

Figure - 开发 Dev #111194

开发 Dev # 110122 (New): 【MK】管理总票
开发 Dev # 110125 (New): 【MK】【BSP】管理总票
开发 Dev # 111193 (New): 【MK】【028】【PWM】主任务
【MK】【028】【PWM】【TC-RID: 1201-0102801】PWM 驱动bring up
2022-08-11 13:32 - CD TPM-申艳艳

Status:	完成 Closed	Start date:	2022-08-11
Priority:	Normal	Due date:	2022-08-11
Assignee:	SZTS_TEST 邹涛	% Done:	100%
Category:	BSP	Estimated time:	0.00 hour
Target version:	VX1_MCE_FSE_V2.0_20220930		
Description			
请填写信息：			
■ 需求列表:			
https://thundersoft.feishu.cn/sheets/shtcnqaFykINsnMcKWLuICl3xnc			
■ 提出URL：必填			
■ 自测case：必填			
■ 注意点：需要测试注意的前提条件			

History

#1 - 2022-08-11 18:13 - SZ TPM-罗云进

- Due date set to 2022-08-11
- Assignee changed from SZ TPM-罗云进 to SZTS_TEST 邹涛
- Target version set to 588
- % Done changed from 0 to 90

■ 提出URL：<https://dev.thundercomm.com/gerrit/#/c/142173/>

■ 自测case：

- 1.烧录08/11之后的版本
- 2.烧录完开机之后，风扇会按照默认的占空比60%转

#2 - 2022-08-16 16:33 - SZTS_TEST 邹涛

- Assignee changed from SZTS_TEST 邹涛 to SZ TPM-罗云进

N代表占空比，0-100，数值越大，风扇转速越高

```
echo N>/sys/devices/platform/vendor/vendor.qcom,fan_f/pwm_duty
```

软件版本： 0.0.0.20220816_alpha_private

使用如上命令可以控制风扇转速，开机查看风扇转速，研发未提供

#3 - 2022-09-02 10:57 - SZ TPM-罗云进

- Status changed from New to 解决 Resolved
- Assignee changed from SZ TPM-罗云进 to SZTS_TEST 邹涛
- % Done changed from 90 to 100

#4 - 2022-09-16 09:55 - CD SWPM-杨宏伟

- Target version changed from 588 to VX1_MCE_FSE_V2.0_20220930

#5 - 2022-09-26 16:34 - SZTS_TEST 邹涛

- Status changed from 解决 Resolved to 完成 Closed

0924release版本验证

风扇在开机时会自动转动一次，之后跟随主板温度转动、测试过程中升温可以使用电吹风进行加热，并使用命令实时查看温度值
当前的风扇分为三档：一档转速比值102、二档153、三档204

温度对应的风扇动作：

- 1、0~49.9 风扇不动
- 2、50~60，风扇一档
- 3、60~75.风扇为二档
- 4、75以上、风扇为三档"

#6 - 2022-12-22 20:23 - CD FW-王伟

Gerrit Merge Information：

ID	Project	Branch	Uploader
142173	general/LINUX/android/vendor/qcom/proprietary	Pre_figure_turbox-c2130c-la1.1-vendor-dev	yunlong.song@thundercomm.com
BSP:PWM:Bringup PWM fan(1/2)Add the Fan device node and relative PWM in DTTC-RID: 1201-0102801IssueID: TC-R-DF-111194Change-Id: I15a197ac4908c26ca5262fda44a1469058238dc6			

#7 - 2022-12-22 20:23 - CD FW-王伟

Gerrit Merge Information：

ID	Project	Branch	Uploader
142177	general/kernel/msm-4.19	Pre_figure_turbox-c2130c-la1.1-vendor-dev	yunlong.song@thundercomm.com
BSP:PWM:Bringup PWM fan(2/2)Add relative driver for PWM fan, and you can adjust fan rate bycommand: "echo xxx >/sys/devices/platform/vendor/vendor:qcom,fan_f/pwm_duty" TC-RID: 1201-0102802IssueID: TC-R-DF-111194Change-Id: I713da9c52c247465df9d4a5a90d4b8c7a95b8d84			