

Figure - 开发 Dev #111900

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】 背光调节Feature
2022-09-13 12:58 - CD BSP-余霄

Status:	完成 Closed	Start date:	2022-10-08
Priority:	Normal	Due date:	2022-10-22
Assignee:	CD BSP-余霄	% Done:	100%
Category:	BSP	Estimated time:	0.00 hour
Target version:			
Description			
Subtasks:			
开发 Dev # 112367: [背光调节]支持手动调节屏幕亮度，当位1-100，亮度范围10-1000cd			完成 Closed

History

#1 - 2022-09-14 13:11 - CD BSP-余霄

目前背光调节亮度
VX1:
1-16级
VC1:
0-100级

#2 - 2022-09-19 15:49 - CD BSP-余霄

根据合入兼容内容进行修改
VX1 PATCH:
<https://dev.thundercomm.com/gerrit/c/general/kernel/msm-4.19/+/150819>
<https://dev.thundercomm.com/gerrit/c/general/platform/vendor/opensource/display-drivers/+/150821/>
<https://dev.thundercomm.com/gerrit/c/general/LINUX/android/vendor/qcom/proprietary/+/150825>

VB:
ftp://cdiot@192.168.87.46/Pre_figure/VerifyBuild/Pre_figure_turbox-c2130c-la1.1-qssi12-dev/20220923/202209230020-1415/FlatBuild_VX1_MCE_xx.xx_FSE.V.userdebug.0.0.0.20220923.alpha.zip

#3 - 2022-09-23 17:45 - CD BSP-余霄

- Status changed from New to 进行中 In Progress
- Assignee set to CDTs_TEST 王成

#4 - 2022-10-27 21:45 - CD BSP-唐金泽

MCE_VX1已实现背光调节
MC1背光调节，还未实装。

#5 - 2022-11-02 23:13 - CD BSP-余霄

VC1背光调节已实现

VC1 PATCH:

<https://dev.thundercomm.com/gerrit/c/general/kernel/msm-4.19/+ /159775>

<https://dev.thundercomm.com/gerrit/c/general/LINUX/android/vendor/qcom/proprietary/+ /159776>

<https://dev.thundercomm.com/gerrit/c/general/platform/vendor/opensource/display-drivers/+ /159777>

#6 - 2022-11-02 23:14 - CD BSP-余霄

- Assignee changed from CDTS_TEST 王成 to CD BSP-余霄

#7 - 2022-11-03 10:59 - CD BSP-余霄

- Category set to BSP

- Status changed from 进行中 In Progress to 解决 Resolved

- Assignee changed from CD BSP-余霄 to CDTS_TEST 王成

- % Done changed from 0 to 70

代码已入库，请使用11.4及之后版本进行验证VC1背光调节

验证OK后，请把票转回，后续后排屏也需要更新

#8 - 2022-11-03 15:29 - CD BSP-余霄

新增节点，显示和控制背光等级

/sys/bus/i2c/devices/0-0040/max96755g/brightness_level

更改背光等级为1：

adb shell "echo 1 > /sys/bus/i2c/devices/0-0040/max96755g/brightness_level"

查看当前背光值：

adb shell "cat /sys/bus/i2c/devices/0-0040/max96755g/brightness_level"

#9 - 2022-11-04 17:26 - CDTS_TEST 刘勇

- Assignee changed from CDTS_TEST 王成 to CD BSP-余霄

- % Done changed from 70 to 80

【HW】 EVT2-VC1及VC1屏

【SW】 FlatBuild_HH_VX1_MCE_FSE.M.D.userdebug.01.00.X101.202211040244

【步骤】

1.链接wifi ADB

2.更改背光等级

更改背光等级为1：

adb shell "echo 1 > /sys/bus/i2c/devices/0-0040/max96755g/brightness_level"

查看当前背光值：

adb shell "cat /sys/bus/i2c/devices/0-0040/max96755g/brightness_level"

3更改背光等级

更改背光等级为100：

adb shell "echo 100 > /sys/bus/i2c/devices/0-0040/max96755g/brightness_level"

查看当前背光值：

adb shell "cat /sys/bus/i2c/devices/0-0040/max96755g/brightness_level"

