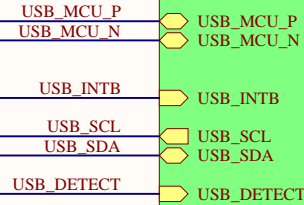
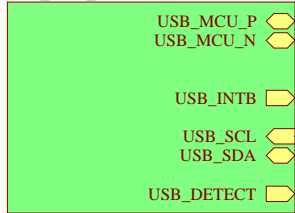


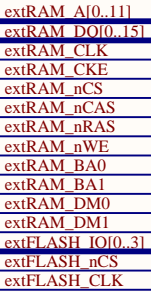
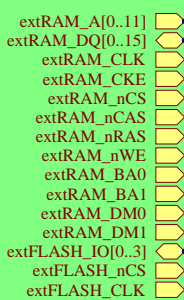
USB AND POWER

U_USB_AND_POWER
USB_AND_POWER.SchDoc



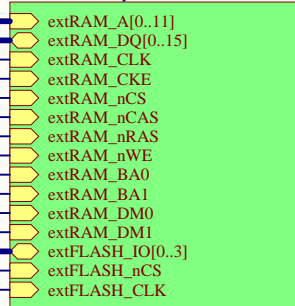
MCU

U_MCU
MCU.SchDoc



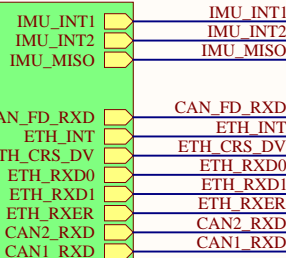
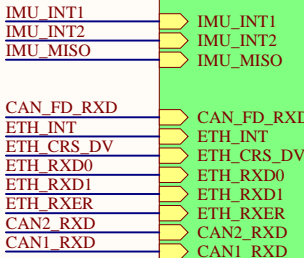
EXT MEMORY

U_External Memory
External Memory.SchDoc

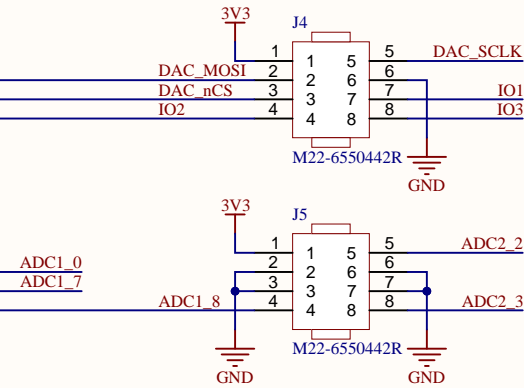
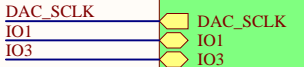


COMMUNICATIONS

U_Communication
Communication.SchDoc

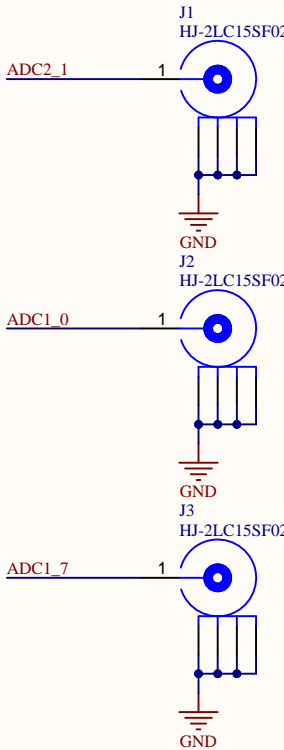


EXT DAC DAC104S085QIMMX/NOPB

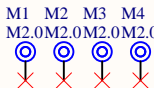


Send SPI for dac and analog signals over connector. Not ideal for analog signals but should be fine

