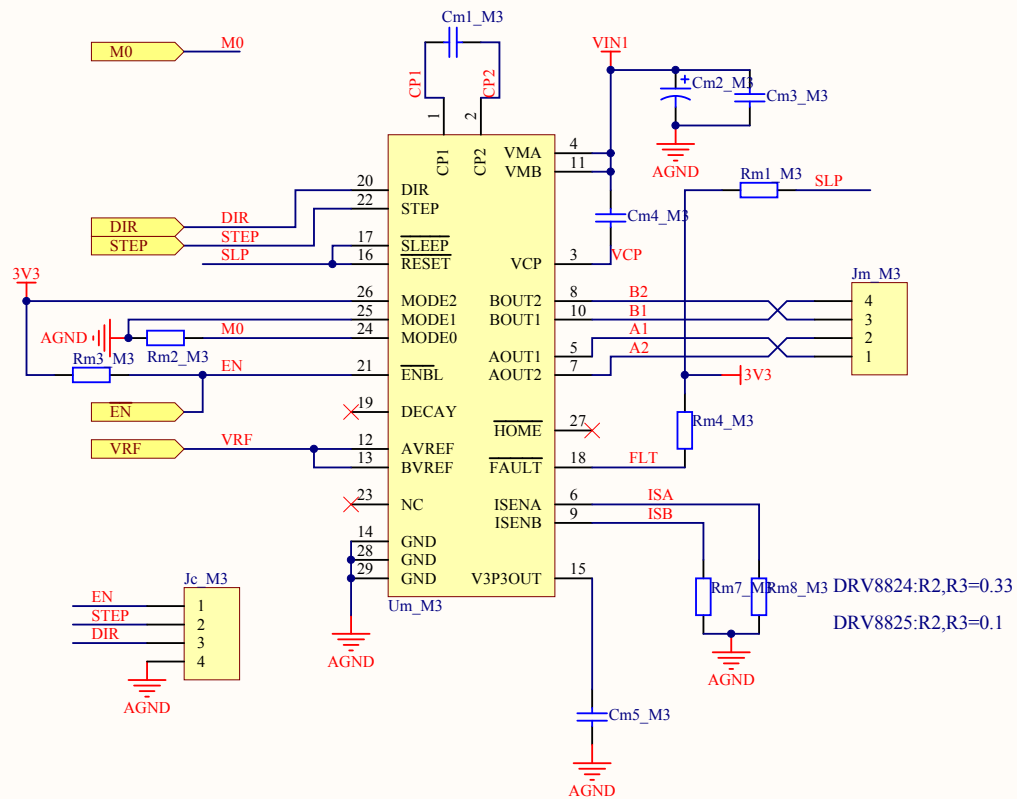
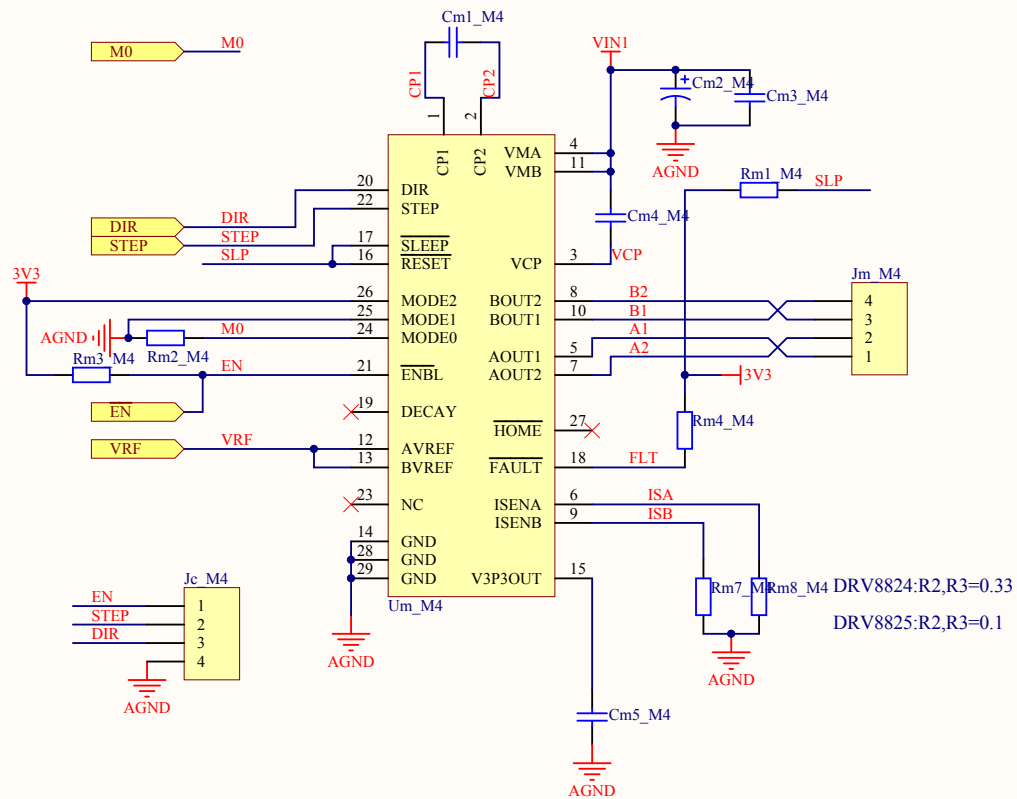


