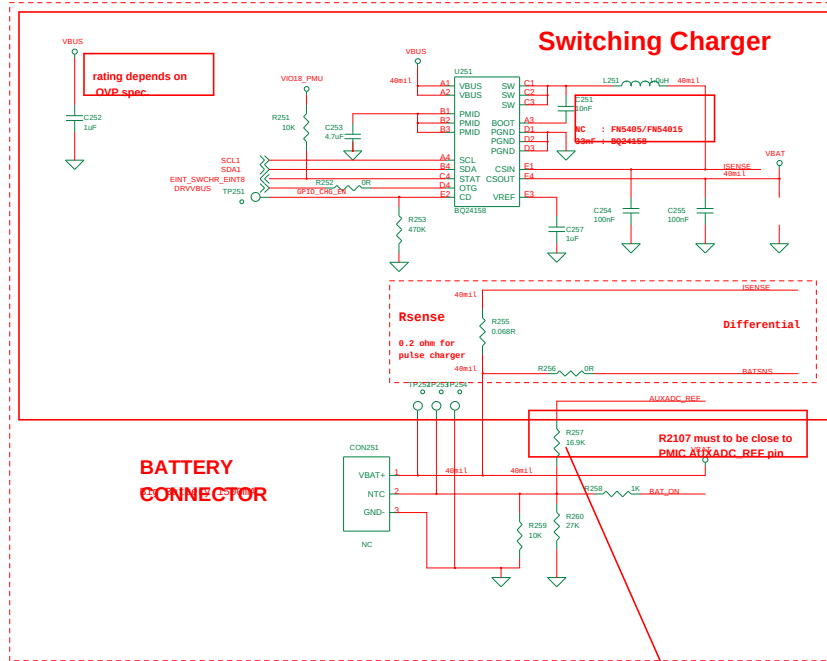
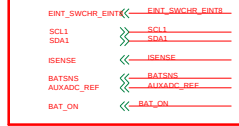




