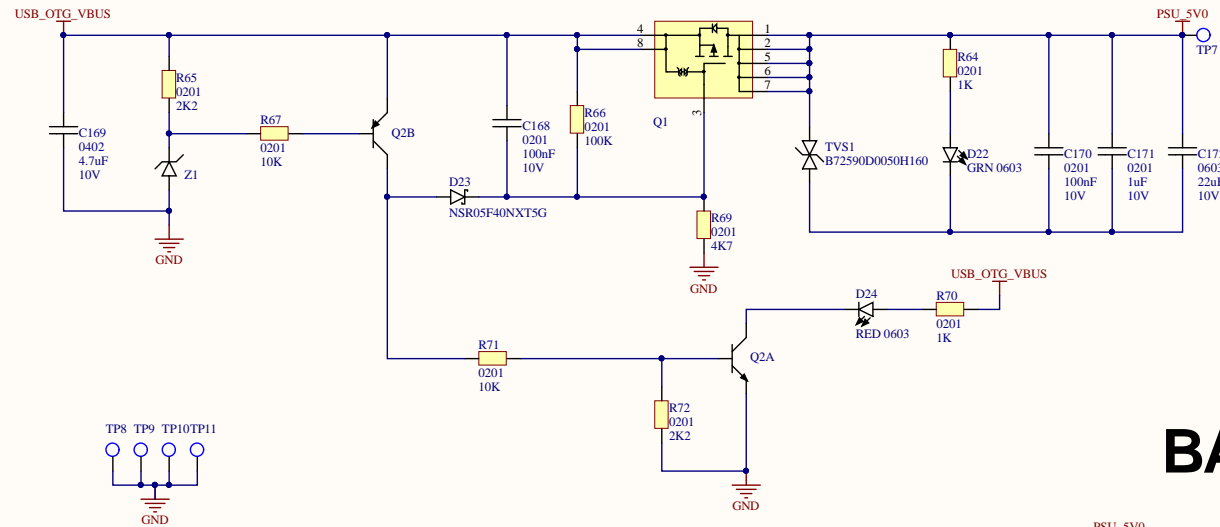
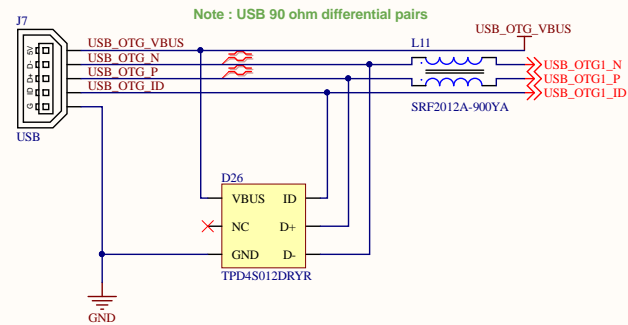


