

Figure - Bug #112002

【Figure】【EVT】【电气性能】E04 抛负载：试验中，WiFi，蓝牙，视频和以太网功能失效，试验后，重新上电操作，WiFi，蓝牙，视频和以太网功能正常。

2022-09-16 15:16 - SZ HW Test-曾小文

Status:	CLOSED	Start date:	2022-09-16
Priority:	High	Due date:	2022-09-28
Assignee:	SZ-硬件二组_SD3 王苗	% Done:	100%
Category:	BSP	Estimated time:	0.00 hour
Target version:	依赖硬件的bugList	Found Version:	2022.08.25
Need_Info:	--	Degrated:	No
Resolution:	FIXED	Verified Version:	
Severity:	Major	Fixed Version:	
Reproducibility:	Every time	Root cause:	过压欠压保护功能不完善导致，目前修改代码已经
Test Type:	Release Test		
Description			
需要增加记忆功能，能自动恢复			

History

- #1 - 2022-09-16 15:38 - CD BSP-唐金泽
- File Q / HH-TS002-2022_电子电气零部件环境可靠性规范.pdf added
 - Status changed from New to ASSIGNED
 - Assignee changed from CD BSP-唐金泽 to CD BSP-陈杰

CLASS C:要求所有功能能自动恢复，CLASS A：要求无任何异常

硬件要求16V保护，27V保护后电压下降到16V以内，要求所有功能能自动恢复，但是实际上要手动开关机恢复

超过9~16V保护，保护解除后自动恢复

- #2 - 2022-09-26 10:57 - CD BSP-陈杰
- Due date set to 2022-09-28
 - % Done changed from 0 to 80

目前已经完成过压欠压保护得功能开发，本地测试已完成。现在未集成记忆功能，classC中得恢复断电前得功能未包含，classA已经包含。

- #3 - 2022-09-26 16:01 - CD BSP-陈杰
- File FigureApp.mot added

- #4 - 2022-09-27 11:22 - 物联网项目组-RD3_CDTs 周飞
- Target version set to 依赖硬件的bugList

- #5 - 2022-10-18 10:08 - CD BSP-陈杰
- File FigureV0.0.1.20221013.1.mot added
 - Status changed from ASSIGNED to RESOLVED
 - Assignee changed from CD BSP-陈杰 to SZ-硬件二组_SD3 王苗
 - % Done changed from 80 to 100
 - Resolution changed from -- to FIXED
 - Degrated changed from -- to No

- Root cause set to 过压欠压保护功能不完善导致，目前修改代码已经完成。

已经在实验室测试通过，待出报告

#6 - 2022-10-21 13:50 - SZ HW Test-曾小文
- Status changed from RESOLVED to VERIFIED

12V风扇改成5V风扇，增加记忆功能后，王苗在中认联实验室复测PASS

#7 - 2022-10-21 13:51 - SZ HW Test-曾小文
- Status changed from VERIFIED to CLOSED

#8 - 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
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			

#9 - 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

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

#10 - 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

Files			
Q / HH-TS002-2022_电子电气零部件环境可靠性规范.pdf	4.23 MB	2022-09-16	CD BSP-唐金泽
FigureApp.mot	77.5 KB	2022-09-26	CD BSP-陈杰
FigureV0.0.1.20221013.1.mot	299 KB	2022-10-18	CD BSP-陈杰