

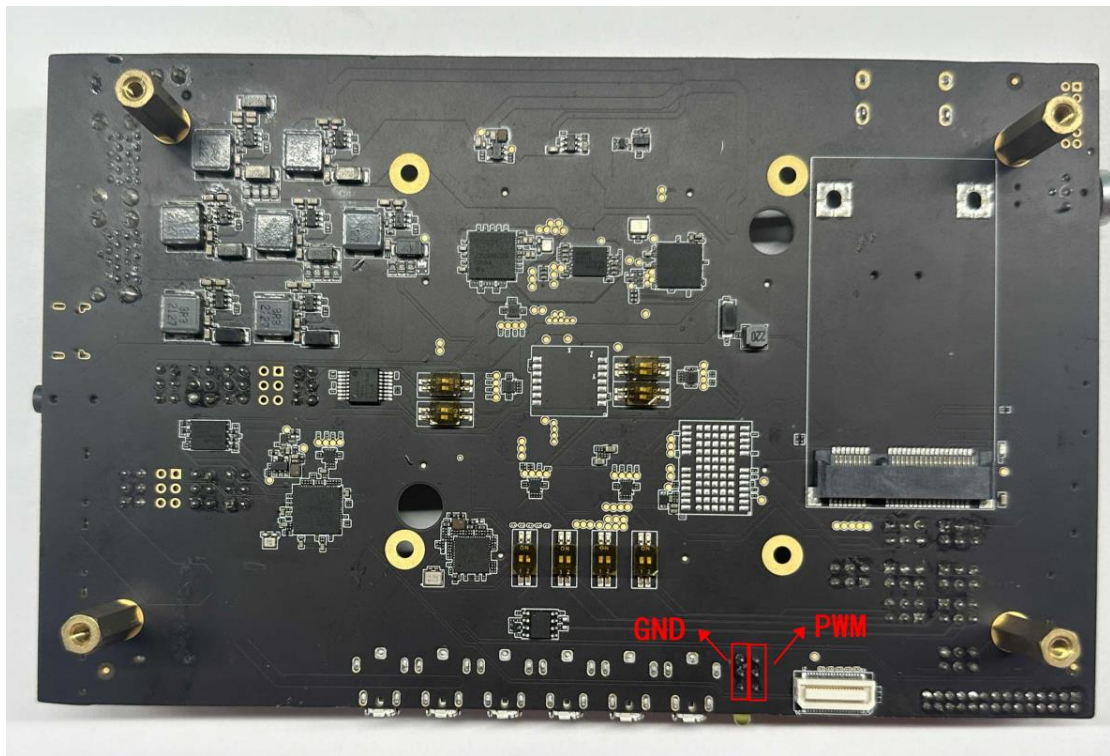


Fibocom 广和通  
完美无线体验

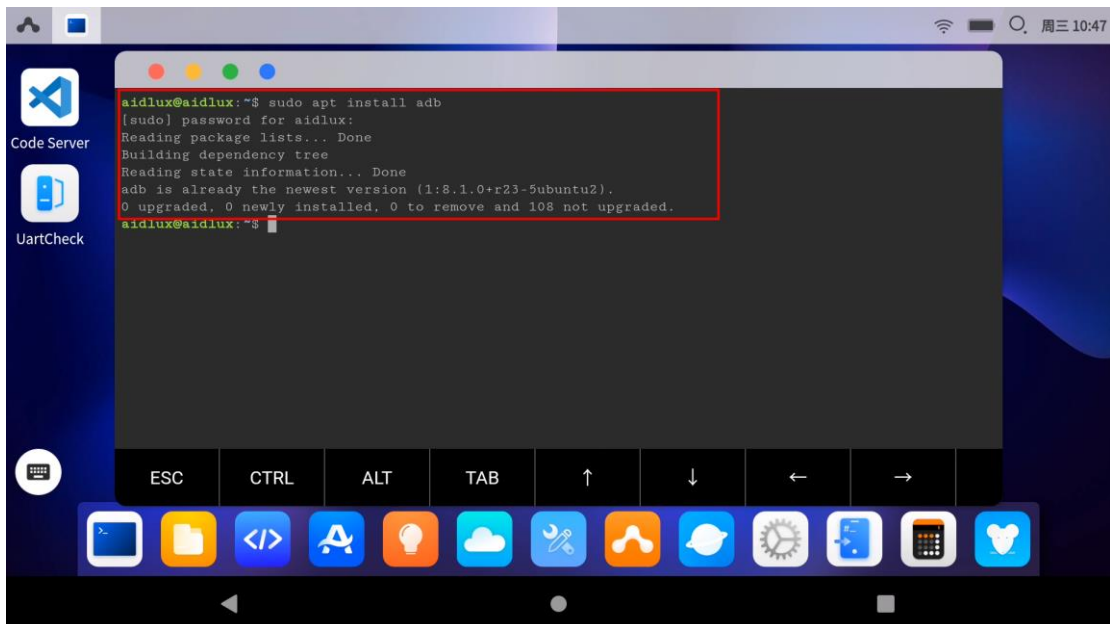
# PWM 口功能测试

V1.1

- 1、SC171 开发套件 V2 上提供了 3 个 PWM 接口，分别接上了三色灯，可以通过 PWM 控制亮度。若有 PWM 接口的使用需求，需要飞线引出来。



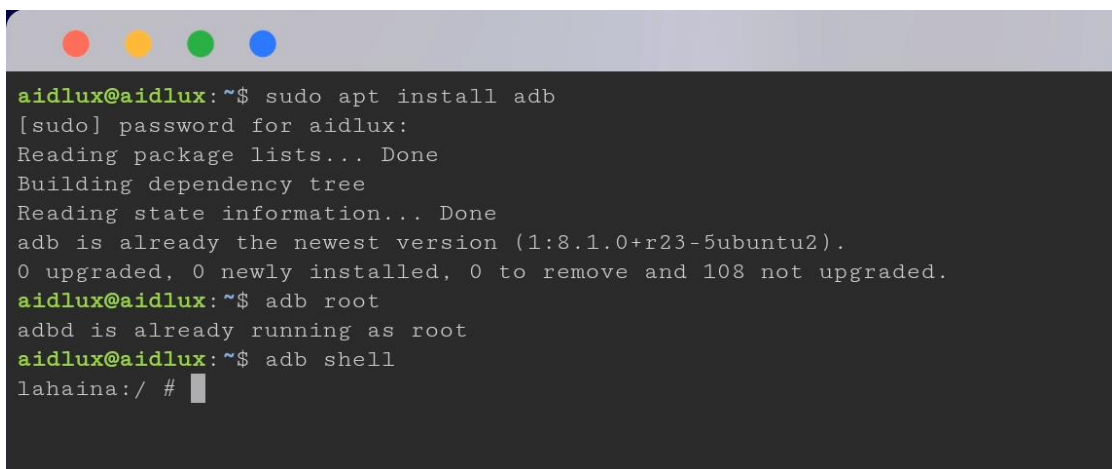
- 2、下面以三色灯为例，来进行 PWM 亮度控制  
打开 Aidlux，并且打开终端，在终端下安装 ADB 工具，密码为：aidlux  
`sudo apt install adb`



3、在终端输入:

```
adb root
```

```
adb shell
```



```
aidlux@aidlux:~$ sudo apt install adb
[sudo] password for aidlux:
Reading package lists... Done
Building dependency tree
Reading state information... Done
adb is already the newest version (1:8.1.0+r23-5ubuntu2).
0 upgraded, 0 newly installed, 0 to remove and 108 not upgraded.
aidlux@aidlux:~$ adb root
adb is already running as root
aidlux@aidlux:~$ adb shell
lahaina:/ #
```

4、此时在终端输入一下指令，控制三色灯亮度

```
echo 100 > /sys/class/leds/red/brightness //brightness 范围 (0-255)
```

```
echo 100 > /sys/class/leds/green/brightness
```

```
echo 100 > /sys/class/leds/yellow/brightness
```

三个灯分别对应 green yellow red，执行上述命令后，可能也看到三个灯都亮了，设置不同的 brightness 可改变亮度