

Figure - Bug #111416

【Figure】 【EVT】 【SI】 MCU上电时序fail,关机时序未调

2022-08-23 16:10 - SZ HW Test-曾小文

|                                                                           |                           |                   |            |
|---------------------------------------------------------------------------|---------------------------|-------------------|------------|
| Status:                                                                   | CLOSED                    | Start date:       | 2022-08-23 |
| Priority:                                                                 | High                      | Due date:         | 2022-09-26 |
| Assignee:                                                                 | SZ HW Test-曾小文            | % Done:           | 90%        |
| Category:                                                                 | BSP                       | Estimated time:   | 0.00 hour  |
| Target version:                                                           | VX1_MCE_FSE_V2.0_20220930 |                   |            |
| Need_Info:                                                                | --                        | Found Version:    | 2022.08.19 |
| Resolution:                                                               | --                        | Degrated:         | --         |
| Severity:                                                                 | Major                     | Verified Version: |            |
| Reproducibility:                                                          | Every time                | Fixed Version:    |            |
| Test Type:                                                                | Release Test              | Root cause:       |            |
| Description                                                               |                           |                   |            |
| P0_2 和AP0_0上电只有0.30621S， 规格要求大于1.5S,P8_1上电至0.405V有较长平台,上电后不会掉电.<br>关机时序未调 |                           |                   |            |

History

#1 - 2022-08-23 16:27 - SZ HW Test-曾小文

- Subject changed from MCU上电时序fail,关机时序未调到 【Figure】 【EVT】 【SI】 MCU上电时序fail,关机时序未调

#2 - 2022-08-29 16:43 - SZ BSP-徐季源

已更新MCU固件，待测试

#3 - 2022-09-01 11:07 - SZ BSP-徐季源

- Status changed from New to ASSIGNED

P8\_2\_IN 有异常输入。丽果那边改了XBL，再等待测试

#4 - 2022-09-06 14:47 - SZ BSP-徐季源

- % Done changed from 0 to 80

屏的控电需要从MCU移到865，由于V1.0不再改动硬件，该问题也不会在V1.0版本MCU中修改

#5 - 2022-09-13 09:54 - SZ BSP-徐季源

- Assignee changed from SZ BSP-徐季源到 CD BSP-陈杰

#6 - 2022-09-14 11:09 - CD TPM-申艳艳

- Category set to BSP

#7 - 2022-09-23 14:58 - IOT-SP-TEST 刘颖

- Due date set to 2022-09-26

#8 - 2022-09-26 11:05 - CD BSP-陈杰

- % Done changed from 80 to 90

目前已经完成上电时序得测试，存在的问题是需要和AF加入通知下电得机制。

不包含在0930版本，属于硬件相关问题，需要硬件测试

#9 - 2022-09-27 10:04 - CDTs\_TEST 王成

- Target version set to VXL\_MCE\_FSE\_V2.0\_20220930

#10 - 2022-09-28 20:38 - CD TPM-申艳艳

- Assignee changed from CD BSP-陈杰 to SZ HW Test-曾小文

Hi 小文,  
帮忙测试一下~

#11 - 2022-10-09 17:39 - SZ HW Test-曾小文

- Assignee changed from SZ HW Test-曾小文 to 基带组\_TCTW 陳百立

复测 P8\_1比P10后下电，请确认关机时序

#12 - 2022-10-24 11:10 - 基带组\_TCTW 陳百立

- Assignee changed from 基带组\_TCTW 陳百立 to SZ HW Test-曾小文

Hi 小文,  
請驗證MCU上电时序  
陈杰之前驗證過了  
在麻煩你幫忙  
Thanks

#13 - 2022-10-28 10:01 - SZ HW Test-曾小文

- Status changed from ASSIGNED to RESOLVED

20221013号MCU版本复测PASS

#14 - 2022-10-28 10:01 - SZ HW Test-曾小文

- Status changed from RESOLVED to VERIFIED

#15 - 2022-10-28 10:02 - SZ HW Test-曾小文

- Status changed from VERIFIED to CLOSED

20221013号MCU版本复测PASS

#16 - 2022-12-22 20:38 - CD FW-王伟

Gerrit Merge Information :

| ID                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Project                                       | Branch                                    | Uploader                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-------------------------------------------|--------------------------|
| 152520                                                                                                                                                                                                                                                                                                                                                                                                                                                   | general/LINUX/android/vendor/qcom/proprietary | Pre_figure_turbox-c2130c-la1.1-vendor-dev | jie.chen@thundersoft.com |
| <p>BSP: GPIO: Used to notify the MCU to power up or downWhen the MCU controls the SOC to power up, the SOC starts topull the GPIO up to the kernel, and the MCU starts to turnon other power supplies;When the MCU controls the SOC to power down, after the SOCshuts down, pulls down the GPIO, and the MCU begins to turnoff other power supplies.TC-RID: 1201-0100101IssueID: TS-R-BUG-111416Change-Id: If4c26b066d3b7b6fb9b42c375f3512c170da45f2</p> |                                               |                                           |                          |