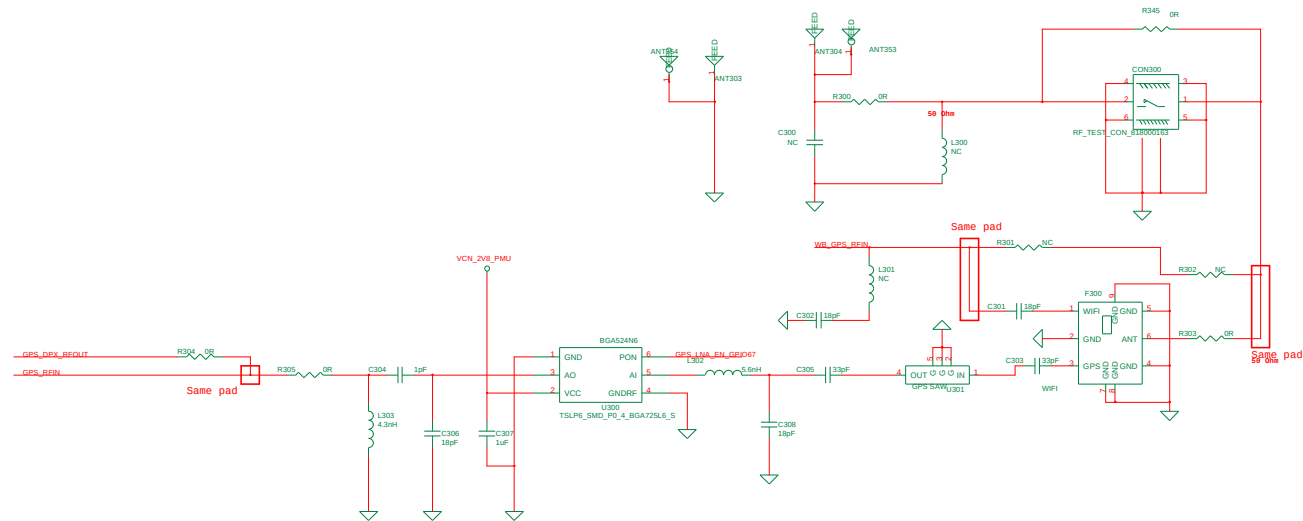
Charger IF



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

WCN RF Interface

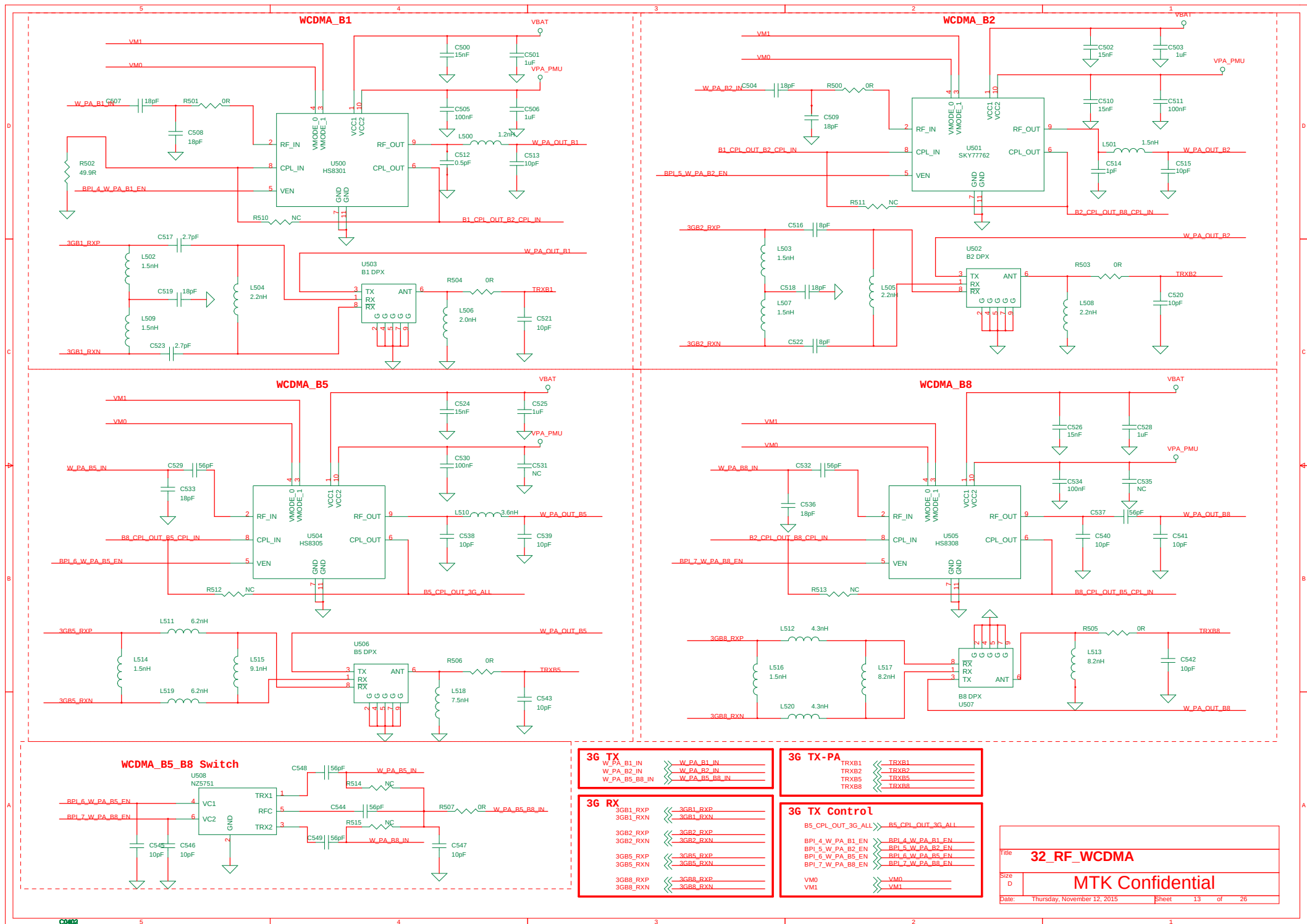
WB_GPS_RF_IN << WB_GPS_REIN
GPS_DPX_RFOUT << GPS_DPX_REOUT
GPS_RF_IN << GPS_REIN
GPS_LNA_EN_GPI << GPS_LNA_EN_GPCON



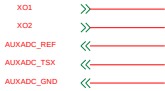
50_BT_FM_GPS_WiFi

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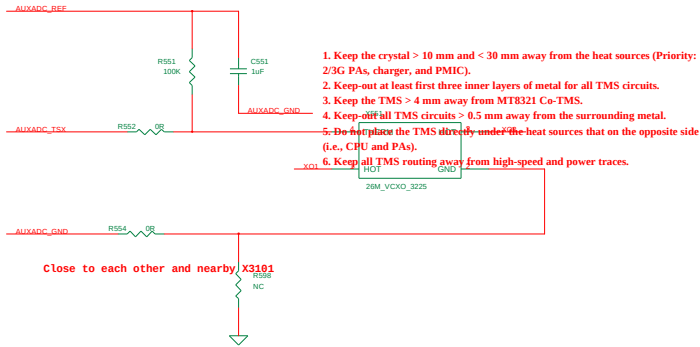
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26M