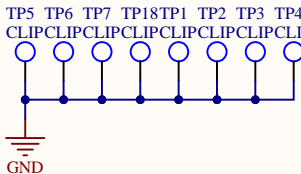
HF ANALOG



STANDOFFS



GROUND CLIPS



Ground clips

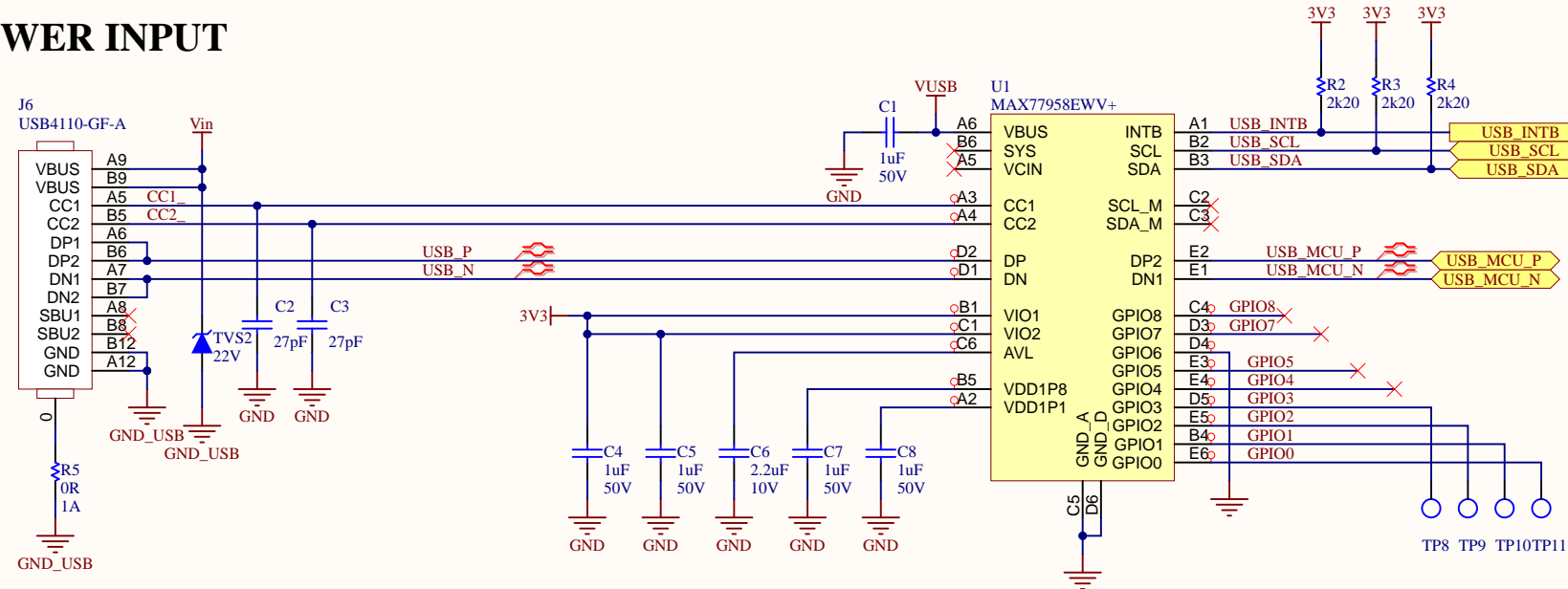
FaustOEM

207
13399 104 Ave
Surrey BC, V3T 0C9
Canada

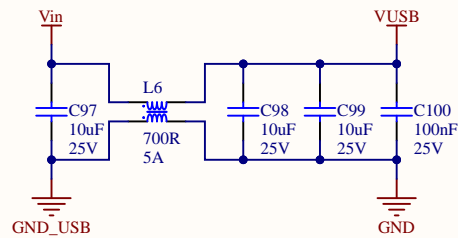
REV: V0.0.1	PROJECT: Laser Diode	DATE: 2023-03-11
TITLE MCU - Top		
DESIGNED: K. Heyer	REVIEWED: *	SHEET 1 OF 5

