

Figure - 开发 Dev #114628

开发 Dev # 110122 (New): 【MK】管理总票
开发 Dev # 110125 (New): 【MK】【BSP】管理总票
开发 Dev # 110654 (进行中 In Progress): 【MK】【005】【LCD】主任务
【MK】【005】【LCD】【TC-RID: 1201-0100501】Display DTC 状态检测
2022-12-16 10:28 - CD BSP-余霄

Status:	完成 Closed	Start date:	2022-12-16
Priority:	Normal	Due date:	
Assignee:	CD BSP-杜磊	% Done:	100%
Category:	BSP	Estimated time:	0.00 hour
Target version:			
Description			
增加I2C检测Display相关功能			
开发步骤			
1.在LOG中添加相关日志打印			
2.确认上传到云端方案，提供相应接口			

History

#1 - 2022-12-16 10:52 - CD BSP-余霄

目前驱动中已将状态检测添加到心跳包中

code :
<https://dev.thundercomm.com/gerrit/c/general/kernel/msm-4.19/+169137>

新增心跳包获取display状态相关寄存器，并打印到LOG中

dmesg | grep DTC_Display,DTC_TP
打印如下:

DTC_Display:FSE_DisplayScreen_St=XX
DTC_Display:FSE_BacklightSw_St=XX
DTC_Display:FSE_BacklightGradual_St=XX
DTC_Display:FSE_BrightnessLim_St=XX
DTC_Display:FSE_Backlight_Val=XX
DTC_Display:FSE_ScreenTemp_Val=XX
DTC_Display:FSE_BatteryVol_Val=XX
DTC_Display:FSE_Lock_Fault_Rsp=XX

#2 - 2022-12-19 15:08 - CD BSP-余霄
- Assignee set to CD BSP-余霄

#3 - 2023-01-13 11:01 - CD BSP-杜磊
- Subject changed from 【MK】【005】【LCD】【TC-RID: 1201-0100501】Display 状态检测 to 【MK】【005】【LCD】【TC-RID: 1201-0100501】Display DTC 状态检测

#4 - 2023-02-25 11:05 - CD BSP-杜磊
- Assignee changed from CD BSP-余霄 to CD BSP-杜磊

- % Done changed from 0 to 70

#5 - 2023-02-28 11:23 - IoT scm

Gerrit Merge Information :

ID	Project	Branch	Uploader
179318	general/kernel/msm-4.19	Pre_figure_turbox-c2130c-la1.1-vendor-dev	xiao.yu@thundersoft.com
BSP:Display: VC1 display/TP DTC DiagnosticsVC1 Display/TP DTC DiagnosticsTC-RID: 1201-0100501IssueID: TS-R-DF-114628Change-Id: Icc2e604e336985f1b43f4cac761bab1ee8d53251			

#6 - 2023-02-28 11:24 - CD BSP-杜磊

- Status changed from 进行中 In Progress to 解决 Resolved

- % Done changed from 70 to 100

#7 - 2023-02-28 11:25 - CD BSP-杜磊

- Category set to BSP

#8 - 2023-04-18 20:16 - IoT scm

Gerrit Merge Information :

ID	Project	Branch	Uploader
194495	general/kernel/msm-4.19	Pre_figure_turbox-c2130c-la1.1-vendor-ftm_v0090	dulei0503@thundersoft.com
BSP:Display: Optimize VC1 lcd DTC diagnosisWhen lcd power-down or data cable disconnect, stopdtc diagnosis checking workqueue.Avoid outputting a large number of i2c error logs.TC-RID: 1201-0100501IssueID: TS-R-DF-114628Change-Id: I2aee473cdfec8124bf45a43fe139e9593a49ce8d			

#9 - 2023-04-19 13:19 - IoT scm

Gerrit Merge Information :

ID	Project	Branch	Uploader
194652	general/kernel/msm-4.19	Pre_figure_turbox-c2130c-la1.1-vendor-ftm_v0090	dulei0503@thundersoft.com
BSP:Display: Optimize VC1 lcd DTC diagnosis2When lcd power-down or data cable disconnect, stopdtc diagnosis checking workqueue.Avoid outputting a large number of i2c error logs.TC-RID: 1201-0100501IssueID: TS-R-DF-114628Change-Id: I2fdf4c21ac6b8ff798d0351bf1b287c27316d59d			

#10 - 2023-05-04 11:10 - IoT scm

Gerrit Merge Information :

ID	Project	Branch	Uploader
197361	general/kernel/msm-4.19	Pre_figure_turbox-c2130c-la1.1-vendor-ftm_v0095	dulei0503@thundersoft.com
BSP:Display: Optimize VC1 lcd DTC diagnosisWhen lcd power-down or data cable disconnect, stopdtc diagnosis checking workqueue.Avoid outputting a large number of i2c error logs.TC-RID: 1201-0100501IssueID: TS-R-DF-114628Change-Id: I2aee473cdfec8124bf45a43fe139e9593a49ce8d			

