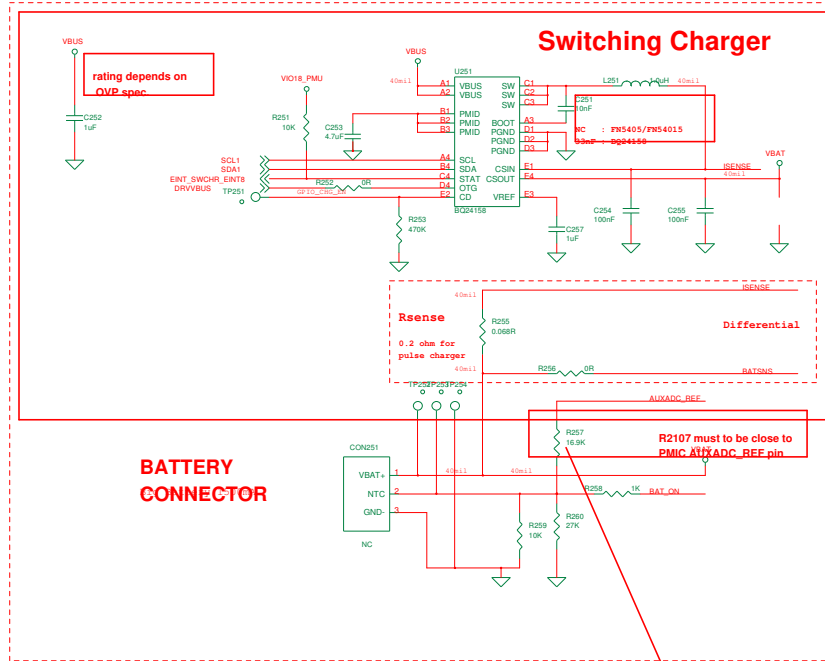
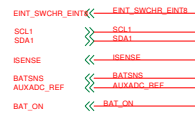


Charger IF



if battery NTC is 10kohm, R310=16.9K, R312=27K
if battery NTC is 47kohm, R310=61.9K, R312=100K
Refer to MT6350 HW design notice