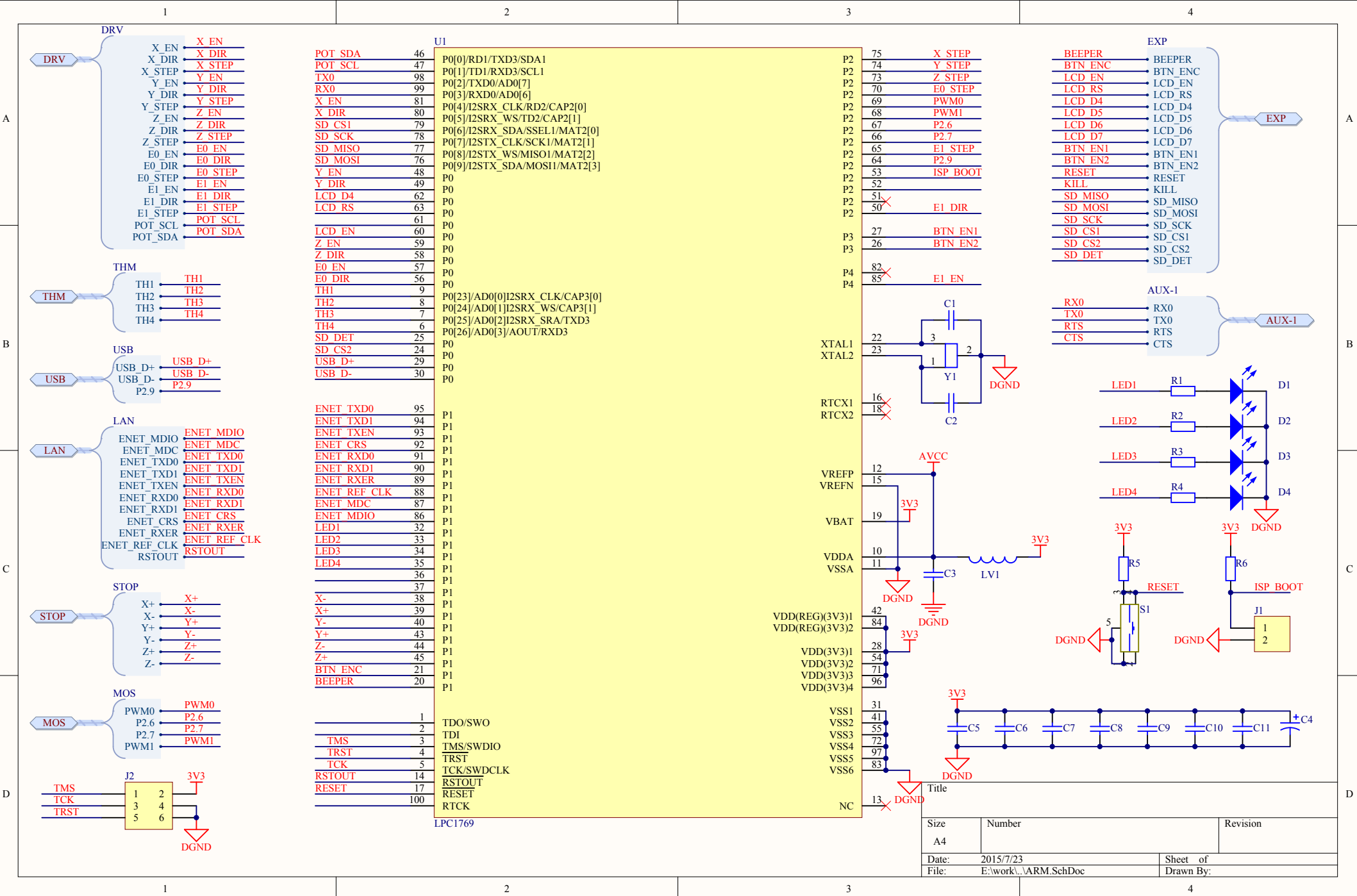
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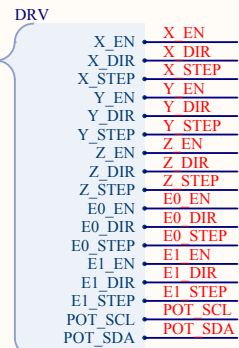
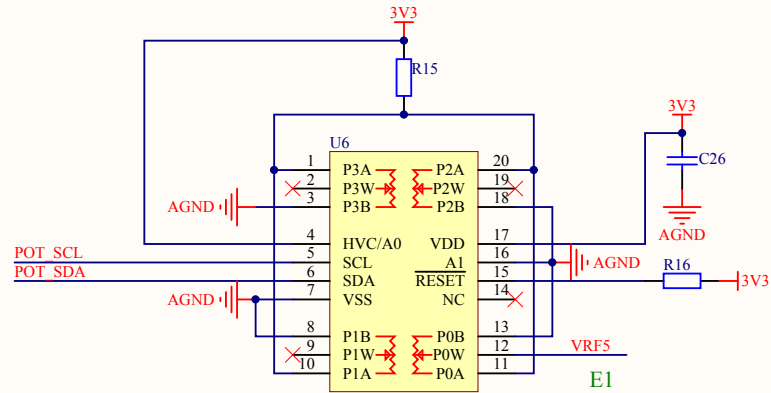
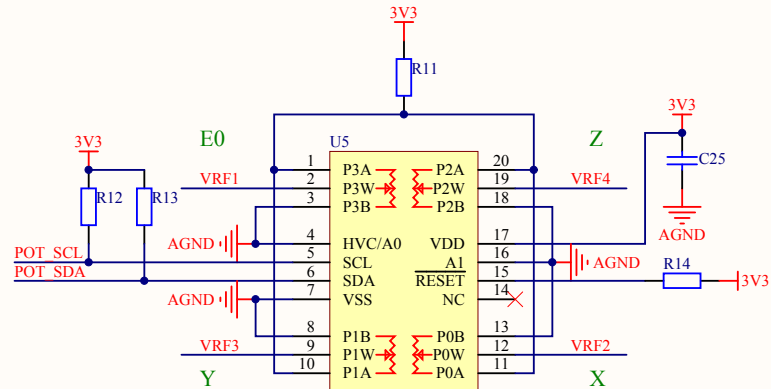
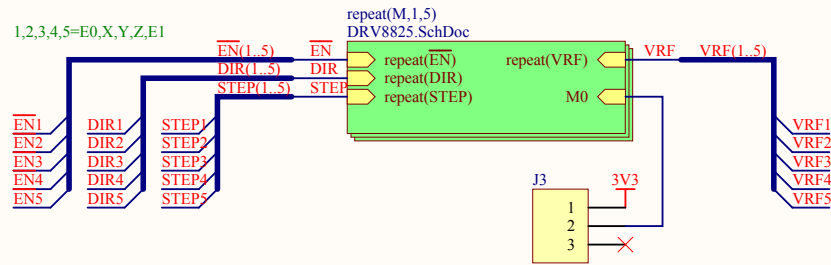
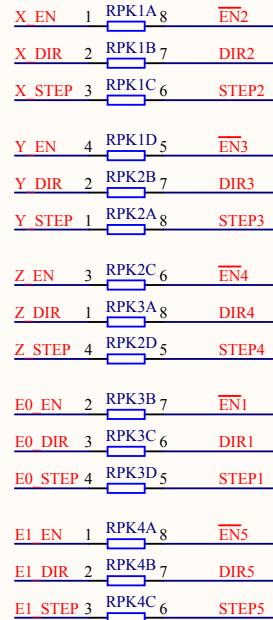