#11 - 2023-05-08 15:10 - IoT scm

Gerrit Merge Information :

ID	Project	Branch	Uploader
194479	general/kernel/msm-4.19	Pre_figure_turbox-c2130c-la1.1-vendor-dev	dulei0503@thundersoft.com
BSP:Display: Optimize VC1 lcd DTC diagnosis and driver init1.Adjust max96755 driver initialization process.2.When lcd power-down or data cable disconnect, stopdtc diagnosis checking workqueue. Avoid outputting alarge number of i2c error logs.TC-RID: 1201-0100501IssueID: TS-R-DF-114628Change-Id: I2aee473cdfec8124bf45a43fe139e9593a49ce8d			

#12 - 2023-05-11 10:37 - CD BSP-杜磊

- Status changed from 解决 Resolved to 完成 Closed

#13 - 2023-06-30 19:25 - IoT scm

Gerrit Merge Information :

ID	Project	Branch	Uploader
210929	general/kernel/msm-4.19	Pre_figure_turbox-c2130c-la1.1-vendor-dev	xiao.yu@thundersoft.com
BSP:Display: Fix some black screen issues1.Fix some black screen issues2.Add reinforcement logTC-RID: 1201-0100501IssueID: TS-R-DF-114628, IOVDEV-35971Change-Id: I7c0ee7ad64fcb2d6fad75427da46e56ed3f07dd6			

#14 - 2023-06-30 19:26 - IoT scm

Gerrit Merge Information :

ID	Project	Branch	Uploader
211630	general/kernel/msm-4.19	Pre_figure_turbox-c2130c-la1.1-vendor-release_sorp	wangxl0510@thundersoft.com

BSP:Display: Fix some black screen issues1.Fix some black screen issues2.Add reinforcement logTC-RID: 1201-0100501IssueID: TS-R-DF-114628, IOVDEV-35971Change-Id: I7c0ee7ad64fcb2d6fad75427da46e56ed3f07dd6(cherry picked from commit 2ef28a8dab6d63a14bb75d72365ec99c90abb427)

#15 - 2023-07-04 17:31 - IoT scm

Gerrit Merge Information :

ID	Project	Branch	Uploader
212169	general/kernel/msm-4.19	Pre_figure_turbox-c2130c-la1.1-vendor-dev	xiao.yu@thundersoft.com
BSP:Display: Fix the problem of false triggering of DTC1.Fix the problem of false triggering of DTC2.Add video register check stageTC-RID: 1201-0100501IssueID: TS-R-DF-114628, IOVDEV-35971Change-Id: I00c76d1059c05ed6e39b1691e949a35a6d34ca85			

#16 - 2023-07-05 21:24 - IoT scm

Gerrit Merge Information :

ID	Project	Branch	Uploader
212458	general/kernel/msm-4.19	Pre_figure_turbox-c2130c-la1.1-vendor-release_sorp	wangxl0510@thundersoft.com
BSP:Display: Fix the problem of false triggering of DTC1.Fix the problem of false triggering of DTC2.Add video register check stageTC-RID: 1201-0100501IssueID: TS-R-DF-114628, IOVDEV-35971Change-Id: I00c76d1059c05ed6e39b1691e949a35a6d34ca85(cherry picked from commit 893335c26bc6c5a0400b33ce172fd22dbffd1f7b)			

#17 - 2023-07-06 21:33 - IoT scm

Gerrit Merge Information :

ID	Project	Branch	Uploader
212967	general/boot_images	Pre_figure_turbox-c2130c-la1.1-vendor-release_sorp	wangxl0510@thundersoft.com
BSP:Display: Modify the video detection solution(1/2)Detect video status information through the registerTC-RID: 1201-0100501IssueID: TS-R-DF-114628, IOVDEV-35971Change-Id: Idb544d81950019b26e481aaa742f20ce5fab765f			

#18 - 2023-07-06 21:33 - IoT scm

Gerrit Merge Information :

ID	Project	Branch	Uploader
212968	general/kernel/msm-4.19	Pre_figure_turbox-c2130c-la1.1-vendor-release_sorp	wangxl0510@thundersoft.com
BSP:Display: Modify the video detection solution(2/2)1.Detect video status information through the register2.Fix the TP restart and cannot touch the problem3.Fix the abnormal problem of CONFIG_CRC node valueTC-RID: 1201-0100501IssueID: TS-R-DF-114628, IOVDEV-35971Change-Id: I9140683dfecd120450f8bdd1e5f4885860033783			

#19 - 2023-07-07 14:05 - IoT scm

Gerrit Merge Information :

ID	Project	Branch	Uploader
212656	general/kernel/msm-4.19	Pre_figure_turbox-c2130c-la1.1-vendor-dev	xiao.yu@thundersoft.com
BSP:Display: Modify the video detection solution(2/2)1.Detect video status information through the register2.Fix the TP restart and cannot touch the problem3.Fix the abnormal problem of CONFIG_CRC node valueTC-RID: 1201-0100501IssueID: TS-R-DF-114628, IOVDEV-35971Change-Id: I9140683dfecd120450f8bdd1e5f4885860033783			