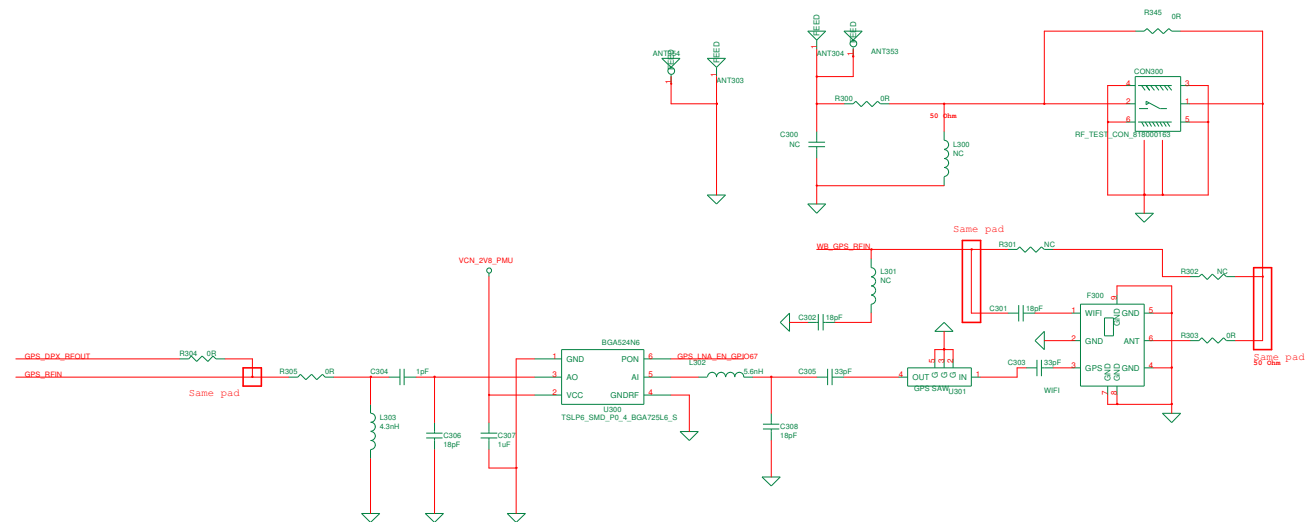
21_Charger

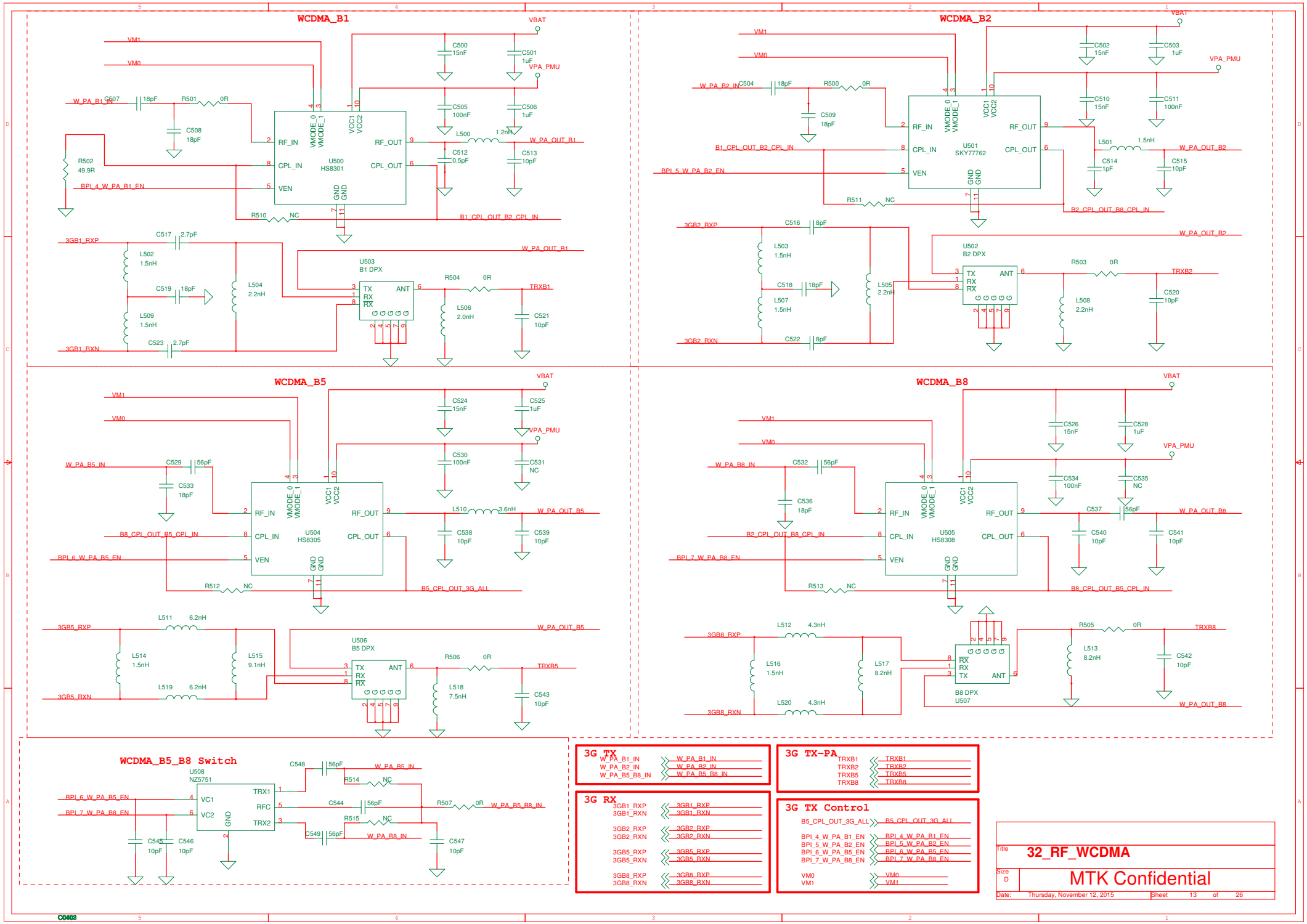
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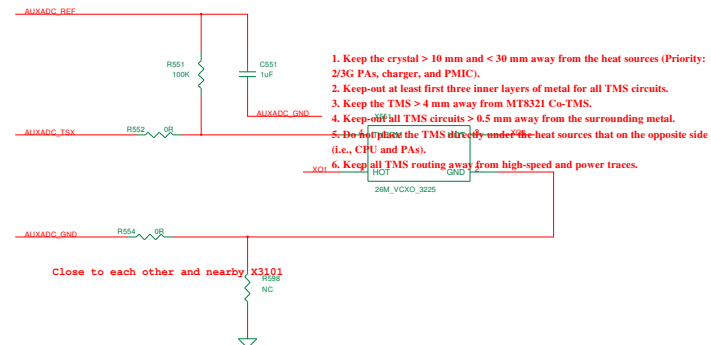
WB_GPS_RFIN << WB_GPS_RFIN
GPS_DPX_RFOUT << GPS_DPX_RFOUT
GPS_RFIN << GPS_RFIN
GPS_LNA_EN_GPICK << GPS_LNA_EN_GPICK