- 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

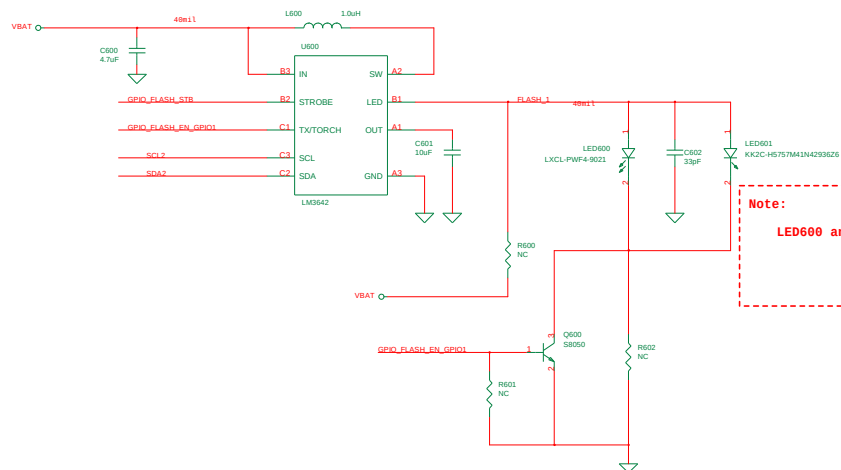
LCM_LED A <<< LCM_LED A
LCM_LED K <<< LCM_LED K

DISP_PWM0 <<< DISP_PWM0

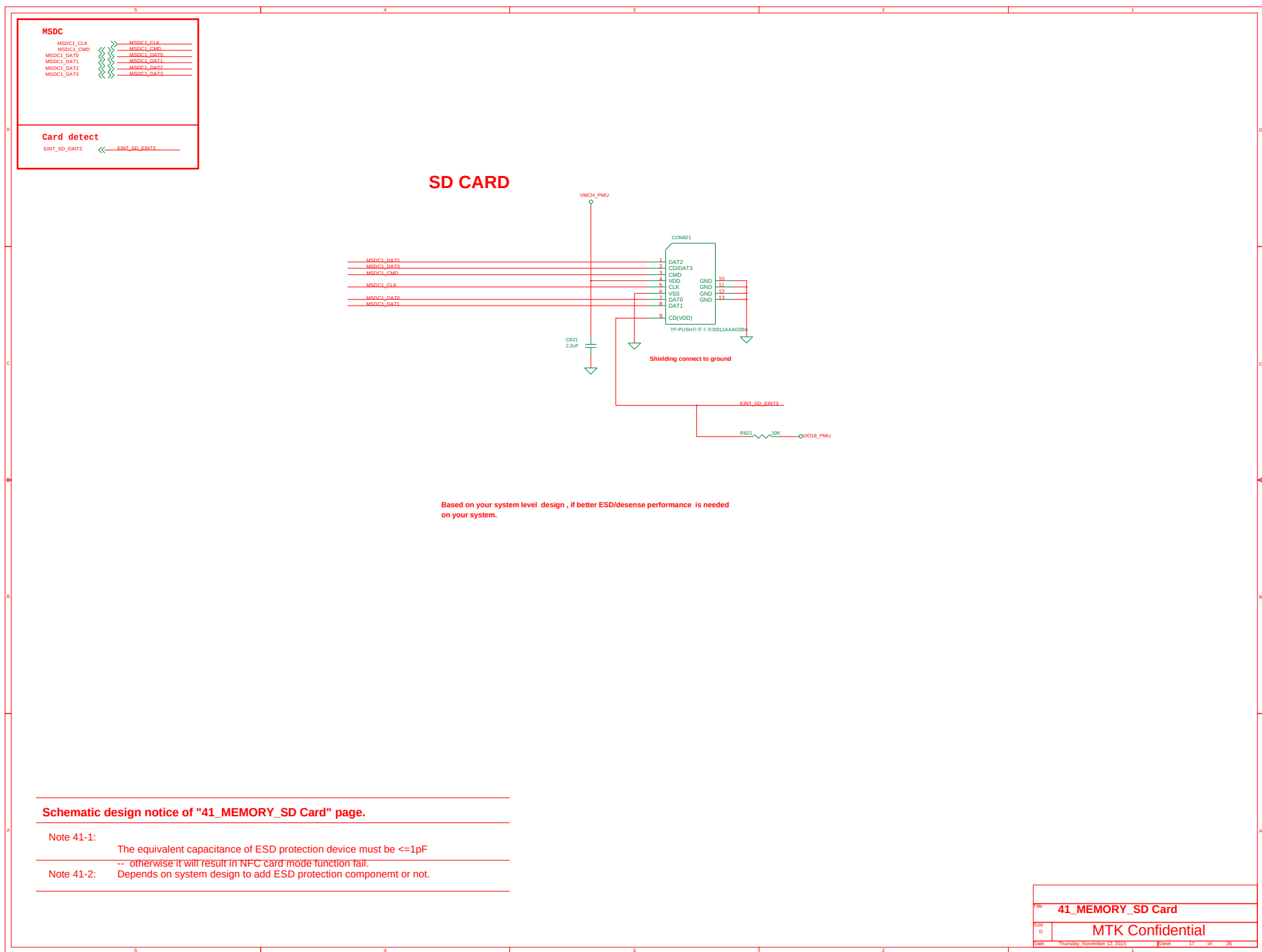
LCM_LED A <<< LCM_LED A
LCM_LED K <<< LCM_LED K