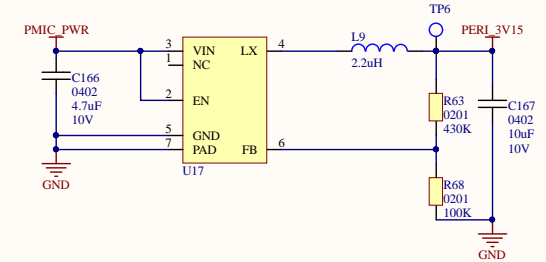
OVER VOLTAGE INDICATOR



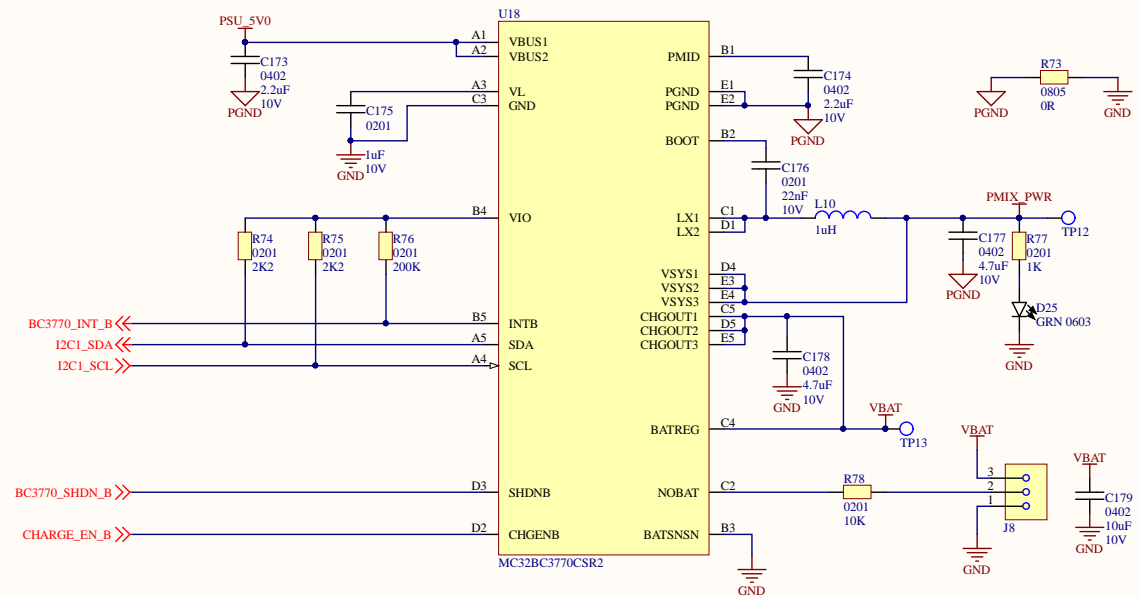
USB OTG



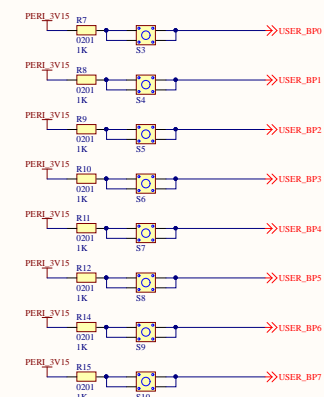
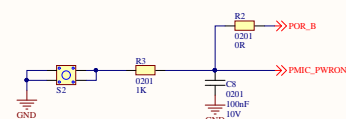
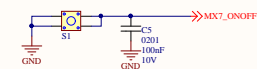
PERI 3V3 (1A)

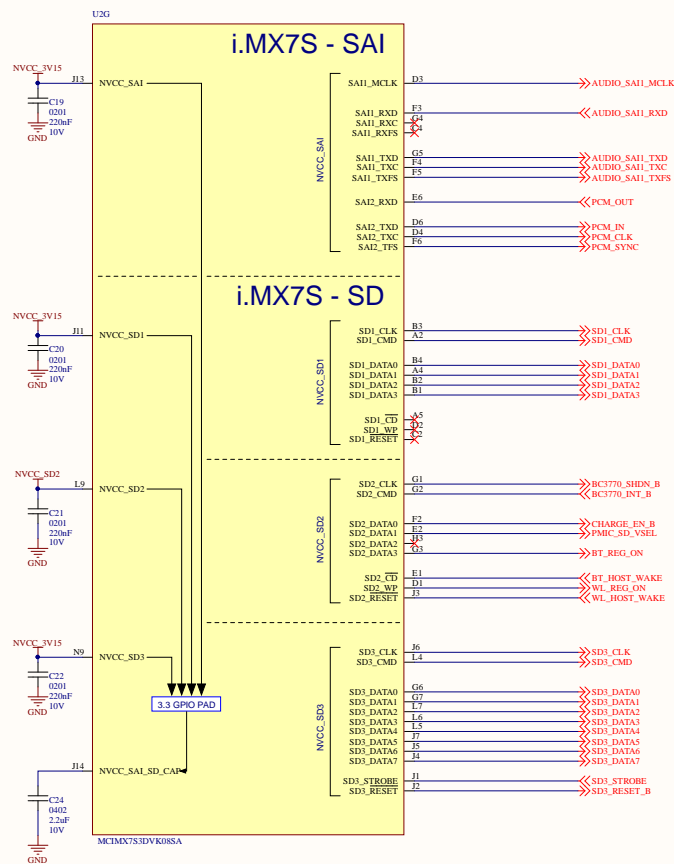
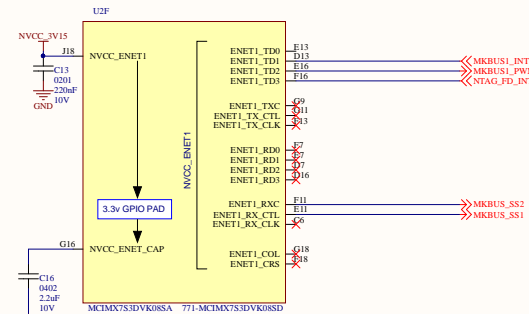


