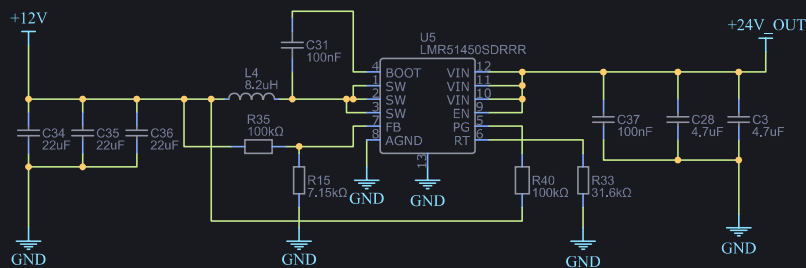
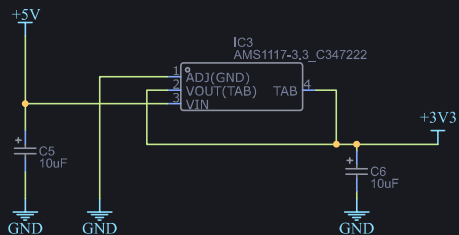


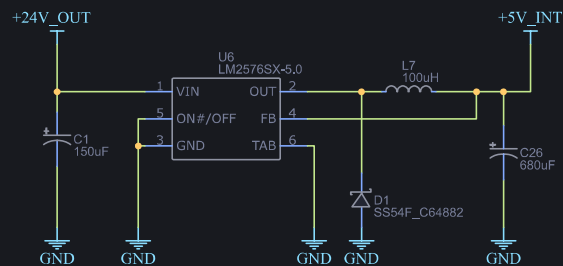
24V to 12V



5V to 3V3



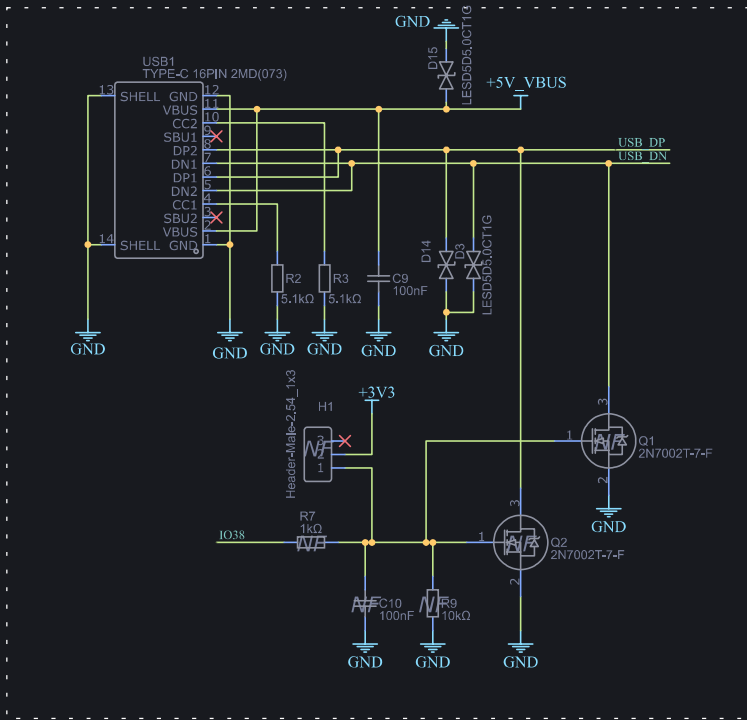
24V to 5V



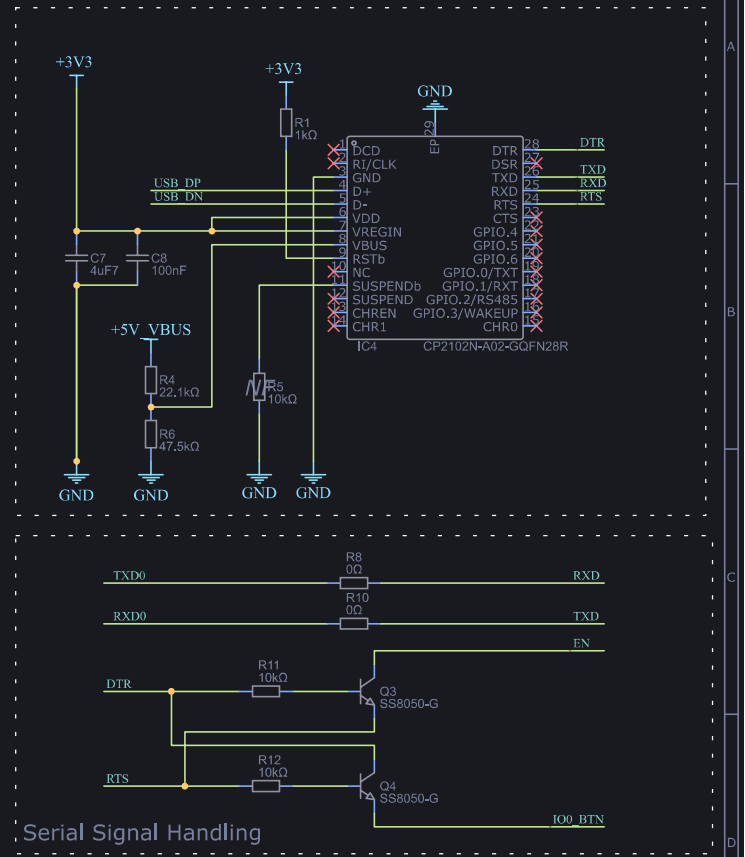
Richtlinie 12V.: https://www.lcsc.com/datasheet/lcsc_datasheet_2410121816_Texas-Instruments-LMR51450SDRRR_C6890985.pdf
 Richtlinie 5V.: https://www.lcsc.com/datasheet/lcsc_datasheet_2410121941_Texas-Instruments-LM2576SX-5-0-NOPB_C34465.pdf
 Richtlinie 3V.: https://www.lcsc.com/datasheet/lcsc_datasheet_2412201207_UMW-Youtai-Semiconductor-Co---Ltd--AMS1117-3-3_C347222.pdf