DISP_PWM0 <<< DISP_PWM0

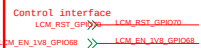
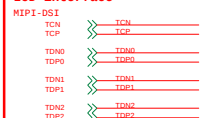
Flash LED I2C address: 0X63 (Write:0xC6, Read:0xC7)



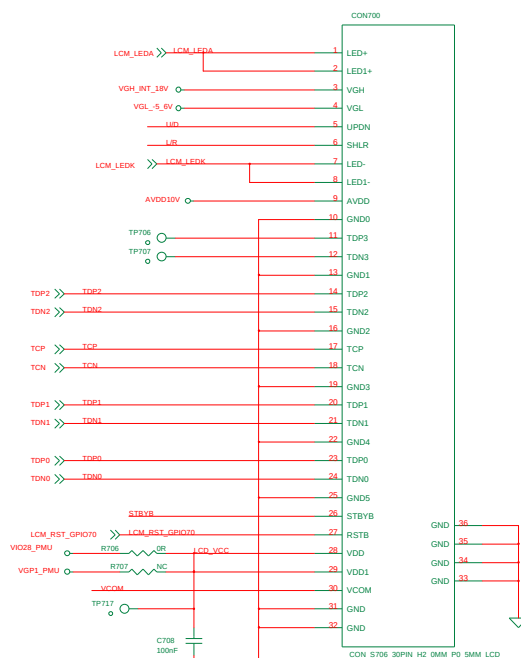
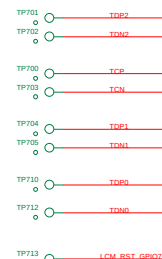
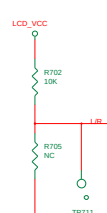
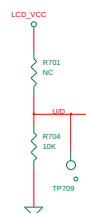
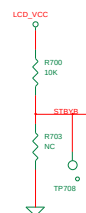
Note:
LED600 and LED601 dual layout!!



