

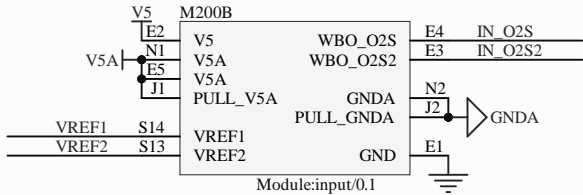
M200D			
PULL_CRANK J21	PULL_CRANK	PULL_MAP1	J14 PULL_MAP1
PULL_CAM J17	PULL_CAM	PULL_MAP2	J13 PULL_MAP2
PULL_VSS J18	PULL_VSS	PULL_MAP3	J12 PULL_MAP3
PULL_TPS J19	PULL_TPS	PULL_AUX1	J10 PULL_AUX1
PULL_PPS J5	PULL_PPS	PULL_AUX2	J9 PULL_AUX2
PULL_IAT J15	PULL_IAT	PULL_AUX3	J8 PULL_AUX3
PULL_CLT J16	PULL_CLT	PULL_AUX4	J7 PULL_AUX4
PULL_O2S J20	PULL_O2S	PULL_SENS1	J26 PULL_SENS1
PULL_O2S2 J4	PULL_O2S2	PULL_SENS2	J25 PULL_SENS2
		PULL_SENS3	J24 PULL_SENS3
		PULL_SENS4	J23 PULL_SENS4
PULL_RES1 J6	PULL_RES1	PULL_KNOCK	J22 PULL_KNOCK
PULL_RES2 J3	PULL_RES2		
PULL_RES3 J11	PULL_RES3		

Module:input/0.1

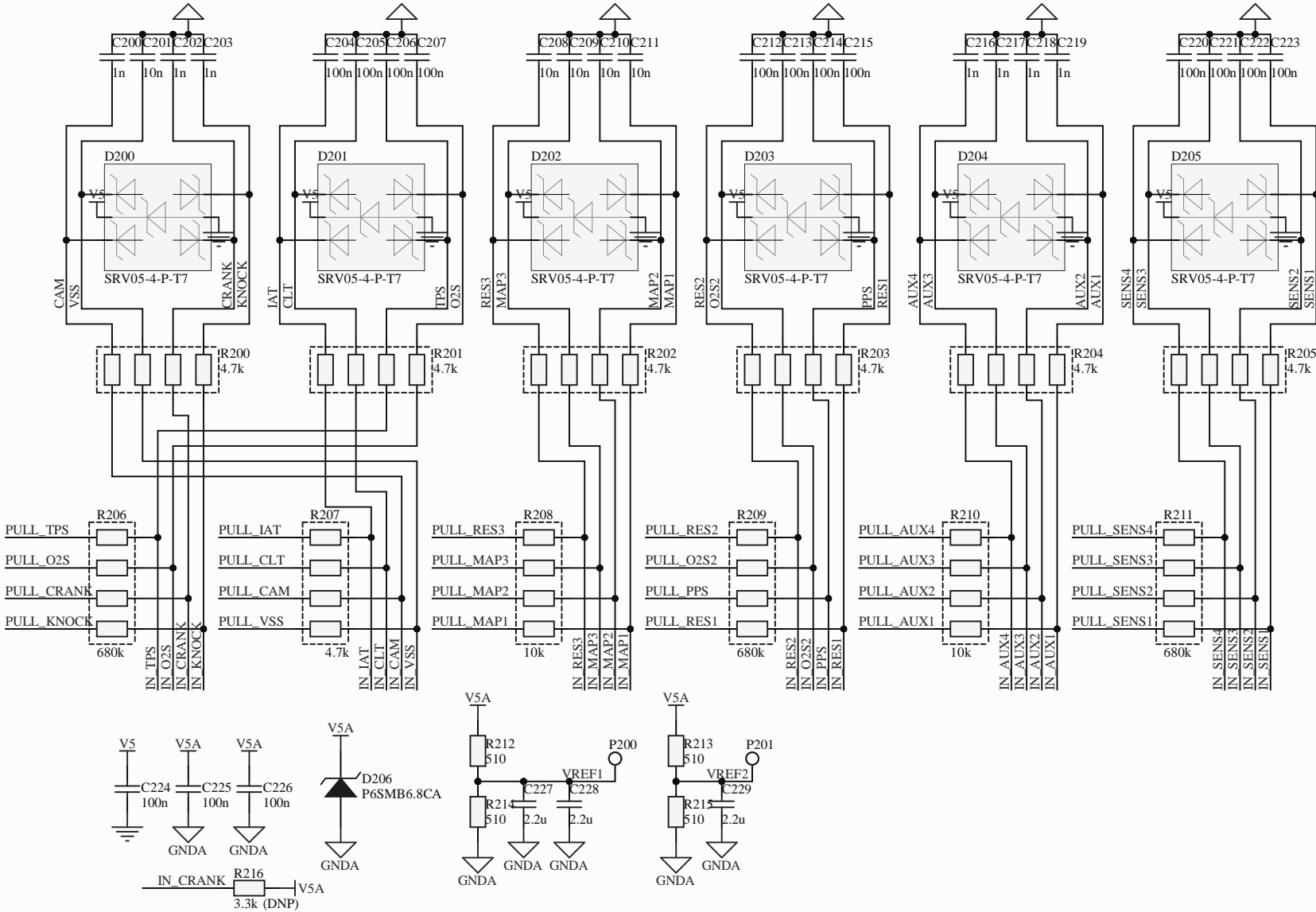
M200C			M200A		
IN_CRANK S8	IN_CRANK	N21 CRANK	CRANK	N19 CAM	
IN_CAM S5	IN_CAM	N19 CAM		N20 VSS	
IN_VSS S6	IN_VSS				
IN_TPS S10	IN_TPS	N17 TPS	TPS		
IN_PPS S24	IN_PPS	N5 PPS	PPS		
IN_IAT S16	IN_IAT	N15 IAT	IAT		
IN_CLT S15	IN_CLT	N16 CLT	CLT		
IN_O2S S9	IN_O2S	N18 O2S	O2S		
IN_O2S2 S25	IN_O2S2	N4 O2S2	O2S2		
IN_RES1 S23	IN_RES1	N6 RES1	RES1		
IN_RES2 S26	IN_RES2	N3 RES2	RES2		
IN_RES3 S22	IN_RES3	N11 RES3	RES3		
IN_MAP1 S11	IN_MAP1	N14 MAP1	MAP1		
IN_MAP2 S12	IN_MAP2	N13 MAP2	MAP2		
IN_MAP3 S19	IN_MAP3	N12 MAP3	MAP3		
IN_AUX1 S17	IN_AUX1	N10 AUX1	AUX1		
IN_AUX2 S18	IN_AUX2	N9 AUX2	AUX2		
IN_AUX3 S20	IN_AUX3	N8 AUX3	AUX3		
IN_AUX4 S21	IN_AUX4	N7 AUX4	AUX4		
IN_SENS1 S1	IN_SENS1	N26 SENS1	SENS1		
IN_SENS2 S2	IN_SENS2	N25 SENS2	SENS2		
IN_SENS3 S3	IN_SENS3	N24 SENS3	SENS3		
IN_SENS4 S4	IN_SENS4	N23 SENS4	SENS4		
IN_KNOCK S7	IN_KNOCK	N22 KNOCK	KNOCK		