TITLE: Power		REV: 4.2
EasyEDA		Sheet: 1/7
Date: 2024-12-19	Drawn By: mulke068	

USB TYPE-C Connector



USB to URAT

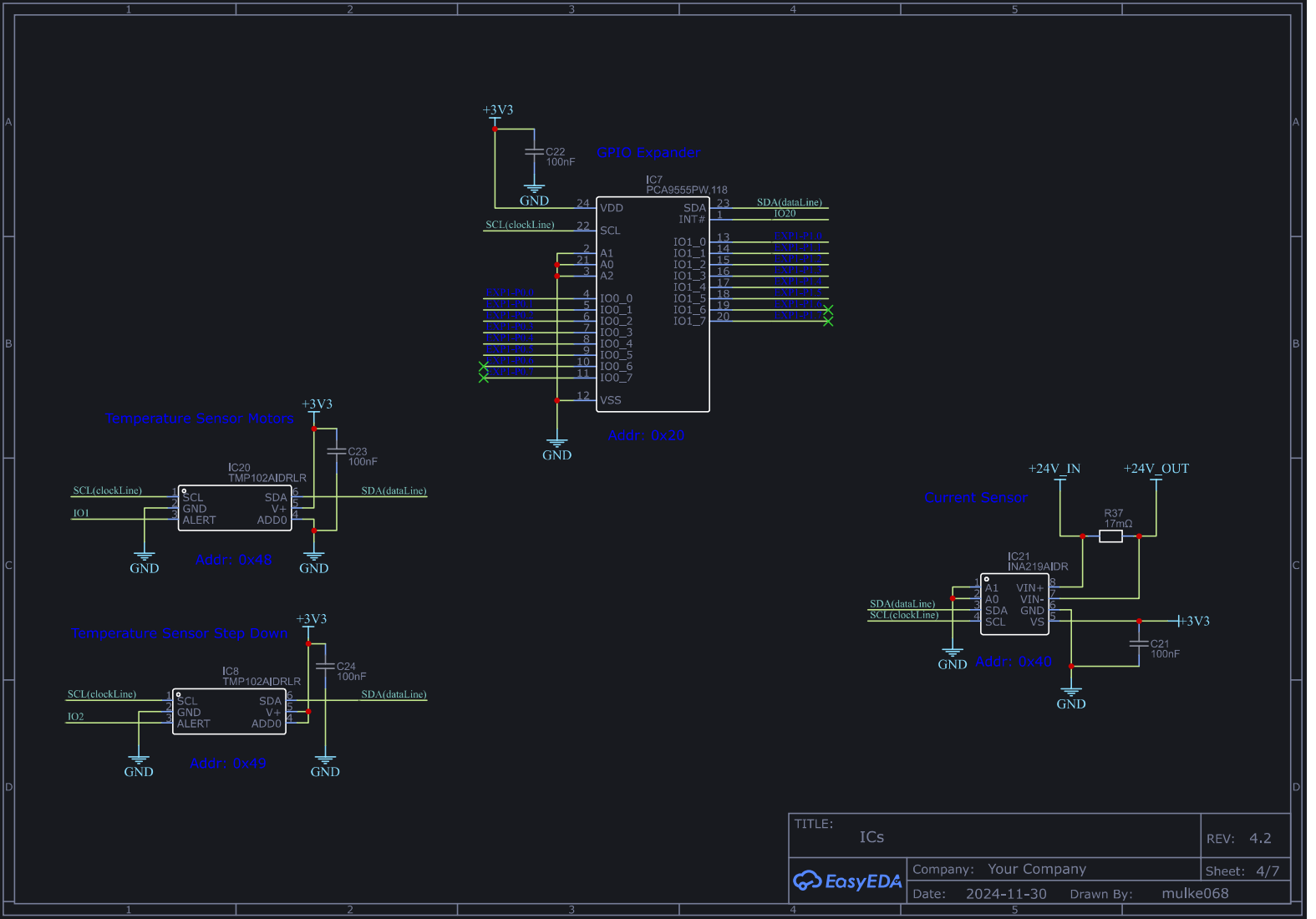


Serial Signal Handling

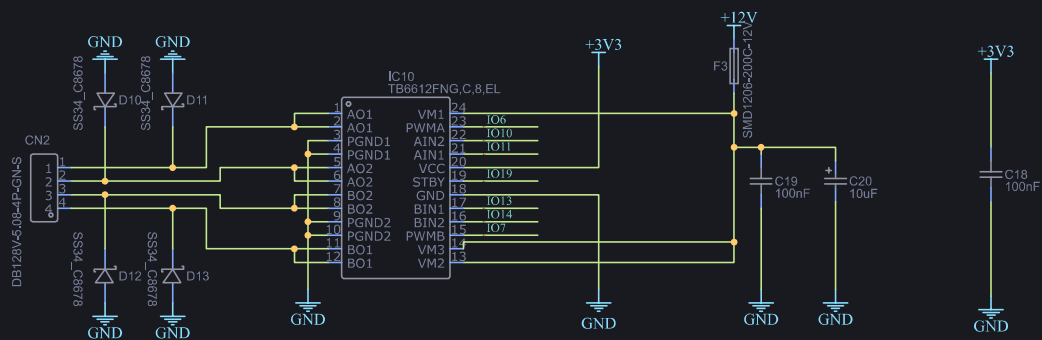