BATTERY CHARGE

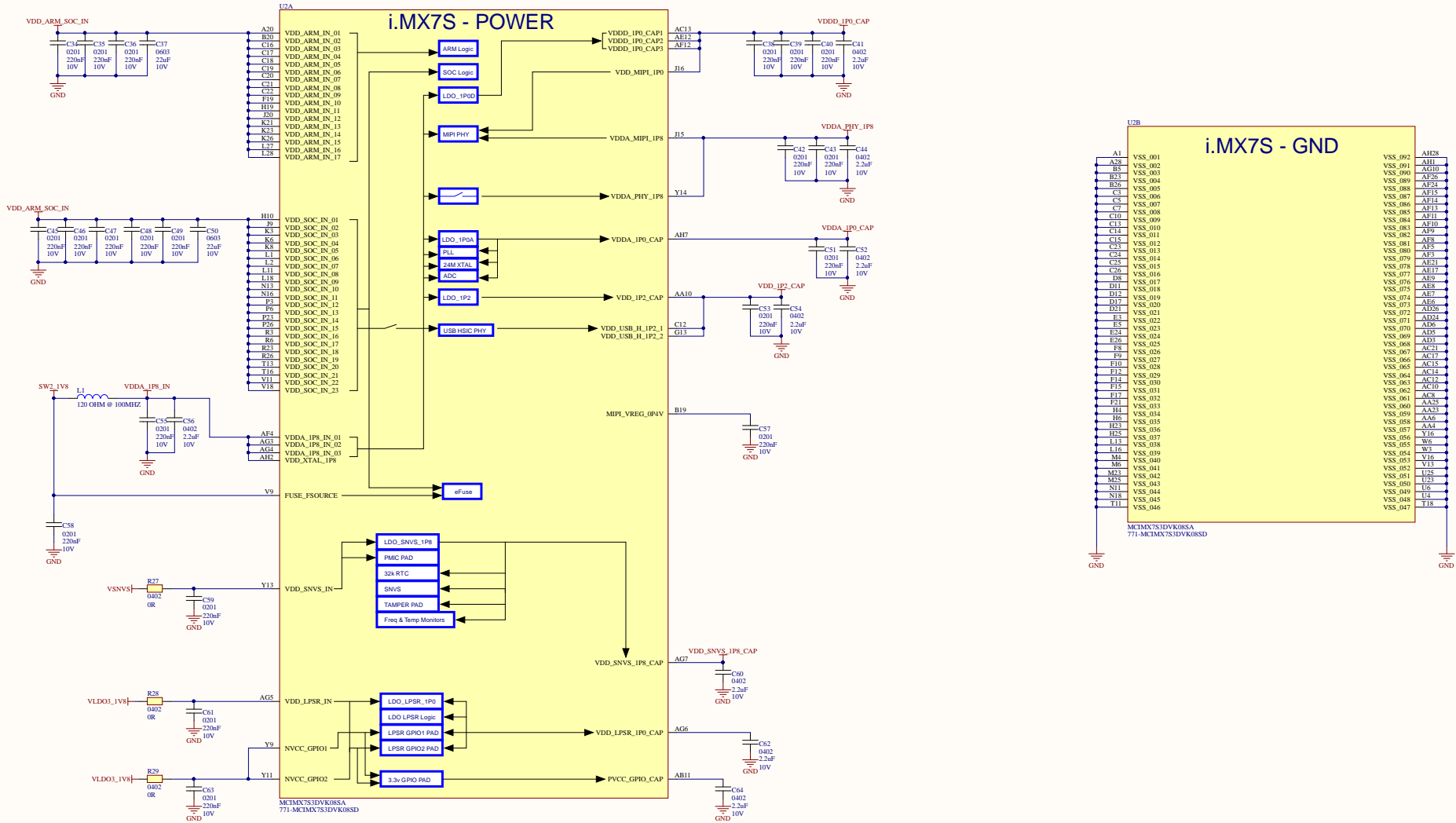


Note: I2C slaver address : 92h for write , 93h for read.