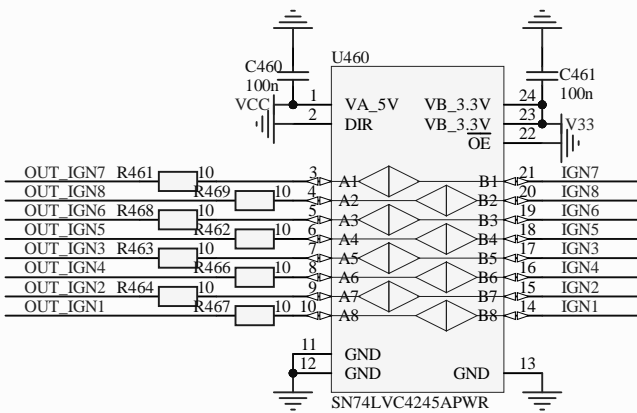
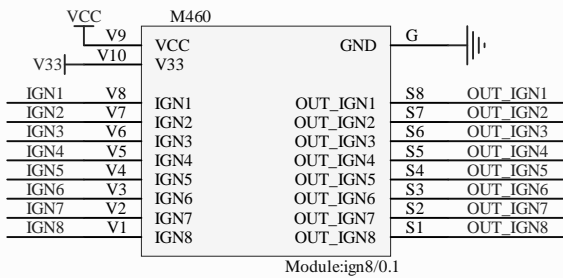
Module:input/0.1

