

Errors encountered

- error 0x105(ESP_ERR_NOT_FOUND)
- designator order for field 'xxx' does not match declaration order in 'yyy'

error

0x105(ESP_ERR_NOT_FOUN D)

This error can mean either:

- The camera isn't seated properly
- The pin configuration is wrong
- You've selected the wrong board

```
E (893) camera: Camera probe failed with error 0x105(ESP_ERR_NOT_FOUND)
Camera init failed with error 0x105
```

In the case of the ESP32-S3-WROOM, selecting WROOM2 generates this error.

These settings work properly:

Auto FormatCtrl+T

Archive Sketch

Manage Libraries...Ctrl+Shift+I

Serial MonitorCtrl+Shift+M

Serial Plotter

Firmware Updater

Upload SSL Root Certificates

Board: "ESP32S3 Dev Module"▶

Port: "COM6"▶

Get Board Info

USB CDC On Boot: "Disabled"▶

CPU Frequency: "240MHz (WiFi)"▶

Core Debug Level: "None"▶

USB DFU On Boot: "Disabled"▶

Erase All Flash Before Sketch Upload: "Enabled"▶

Events Run On: "Core 1"▶

Flash Mode: "QIO 80MHz"▶

Flash Size: "4MB (32Mb)"▶

JTAG Adapter: "Disabled"▶

Arduino Runs On: "Core 1"▶

USB Firmware MSC On Boot: "Disabled"▶

Partition Scheme: "Default 4MB with spiiffs (1.2MB APP/1.5MB SPIFFS)"▶

PSRAM: "OPi PSRAM"▶

Upload Mode: "UART0 / Hardware CDC"▶

Upload Speed: "921600"▶

USB Mode: "Hardware CDC and JTAG"▶

Zigbee Mode: "Disabled"▶

Programmer▶

Burn Bootloader

ToolsHelp

ESP32S3 Dev Module

MANAGERESP32S3Cam.ino

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on 'COM6')

designator order for field 'xxx' does not match declaration order in 'yyy'

This error occurs when the "order of declared members" is not in the right order.

I don't know the rules of this language enough, but it would appear there is a fixed order when you do an inline declaration:

This is correct, for example:

```
camera_config_t config = {  
    .pin_pwdn = PWDN_GPIO_NUM,  
    .pin_reset = RESET_GPIO_NUM,  
    .pin_xclk = XCLK_GPIO_NUM,  
    ....  
}
```

While this one (reset and pwdn are reversed) generates the error:

```
camera_config_t config = {  
    .pin_reset = RESET_GPIO_NUM,  
    .pin_pwdn = PWDN_GPIO_NUM,  
    .pin_xclk = XCLK_GPIO_NUM,  
    ....  
}
```