USBC PORT CONTROLLER

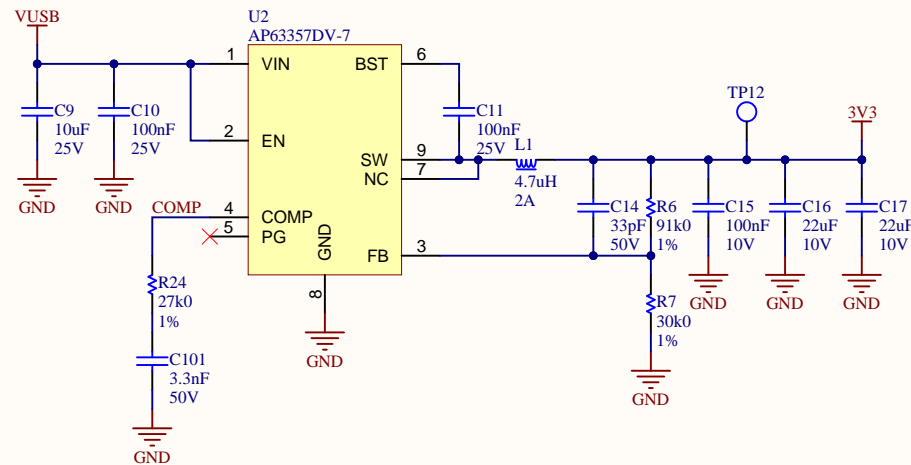
POWER INPUT



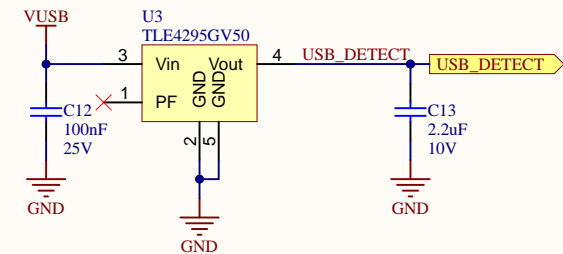
POWER INPUT FILTER

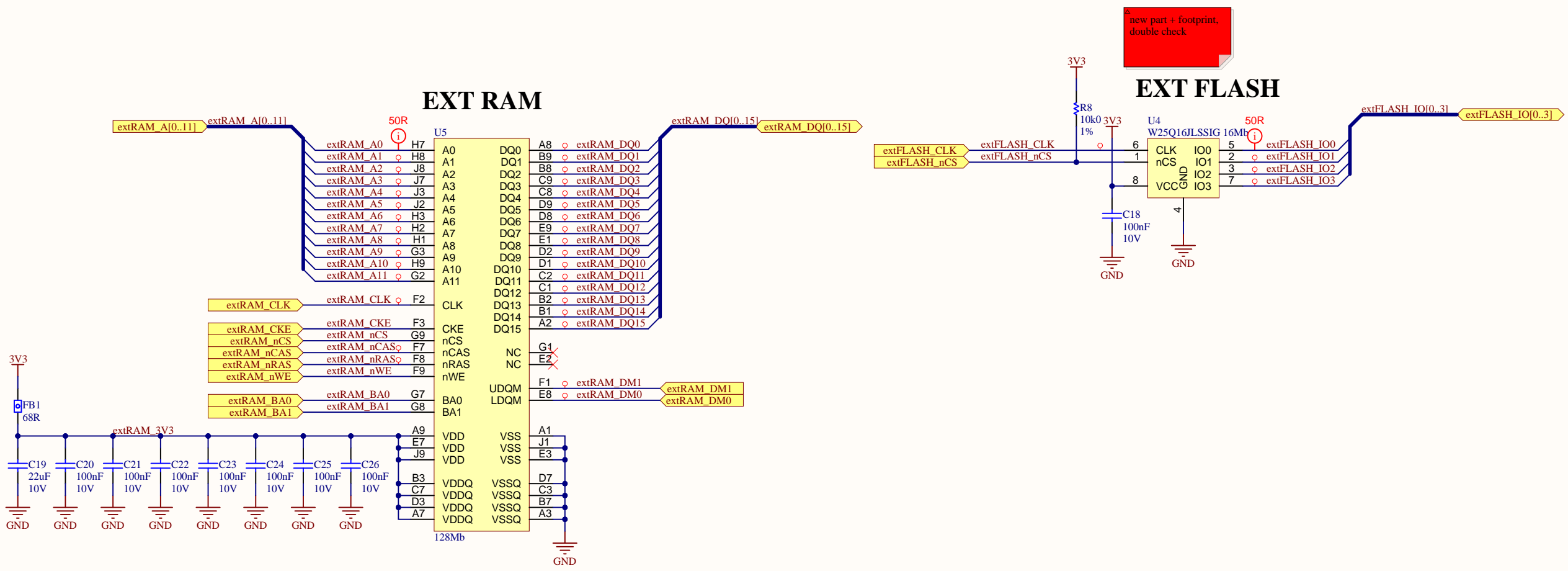


