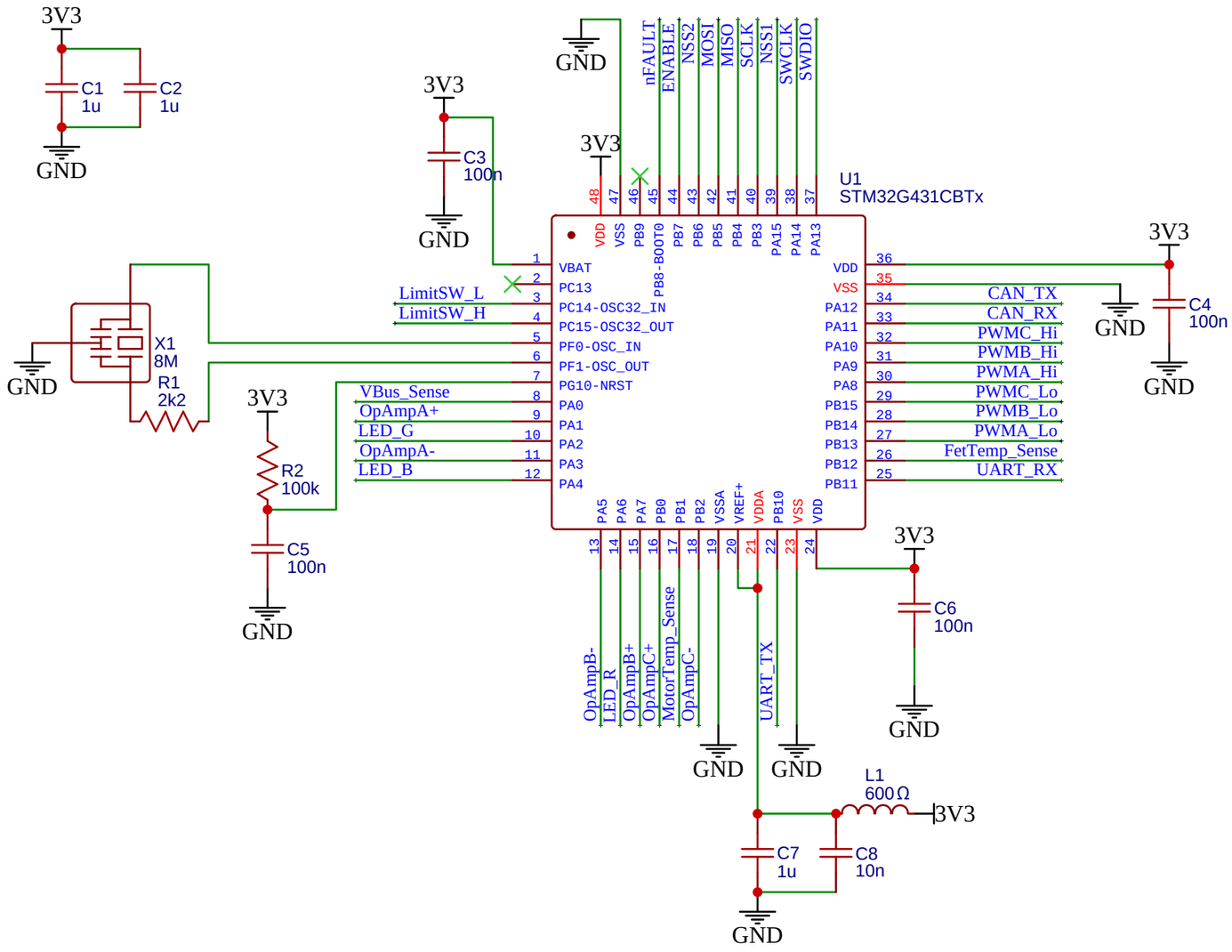
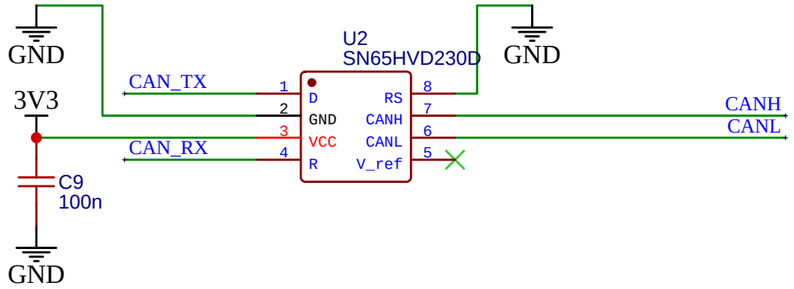
Microcontroller