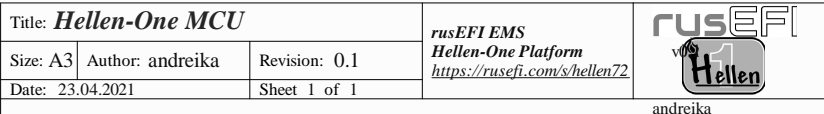
Module:input/0.1

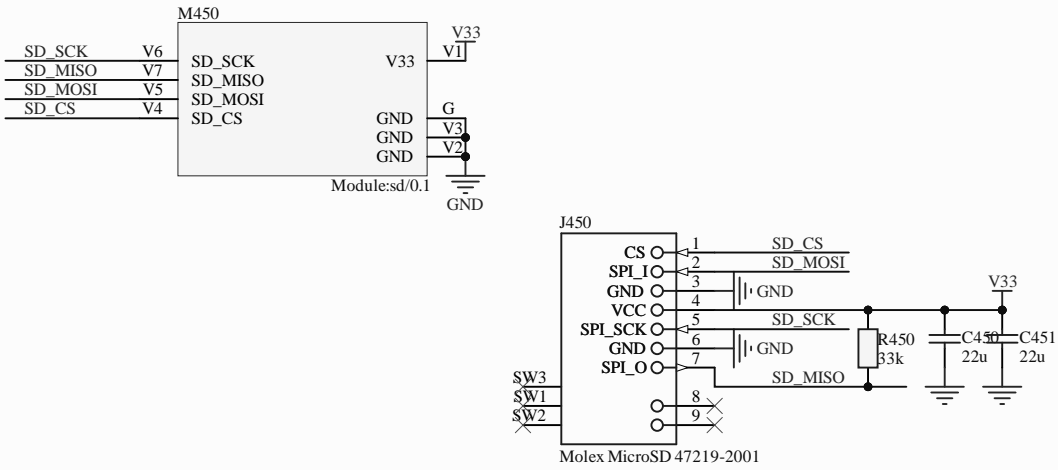


Module:input/0.1









A

B

C

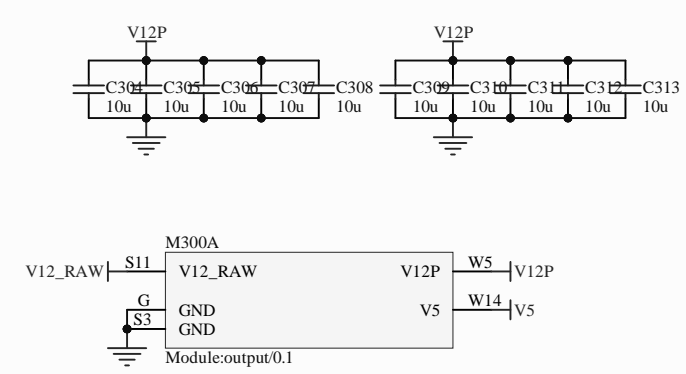
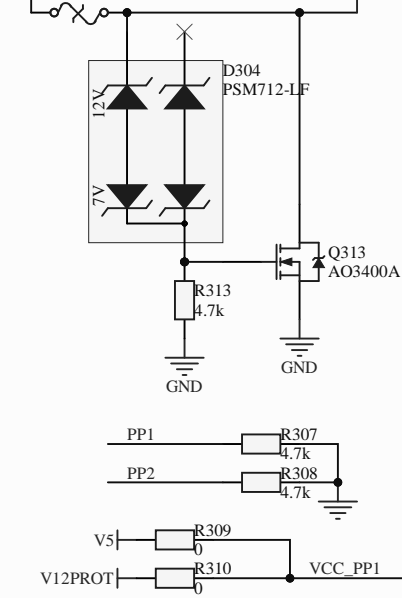
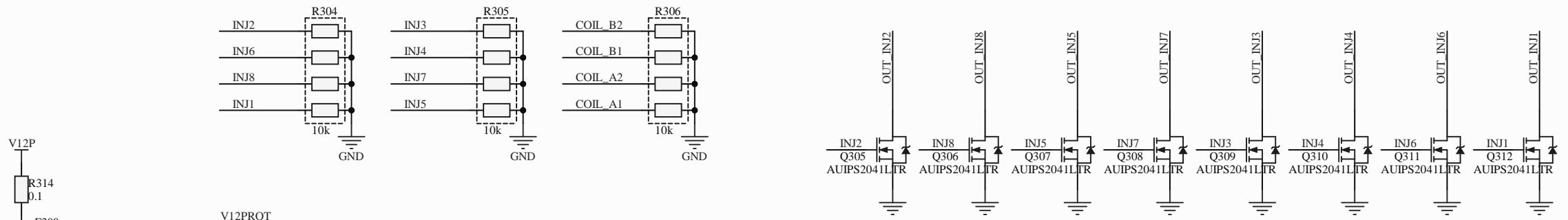
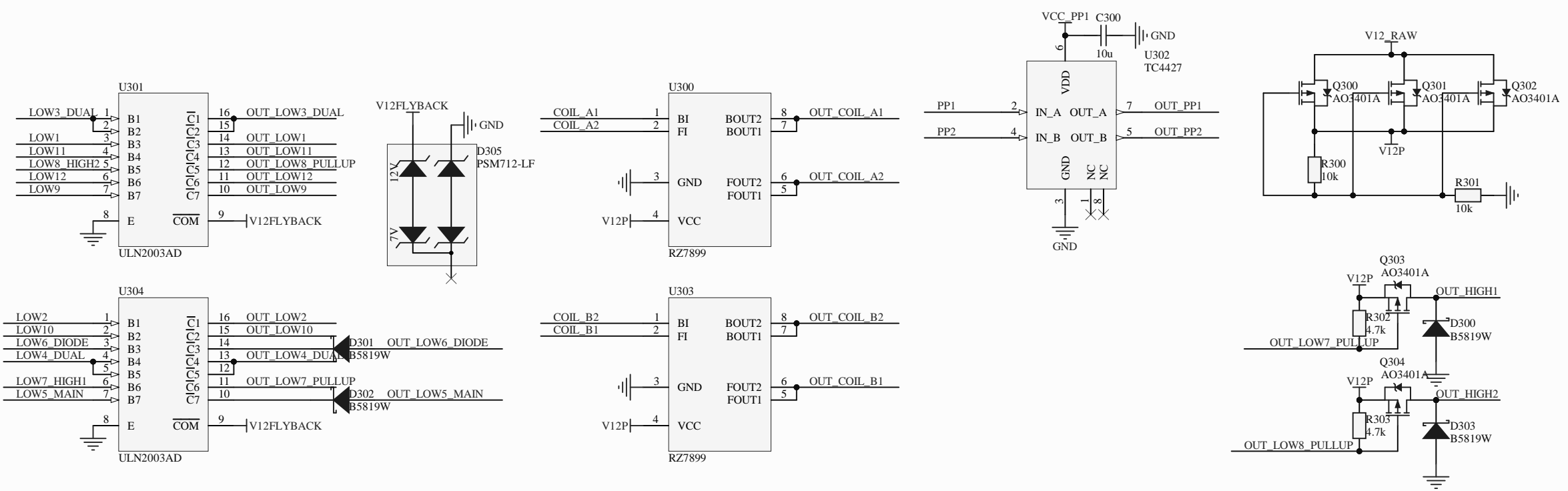
D