- 1.Route AUXADC_REF/AUXADC_TSX with 3mil trace width
- 2.Route AUXADC_REF/AUXADC_TSX as differential trace with well GND shielding
- 3.Route AUXADC_GND with 15mil trace width under AUXADC_REF/AUXADC_TSX trace to provide return current path



```
GPIO_FLASH_STB      >>> GPIO_FLASH_STB
GPIO_FLASH_EN_GPIO1 >>> GPIO_FLASH_EN_GPIO1
SCL2                 >>> SCL2
SDA2                 >>> SDA2
```

```
GPIO_FLASH_STB      >>> GPIO_FLASH_STB
GPIO_FLASH_EN_GPIO1 >>> GPIO_FLASH_EN_GPIO1
SCL2                 >>> SCL2
SDA2                 >>> SDA2
```

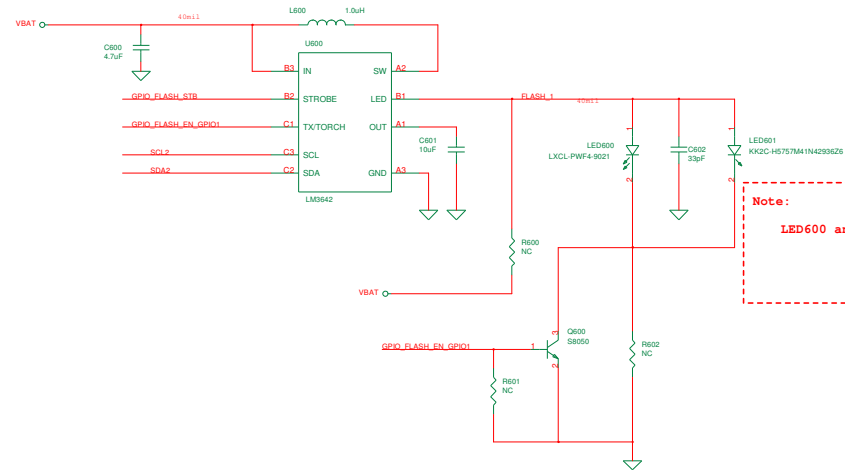
LCM_LED A << LCM_LED A
LCM_LED K << LCM_LED K

DISP_PWM0 >> DISP_PWM0

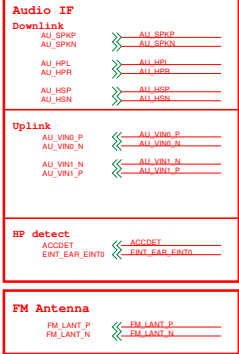
LCM_LED A << LCM_LED A
LCM_LED K << LCM_LED K

DISP_PWM0 >> DISP_PWM0

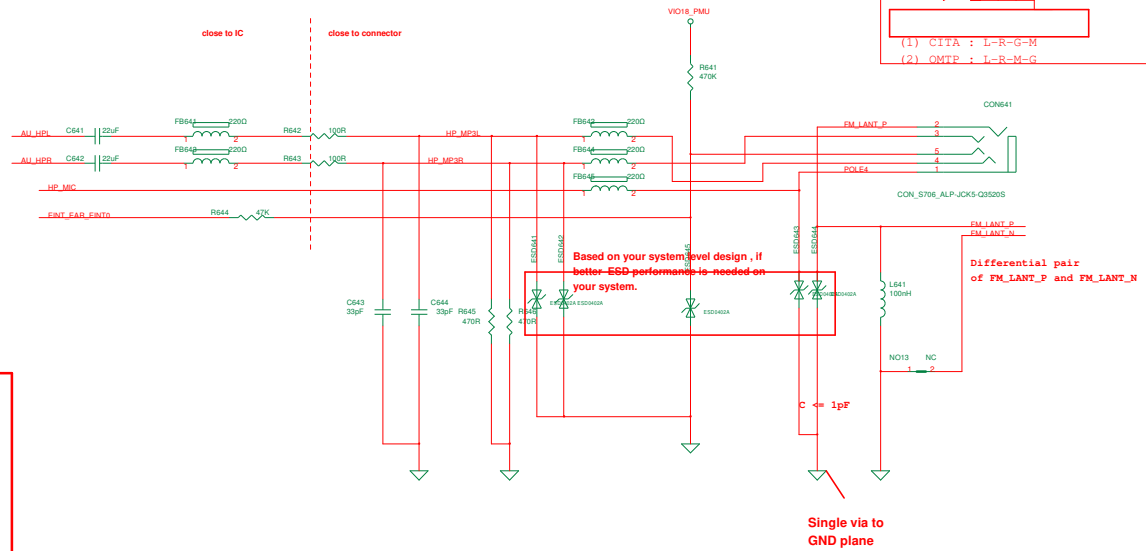
Flash LED I2C address: 0X63 (Write:0xC6, Read:0xC7)