3V3 REGULATION

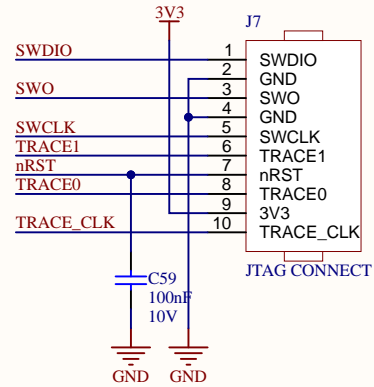


5V USB DETECT

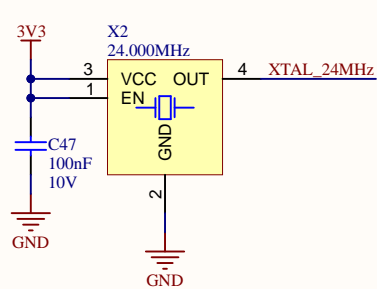




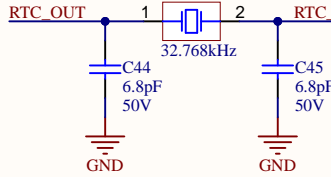
SWV/TRACE



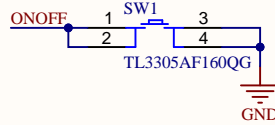
24MHz XTAL



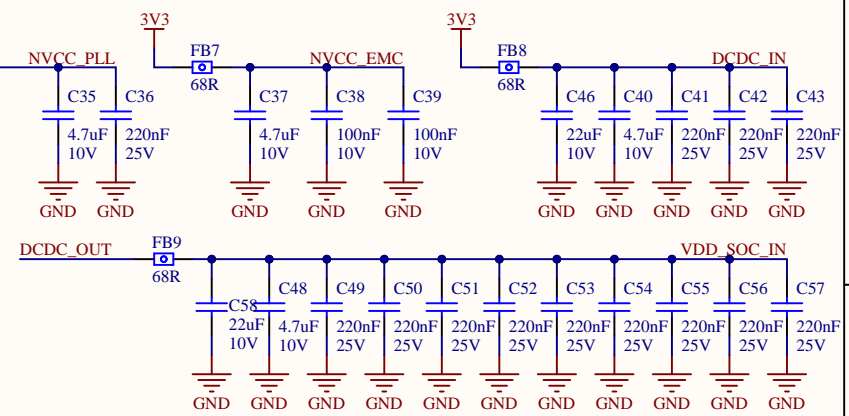
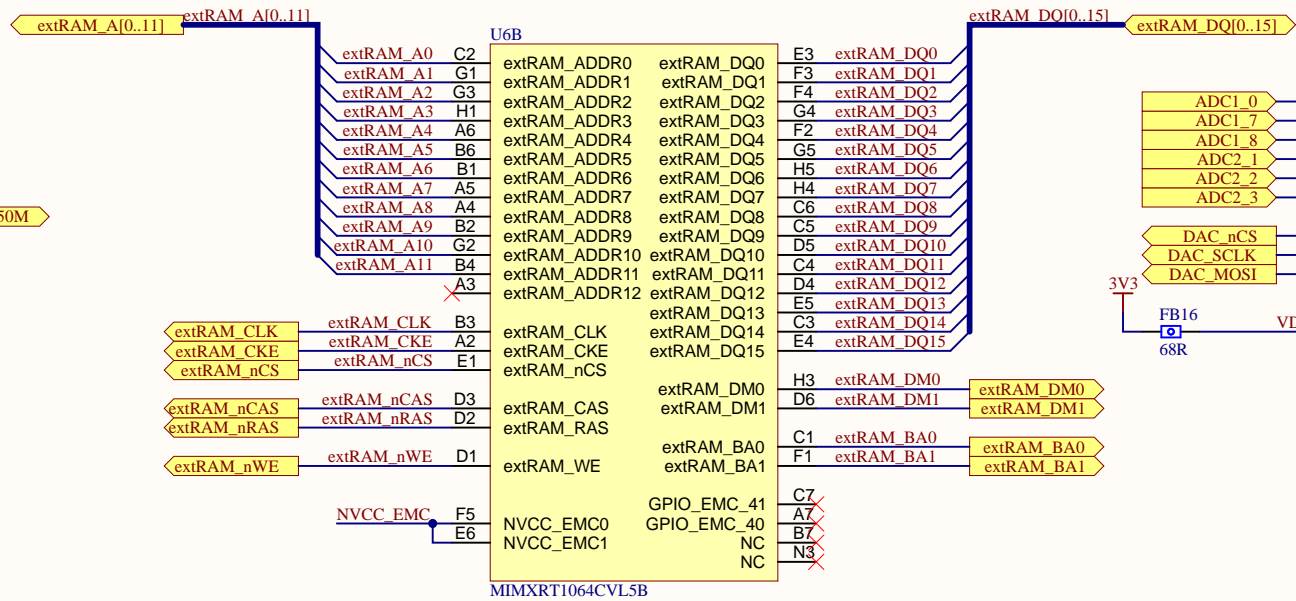