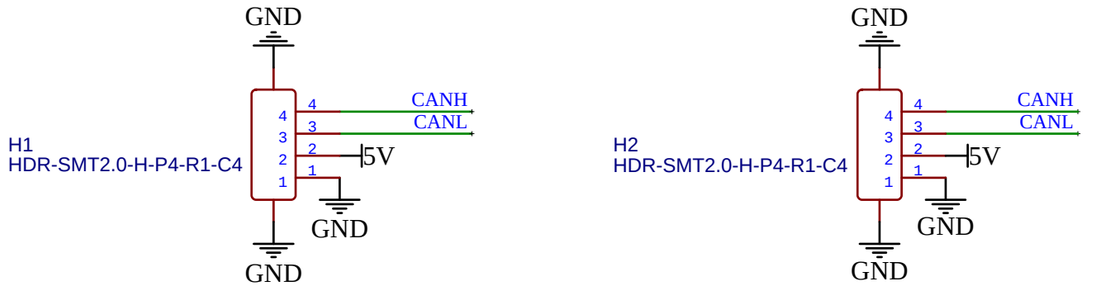


TITLE: Sheet_1		REV: 1.0
嘉立创EDA	Company: Your Company	Sheet: 1/1
	Date: 2022-09-24 Drawn By: T-K-233	

