

Figure - Bug #111886

【Figure】【EVT】【电气性能】E13 接插件中断：单独插拔GMSL显示屏不能恢复，需重启恢复。组合插拔无端口及显示，需重启恢复，不满足Class C.

2022-09-09 17:55 - SZ HW Test-曾小文

Status:	CLOSED	Start date:	2022-09-09
Priority:	High	Due date:	
Assignee:	移动测试一组_CDTs 刘强	% Done:	0%
Category:	BSP	Estimated time:	0.00 hour
Target version:	VX1_MCE_FSE_V3.0_update_20221130	Found Version:	2022.09.04 2022.10.28
Need_Info:	--	Degraded:	--
Resolution:	FIXED	Verified Version:	
Severity:	Major	Fixed Version:	
Reproducibility:	Every time	Root cause:	touch初始化失败，重新初始化
Test Type:	Release Test		
Description			
E13 接插件中断：单独插拔GMSL显示屏不能恢复，需重启恢复。组合插拔无端口及显示，需重启恢复，不满足Class C.			

History

- #1 - 2022-09-13 23:43 - CD BSP-唐金泽
- Category set to BSP
 - Assignee changed from CD BSP-唐金泽 to CD BSP-陈杰
- #2 - 2022-09-13 23:49 - CD BSP-唐金泽
- Status changed from New to ASSIGNED
 - Assignee changed from CD BSP-陈杰 to CD BSP-余霄
- #3 - 2022-09-23 16:38 - IOT-SP-TEST 刘颖
- Assignee changed from CD BSP-余霄 to CD TPM-申艳艳

属于Class C

- #4 - 2022-09-26 11:07 - CD TPM-申艳艳
- Assignee changed from CD TPM-申艳艳 to CD BSP-余霄

Hi 余霄，
这个是单纯GMSL拔插恢复，帮忙调查

- #5 - 2022-09-26 16:30 - CD BSP-余霄

确认原因重新插入后96752X,寄存器0x01CE默认值与初始化设置的值不匹配导致画面无输出。

- #6 - 2022-09-26 18:33 - CD BSP-余霄
- File 飞书20220926-183331.png added

- #7 - 2022-09-27 11:15 - 物联网项目组-RD3_CDTs 周飞

- Target version set to VX1_MCE_FSE_V2.0_20220930

#8 - 2022-09-28 18:31 - 物联网项目组-RD3_CDTs 周飞

- Target version changed from VX1_MCE_FSE_V2.0_20220930 to VX1_MCE_FSE_V2.0_update_20221012

#9 - 2022-10-09 10:41 - CD BSP-余霄

进展：

目前插拔后，显示能自动恢复，touch无法使用

分析：

与硬件确认

插拔后执行 reset操作 然后重新执行初始化流程

计划：

在max96755测 实现touch reset操作

#10 - 2022-10-12 14:28 - CD BSP-余霄

- Assignee changed from CD BSP-余霄 to CDTs_TEST 王成

进行touch reset后 驱动会crash

需要与touch供应商以及屏幕供应商沟通详细原因

请帮忙调整一下时间

#11 - 2022-10-12 15:22 - CDTs_TEST 王成

- Target version changed from VX1_MCE_FSE_V2.0_update_20221012 to VX1_MCE_FSE_V3.0_update_20221130

#12 - 2022-10-17 15:26 - CD BSP-余霄

定位原因为touch驱动reset流程问题

目前修改逻辑，问题已修复

代码待入库

<https://dev.thundercomm.com/gerri/c/general/kernel/msm-4.19/+/#154363>

#13 - 2022-10-18 10:23 - CDTs-TEST 周婷

- Assignee changed from CDTs_TEST 王成 to CD BSP-余霄

请更改状态

#14 - 2022-10-19 10:05 - CD BSP-余霄

- Status changed from ASSIGNED to RESOLVED

#15 - 2022-10-19 10:21 - CD BSP-余霄

- Assignee changed from CD BSP-余霄 to CDTs_TEST 王成

已修复该问题

代码:

<https://dev.thundercomm.com/gerrit/c/general/kernel/msm-4.19/+154363>

版本 :

ftp://cdiot@192.168.87.46/Pre_figure/VerifyBuild/Pre_figure_turbox-c2130c-la1.1-qssi12-dev/20221018/202210181821-1785/FlatBuild_VX1_MCE_xx.xx_FSE.V.userdebug.0.0.0.20221018.alpha.zip

#16 - 2022-10-21 13:34 - SZ HW Test-曾小文

- Status changed from RESOLVED to VERIFIED

- Assignee changed from CDTs_TEST 王成 to SZ HW Test-曾小文

单独和组合插拔GMSL，能自动恢复（userdebug.0.0.0.20221018版本复测PASS。）

#17 - 2022-10-21 13:34 - SZ HW Test-曾小文

- Status changed from VERIFIED to CLOSED

#18 - 2022-10-28 17:31 - 移动测试一组_CDTs 刘强

- Status changed from CLOSED to New

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

- Found Version changed from 2022.09.04 to 2022.09.04

2022.10.28

版本号：01.00.X101_20221028_private_user

开机后连接显示器，触控不能使用

复现步骤

1. 设备开机（不连显示器）
2. 插入显示器
3. 按电源键点亮屏幕
4. 操作滑动显示器

结果：

屏幕有画面，触控不可用

#19 - 2022-11-01 19:19 - CD BSP-余霄

- Status changed from New to RESOLVED

修改touch初始化逻辑，自验证OK

<https://dev.thundercomm.com/gerrit/c/general/kernel/msm-4.19/+159208>

待代码入库后，转入测试验证

#20 - 2022-11-17 18:41 - CD BSP-余霄

- Assignee changed from CD BSP- 余霄 to 移动测试一组_CDTS 刘强
- Resolution changed from -- to FIXED
- Root cause set to touch初始化失败，重新初始化

代码已合入，请使用11-18版本验证

- #21 - 2022-11-28 10:28 - SZ HW Test-曾小文
- Status changed from RESOLVED to VERIFIED

EVT2复测PASS

- #22 - 2022-11-28 10:28 - SZ HW Test-曾小文
- Status changed from VERIFIED to CLOSED

- #23 - 2022-12-22 20:41 - CD FW-王伟

Gerrit Merge Information :

ID	Project	Branch	Uploader
154363	general/kernel/msm-4.19	Pre_figure_turbox-c2130c-la1.1-vendor-dev	xiao.yu@thundersoft.com
BSP:LCD: Fix the display class C problemAdd error detection processingTC-RID: 1201-0100501IssueID: TS-R-DF-111886Change-Id: I1d68b3d052b72a5c01637a57e3f4f655a7ab7b2f			

- #24 - 2022-12-22 20:48 - CD FW-王伟

Gerrit Merge Information :

ID	Project	Branch	Uploader
159208	general/kernel/msm-4.19	Pre_figure_turbox-c2130c-la1.1-vendor-dev	xiao.yu@thundersoft.com
BSP:LCD: Support VX1 plug-in video cable after bootingCytsp probe can auto restartTC-RID: 1201-0100501IssueID: TS-R-DF-111886Change-Id: I2705d1d24d5d237997da23f81ae7d2bbf85bd517			

- #25 - 2022-12-22 20:52 - CD FW-王伟

Gerrit Merge Information :

ID	Project	Branch	Uploader
161710	general/kernel/msm-4.19	Pre_figure_turbox-c2130c-la1.1-vendor-dev	xiao.yu@thundersoft.com

BSP:LCD: Support VC1 plug-in video cable after bootingAfter the system is started, inserting GMSL canautomatically restore the display and touchTC-RID:
1201-0100501IssueID: TS-R-DF-111886Change-Id: I00edbba60cc6819d6a8181e778f98c49e33ca8b6

Files			
飞书20220926-183331.png	28.4 KB	2022-09-26	CD BSP-余霄