- 4.调节屏幕亮度， 查看背光等级
- 【实际结果】
- 2.背光等级为1
- 3.背光等级为100
- 4.背光等级符合调节变化，且最大值为100，最小值为1
- 【测试结果】 节点可以显示当前背光控制等级

#10 - 2022-11-08 16:39 - CD BSP-余霄

VC1 开发完成， 等待RSE input

#11 - 2022-12-22 11:47 - CD BSP-余霄

- Status changed from 解决 Resolved to 完成 Closed

#12 - 2022-12-22 20:36 - CD FW-王伟

Gerrit Merge Information :

ID	Project	Branch	Uploader
150819	general/kernel/msm-4.19	Pre_figure_turbox-c2130c-la1.1-vendor-dev	xiao.yu@thundersoft.com
BSP:LCD: MCE Support backlight control(1/3)Disable driver settings backlightTC-RID: 1201-0100501IssueID: TS-R-DF-111900Change-Id: If7a62d502ca6c71cece910e18b95b9db8cb83ee5			

#13 - 2022-12-22 20:36 - CD FW-王伟

Gerrit Merge Information :

ID	Project	Branch	Uploader
150821	general/platform/vendor/opensource/display-drivers	Pre_figure_turbox-c2130c-la1.1-vendor-dev	xiao.yu@thundersoft.com
BSP:LCD: MCE Support backlight control(2/3)Add new type DSI_BACKLIGHT_I2CTC-RID: 1201-0100501IssueID: TS-R-DF-111900Change-Id: If38c5edb9fdf2f4bf417584888cc37edfe92bcf2			

#14 - 2022-12-22 20:36 - CD FW-王伟

Gerrit Merge Information :

ID	Project	Branch	Uploader
150825	general/LINUX/android/vendor/qcom/proprietary	Pre_figure_turbox-c2130c-la1.1-vendor-dev	xiao.yu@thundersoft.com
BSP:LCD: MCE Support backlight control(3/3)Change backlight type to bl_ctrl_i2cTC-RID: 1201-0100501IssueID: TS-R-DF-111900Change-Id: I618fe7ee208eb37e3134cdfb05ce260ff815eaf5			

#15 - 2022-12-22 20:49 - CD FW-王伟

Gerrit Merge Information :

ID	Project	Branch	Uploader
159775	general/kernel/msm-4.19	Pre_figure_turbox-c2130c-la1.1-vendor-dev	xiao.yu@thundersoft.com
BSP:LCD: FCE Support backlight control(1/3)Support driver settings backlight from i2cTC-RID: 1201-0100501IssueID: TS-R-DF-111900Change-Id: I37d413453035f9cb0b6dd16d19cf902262bc93a5			

#16 - 2022-12-22 20:49 - CD FW-王伟

Gerrit Merge Information :

ID	Project	Branch	Uploader
159776	general/LINUX/android/vendor/qcom/proprietary	Pre_figure_turbox-c2130c-la1.1-vendor-dev	xiao.yu@thundersoft.com
BSP:LCD: FCE Support backlight control(3/3)Change backlight type to bl_ctrl_i2cTC-RID: 1201-0100501IssueID: TS-R-DF-111900Change-Id: I40bb2b91f1b28237f6db8b3a8e9bc082429f09c6			

#17 - 2022-12-22 20:49 - CD FW-王伟

Gerrit Merge Information :

ID	Project	Branch	Uploader
159777	general/platform/vendor/opensource/display-drivers	Pre_figure_turbox-c2130c-la1.1-vendor-dev	xiao.yu@thundersoft.com
BSP:LCD: FCE Support backlight control(2/3)1.Adapt type DSI_BACKLIGHT_I2C2.Mapping backlight rangeTC-RID: 1201-0100501IssueID: TS-R-DF-111900Change-Id: I943828914da503031a5413c3e95acbb86ca45bc9			

#18 - 2022-12-22 20:49 - CD FW-王伟

Gerrit Merge Information :

ID	Project	Branch	Uploader
159938	general/kernel/msm-4.19	Pre_figure_turbox-c2130c-la1.1-vendor-dev	xiao.yu@thundersoft.com
BSP:LCD: Support backlight test and debugAdd brightness_level node to control and show backlightTC-RID: 1201-0100501IssueID: TS-R-DF-111900Change-Id: Ifc2a7dd9810d2eba95e1c38d6cce085e51668bf6			