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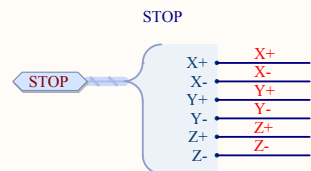
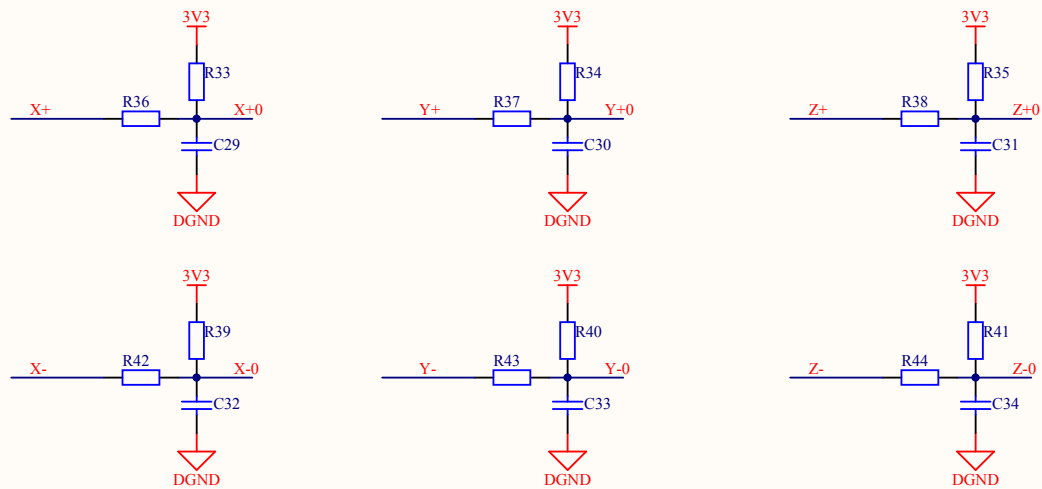
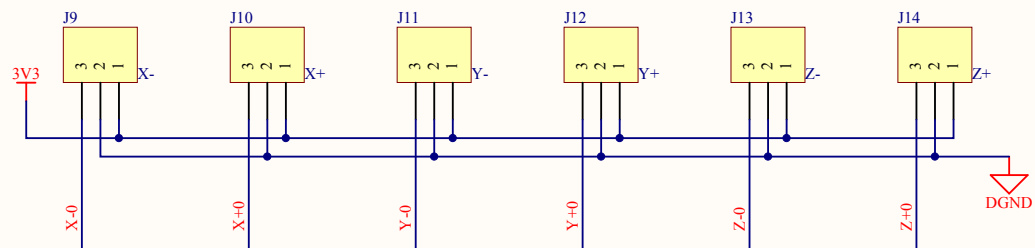


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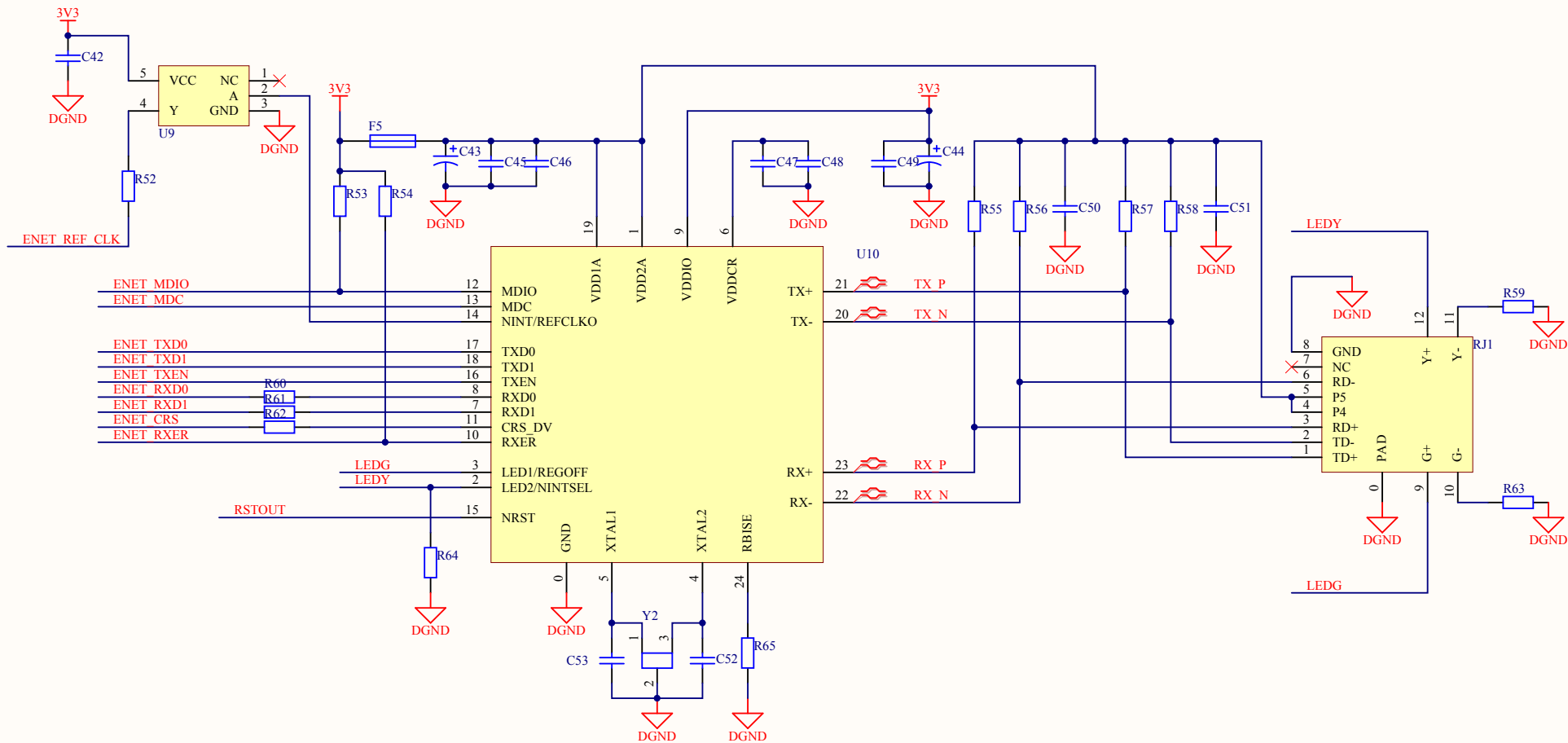