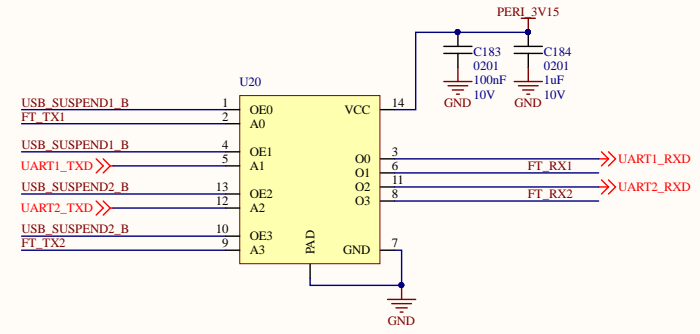
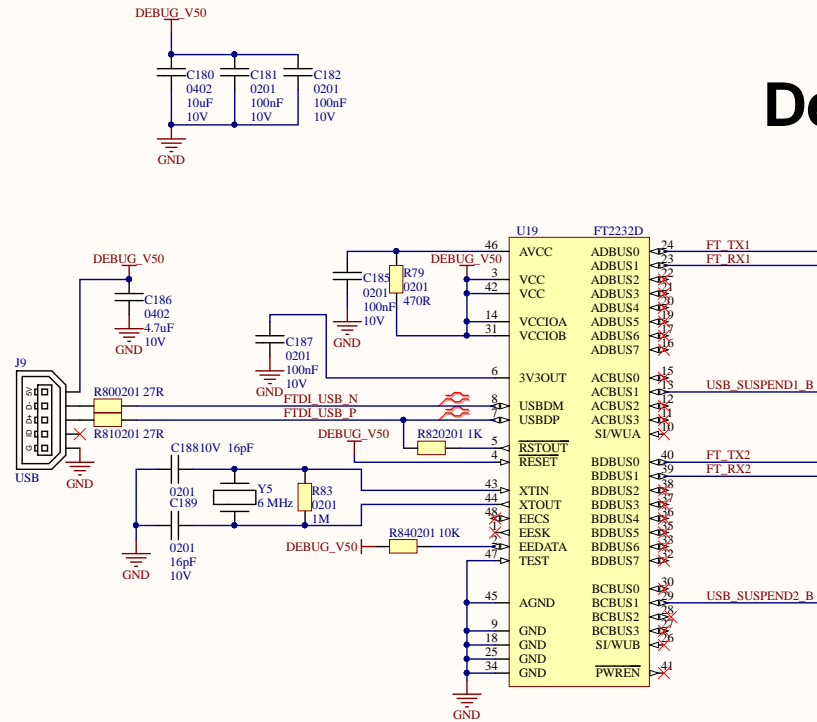