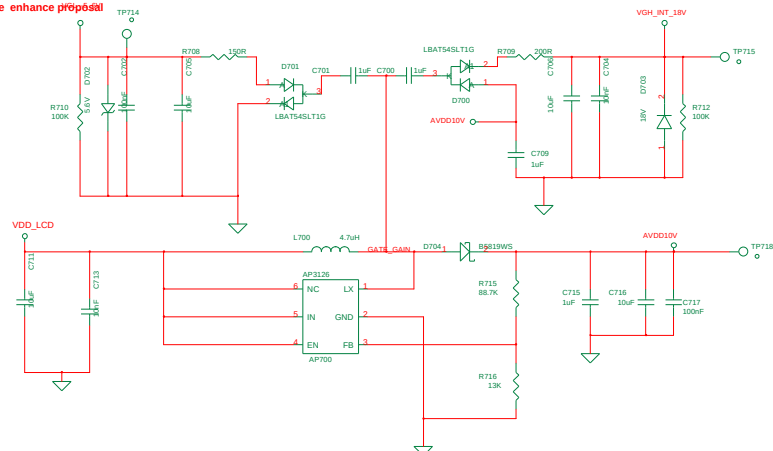
LCD interface



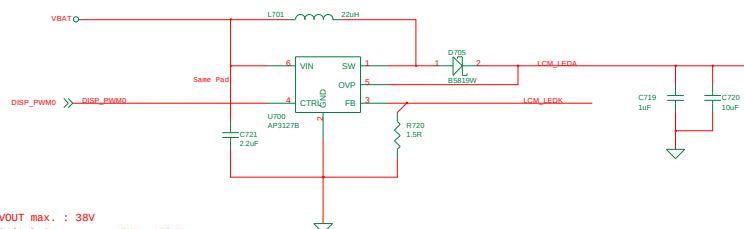
Blacklight IF



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

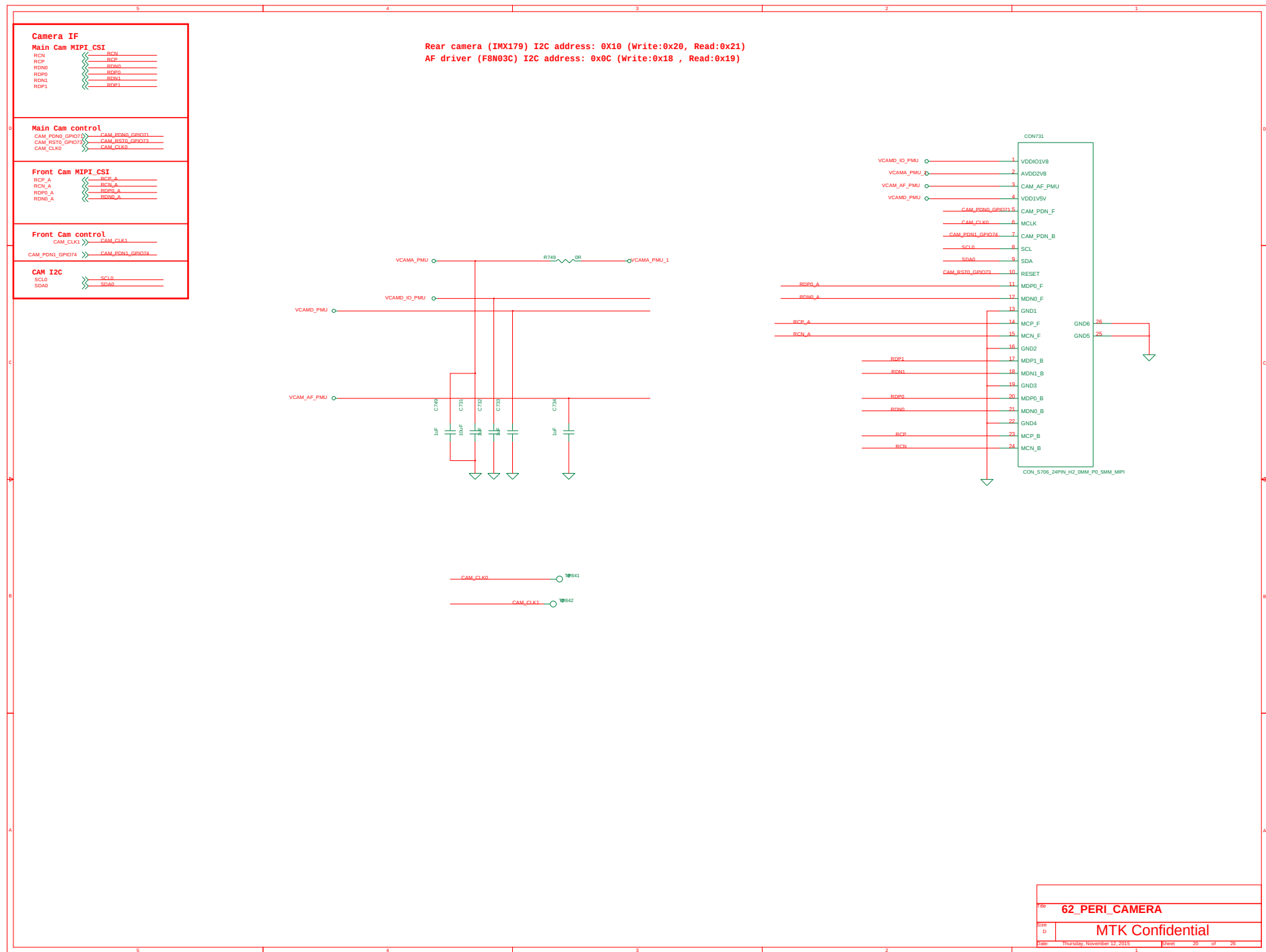


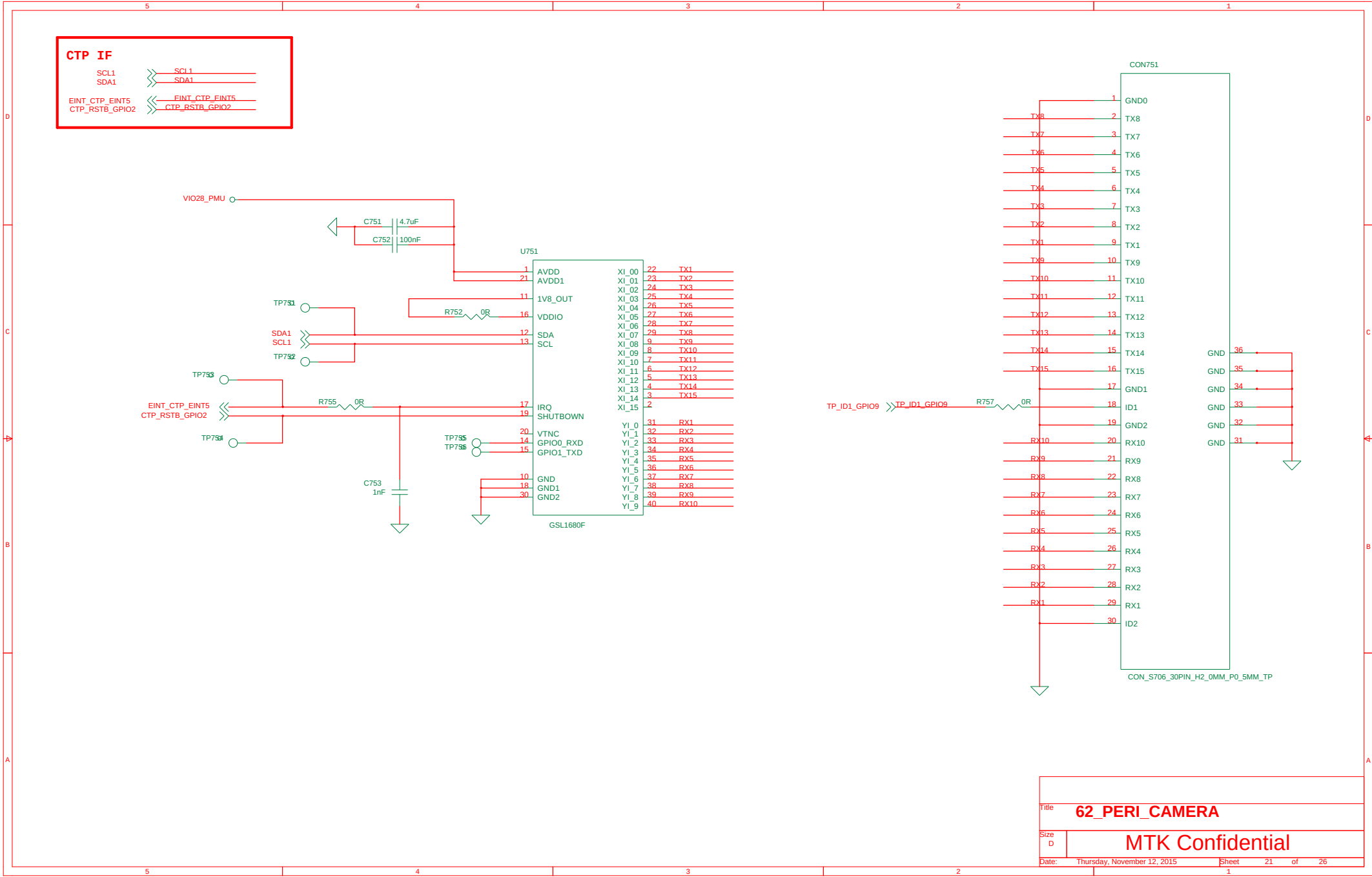
VOUT max. : 38V
Switch Frequency : 5KHz~100KHz
VFB : 280mV

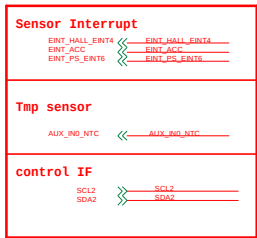
61_PERI_LCD_CTP

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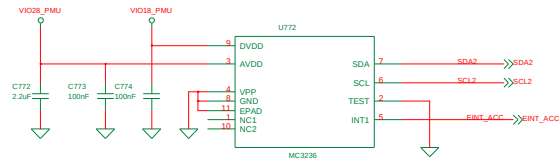






