

Figure - 开发 Dev #111196

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: 1201-0102803】风扇控制，温度控制策略
2022-08-11 13:34 - CD TPM-申艳艳

Status:	完成 Closed	Start date:	2022-08-11
Priority:	Normal	Due date:	2022-10-27
Assignee:	CDTS_TEST 王成	% Done:	100%
Category:	BSP	Estimated time:	0.00 hour
Target version:			
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 - 2022-09-02 10:55 - SZ TPM-罗云进
- Assignee changed from SZ TPM-罗云进 to CD BSP-唐金泽

#2 - 2022-09-02 13:25 - CD BSP-唐金泽
- Assignee changed from CD BSP-唐金泽 to CD BSP-杨澍

先添加cooling device 设备；
温度参考按照cpu结温为输入。

后续请跟进马馨，了解温控策略的具体调整

#3 - 2022-09-02 13:26 - CD BSP-唐金泽
- Status changed from New to 进行中 In Progress

#4 - 2022-09-21 11:18 - CD BSP-杜磊
- Assignee changed from CD BSP-杨澍 to CD BSP-陈杰

#5 - 2022-09-28 15:49 - CD BSP-陈杰
- Status changed from 进行中 In Progress to 完成 Closed
- Assignee changed from CD BSP-陈杰 to CDTS_TEST 王成
- % Done changed from 0 to 100

已经完成功能开发，代码已经入库，并通过软件测试。
<https://dev.thundercomm.com/gerrit/c/general/LINUX/android/vendor/qcom/proprietary/+/149823>

#6 - 2022-10-27 21:22 - CD BSP-唐金泽

- Due date set to 2022-10-27
- Status changed from 完成 Closed to 解决 Resolved
- Assignee changed from CDTS_TEST 王成 to CD BSP-陈杰

提供一下最新的温度策略，以便于测试验证

- #7 - 2022-10-28 09:26 - CD BSP-陈杰
- File 副驾屏模块温升逻辑表20221019.xlsx added
 - Assignee changed from CD BSP-陈杰 to CDTS_TEST 王成

温度策略见附件所示。

升温：大于等于70 ° 开始第一档转动，达到85 °，第二档，达到90 °，第三档；

降温：90 ° 降低到85 °，第三档，85 ° 到70 °，第二档，70 ° 到50 °，第一档，小于50 °，关闭

- #8 - 2022-12-22 20:33 - CD FW-王伟

Gerrit Merge Information :

ID	Project	Branch	Uploader
149823	general/LINUX/android/vendor/qcom/proprietary	Pre_figure_turbox-c2130c-la1.1-vendor-dev	jie.chen@thundersoft.com
BSP:PWM:Add a PWM fan to the device treeThe cooling device is implemented through the device tree. And set three gears:Below 50 :=====> 0% speed50 ~75 =====> 40% speed60 ~85 =====> 60% speedAbove 85 =====> 80% speedTC-RID: 1201-0102803IssueID: TS-R-DF-111196Change-Id: Ib406ea11e376803dd033802ee0d424f7ed0c5541			

- #9 - 2022-12-22 20:36 - CD FW-王伟

Gerrit Merge Information :

ID	Project	Branch	Uploader
151266	general/kernel/msm-4.19	Pre_figure_turbox-c2130c-la1.1-vendor-dev	dulei0503@thundersoft.com
BSP:PWM: Enable a PWM fan driverThe cooling device is implemented through the device treeAnd set three gears:Below 50 :=====> 0% speed50 ~75 =====> 40% speed60 ~85 =====> 60% speedAbove 85 =====> 80% speedTC-RID: 1201-0102803IssueID: TS-R-DF-111196Change-Id: I3811982c392eb66e51d69c9f960f3bcaab89fc35			

#10 - 2022-12-22 20:46 - CD FW-王伟

Gerrit Merge Information :

ID	Project	Branch	Uploader
158047	general/LINUX/android/vendor/qcom/proprietary	Pre_figure_turbox-c2130c-la1.1-vendor-dev	jie.chen@thundersoft.com
BSP: PWM: Modified the temperature control policy of the fanThe cooling device is implemented through the device tree. And set three gears:Below 50 : =====> 0% speed70 =====> 40% speed85 =====> 60% speed90 =====> 60% speedTC-RID: 1201-0102803IssueID: TS-R-DF-111196Change-Id: I073001ae2f3ed60eb60d3956a98718eae77a6ca3			

#11 - 2022-12-22 20:53 - CD FW-王伟

Gerrit Merge Information :

ID	Project	Branch	Uploader
162977	general/LINUX/android/vendor/qcom/proprietary	Pre_figure_turbox-c2130c-la1.1-vendor-dev	jie.chen@thundersoft.com
BSP: PWM:Add feedback node for PWM fan [2]Increase the feedback information of the fan speed,and the current fan speed can be obtained through the nodeTC-RID: 1201-0102803IssueID: TS-R-DF-111196Change-Id: I33338bacf0fc5fc327d19851e41adc2a10891b35			

#12 - 2022-12-22 20:53 - CD FW-王伟

Gerrit Merge Information :

ID	Project	Branch	Uploader
162978	general/kernel/msm-4.19	Pre_figure_turbox-c2130c-la1.1-vendor-dev	jie.chen@thundersoft.com
BSP: PWM:Add feedback node for PWM fan [1]Increase the feedback information of the fan speed,and the current fan speed can be obtained through the nodeTC-RID: 1201-0102803IssueID: TS-R-DF-111196Change-Id: Ib2af027cdee8d3db7470425fae6ed30b2fb8c0df			

#13 - 2023-01-17 15:20 - CDTS_TEST 王成

- Status changed from 解决 Resolved to 完成 Closed

Files

副驾屏模块温升逻辑表20221019.xlsx	12.2 KB	2022-10-28	CD BSP-陈杰
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