#17 - 2022-12-22 20:38 - CD FW-王伟

Gerrit Merge Information :

| ID                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Project        | Branch                                    | Uploader                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------------------------------------------|--------------------------|
| 152609                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Pre_figure/mcu | Pre_figure_turbox-c2130c-la1.1-vendor-dev | jie.chen@thundersoft.com |
| <p>BSP:MCU: MCU code buring up, storage, and feature integrationThis commit protects the following functions:1. Buring up of MCU code2. Solve the power-on and power-on sequence bug3. Increase the voltage protection function4. MCU firmware upgrade functionTC-RID: 1201-0102701TC-RID: 1201-0102703TC-RID: 1201-0102704IssueID: TS-R-BUG-111416IssueID: TS-R-BUG-111734IssueID: TS-R-BUG-111732IssueID: TS-R-BUG-112002IssueID: TS-R-DF-111421IssueID: TS-R-DF-112099IssueID: TS-R-DF-110660IssueID: TS-R-DF-110663IssueID: TS-R-DF-110664Change-Id: Iacb3bbd40b9278405f21f5d34d741dfe08c3c4ff</p> |                |                                           |                          |

#18 - 2022-12-22 20:39 - CD FW-王伟

Gerrit Merge Information :

| ID     | Project               | Branch                                    | Uploader                 |
|--------|-----------------------|-------------------------------------------|--------------------------|
| 152787 | general/vendor/tc/mcu | Pre_figure_turbox-c2130c-la1.1-vendor-dev | jie.chen@thundersoft.com |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |       |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------|--|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | r-dev |  |
| <p>BSP: MCU: Add firmware for MCU programming and upgradeThe firmware version information is V0.0.1, which is the initial version. Implementation function:1. Increase the power-on sequence2. Increase the voltage protection function3. Add version informationTC-RID: 1201-0102701TC-RID: 1201-0102703TC-RID: 1201-0102704IssueID: TS-R-BUG-111416IssueID: TS-R-BUG-111734IssueID: TS-R-BUG-111732IssueID: TS-R-BUG-112002IssueID: TS-R-DF-111421IssueID: TS-R-DF-112099IssueID: TS-R-DF-110660IssueID: TS-R-DF-110663IssueID: TS-R-DF-110664Change-Id: I047b1483f36d87a7a080b1470eb836cbc620a06e</p> |  |       |  |

#19 - 2022-12-22 20:40 - CD FW-王伟

Gerrit Merge Information :

| ID                                                                                                                                                                                                                                                                                                                                 | Project                                       | Branch                                    | Uploader                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-------------------------------------------|--------------------------|
| 154060                                                                                                                                                                                                                                                                                                                             | general/LINUX/android/vendor/qcom/proprietary | Pre_figure_turbox-c2130c-la1.1-vendor-dev | jie.chen@thundersoft.com |
| <p>BSP: GPIO: Solve the problem that GPIO59 cannot be pulled upBecause the GPIO device tree is not used to resolve the GPIOdevice tree node after configuring the GPIO device tree, theGPIO state device does not take effect.TC-RID: 1201-0100101IssueID: TS-R-BUG-111416Change-Id: Ic356193edde683af3fd932e8966e6f6f431c4c25</p> |                                               |                                           |                          |

#20 - 2022-12-22 20:42 - CD FW-王伟

Gerrit Merge Information :

| ID     | Project        | Branch                                    | Uploader                 |
|--------|----------------|-------------------------------------------|--------------------------|
| 154928 | Pre_figure/mcu | Pre_figure_turbox-c2130c-la1.1-vendor-dev | jie.chen@thundersoft.com |
|        |                |                                           |                          |

BSP:MCU: Functional integration version of the MCUThis version contains the following functions:1.Improve the overvoltage protection function and increase the over-voltage protection communication with the MMU;2.Improve the function of power-on and power-up sequence, and fix the problem that the boot screen is not displayed;3.increase the can communication through, currently only open the can's transceiver, there is no integration of other can's functions.TC-RID: 1201-0102701TC-RID: 1201-0102703TC-RID: 1201-0102704IssueID: TS-R-BUG-111416IssueID: TS-R-BUG-111734IssueID: TS-R-BUG-111732IssueID: TS-R-BUG-112002IssueID: TS-R-DF-111421IssueID: TS-R-DF-112099IssueID: TS-R-DF-110660IssueID: TS-R-DF-110663IssueID: TS-R-DF-110664Change-Id: I0c7022c0c6e09e54f1b390deb1fb0df27ece4a38

#21 - 2022-12-22 20:43 - CD FW-王伟

Gerrit Merge Information :

| ID                                                                                                                                                                                                                                                                                                                                                                                                       | Project                                       | Branch                                    | Uploader                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-------------------------------------------|---------------------------|
| 155323                                                                                                                                                                                                                                                                                                                                                                                                   | general/LINUX/android/vendor/qcom/proprietary | Pre_figure_turbox-c2130c-la1.1-vendor-ftm | dulei0503@thundersoft.com |
| <p>BSP: GPIO: Solve the problem that GPIO59 cannot be pulled upBecause the GPIO device tree is not used to resolve the GPIO device tree node after configuring the GPIO device tree, the GPIO state device does not take effect.TC-RID: 1201-0100101IssueID: TS-R-BUG-111416Change-Id: Ic356193edde683af3fd932e8966e6f6f431c4c25(cherry picked from commit a4dd00f6f17aafc2d3c6bdc37e12cc39a5810c71)</p> |                                               |                                           |                           |