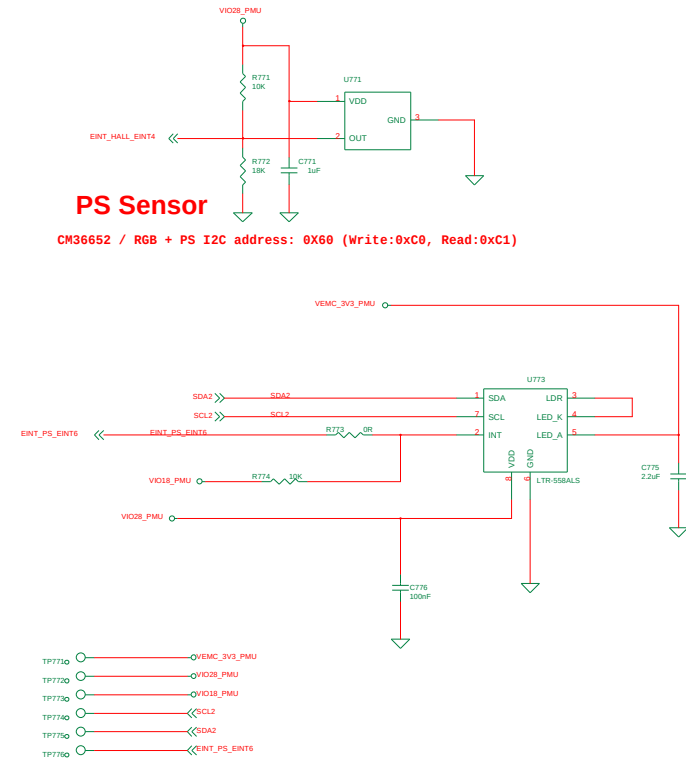
Accelerometer

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

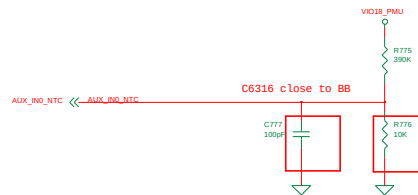


PS Sensor

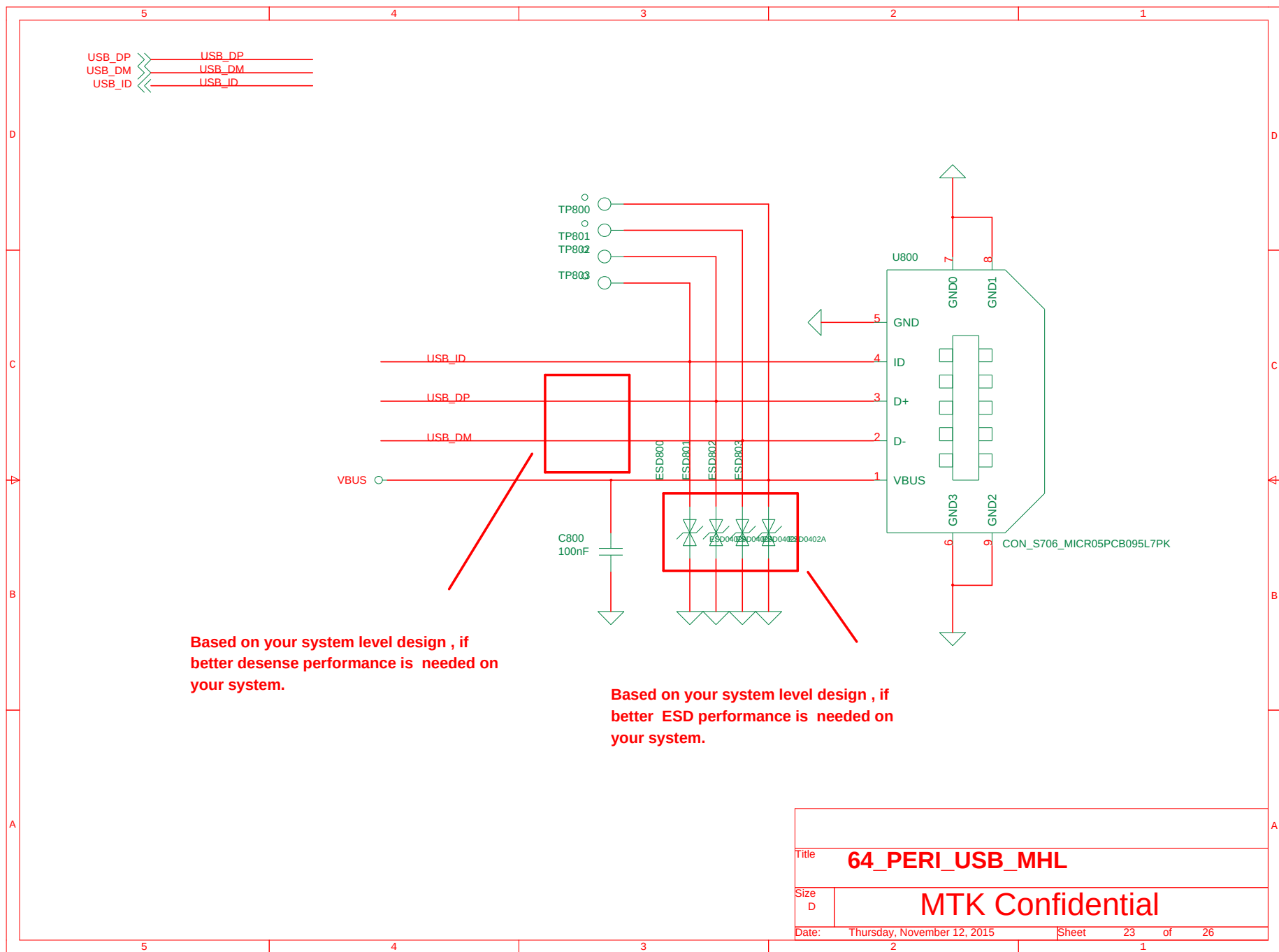
CM36652 / RGB + PS I2C address: 0XC0 (Write:0xC0, Read:0xC1)