A

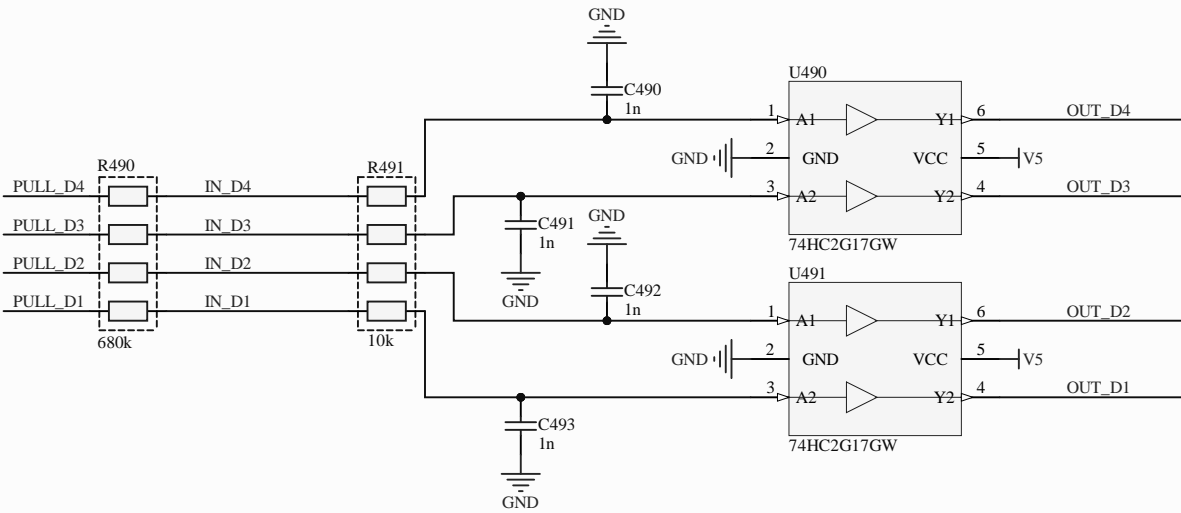
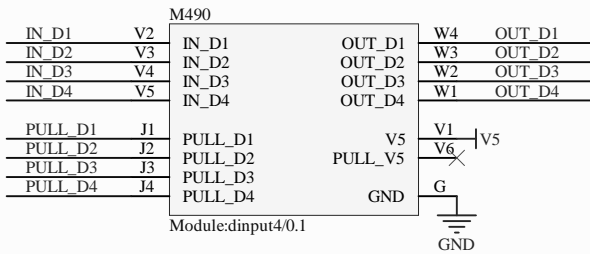
B

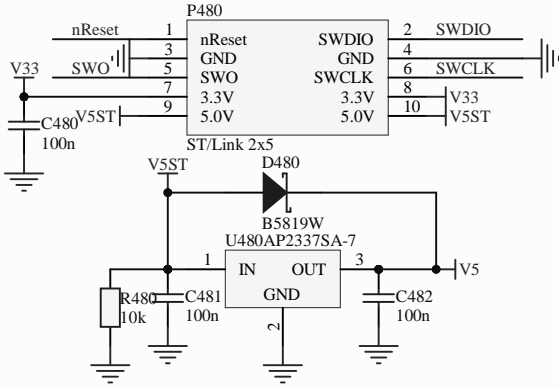
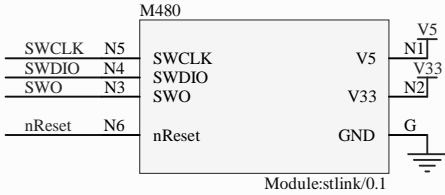
C