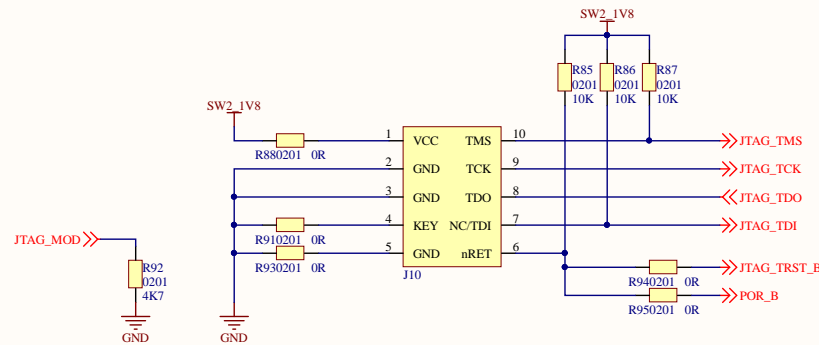
CPU_POWER



Debug UART

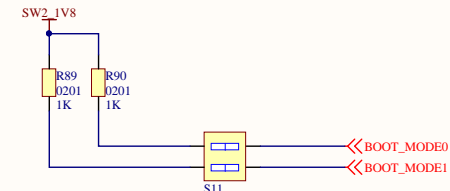


JTAG



BOOT MODE

BOOT_MODE	1	0
FUSES	0	0
MANUFACTURE	0	1
INTERNAL BOOT	1	0
TEST MODE	1	1



PMIC

A

B

C

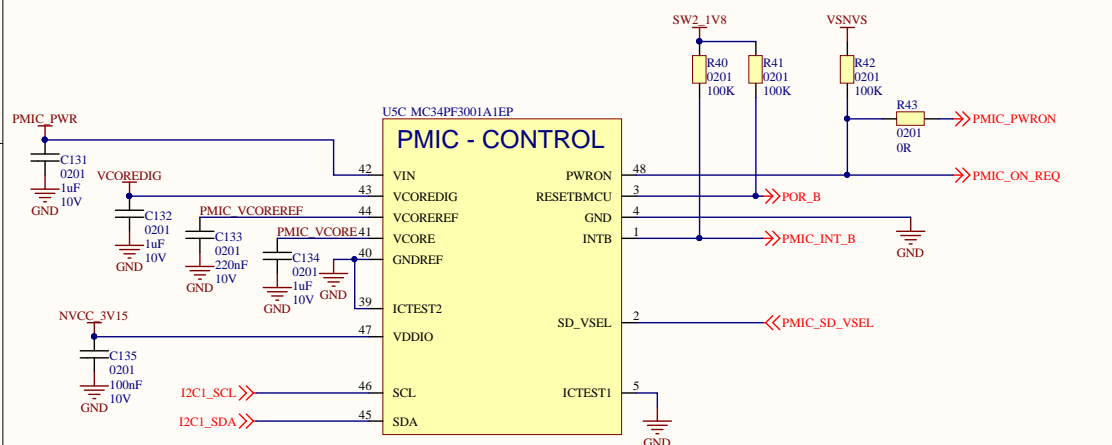
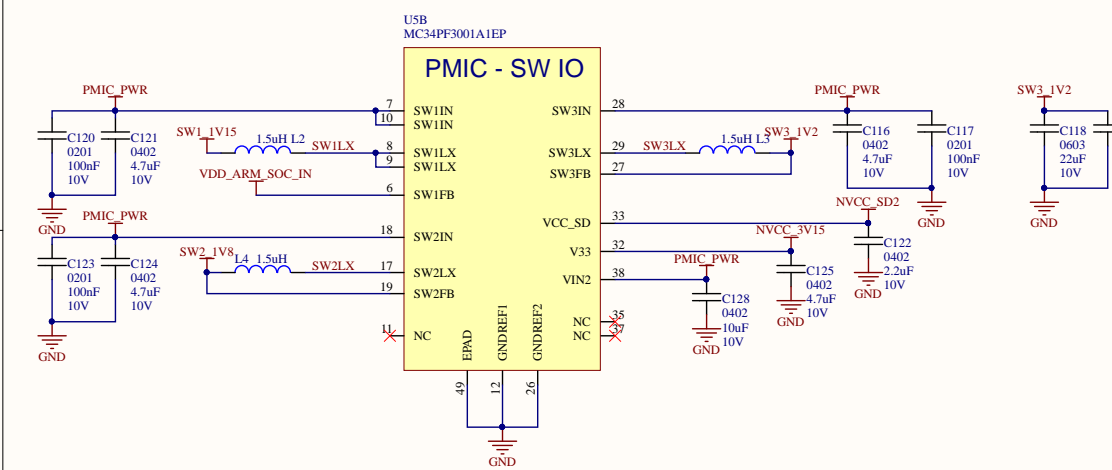
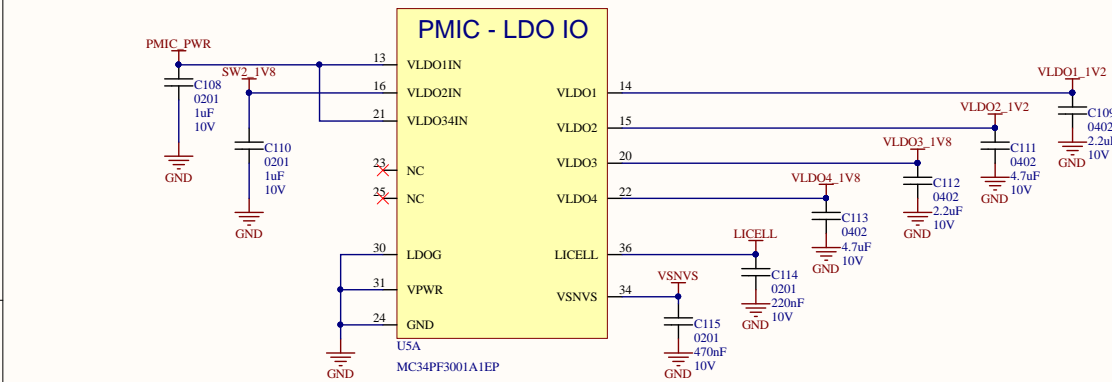
D

