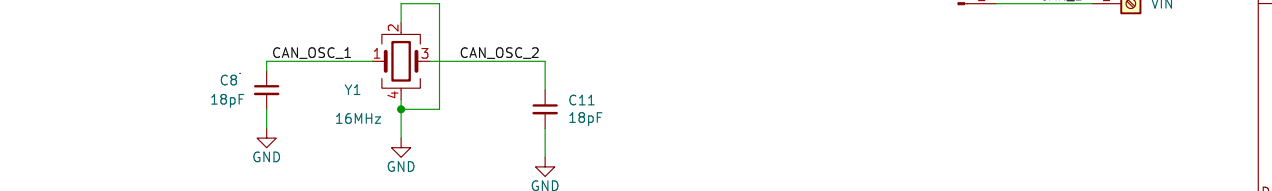
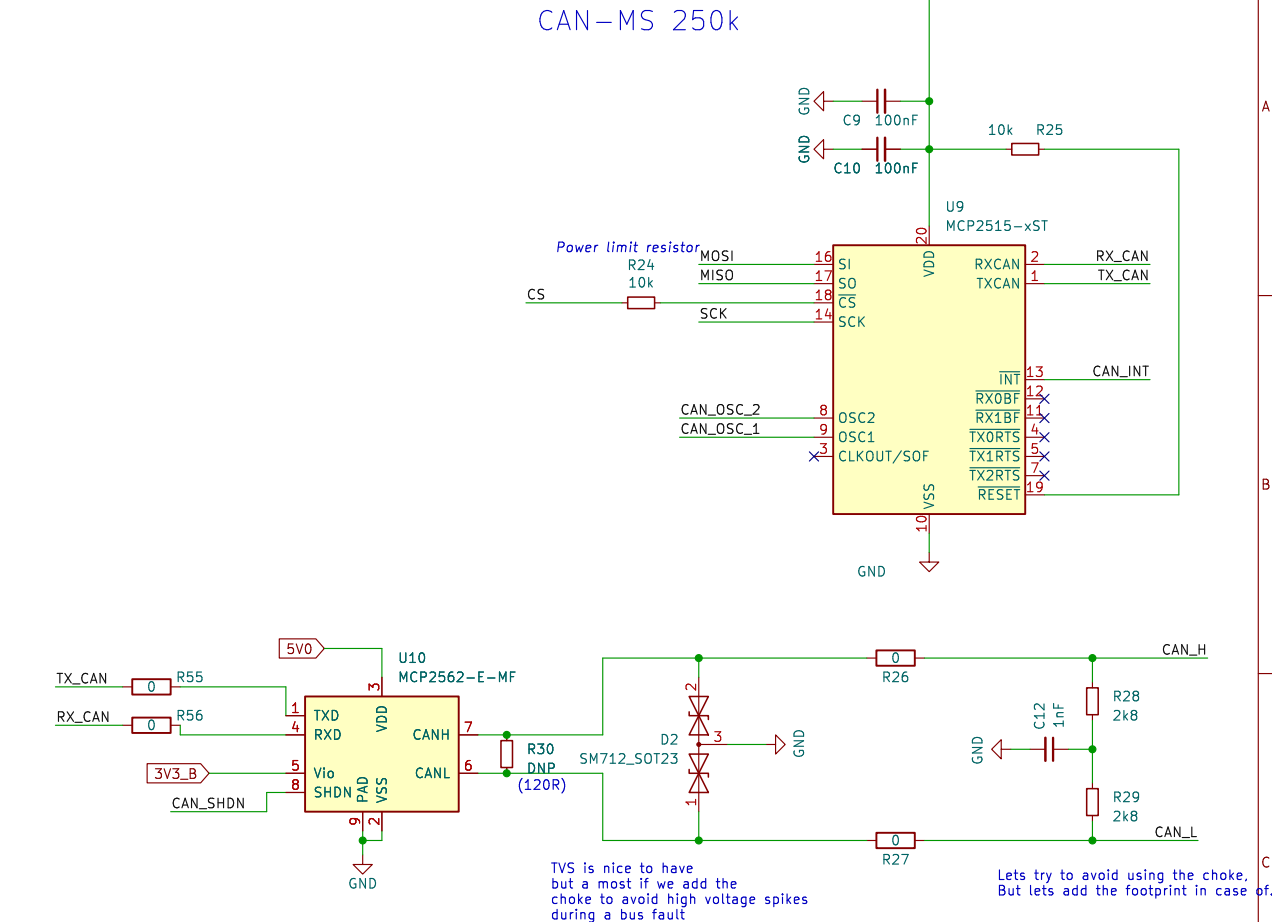
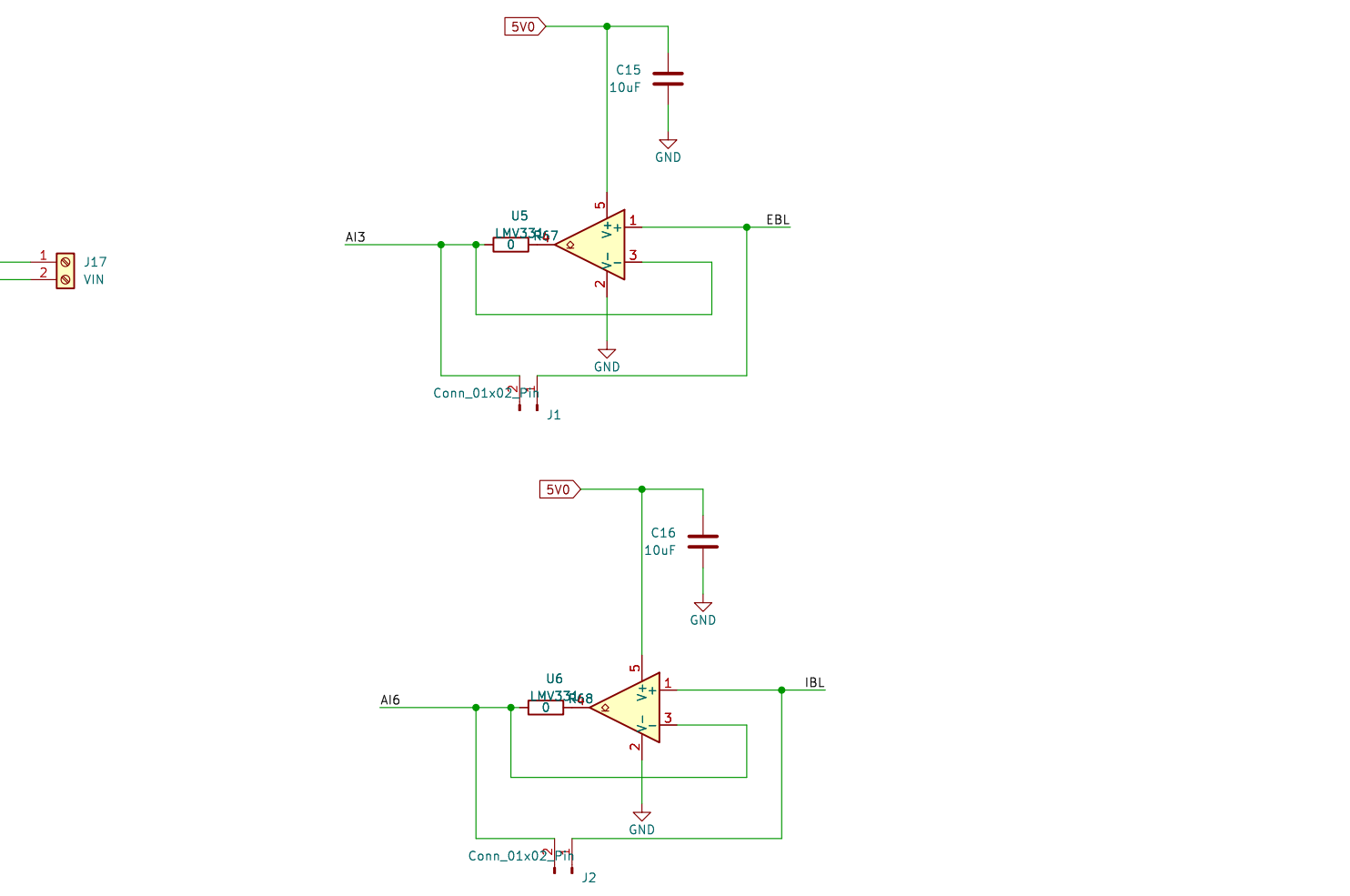
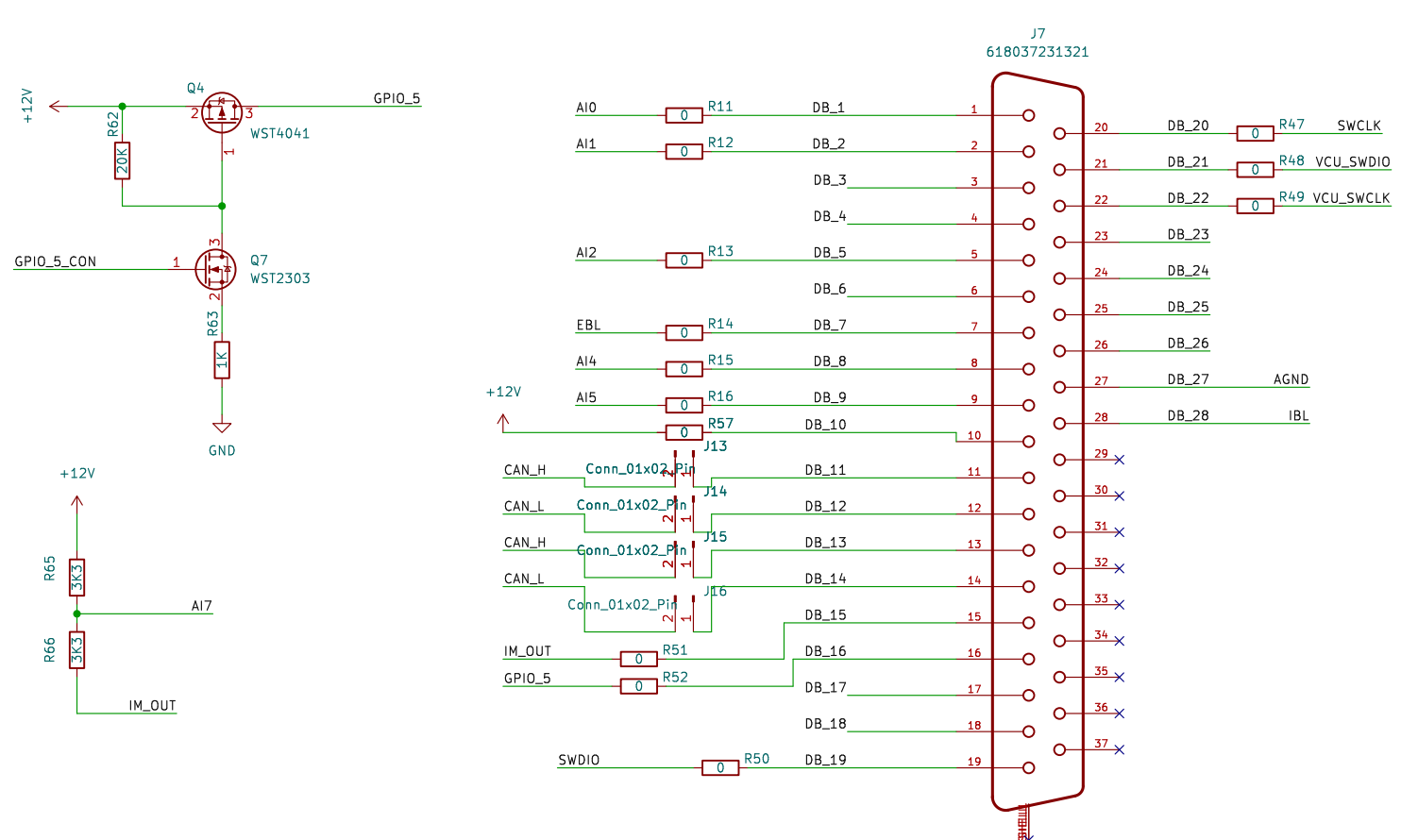
