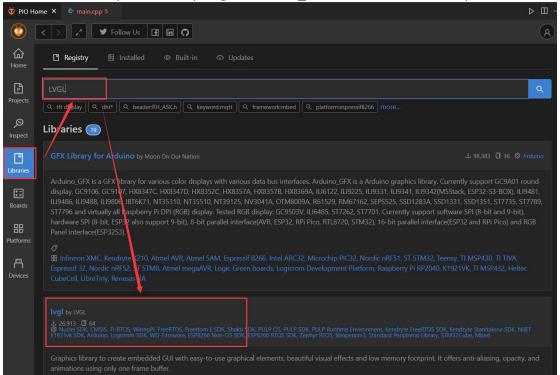
Create new projects

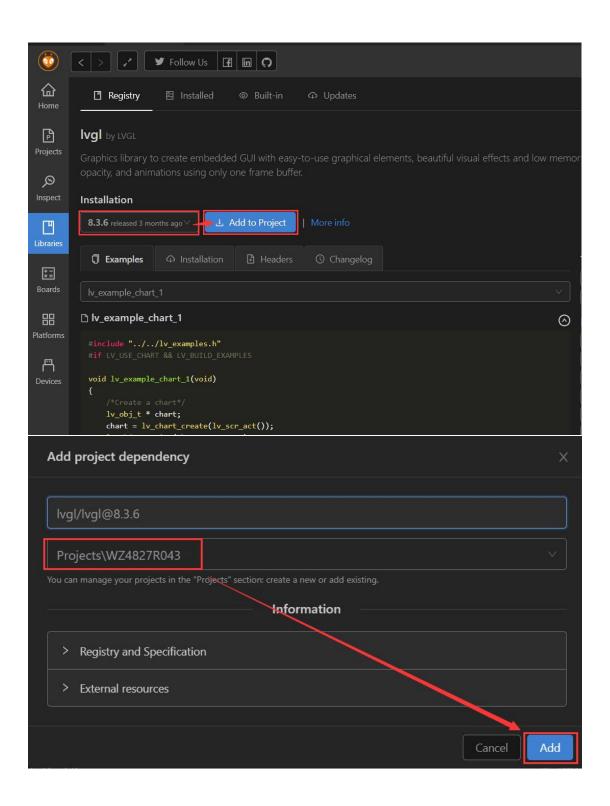


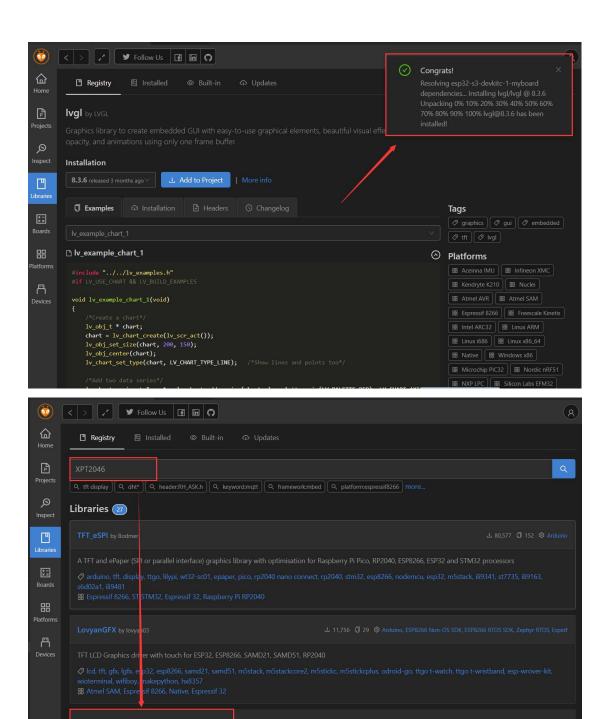


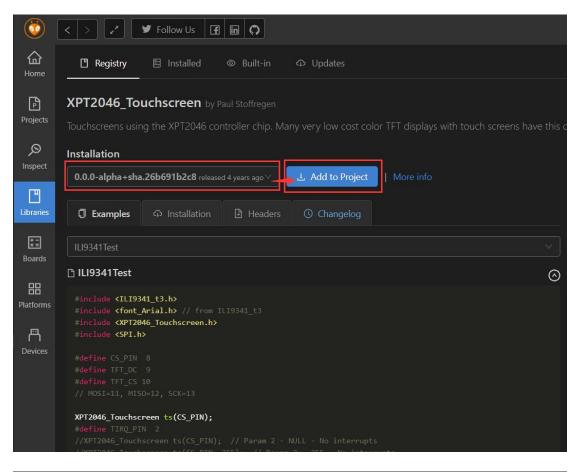


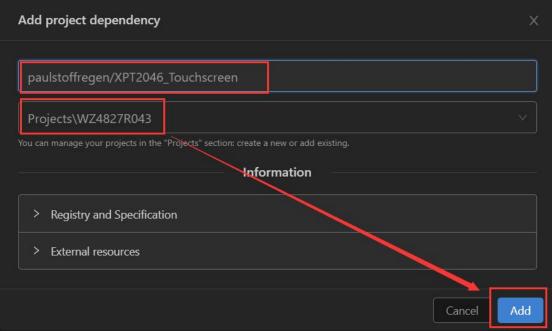
Download the required library (lvgl、XPT2046_Touchscreen、GFX Library for Arduino)