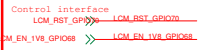
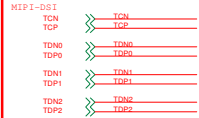
Note:
LED600 and LED601 dual layout!!



Earphone Audio



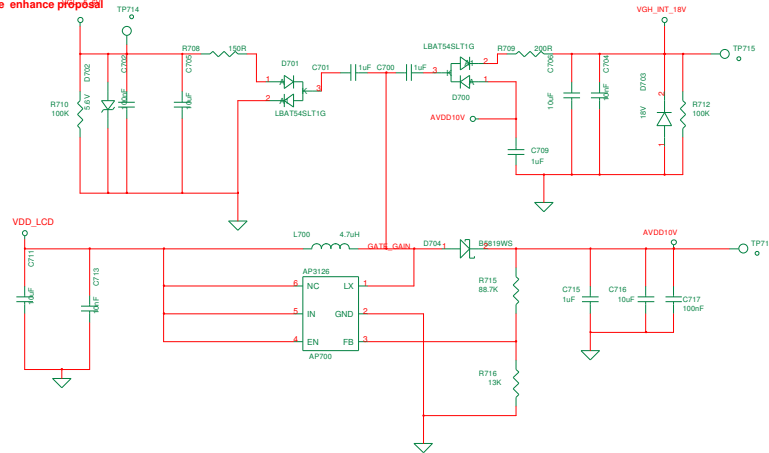
LCD interface



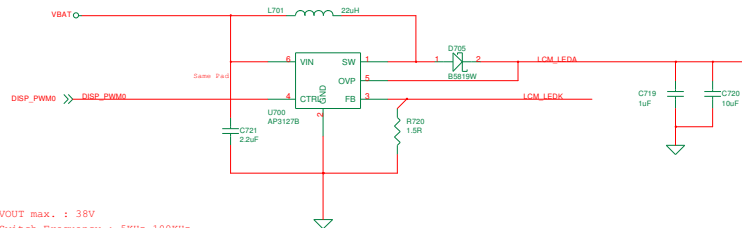
Blacklight IP



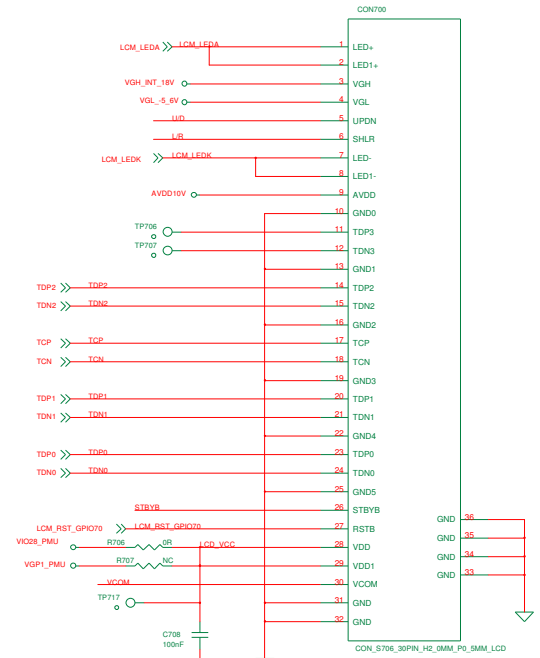
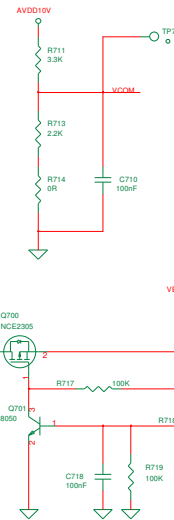
Based on your system level design , if better desense performance is needed on your system , please refer to desense performance enhance proposal