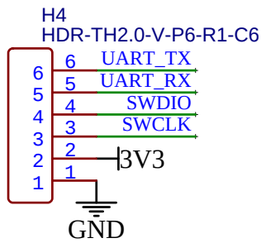
CAN Transciever



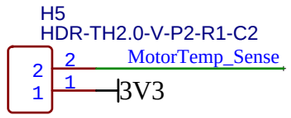
CAN



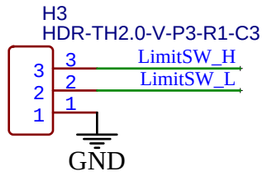
Debug



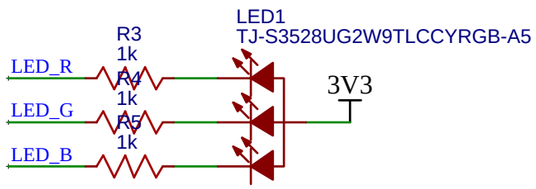
Motor Temperature



Limit Switch

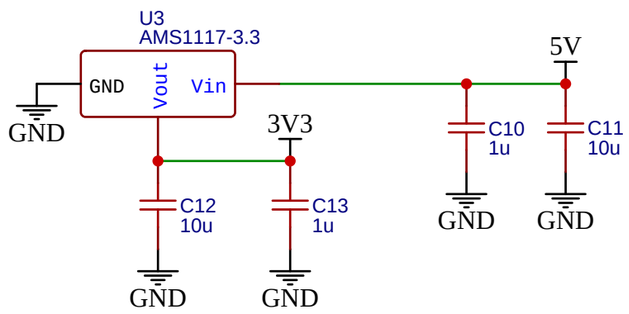


Status LED



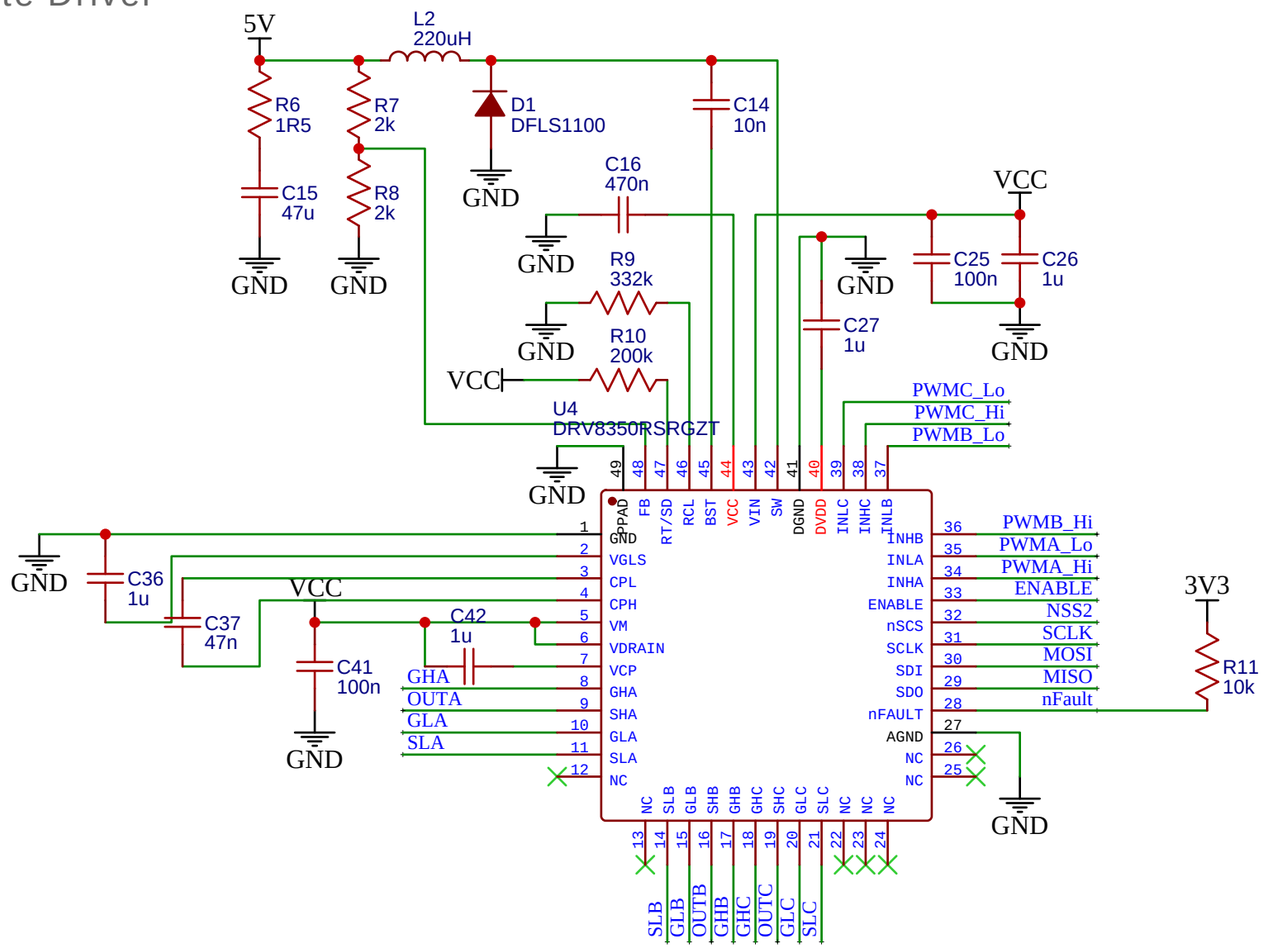
TITLE: Sheet_2	REV: 1.0
嘉立创EDA	Company: Your Company / Sheet: 1/1
	Date: 2022-09-24 Drawn By: T-K-233