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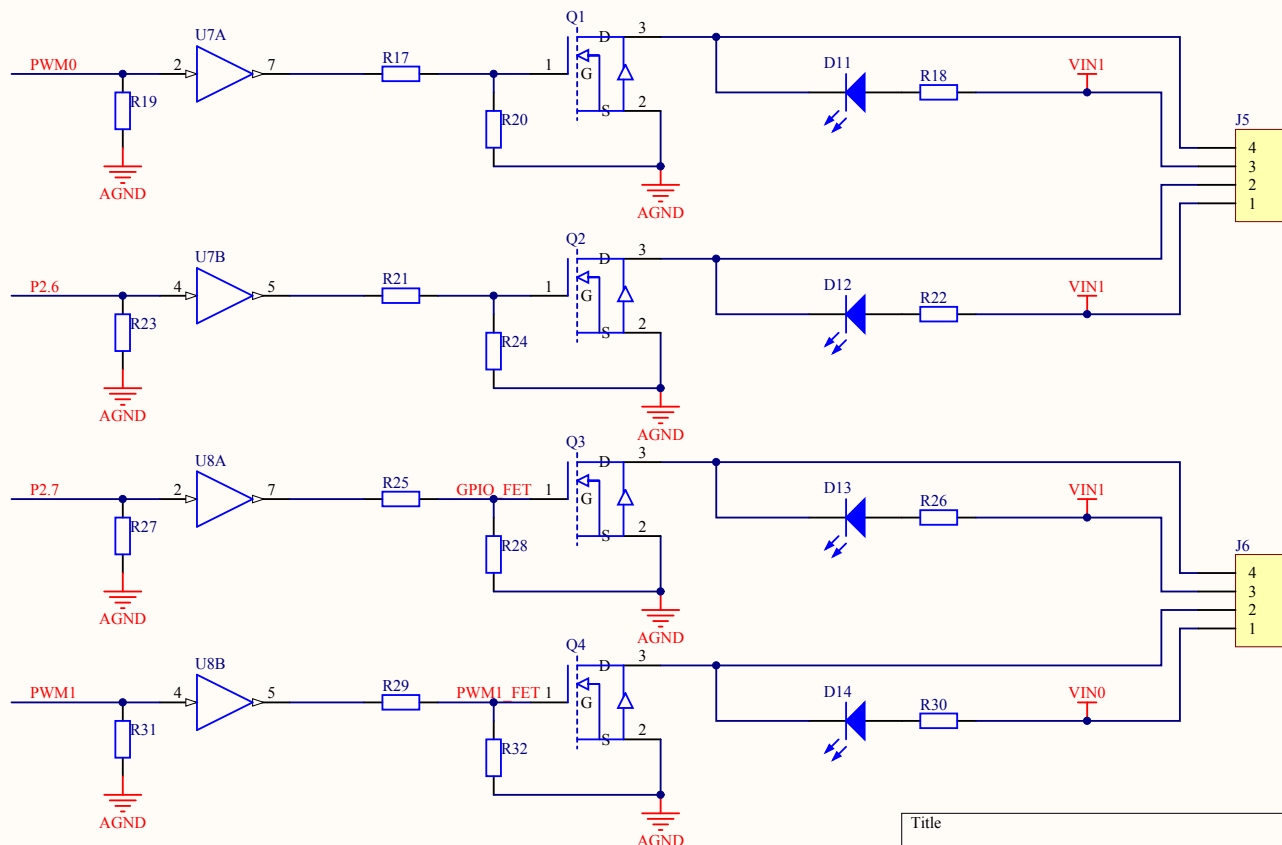
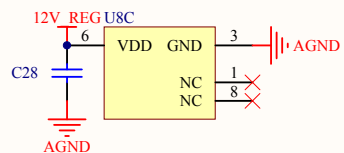
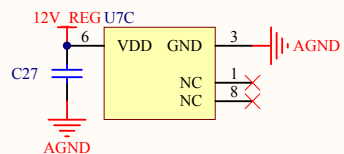
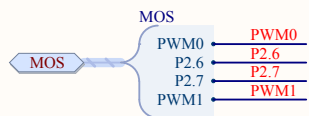


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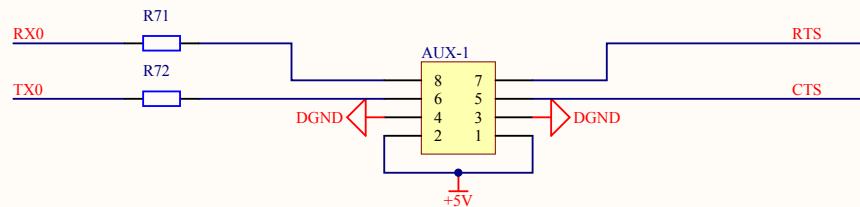
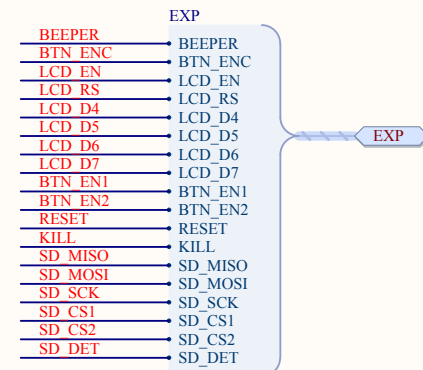
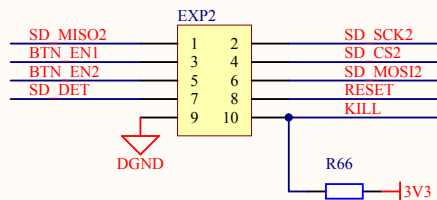
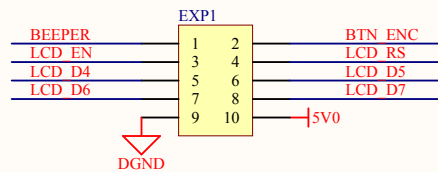


LAN	
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ENET_MDC	ENET MDC
ENET_TXD0	ENET TXD0
ENET_TXD1	ENET TXD1
ENET_TXEN	ENET TXEN
ENET_RXD0	ENET RXD0
ENET_RXD1	ENET RXD1
ENET_CRS	ENET CRS
ENET_RXER	ENET RXER
ENET_REF_CLK	ENET_REF_CLK
RSTOUT	RSTOUT

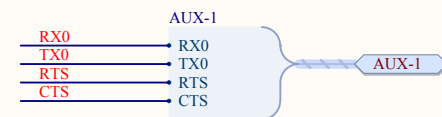
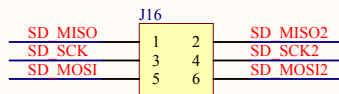
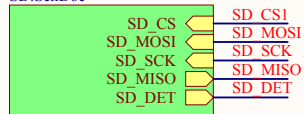
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U_SD
SD.SchDoc