LCM Backlight LED Driver



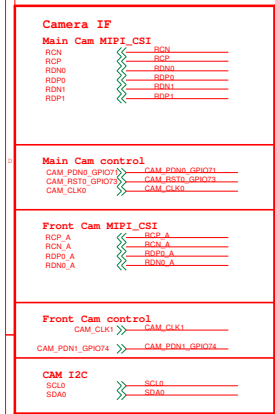
VOU max. : 38V
Switch Frequency : 5KHz~100KHz
VFB : 200mV



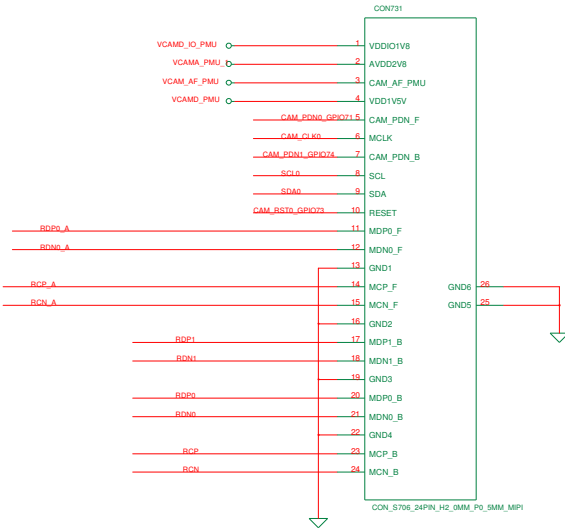
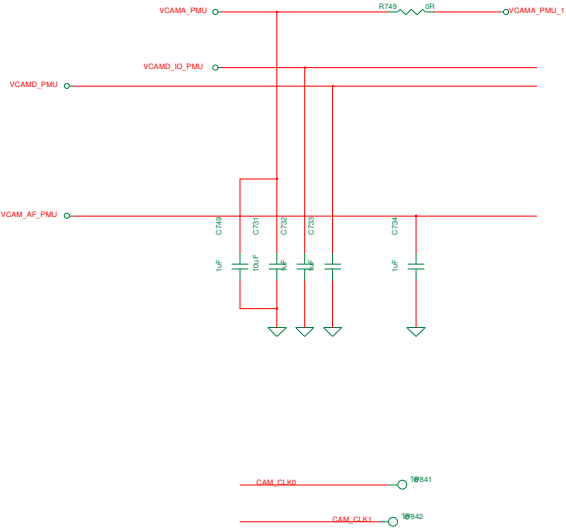
61_PERI_LCD_CTP