#20 - 2023-07-07 14:05 - IoT scm

Gerrit Merge Information :

ID	Project	Branch	Uploader
212668	general/boot_images	Pre_figure_turbox-c2130c-la1.1-vendor-dev	xiao.yu@thundersoft.com
BSP:Display: Modify the video detection solutionDetect video status information through the registerTC-RID: 1201-0100501IssueID: TS-R-DF-114628, IOVDEV-35971Change-Id: Idb544d81950019b26e481aaa742f20ce5fab765f			

#21 - 2023-07-07 14:47 - IoT scm

Gerrit Merge Information :

ID	Project	Branch	Uploader
213100	general/kernel/msm-4.19	Pre_figure_turbox-c2130c-la1.1-vendor-release_sorp	wangxl0510@thundersoft.com

BSP:Display: Modify the video detection solution(3/2)1.Detect video status information through the register2.Fix the TP restart and cannot touch the problem3.Fix the abnormal problem of CONFIG_CRC node valueTC-RID: 1201-0100501IssueID: TS-R-DF-114628, IOVDEV-35971Change-Id: Ib887b30a89ae912915758f98339221a05164f4ec

#22 - 2023-08-16 19:36 - IoT scm

Gerrit Merge Information :

ID	Project	Branch	Uploader
302325	general/kernel/msm-4.19	Pre_figure_turbox-c2130c-la1.1-vendor-dev	xiao.yu@thundersoft.com
BSP:Display: Add vc1 heartbeatAdd vc1 heartbeatTC-RID: 1201-0100501IssueID: TS-R-DF-114628Change-Id: lebfc05f4d92e6498fbd8b8158726972975702aa3			

#23 - 2023-08-17 19:18 - IoT scm

Gerrit Merge Information :

ID	Project	Branch	Uploader
304164	general/kernel/msm-4.19	Pre_figure_turbox-c2130c-la1.1-vendor-release_sorp	wangxl0510@thundersoft.com
BSP:Display: Add vc1 heartbeatAdd vc1 heartbeatTC-RID: 1201-0100501IssueID: TS-R-DF-114628Change-Id: lebfc05f4d92e6498fbd8b8158726972975702aa3(cherry picked from commit 69ff4e74b1f6ece939969332d892a91edcf765c5)			

#24 - 2023-10-25 16:41 - IoT scm

Gerrit Merge Information :

ID	Project	Branch	Uploader
310893	general/kernel/msm-4.19	Pre_figure_turbox-c2130c-la1.1-vendor-dev	xiao.yu@thundersoft.com
BSP:Display: VX1 Add video checkVx1 add video checkTC-RID: 1201-0100501IssueID: TS-R-DF-114628, IOVDEV-42488Change-Id: I8e69512df9fd30502480a8d07e59691f715949e5			

#25 - 2023-10-27 02:27 - IoT scm

Gerrit Merge Information :

ID	Project	Branch	Uploader
323350	general/kernel/msm-4.19	Pre_figure_turbox-c2130c-la1.1-vendor-release_sorp_mce	wangxl0510@thundersoft.com

BSP:Display: VX1 Add video checkVx1 add video checkTC-RID: 1201-0100501IssueID: TS-R-DF-114628, IOVDEV-42488Change-Id: l8e69512df9fd30502480a8d07e59691f715949e5(cherry picked from commit 4d1164fb79f80d5ead2a1688377b7283295d623d)

#26 - 2023-11-08 22:35 - IoT scm

Gerrit Merge Information :

ID	Project	Branch	Uploader
326548	general/kernel/msm-4.19	Pre_figure_turbox-c2130c-la1.1-vendor-release_sorp	wangxl0510@thundersoft.com
BSP-Display: Add backlight recheck when panel offTC-RID: 1201-0100501IssueID: TS-R-DF-114628, FIR-809Change-Id: la44ed5bb50a9464fb5c82b2199661b49ed31faa0			

#27 - 2023-11-08 22:36 - IoT scm

Gerrit Merge Information :

ID	Project	Branch	Uploader
326549	general/kernel/msm-4.19	Pre_figure_turbox-c2130c-la1.1-vendor-release_sorp_mce	wangxl0510@thundersoft.com
BSP-Display: Add backlight recheck when panel offTC-RID: 1201-0100501IssueID: TS-R-DF-114628, FIR-809Change-Id: la44ed5bb50a9464fb5c82b2199661b49ed31faa0			

Files

HH_VC1(IVCar)_FSE_IIC_Matrix_V0.3_20221214 .xlsx	101 KB	2022-12-16	CD BSP-余霄
image001.png	304 KB	2022-12-16	CD BSP-余霄