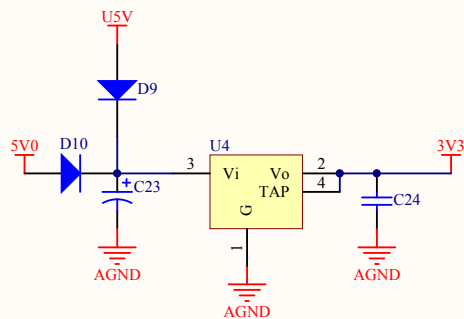
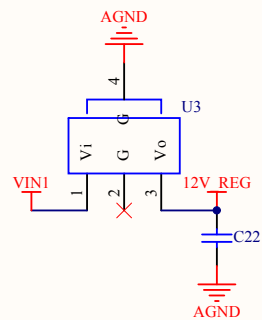
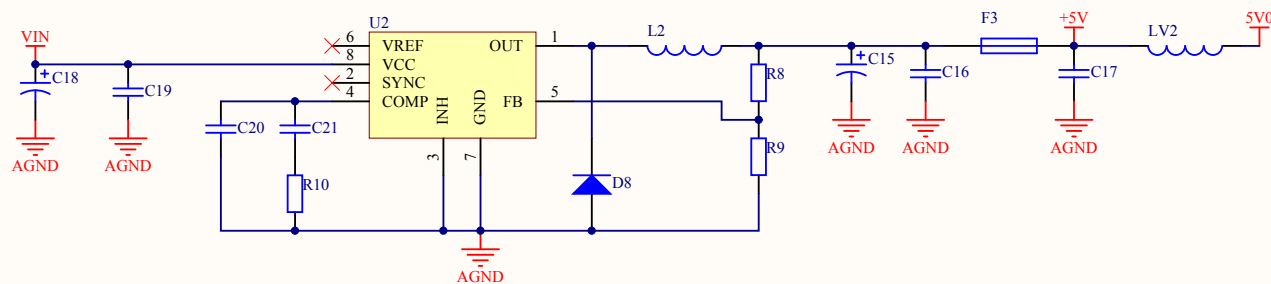
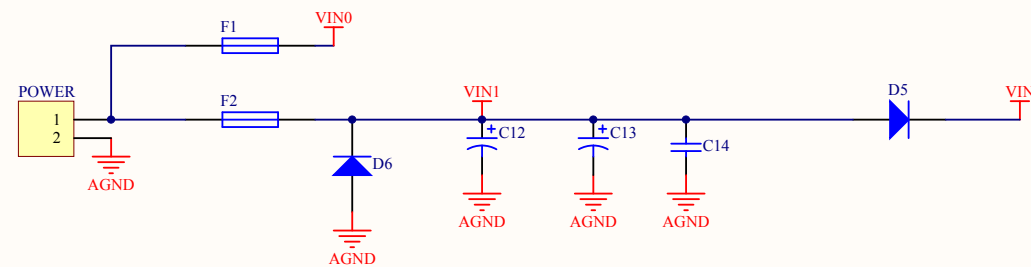
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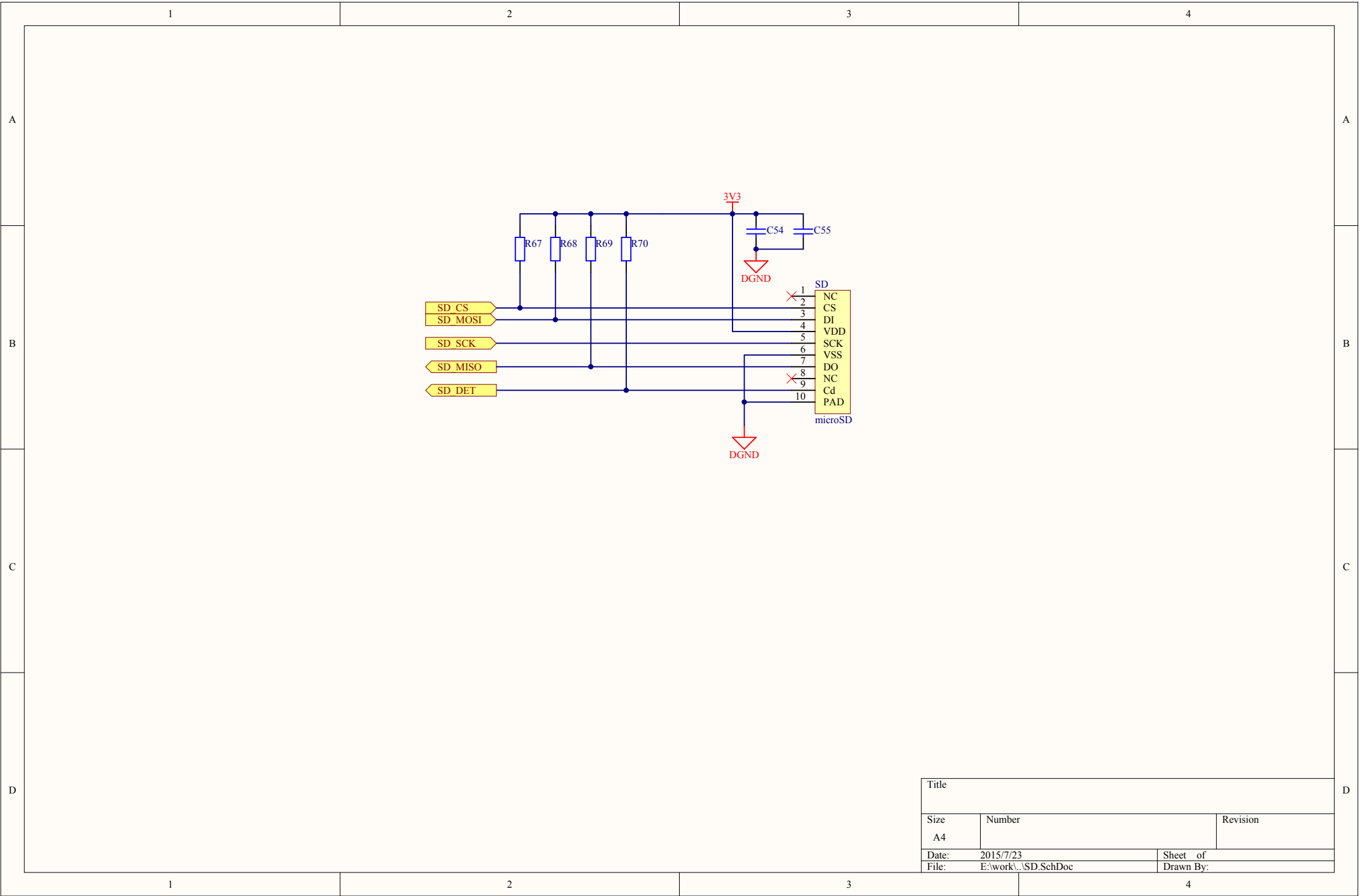