A

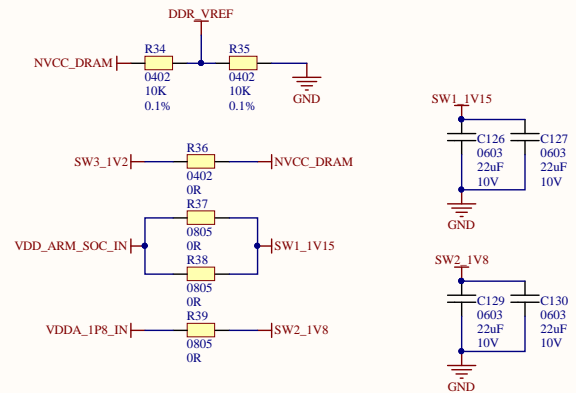
B

C

D



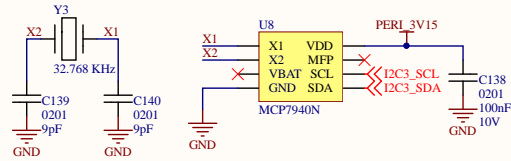
Note : I2C slaver address : 08h (exceptions to the standard are noted to be 7-bit only addressing)



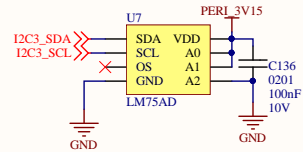
Title *			
Size: A3	Number: *	Revision: *	
Date: 21/08/2019	Time: 10:22:48	Sheet * of *	
File: C:\Users\alois\OneDrive\Documents\GitHub\IMX7S_Design\IMX7S_PMIC.SchDoc			