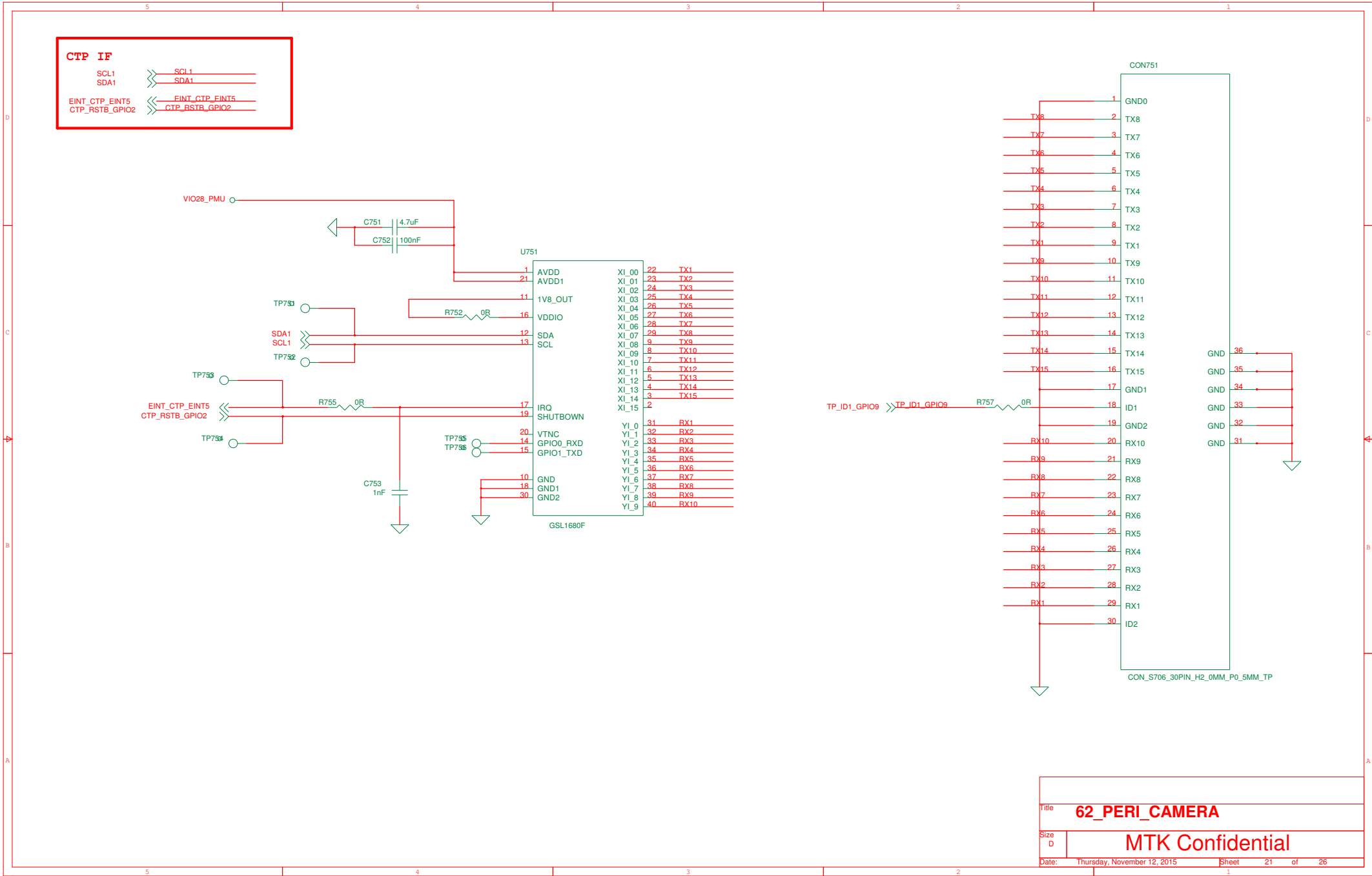
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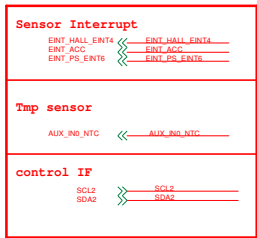
Date: Thursday, November 12, 2015 15:01:28



Rear camera (IMX179) I2C address: 0X10 (Write:0x20, Read:0x21)
AF driver (F8N03C) I2C address: 0x0C (Write:0x18 , Read:0x19)

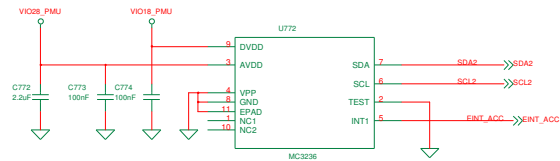






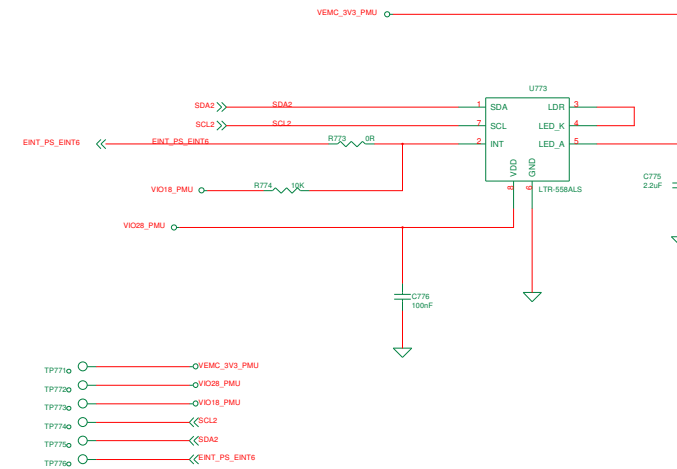
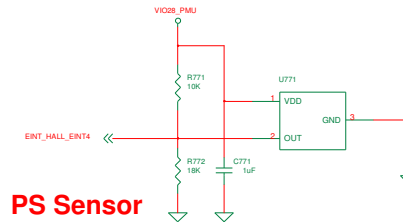
Accelerometer