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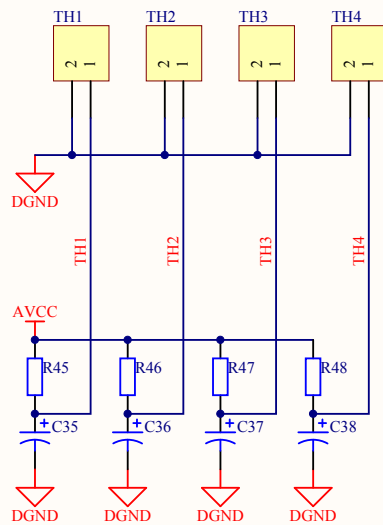
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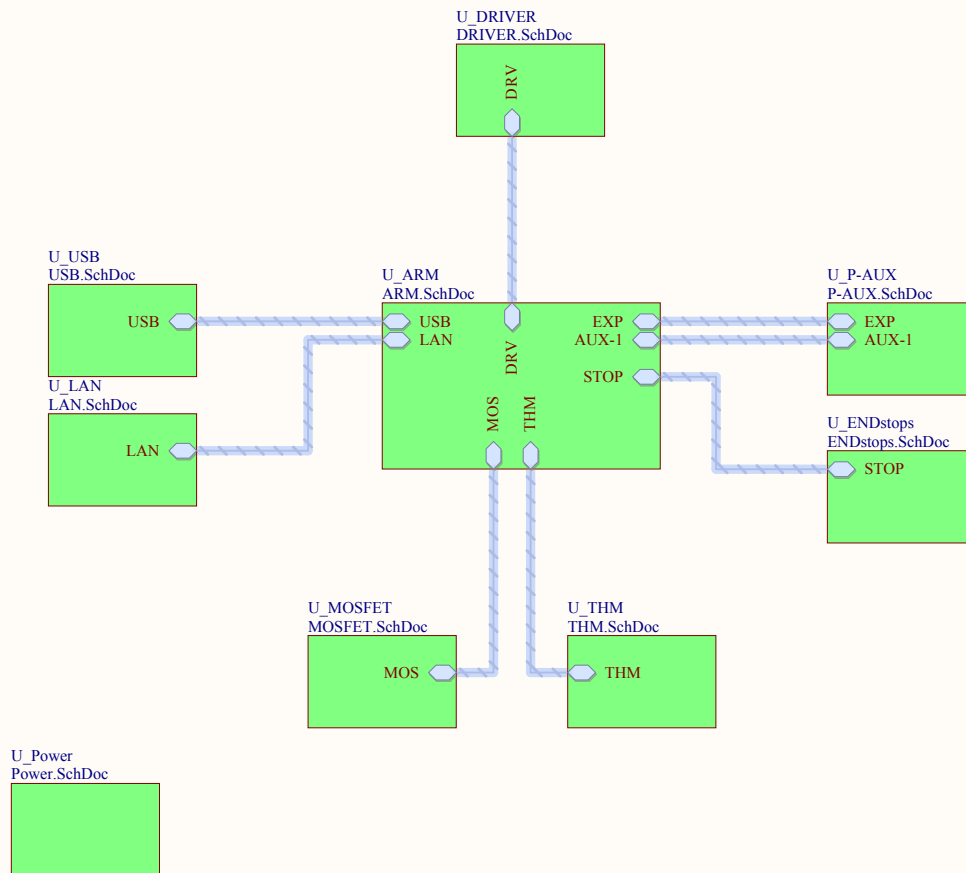
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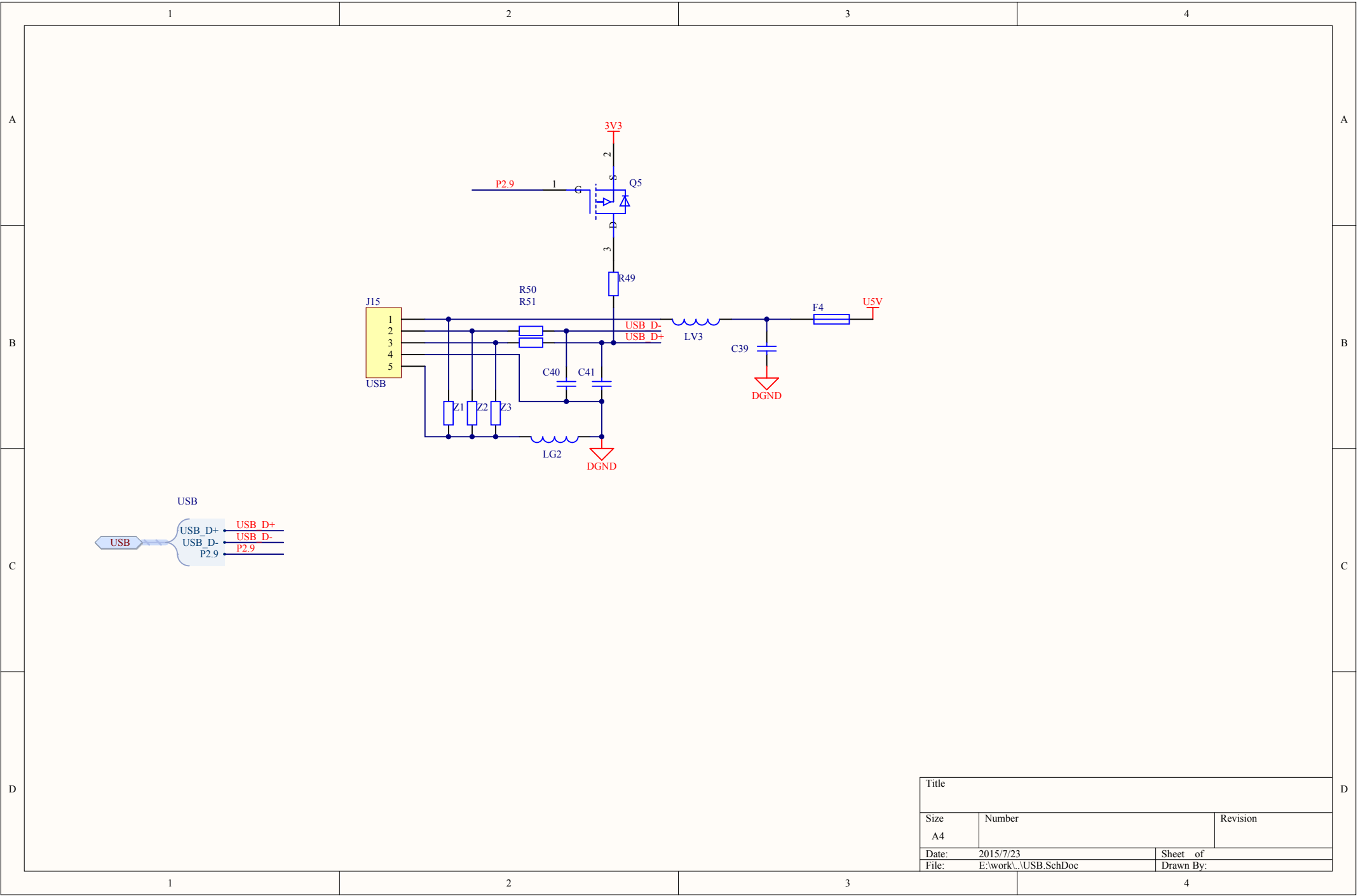