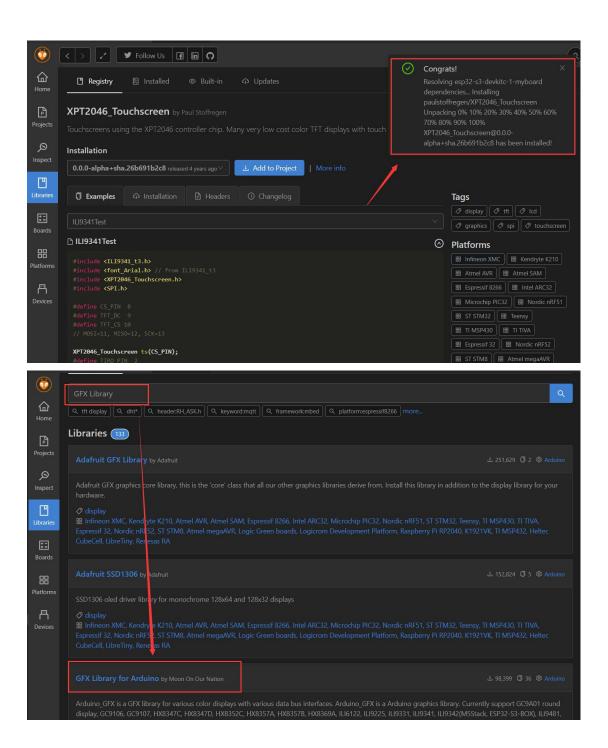


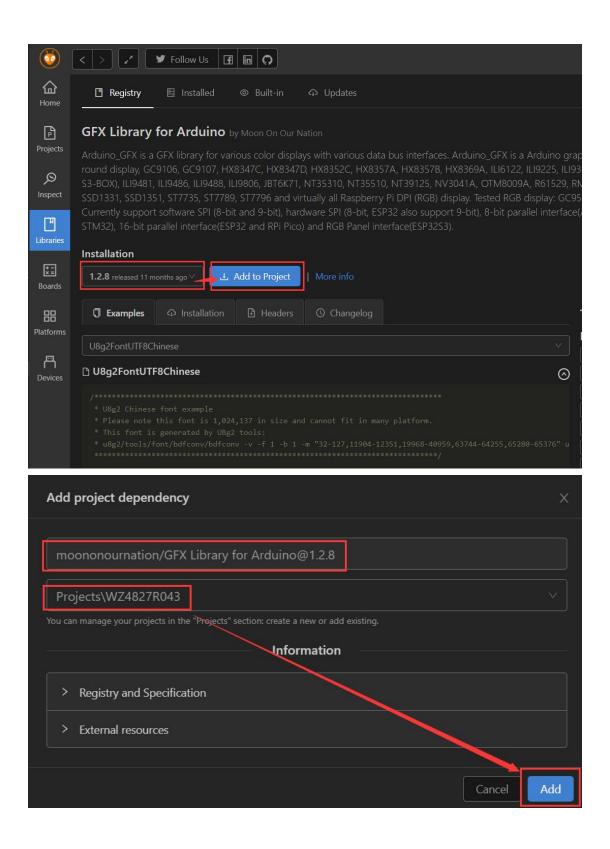


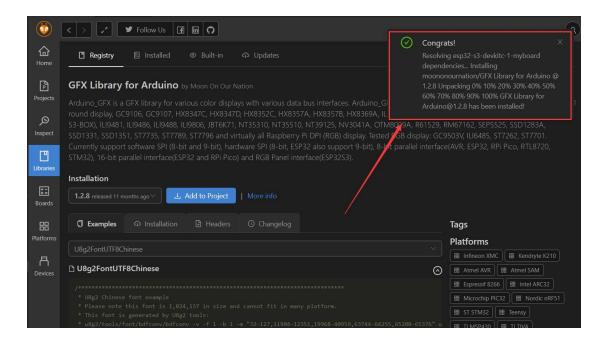




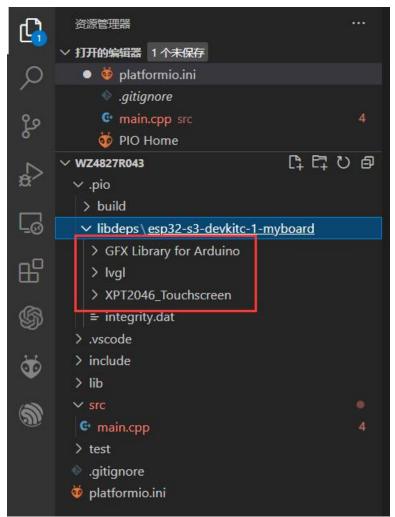






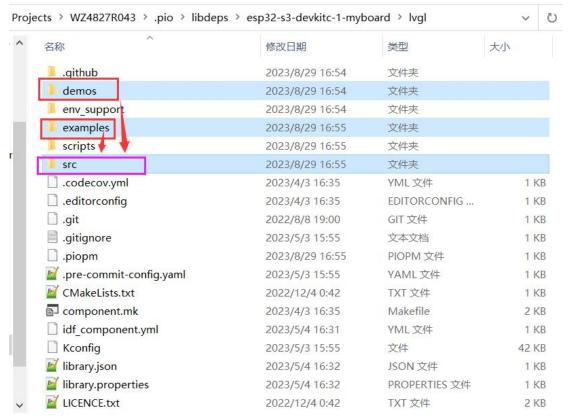


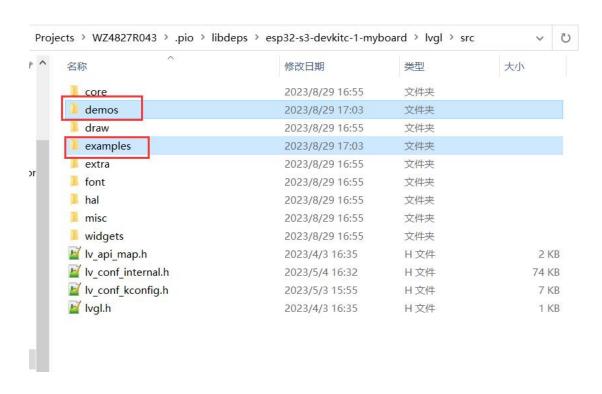
We can see that the library has been added successfully!



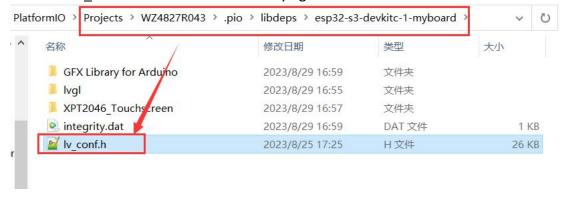
Next, we want to configure the lvgl library, right-click to open the folder directory, and put the demo and examples folders into the src folder!