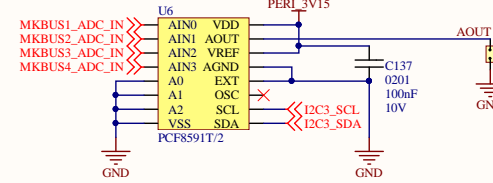
RTC



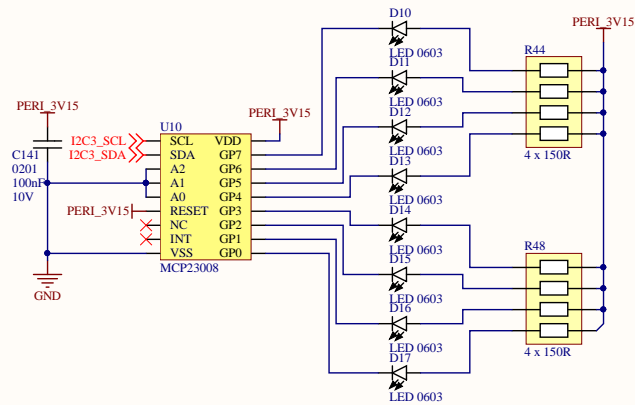
Temp. Sensor



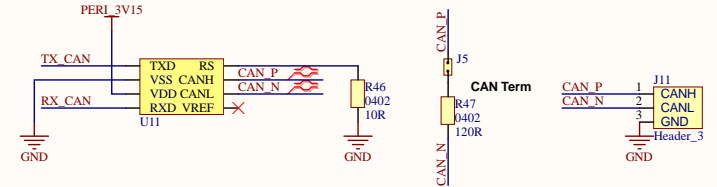
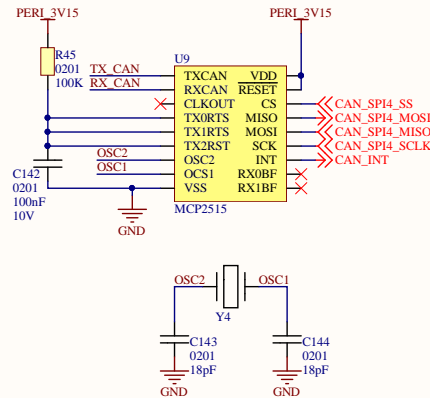
ADC/DAC



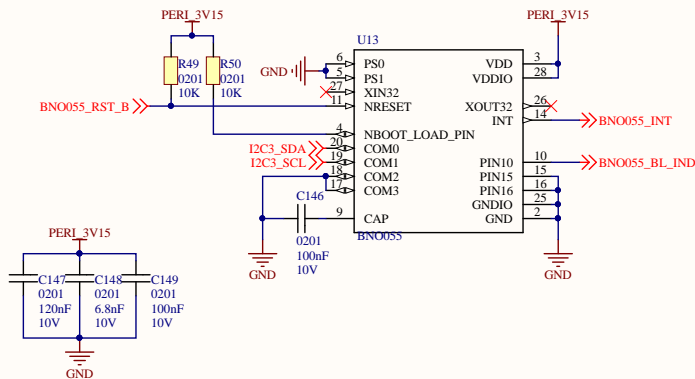
GPIO Expander



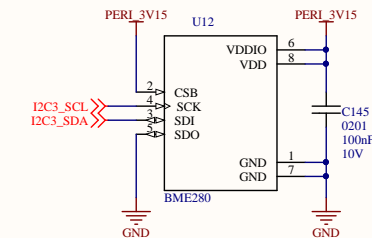
SPI / CAN



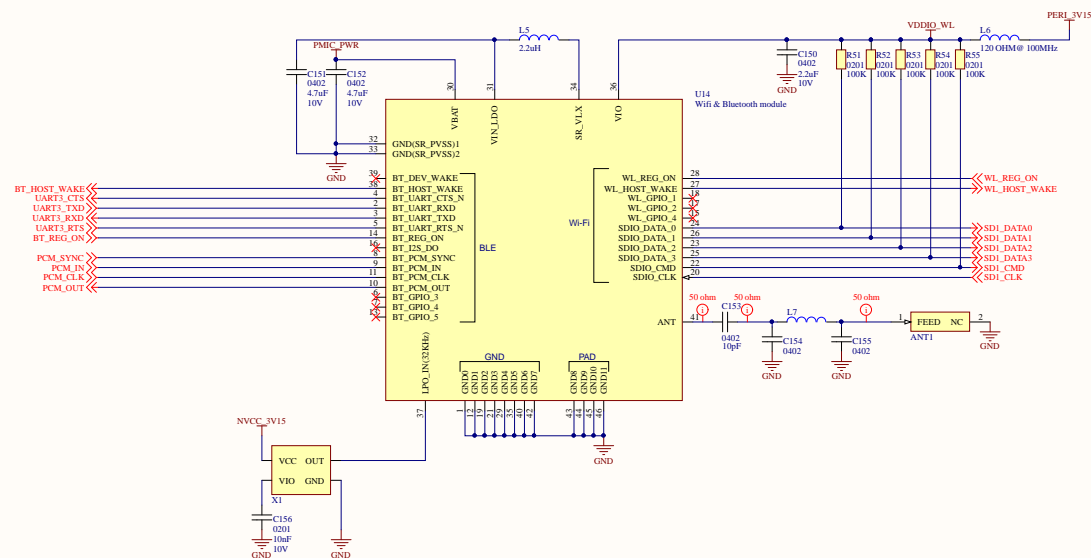
BNO055



BME280



WiFi & Bluetooth



SigFox