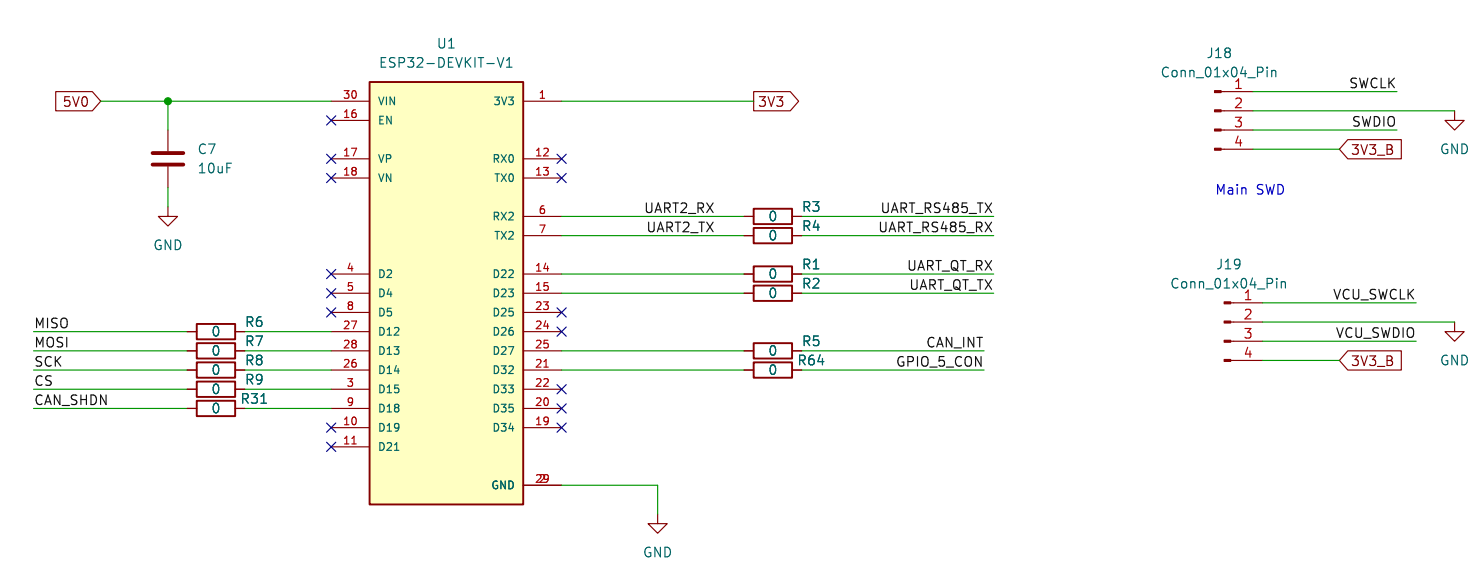
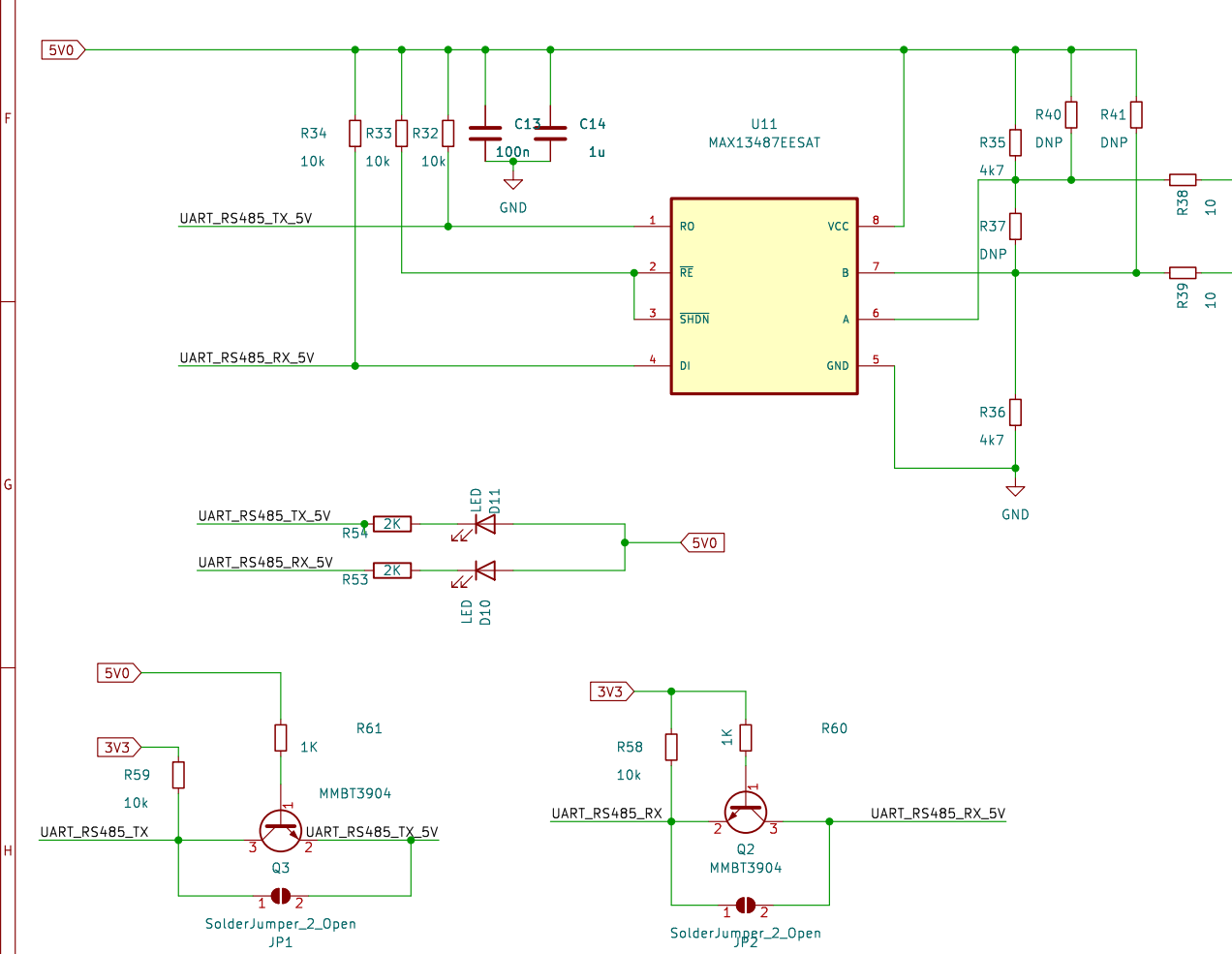
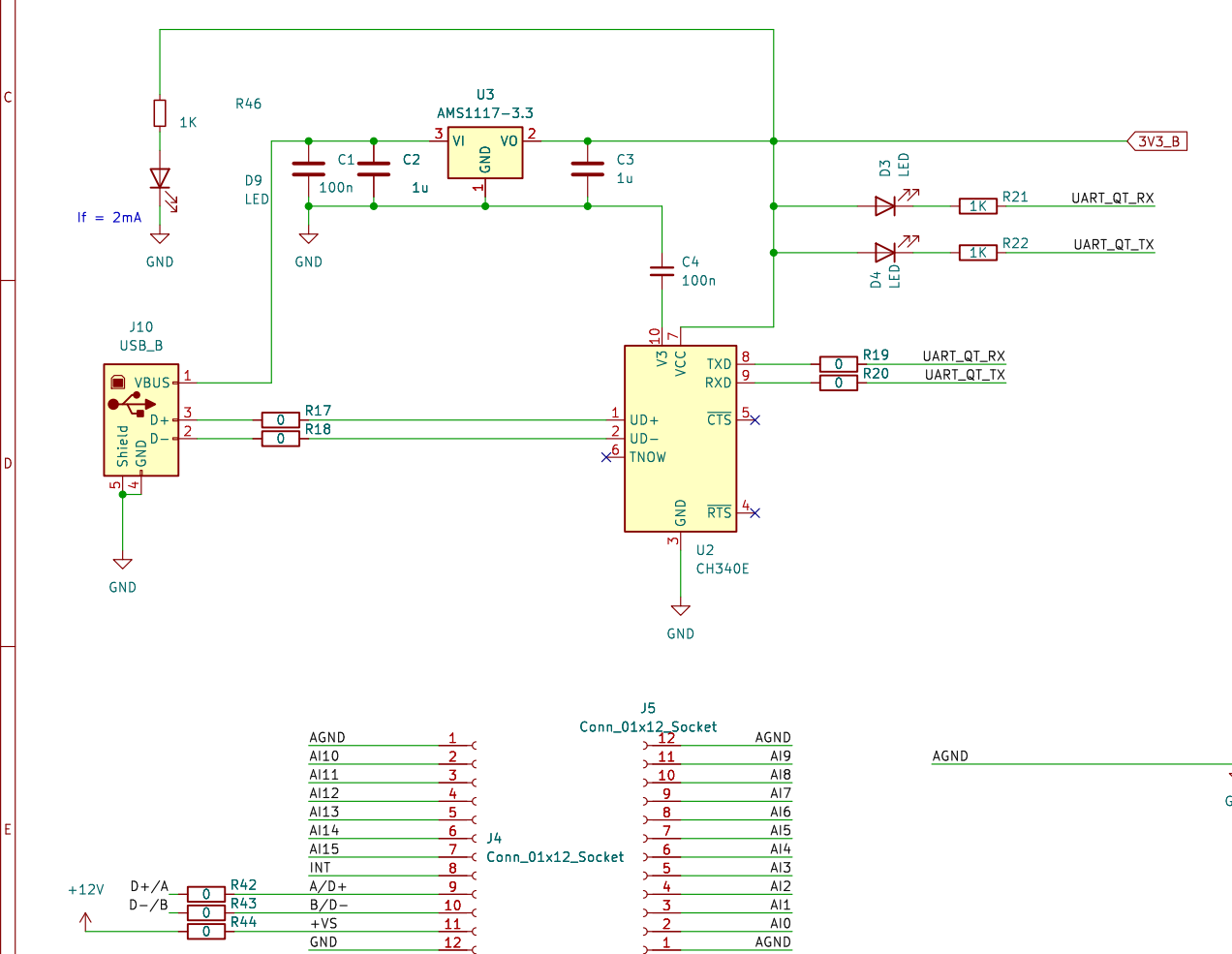
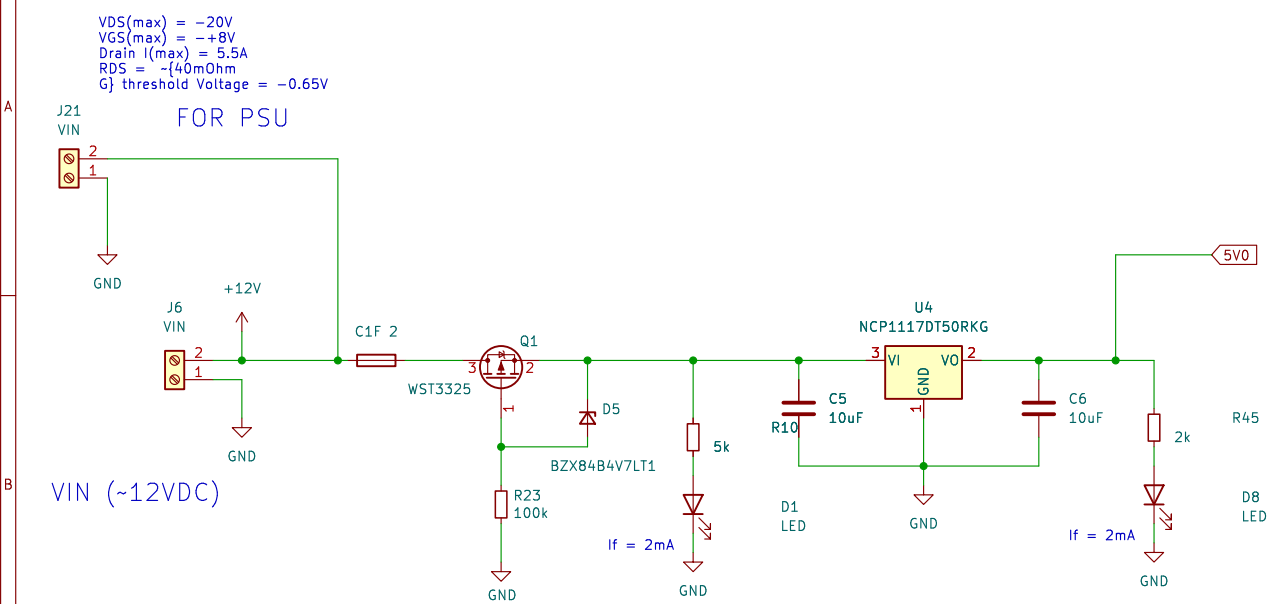


## Reverse voltage protection



J9		J9		DB37		
