

Status:	CLOSED	Start date:	2022-08-23
Priority:	High	Due date:	2022-11-03
Assignee:	项目二组_SD3 曾小文	% Done:	0%
Category:	依赖软件规避的bug	Estimated time:	0.00 hour
Target version:			
Need_Info:	--	Found Version:	20221108
Resolution:	FIXED	Degrated:	No
Severity:	Major	Verified Version:	
Reproducibility:	Every time	Fixed Version:	
Test Type:	Release Test	Root cause:	由于ADC配置参数原因导致读取数据有差异导致,
Description			
静态电流：上电就有100mA电流， Mcu深度休眠955uA,标准小于300uA			

History

#1 - 2022-08-26 10:44 - SZ-硬件二组_SD3 王苗

硬件修改方案 NC R14217 R14218 R14213 R14214 ,同时R2344改为866K,R2530改为100K复测电流在300uA以内。

#2 - 2022-08-26 10:45 - SZ-硬件二组_SD3 王苗

- Assignee changed from SZ-硬件二组_SD3 王苗 to SZ HW Test-曾小文

硬件修改方案 NC R14217 R14218 R14213 R14214 ,同时R2344改为866K,R2530改为100K复测电流在300uA以内。

#3 - 2022-08-27 12:00 - SZ HW Test-曾小文

- Assignee changed from SZ HW Test-曾小文 to SZ-硬件二组_SD3 王苗

请走正常流程分析关闭该BUG，请不要直接转给我。

#4 - 2022-09-05 11:02 - 项目二组_SD3 曾小文

- Status changed from New to RESOLVED

改硬件复测PASS

#5 - 2022-09-05 11:49 - 项目二组_SD3 曾小文

- Status changed from RESOLVED to VERIFIED

#6 - 2022-09-05 11:49 - 项目二组_SD3 曾小文

- Status changed from VERIFIED to CLOSED

#7 - 2022-09-14 11:49 - CD TPM-申艳艳

- Category set to EE

#8 - 2022-10-31 18:05 - SZ HW Test-曾小文

- Category changed from EE to 依赖软件规避的bug

- Status changed from CLOSED to New

- Assignee changed from SZ-硬件二组_SD3 王苗 to CD BSP-陈杰

EVT2复测：静态电流：MCU关闭，漏电流1.6mA 标准<0.3mA

#9 - 2022-11-01 15:22 - CD BSP-陈杰

- Assignee changed from CD BSP-陈杰 to SZ-硬件二组_SD3 王苗

通过设置MCU，发现电流不改变，询问FAE回复MCU进入深度睡眠不需要去关闭MCU内部的模块，所以和MCU内部模块没有影响，还需要硬件进行调查一下。

#10 - 2022-11-02 11:27 - SZ-硬件二组_SD3 王苗

- Status changed from New to ASSIGNED

- Assignee changed from SZ-硬件二组_SD3 王苗 to CD BSP-陈杰

硬件已经排查，硬件影响电流为 $(1.8\text{mA}-0.736\text{mA})=1.064\text{mA}$ ，硬件会,NC R14092和R14133;MCU还有 $(0.736-0.086)=0.65\text{mA}$,需要排查

#11 - 2022-11-02 16:36 - IOT-SP-TEST 刘颖

- Due date set to 2022-11-03

#12 - 2022-11-02 17:02 - CD BSP-陈杰

目前已经解决问题，版本需要等到后天才出。

#13 - 2022-11-08 14:29 - CD BSP-陈杰

- Status changed from ASSIGNED to RESOLVED

- Assignee changed from CD BSP-陈杰 to IOT-SP-TEST 刘颖

- Resolution changed from -- to FIXED

- Found Version changed from 2022.08.07 to 20221108

- Degraded changed from -- to No

目前问题已经解决

#14 - 2022-11-08 14:38 - CD BSP-陈杰

- Assignee changed from IOT-SP-TEST 刘颖 to 项目二组_SD3 曾小文

#15 - 2022-11-10 19:30 - CD BSP-陈杰

- Root cause set to 由于ADC配置参数原因导致读取数据有差异导致，修改配置参数后，读取数据正常。

#16 - 2022-11-16 20:06 - CD BSP-唐金泽

- Status changed from *RESOLVED* to *VERIFIED*

#17 - 2022-11-17 16:07 - SZ HW Test-曾小文

- Status changed from *VERIFIED* to *CLOSED*

EVT2 更新MCU和Irework硬件后复测PASS

#18 - 2022-12-22 20:49 - CD FW-王伟

Gerrit Merge Information :

ID	Project	Branch	Uploader
159828	Pre_figure/mcu	Pre_figure_turbox-c2130c-la1.1-vendor-dev	jie.chen@thundersoft.com
BSP: MCU: Fixed the issue of excessive standby currentSince the RTC clock is enabled in the latest MCU configuration, thestandby current is greater than the standby current at EVT1, and thecurrent reaches the set value when the RTC clock is turned off.Bin version: V0.0.3TC-RID: 1201-0102704IssueID: TS-R-BUG-111423Change-Id: I9abed3370d6bac126fd5c2ba78f6d4f71d1041f0			

#19 - 2022-12-22 20:49 - CD FW-王伟

Gerrit Merge Information :

ID	Project	Branch	Uploader
159840	general/vendor/tc/mcu	Pre_figure_turbox-c2130c-la1.1-vendor-dev	scm@thundersoft.com
BSP: MCU: Fixed the issue of excessive standby currentSince the RTC clock is enabled in the latest MCU configuration, thestandby current is greater than the standby current at EVT1, and thecurrent reaches the set value when the RTC clock is turned off.Bin version: V0.0.3TC-RID: 1201-0102704IssueID: TS-R-BUG-111423Change-Id: Iadef0ab3c323da420d0152b0331ce71f4306dac5			

#20 - 2022-12-22 20:52 - CD FW-王伟

Gerrit Merge Information :

ID	Project	Branch	Uploader
161827	Pre_figure/mcu	Pre_figure_turbox-c2130c-la1.1-vendor-dev	jie.chen@thundersoft.com

BSP: MCU:Fixed logic on the MCU when powering up for the first timeFixed the issue that the MCU could not enter deep sleep every time itwas powered on.Bin
version: V0.0.5TC-RID: 1201-0102704IssueID: TS-R-BUG-111423Change-Id: I982e2185d763dc137d3e31fd2816f20b036de6e7

#21 - 2022-12-22 20:52 - CD FW-王伟

Gerrit Merge Information :

ID	Project	Branch	Uploader
162282	general/vendor/tc/mcu	Pre_figure_turbox-c2130c-la1.1-vendor-dev	scm@thundersoft.com
BSP: MCU:Fixed logic on the MCU when powering up for the first timeFixed the issue that the MCU could not enter deep sleep every time itwas powered on.Bin version: V0.0.5TC-RID: 1201-0102704IssueID: TS-R-BUG-111423Change-Id: I282af5d92363f14892932e497eb94dd5c0303d91			