3V3 Supply

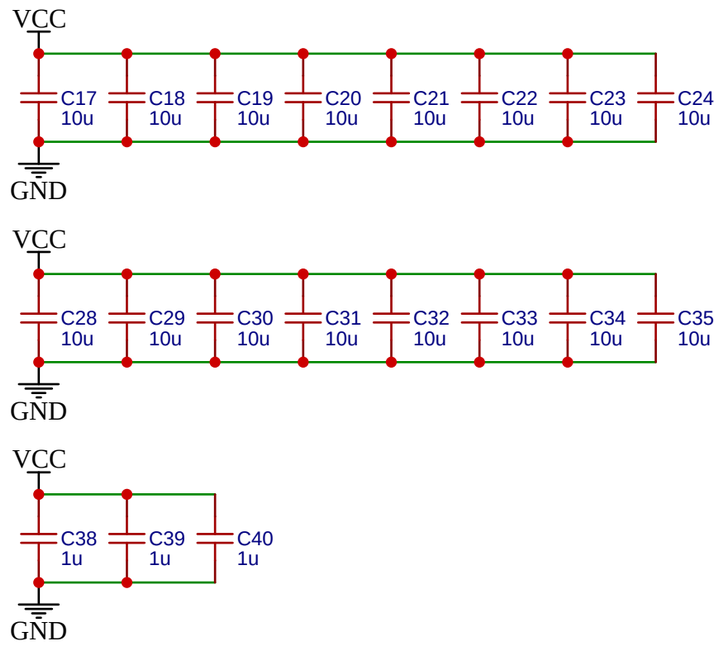


TITLE: Sheet_3		REV: 1.0
嘉立创EDA	Company: Your Company	Sheet: 1/1
	Date: 2022-09-24 Drawn By: T-K-233	