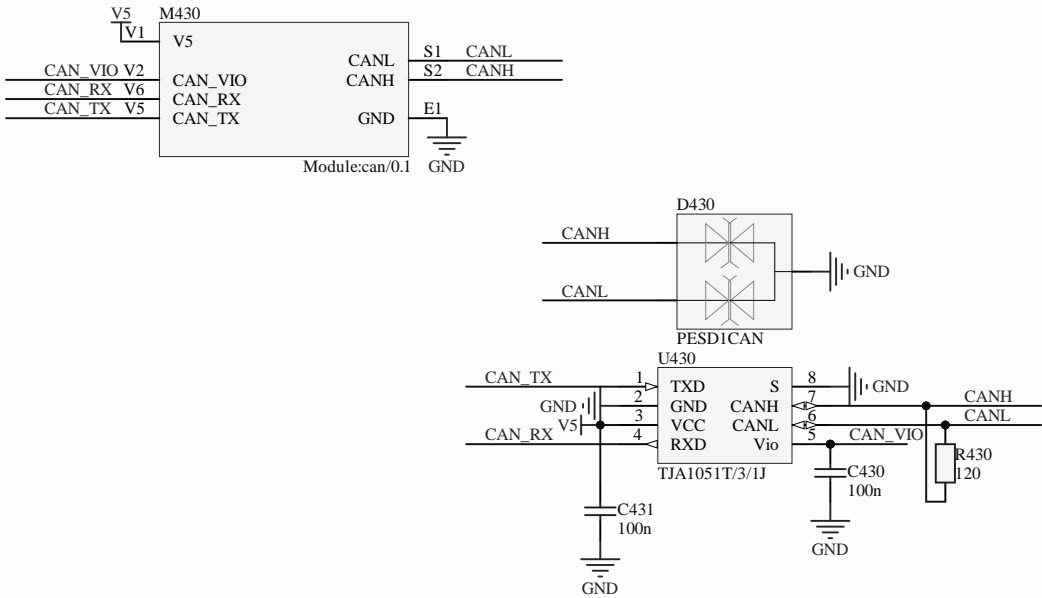
D

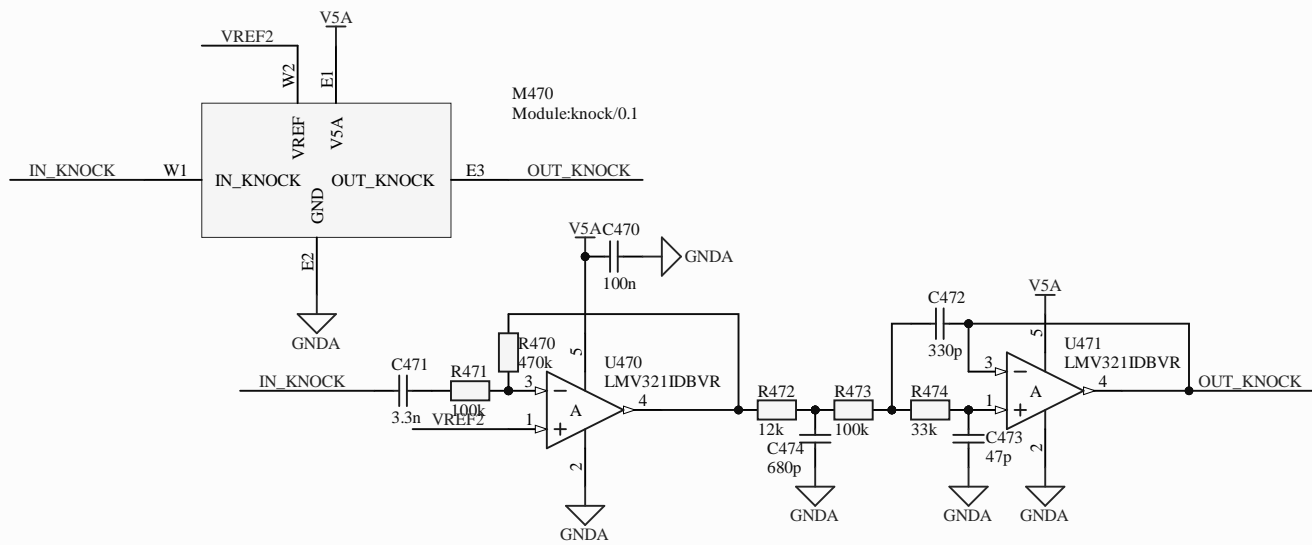


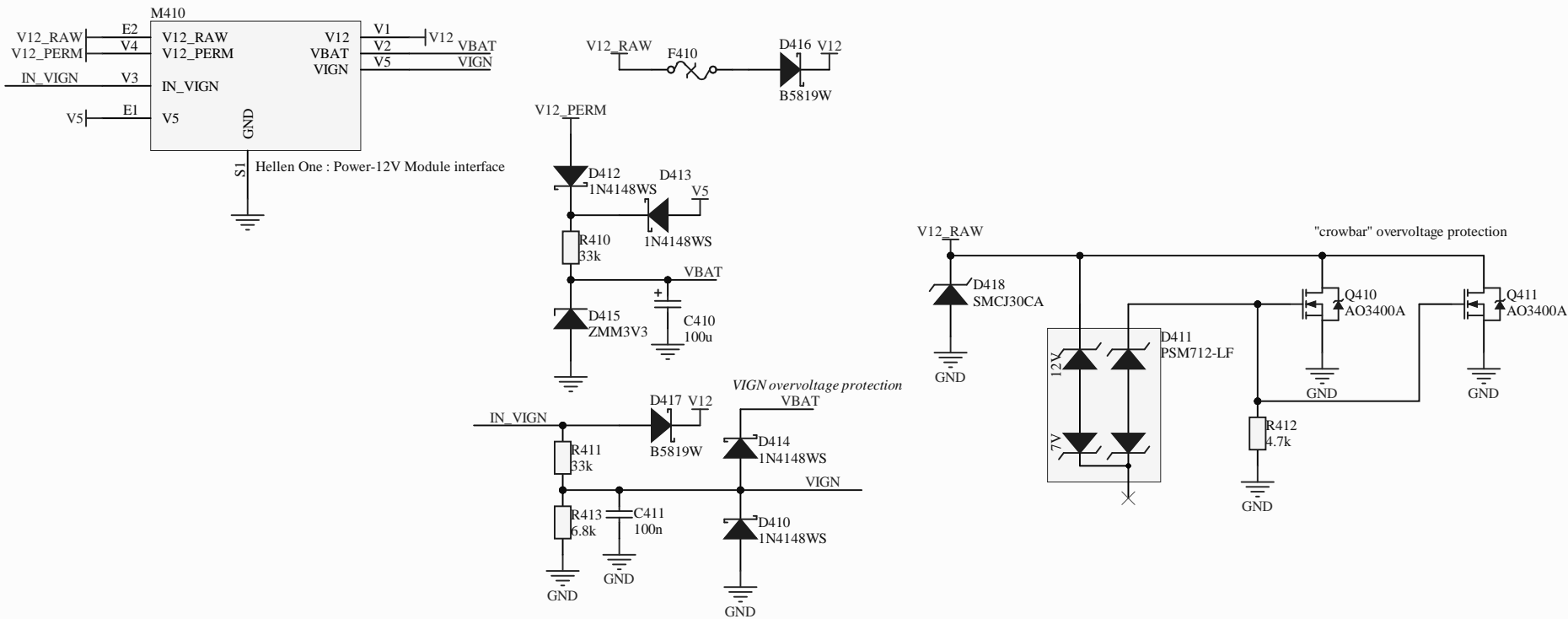
INJ1	W24	INJ1	W24	OUT_INJ1	S18	OUT_INJ1	S18
INJ2	W23	INJ2	W23	OUT_INJ2	S16	OUT_INJ2	S16
INJ3	W20	INJ3	W20	OUT_INJ3	S17	OUT_INJ3	S17
INJ4	W19	INJ4	W19	OUT_INJ4	W7	OUT_INJ4	W7
INJ5	W18	INJ5	W18	OUT_INJ5	W10	OUT_INJ5	W10
INJ6	W17	INJ6	W17	OUT_INJ6	S15	OUT_INJ6	S15
INJ7	W16	INJ7	W16	OUT_INJ7	W12	OUT_INJ7	W12
INJ8	W15	INJ8	W15	OUT_INJ8	W11	OUT_INJ8	W11
PP1	W28	PP1	W28	OUT_PP1	W6	OUT_PP1	W6
PP2	W22	PP2	W22	OUT_PP2	S6	OUT_PP2	S6
COIL_A1	W33	SOLENOID_A1	S1	OUT_COIL_A1	S1	OUT_COIL_A1	S1
COIL_A2	W32	SOLENOID_A2	S2	OUT_COIL_A2	S2	OUT_COIL_A2	S2
COIL_B1	W31	SOLENOID_B1	S4	OUT_COIL_B1	S4	OUT_COIL_B1	S4
COIL_B2	W30	SOLENOID_B2	S5	OUT_COIL_B2	S5	OUT_COIL_B2	S5