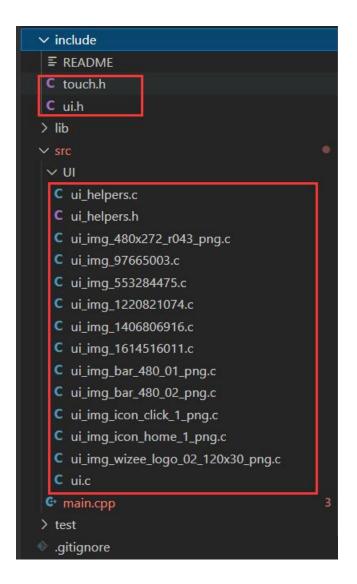




Place the lv_conf.h file under this directory again

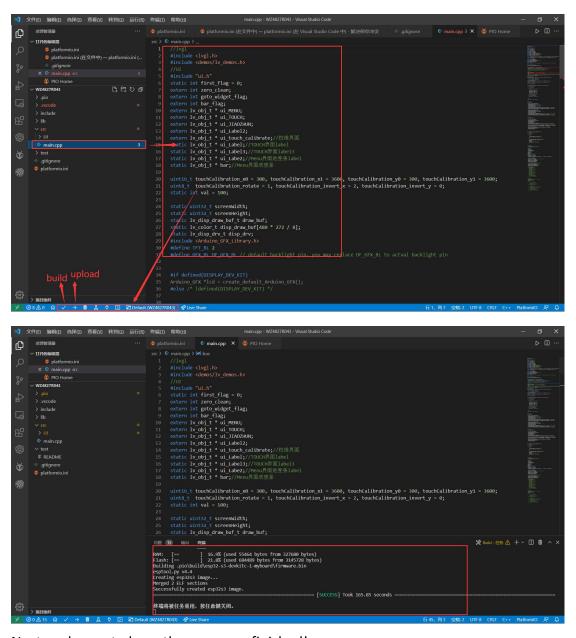


Next, let's configure our own UI files (the UI files are generated from the SquareLine Studio)



In the UI folder that will be generated. The c file is placed in the /src folder, and in the generated UI folder. Place the h file in the /include folder

At this time, we will complete all the configuration, write the code and start compiling the program



Next we began to burn the program, finished!