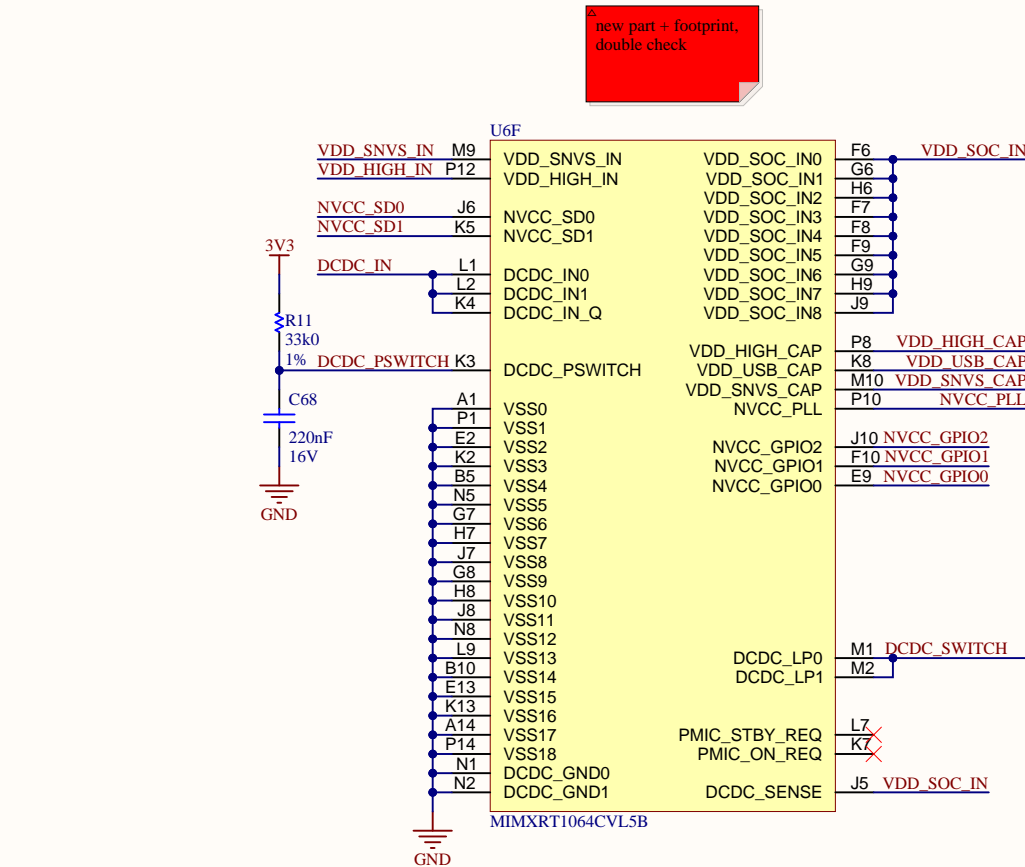
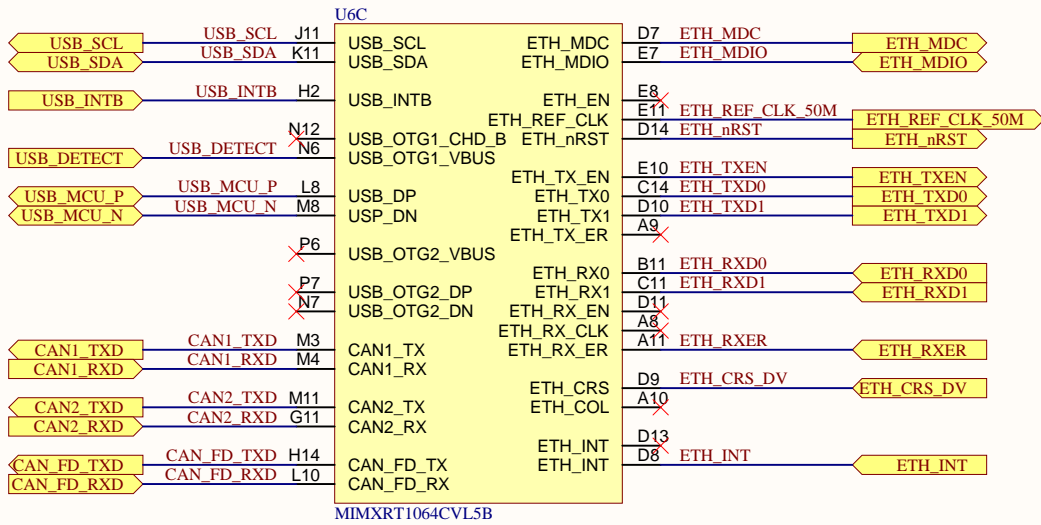
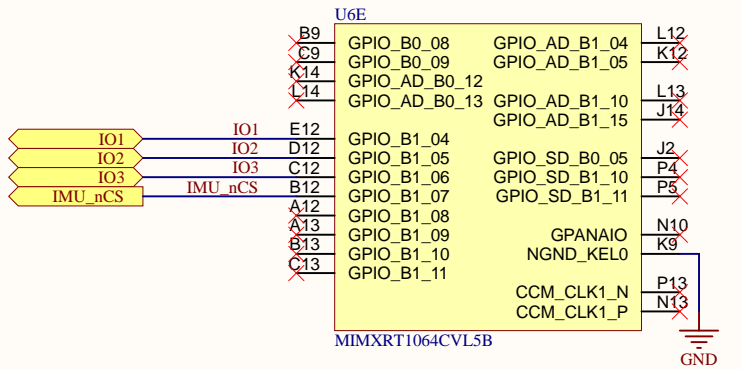
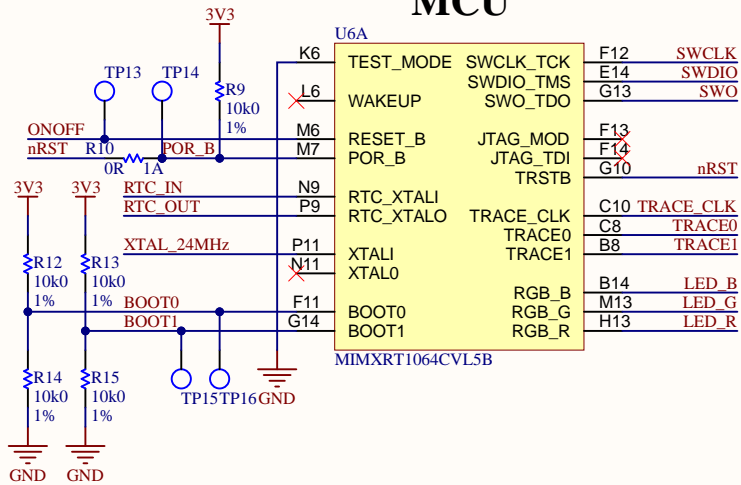
RTC