LOW1	W21	LOW1	S8	OUT_LOW1	S8	OUT_LOW1	S8
LOW2	W29	LOW2	W1	OUT_LOW2	W1	OUT_LOW2	W1
LOW3_DUAL	W38	LOW3_DUAL	S7	OUT_LOW3_DUAL	S7	OUT_LOW3_DUAL	S7
LOW4_DUAL	W34	LOW4_DUAL	W4	OUT_LOW4_DUAL	W4	OUT_LOW4_DUAL	W4
LOW5_MAIN	W40	LOW5_MAIN	W13	OUT_LOW5_MAIN	W13	OUT_LOW5_MAIN	W13
LOW6_DIODE	W25	LOW6_DIODE	W3	OUT_LOW6_DIODE	W3	OUT_LOW6_DIODE	W3
LOW7_HIGH1	W39	LOW7_HIGH1	W9	OUT_LOW7_PULLUP	W9	OUT_LOW7_PULLUP	W9
LOW8_HIGH2	W37	LOW8_HIGH2	S12	OUT_LOW8_PULLUP	S12	OUT_LOW8_PULLUP	S12
LOW9	W27	LOW9	S14	OUT_LOW9	S14	OUT_LOW9	S14
LOW10	W26	LOW10	W2	OUT_LOW10	W2	OUT_LOW10	W2
LOW11	W35	LOW11	S10	OUT_LOW11	S10	OUT_LOW11	S10
LOW12	W36	LOW12	S13	OUT_LOW12	S13	OUT_LOW12	S13
OUT_HIGH1	W8	OUT_HIGH1	W8	OUT_HIGH1	W8	OUT_HIGH1	W8
OUT_HIGH2	S9	OUT_HIGH2	S9	OUT_HIGH2	S9	OUT_HIGH2	S9