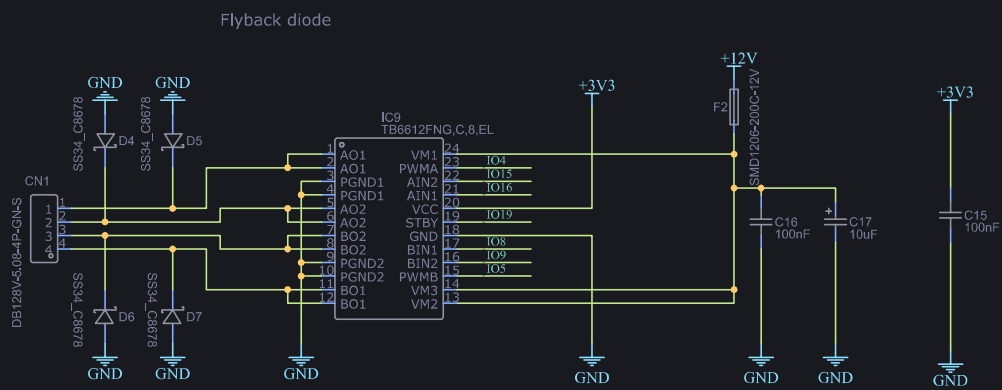
NF: Not Fited by Default

Richtlinie CP.: https://www.lcsc.com/datasheet/lcsc_datasheet_2304140030_SKYWORKS-SILICON-LABS-CP2102N-A02-GQFN28R_C964632.pdf