MC3233 / Accelerometer I2C address: 0x4C (Write:0x98, Read:0x99)

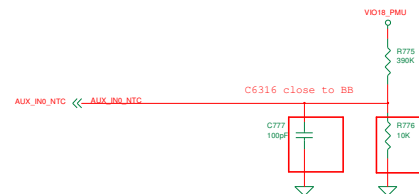


PS Sensor

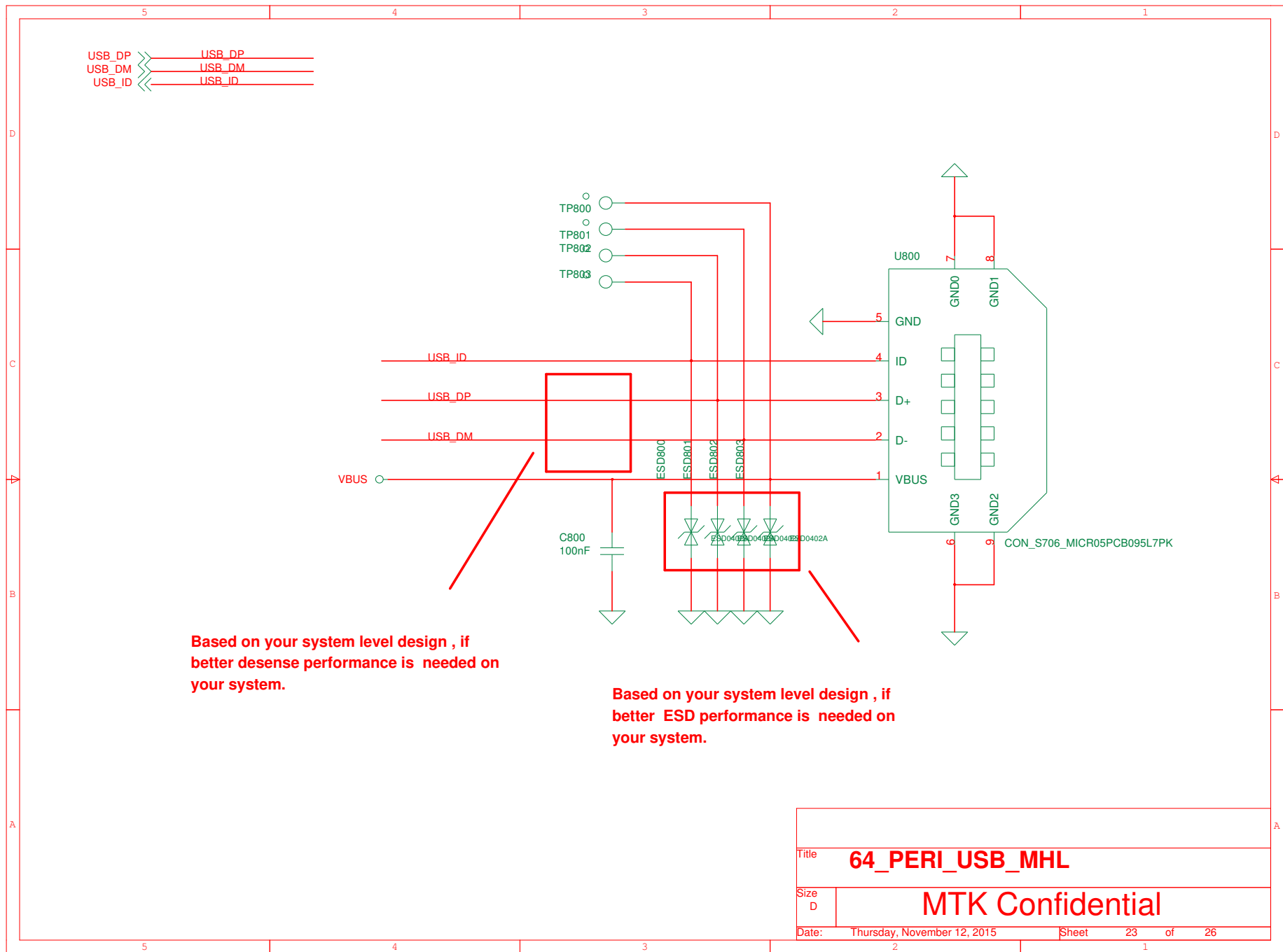
CM36652 / RGB + PS I2C address: 0XC0 (Write:0xC0, Read:0xC1)