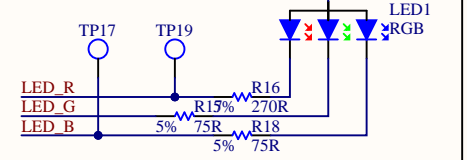
ON OFF BUTTON



MCU

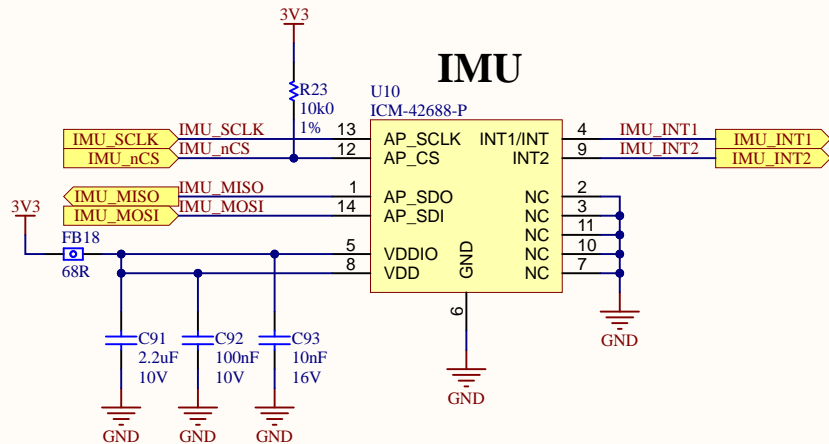
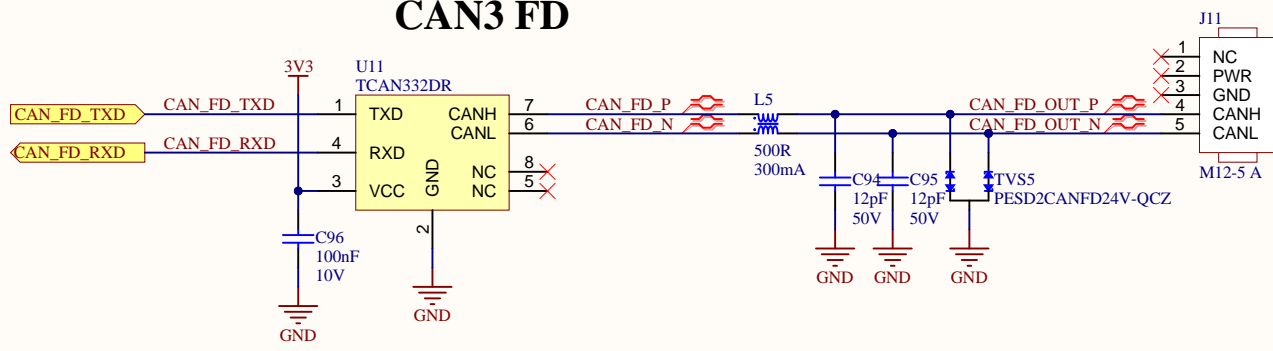
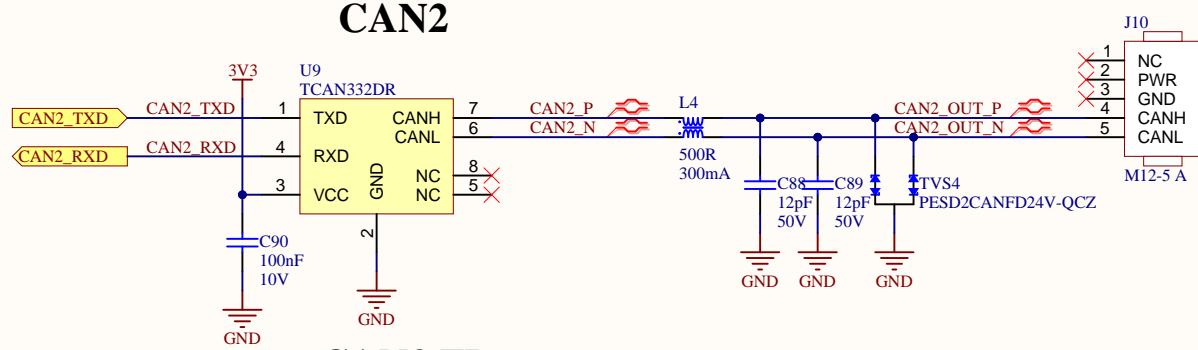
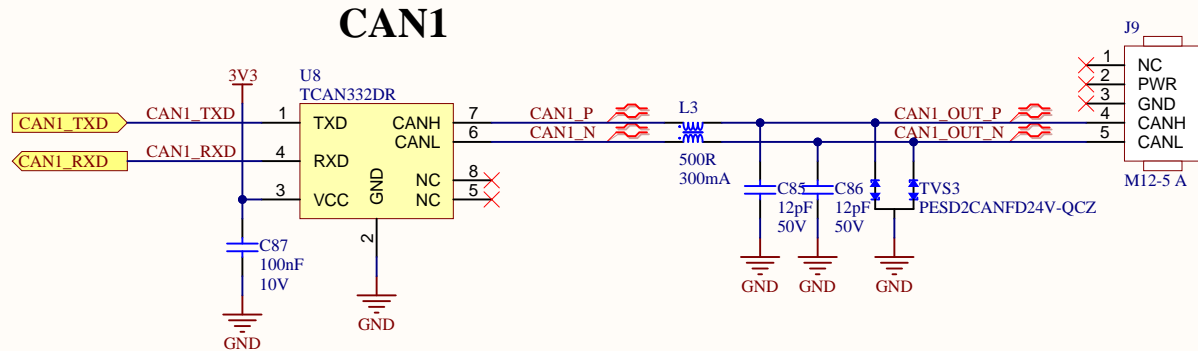