Conn_01x19_Pin	DB-1	Conn_01x18_Pin	DB-20		Test_PIN	Pin_Description
2	DB-2	1	DB-20	1	TP1	4V7 BOOST
3	DB-3	2	DB-21	2	TP2	5V0
4	DB-4	3	DB-22	3	TP3	UART_TX
5	DB-5	4	DB-23	4	TP4	60VH
6	DB-6	5	DB-24	5	TP5	3V3 ALWAYS_ON
7	DB-7	6	DB-25	6	TP6	UART_RX
8	DB-8	7	DB-26	7	TP7	EBL
9	DB-9	8	DB-27	8	TP8	4V0 MODEM
10	DB-10	9	DB-28	9	TP10	3V3 ANT
11	DB-11	10	DB-29	10	TP-1	60V
12	DB-12	11	DB-30	11	TP-2	CAN_250_H
13	DB-13	12	DB-31	12	TP-3	CAN_500_H
14	DB-14	13	DB-32	13	TP-4	CAN_500_H
15	DB-15	14	DB-33	14	TP-5	CAN_500_L
16	DB-16	15	DB-34	15	TP-6	IN_OUT
17	DB-17	16	DB-35	16	TP-7	GPIO_5
18	DB-18	17	DB-36	17	TP-8	GPIO_1
19	DB-19	18	DB-37	18	TP-9	TAMPER_CONN
				19	TP-10	SWDIO
				20	TP-11	SWDCLK
				21	TP-12	GPIO_2
				22	TP-13	VCU_SWCLK
				23	TP-14	GPIO_3
				24	TP-15	GPIO_3
				25	TP-16	GPIO_4
				26	TP-17	AIN_100V
				27	TP-18	GND
				28		
				29		
				30		
				31		
				32		
				33		
				34		
				35		
				36		
				37		