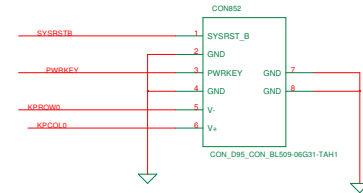
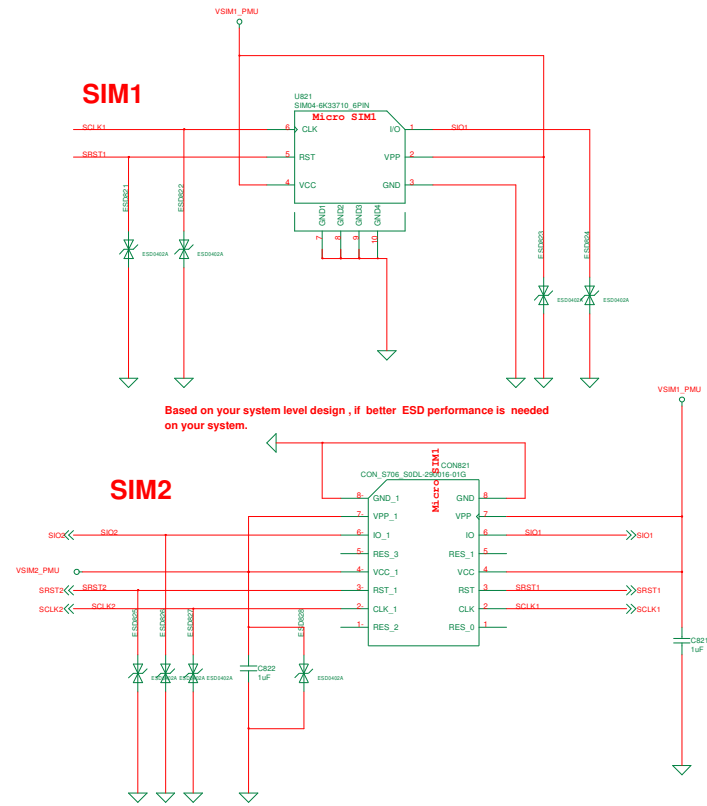
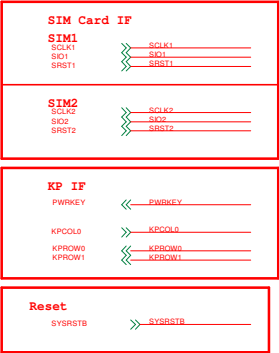
Thermistor / To sense board level temperature



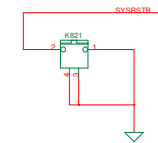
NTC6301 close to BB ,and located in the same layer
(can refer to thermal design notice)



Title		64_PERI_USB_MHL			
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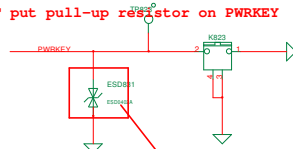


RESET KEY

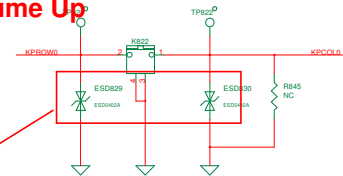


Power Key

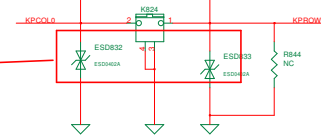
DO NOT put pull-up resistor on PWRKEY



Volume Up



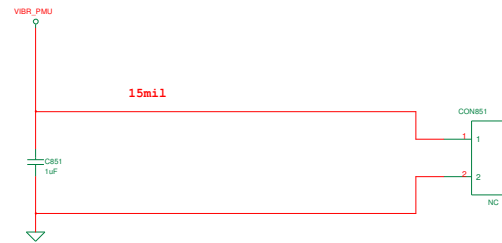
Volume Down



Based on your system level design , if better ESD performance is needed on your system , please refer to ESD performance enhance proposal

	KCOL0	KCOL1
KROW0	Up	
KROW1	Down	

VIBRATOR



File 66_PERI_VIBRATOR

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