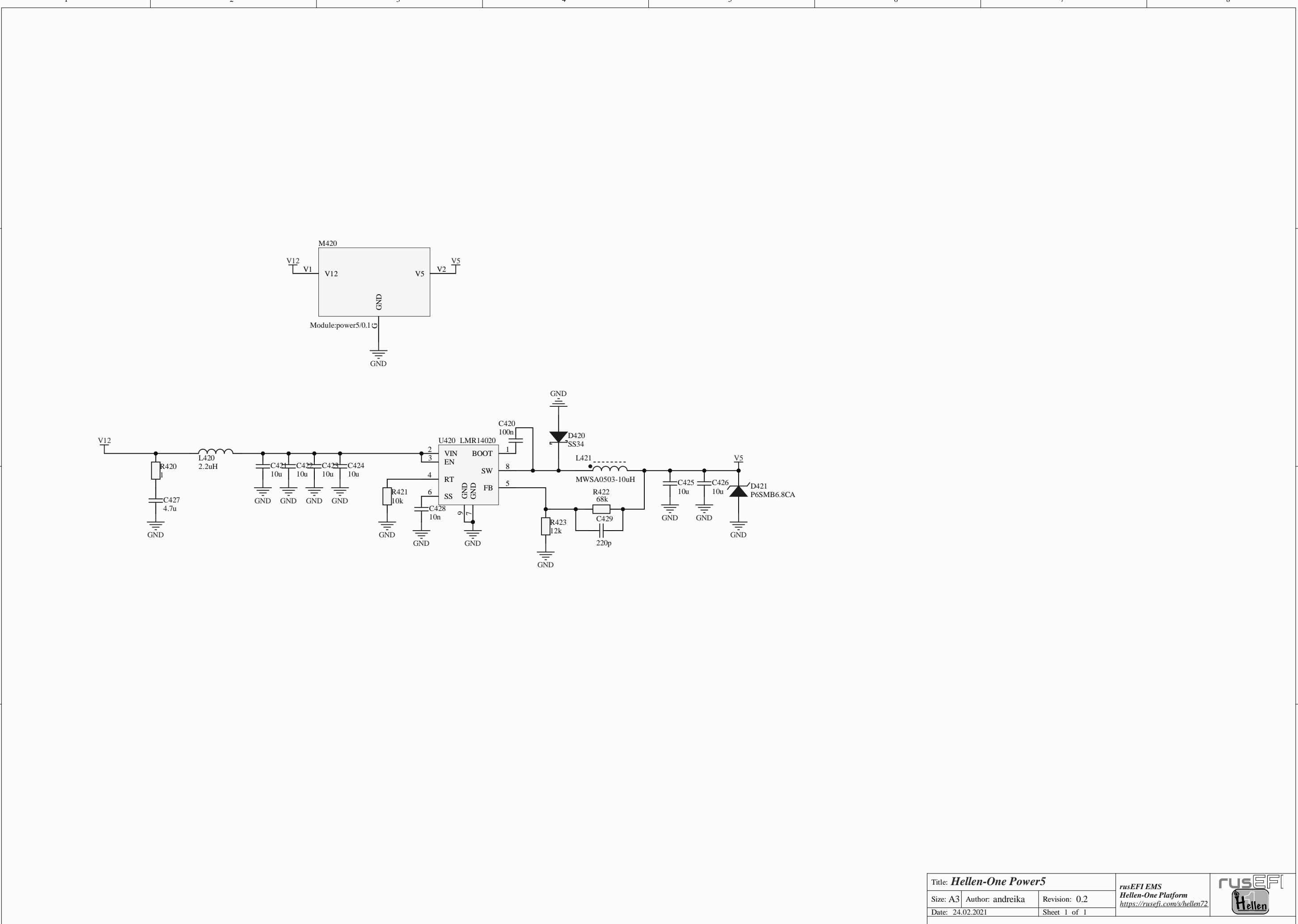


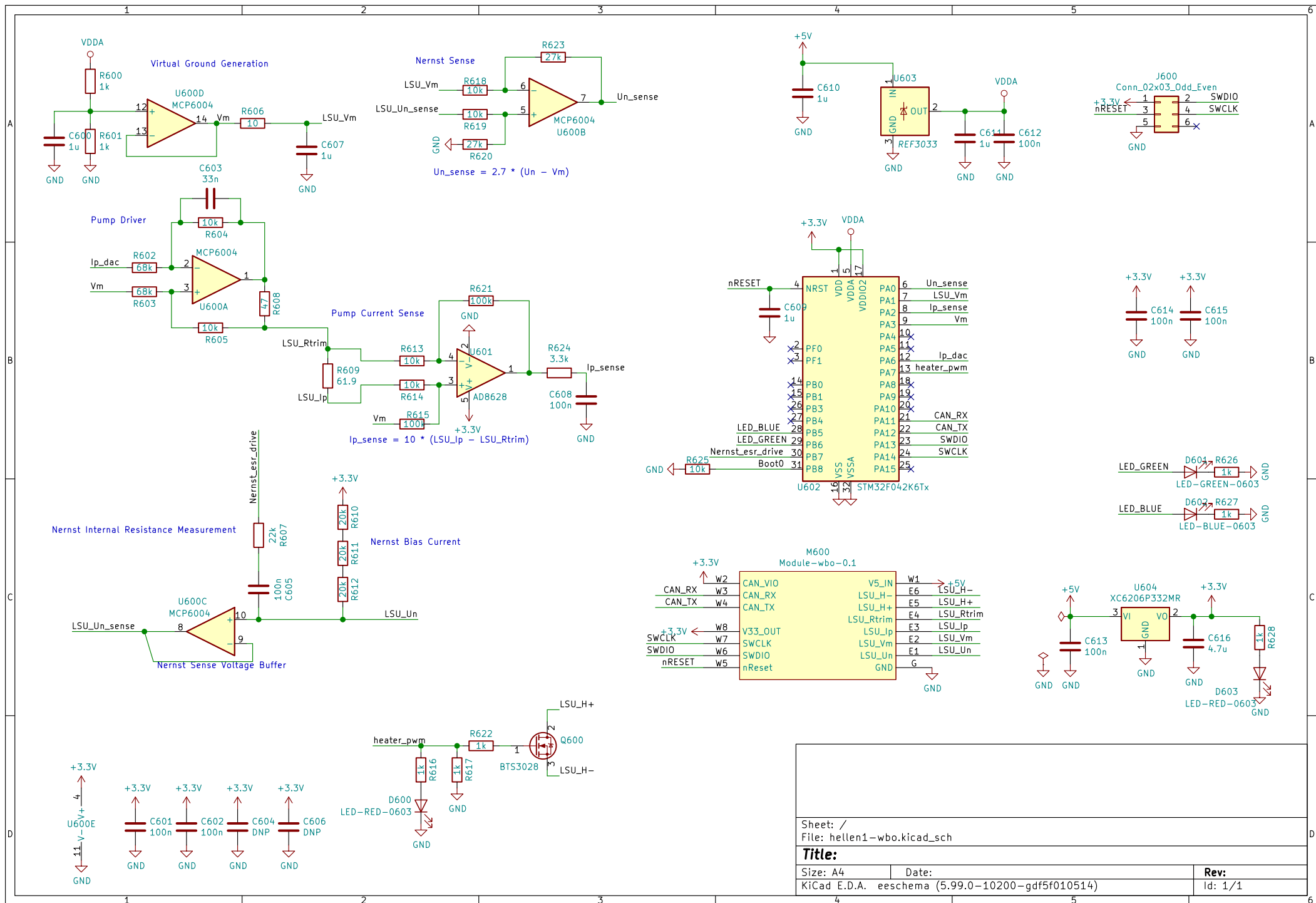












Sheet: /		
File: hellen1-wbo.kicad_sch		
Title:		
Size: A4	Date:	Rev:
KiCad E.D.A. eeschema (5.99.0-10200-gdf5f010514)		Id: 1/1