

Get started with MicroPython [S3 series]

Flash MicroPython firmware

The boards were already flashed micropython firmware. If they lost firmware or you need latest firmware, you can flash MicroPython firmware by yourself.

Requirements

- [CH340 Driver](#)
- [Python](#)
- [esptool](#)

```
pip install esptool
```

S3 Firmware

- [Firmware](#)

Flash using esptool.py

```
esptool.py --port PORT_NAME erase_flash  
esptool.py --port PORT_NAME --baud 1000000 write_flash -z 0 FIRMWARE.bin
```

Note

Don't forget to change **PORT_NAME** and **FIRMWARE.bin**.

In Linux, **PORT_NAME** is like `/dev/ttyUSB0`. In windows, **PORT_NAME** is like `COM4`.

Quick reference

- [Quick reference for the ESP32](#)

Get started with Arduino [S3 series]

Requirements

- [Python](#)
- [Arduino IDE](#)

- [CH340 Driver](#)

Installing Hardware package

- [esp32 arduino package](#)

Configure Board

- Use latest [esp32 arduino package](#)
- Choose board **LOLIN S3**