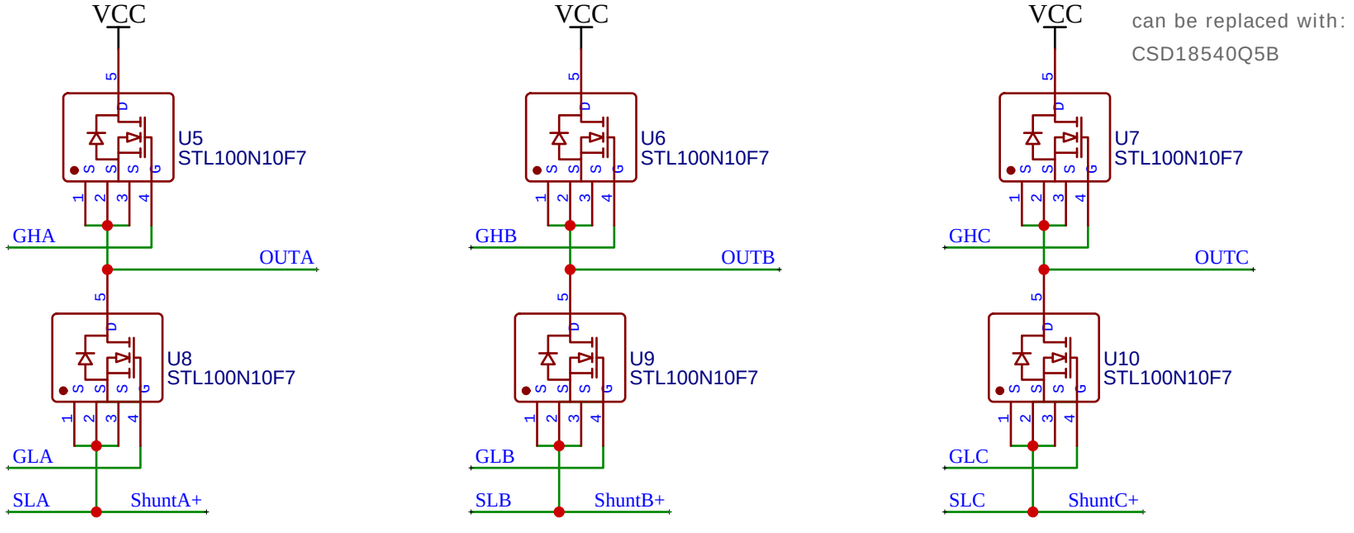
Gate Driver



Bulk Caps



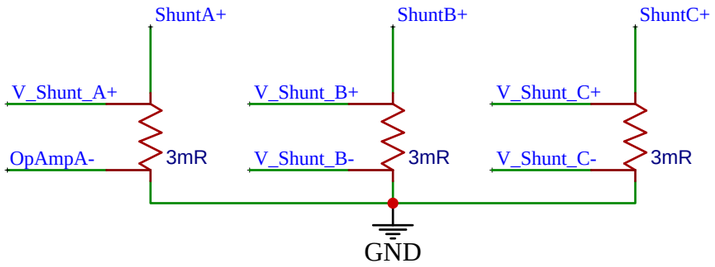
MOSFets

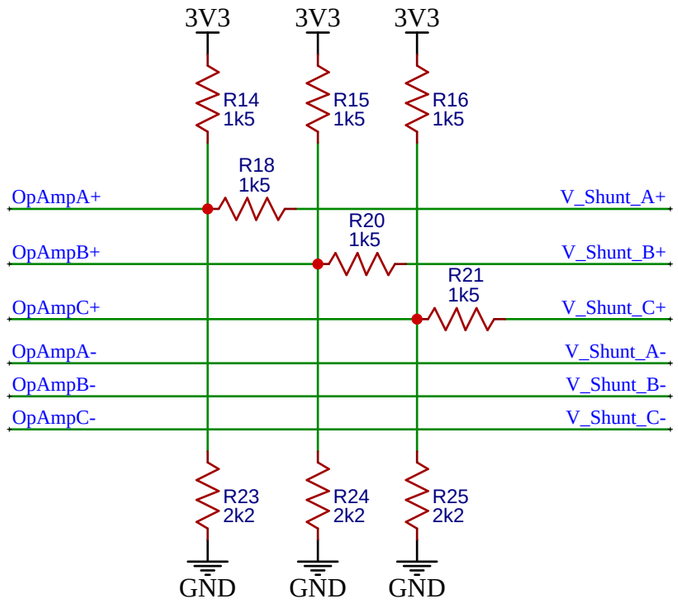


TITLE: Sheet_4	REV: 1.0
Company: Your Company	Sheet: 1/1
Date: 2022-09-24 Drawn By: T-K-233	

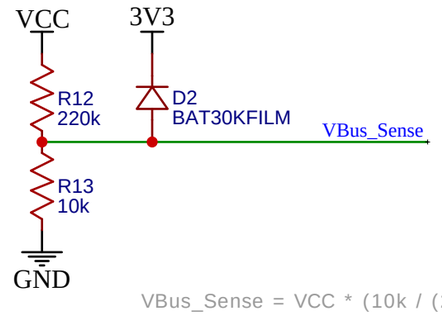
嘉立创EDA

Current Sense





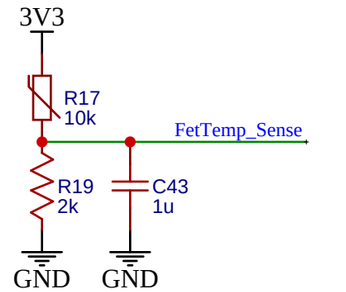
Voltage Sense

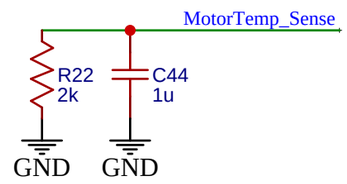


VBus_Sense = VCC * (10k / (220k + 10k))

range: 5V ~ 75V

Temperature Sense



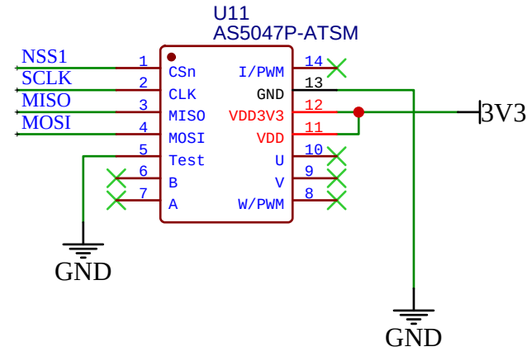


Temp_Sense = 3V3 * (2k / (NTC + 2k))

NTC = 10 * math.exp(3428 * (1/temp_in_K - 1/298))

range: 10C ~ 100C

Encoder



TITLE: Sheet_5		REV: 1.0
嘉立创EDA	Company: Your Company	Sheet: 1/1
	Date: 2022-09-24 Drawn By: T-K-233	