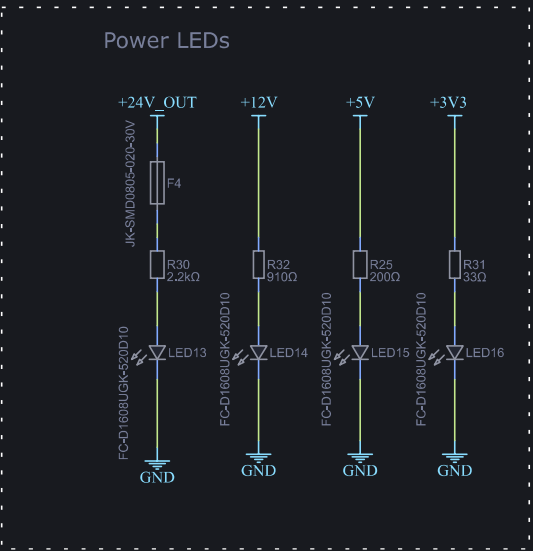
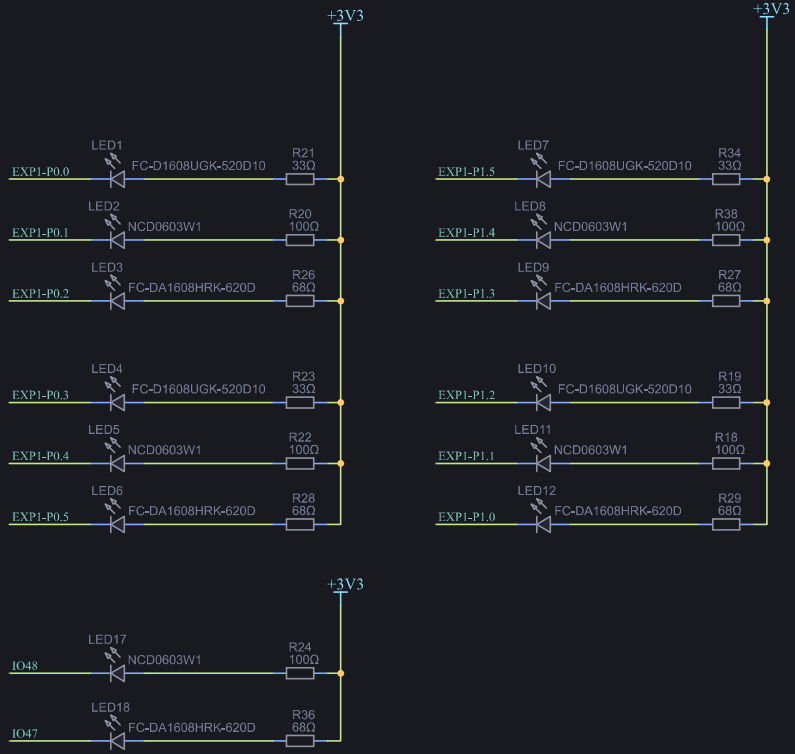
TITLE: USB-C to MCU Connector		REV: 4.2
Company: Your Company		Sheet: 2/7
Date: 2024-12-24	Drawn By: mulke068	



TITLE: ICs		REV: 4.2
Company: Your Company		Sheet: 4/7
Date: 2024-11-30	Drawn By: mulke068	

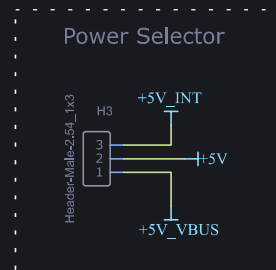
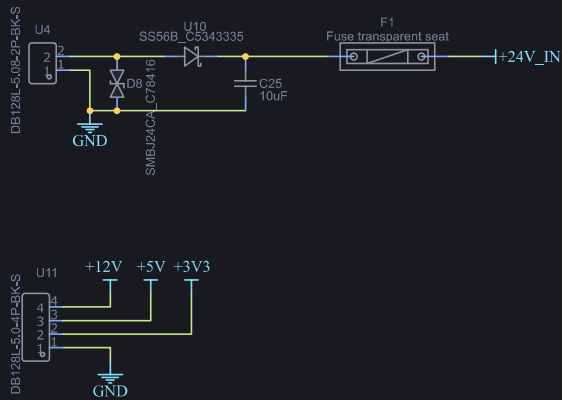


TITLE: Driver Modules		REV: 4.2
	Company: Your Company	Sheet: 5/7
	Date: 2024-12-15 Drawn By: mulke068	



Green - FC-D1608UGK-520D10 - 20mA 3.2V
White - NCD0603W1 - 20mA 3.2V
Red - FC-DA1608HRK-620D - 25mA 2.5V
0,26A Consumption

TITLE: LED's		REV: 4.2
EasyEDA		Sheet: 6/7
Company: Your Company		
Date: 2024-12-26	Drawn By: mulke068	



Overcurrent protection for each motor driver using polyfuses or electronic current limiters.
ESD protection diodes on inputs/outputs.

TITLE: Connectors		REV: 4.2
EasyEDA	Company: Your Company	Sheet: 7/7
	Date: 2025-02-08	Drawn By: mulke068