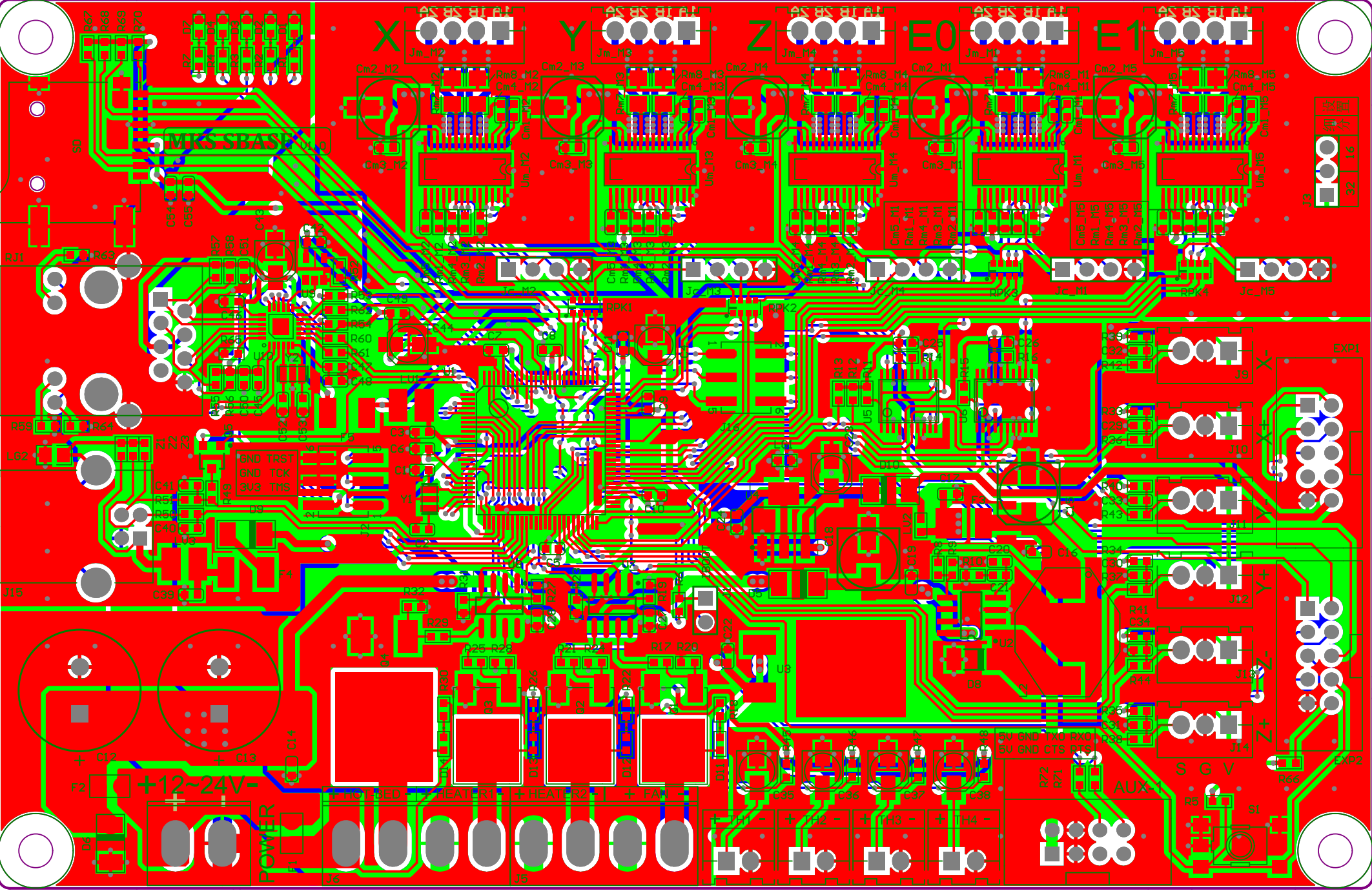


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Title		
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Date:	2015/7/23	Sheet of
File:	E:\work\TOP.SchDoc	Drawn By:





Bill of Materials

<Parameter Title not found>

Source Data From: PCB_Smooth.Py/Pcb
Project: PCB_Smooth.Py/Pcb
Variant: None

Creation Date: 2019/7/23 10:16:52
Print Date: 42208 42208.42853

Footprint	Comment	LibRef	Designator	Description	Quantity
DC2P	Header 4x2	Header 4x2	AL0A.1	Header, 4-Pin, Dual row	1
C0603	12pF	Cap	C1, C2, C32, C33	Capacitor	4
C0603	0.1uF	Cap	C3, C5, C8, C7, C8, C9, C10, C11, C14, C18, C17, C19, C22, C26, C28, C27, C29, C30, C31, C32, C33, C34, C39, C42, C45, C46, C48, C50, C51, C55, Cm3_M1, Cm3_M2, Cm3_M3, Cm3_M4, Cm3_M5, Cm4_M1, Cm4_M2, Cm4_M3, Cm4_M4, Cm4_M5	Capacitor	41
RV10AB	10uF	Cap Pot1	C4, C23, C35, C36, C37, C38, C43, C44	Polarized Capacitor (Radial)	8
CAPPR5-12.9X20	1000uF/35V	Cap Pot3	C12, C13	Polarized Capacitor (Surface Mount)	2
RV1	100uF	Cap Pot3	C16, C18, Cm2_M1, Cm2_M2, Cm2_M3, Cm2_M4, Cm2_M5	Polarized Capacitor (Surface Mount)	7
C0603	220pF	Cap	C20	Capacitor	1
C0603	22nF	Cap	C21	Capacitor	1
C0603	2.2uF	Cap	C24	Capacitor	1
C0603	18pF	Cap	C40, C41	Capacitor	2
C0603	1uF	Cap	C47, C54	Capacitor	1
C0603	470pF	Cap	C48	Capacitor	1
C0603	0.01uF	Cap	Cm1_M1, Cm1_M2, Cm1_M3, Cm1_M4, Cm1_M5	Capacitor	5
C0603	0.47uF	Cap	Cm5_M1, Cm5_M2, Cm5_M3, Cm5_M4, Cm5_M5	Capacitor	5
LED0603	LED	LED2	D1, D2, D3, D4, D7, D11, D12, D13, D14	Green LED, Typical RED, GREEN, YELLOW, AMBER GaAs LED	9
D-SMA	S1A-13-F	Diode	D5	Default Diode	1
D-SMA	S1G-13-F	Diode	D6	Default Diode	1
STPS2LA0U	STPS2LA0U	Diode	D8	Default Diode	1
D-SMA	SS12	Diode	D9, D10	Default Diode	2
DC10P	Header 5x2	Header 5x2	EXP1, EXP2	Header, 5-Pin, Dual row	2
F1206	25A	Fuse 1	F1	Fuse	1
F1206	12A	Fuse 1	F2	Fuse	1
MF-	MF-MSMF110	Fuse 1	F3	Fuse	1
MSMF050					
MF-	500mA	Fuse 1	F4	Fuse	1
MSMF050					
MF-	MF-MSMF050	Fuse 1	F5	Fuse	1
MSMF050					
HDR1X2	Header 2	Header 2	J1	Header, 2-Pin	1
HDR2X3MT	Header 3x2	Header 3x2	J2, J98	Header, 3-Pin, Dual row	2
HDR1X3	Header 3	Header 3	J3	Header, 3-Pin	1
DG301-5.0	Header 4H	Header 4H	J5, J6	Header, 4-Pin, Right Angle	2
W1-3A	X	Header 3	J9	Header, 3-Pin	1
W1-3A	Xx	Header 3	J10	Header, 3-Pin	1
W1-3A	Y	Header 3	J11	Header, 3-Pin	1
W1-3A	Y+	Header 3	J12	Header, 3-Pin	1
W1-3A	Z	Header 3	J13	Header, 3-Pin	1
W1-3A	Z+	Header 3	J14	Header, 3-Pin	1
USB8	USB	Header 5	J15	Header, 5-Pin	1
HDR1X4	Header 4	Header 4	Jc, M1, Jc, M2, Jc, M3, Jc, M4, Jc, M5	Header, 4-Pin	5
W1-4A	Header 4H	Header 4H	Jm M1, Jm M2, Jm M3, Jm M4, Jm M5	Header, 4-Pin, Right Angle	5
DO3316P	DO3316P-1S3 L	Inductor	L2	Inductor	1
L0603	FBMA-11-16000P-801A10T	Inductor	LG1, LV2	Inductor	2
R0805	BLM21	Inductor	LG2	Inductor	1
PDR-3015	PDR-3015-6R8WT	Inductor	LV1, LV3	Inductor	2
DG302-5.0	DG302-5.0	Header 2	POWER	Header, 2-Pin	1
TO-252AA	RLR7843PBF	O	Q1, Q2, Q3		3
TO-263AB	MOSFET1-26A	O	Q4		1
SOT-23	FDN340P	FDN340P	Q5		1
R0603	1K	Res2	R1, R2, R3, R4, R33, R34, R35, R39, R40, R41, R71	Resistor	11
R0603	10K	Res2	R5, R6, R19, R20, R23, R24, R27, R28, R31, R32, R54, R64, R66, R67, R68, R69, R70, Rm1_M1, Rm1_M2, Rm1_M3, Rm1_M4, Rm1_M5, Rm3_M1, Rm3_M2, Rm3_M3, Rm3_M4, Rm3_M5	Resistor	27
R0603	1.8K	Res2	R7, R18, R22, R26, R30	Resistor	5
R0603	11K	Res2	R9	Resistor	1
R0603	3.9K	Res2	R9	Resistor	1
R0603	4.7K	Res2	R10, R45, R46, R47, R48	Resistor	5
R0603	20K	Res2	R11, R15	Resistor	2
R0603	2.2K	Res2	R12, R13	Resistor	2
R0603	100K	Res2	R14, R16, Rm2_M1, Rm2_M2, Rm2_M3, Rm2_M4, Rm2_M5	Resistor	7
R0603	22	Res2	R17, R21, R25, R29, R32, R60, R61, R62	Resistor	8
R0603	5.6K	Res2	R36, R37, R38, R42, R43, R44	Resistor	6
R0603	1.5K	Res2	R46, R53, Rm4_M1, Rm4_M2, Rm4_M3, Rm4_M4, Rm4_M5	Resistor	7
R0603	33	Res2	R50, R51	Resistor	2
R0603	48.9	Res2	R55, R56, R57, R58	Resistor	4
R0603	330	Res2	R59, R63	Resistor	2
R0603	12.1K	Res2	R6F	Resistor	1
R0603	100	Res2	R72	Resistor	1
HR911105A	HR911105A	HR911105A	RJ1		1
RT206	0.1	Res2	Rm7_M1, Rm7_M2, Rm7_M3, Rm7_M4, Rm7_M5, Rm8_M1, Rm8_M2, Rm8_M3, Rm8_M4, Rm8_M5	Resistor	10
BPACK4	100	RPK	RPK1, RPK2, RPK3, RPK4		4
TS42	TS42	TS42	S1		1
microSD	microSD	microSD	SD		1
W1-2A	Header 2	Header 2	TH1, TH2, TH3, TH4	Header, 2-Pin	4
LGFP100	LPC1769	LPC1769	U1		1
SO8	L5970AD	L5970AD	U2		1
TO-263S	7812D	7812D	U3		1
SOT23-4N	LM1117-3.3V	LM1117	U4		1
TSSOP20	MCP4451T-503EST	MCP44X1	U5, U6		2
SOIC-048_N	TC427EOA	TC427EOA	U7, U8	1.5A Dual High-Speed Power MOSFET Driver, Non-Inverting, Industrial Temperature	2
SOT23-5	74LVC1G04	74LVC1G04	U9		1
CPN04_48M	LAN8720	LAN8720	U10		1
DRV8825PWP	DRV8825PWP	DRV8825PWP	Um, M1, Um, M2, Um, M3, Um, M4, Um, M5		5
P					
Y1	12MHz	YM	Y1		1
Y1	25MHz	YM	Y2		1
R0603	CG0603MLC-05E	Res2	Z1, Z2, Z3	Resistor	3

Approved	Notes