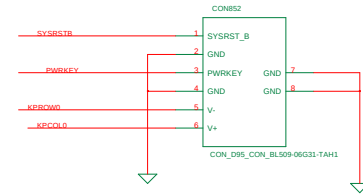
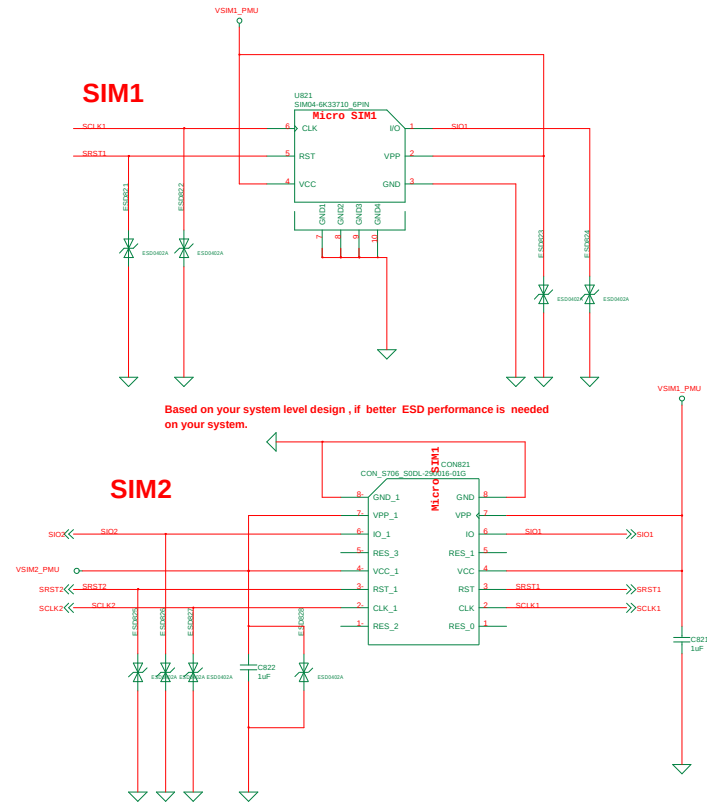


Thermistor / To sense board level temperature

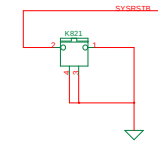


NTC6301 close to BB ,and located in the same layer
 (can refer to thermal design notice)



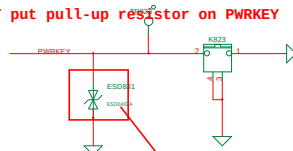


RESET KEY

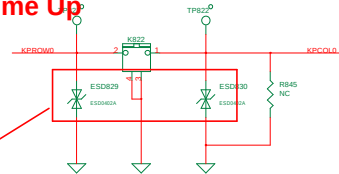


Power Key

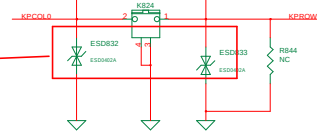
DO NOT put pull-up resistor on PWRKEY



Volume Up



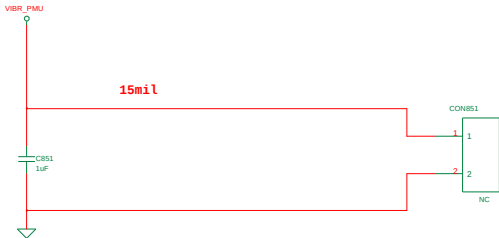
Volume Down



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



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