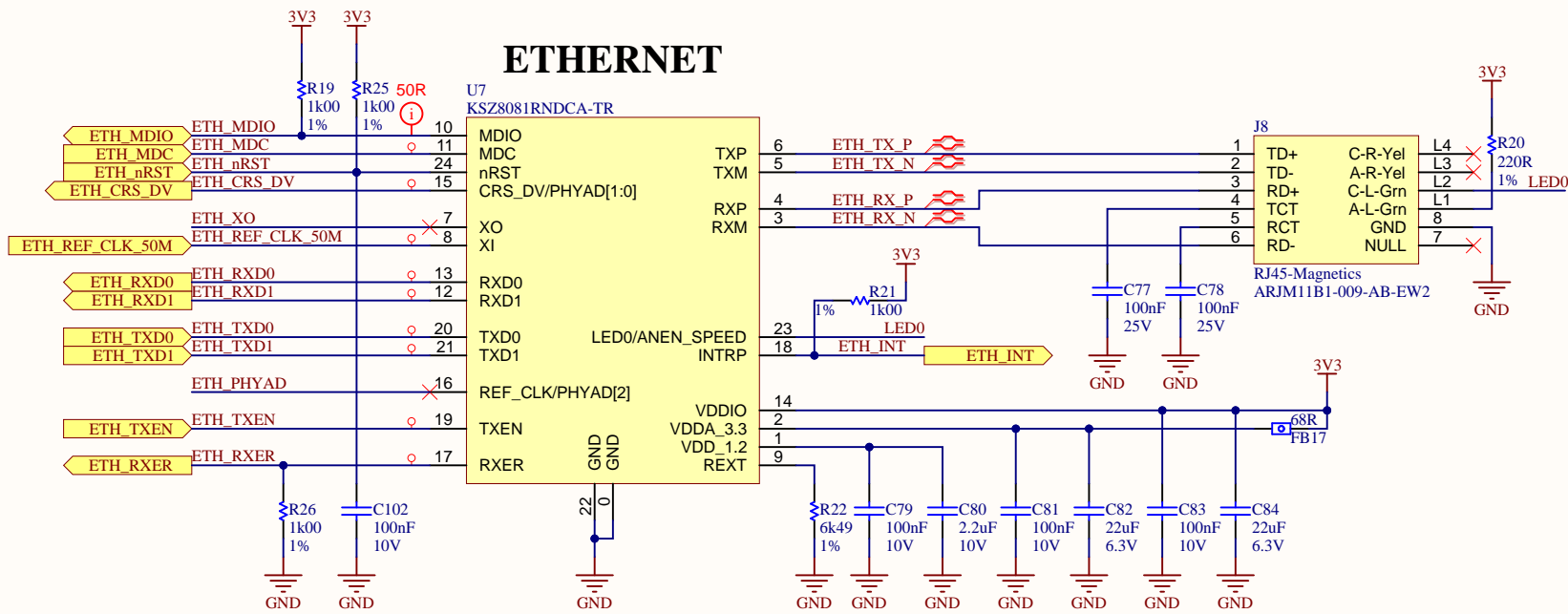


RGB LED



FaustOEM

REV: V0.0.0	PROJECT: *	DATE: 2023-03-11
TITLE: *		
DESIGNED: *	REVIEWED: *	SHEET 4 OF 5



FaustOEM

REV: V0.0.0	PROJECT: *	DATE: 2023-03-11
TITLE		
*		
DESIGNED: *	REVIEWED: *	SHEET 5 OF 5