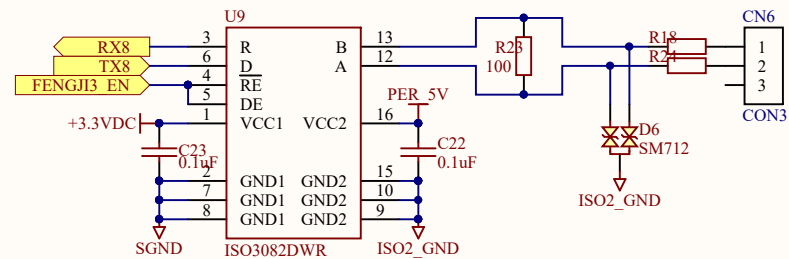
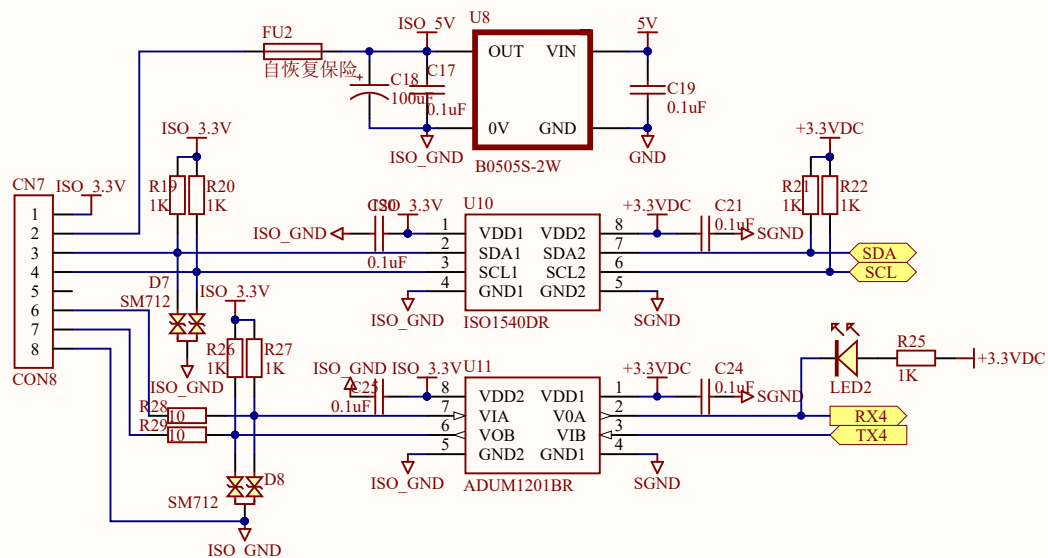
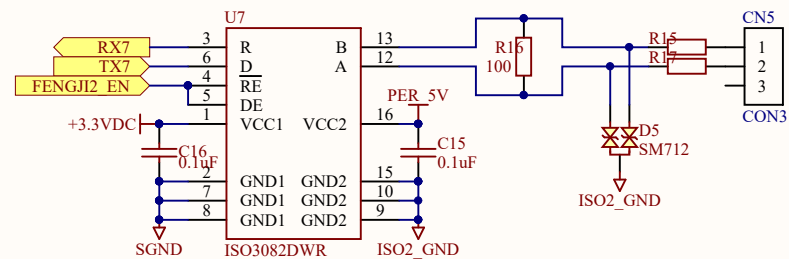
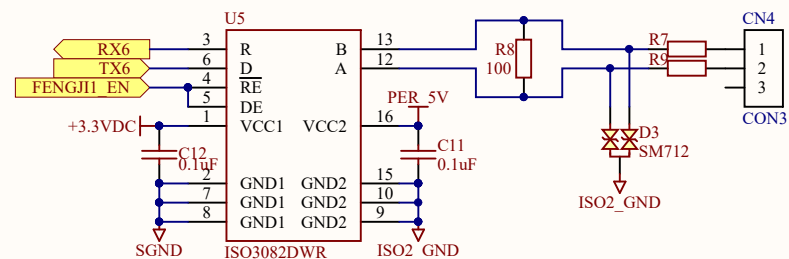
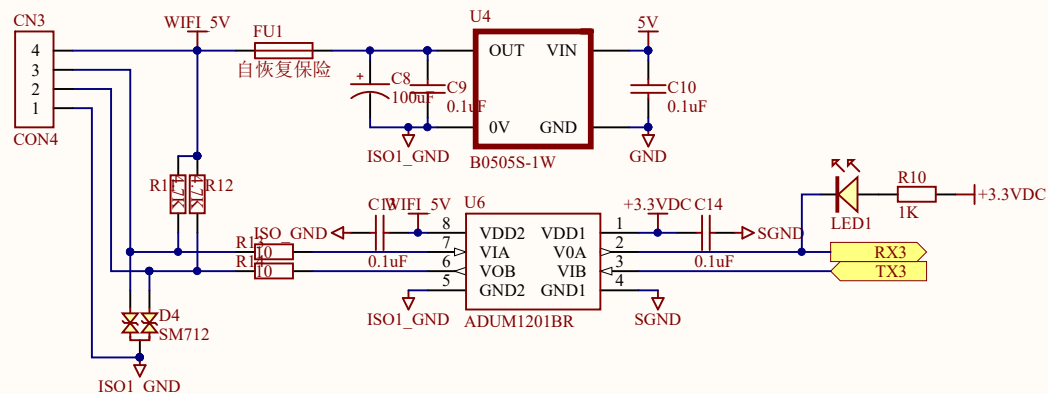
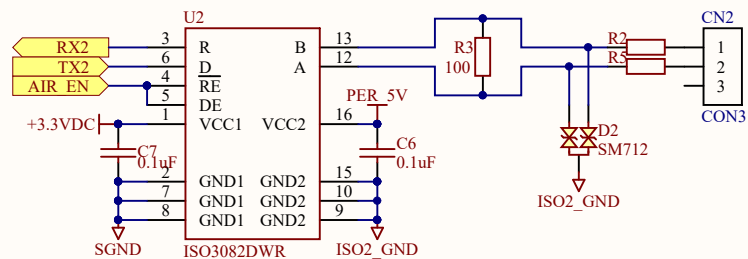
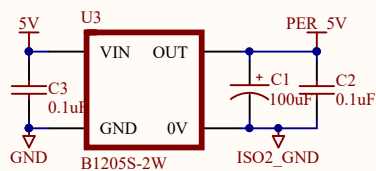
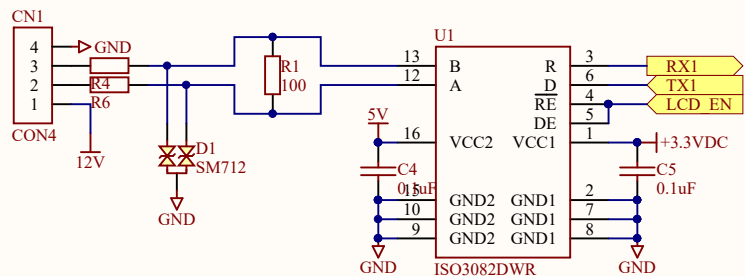


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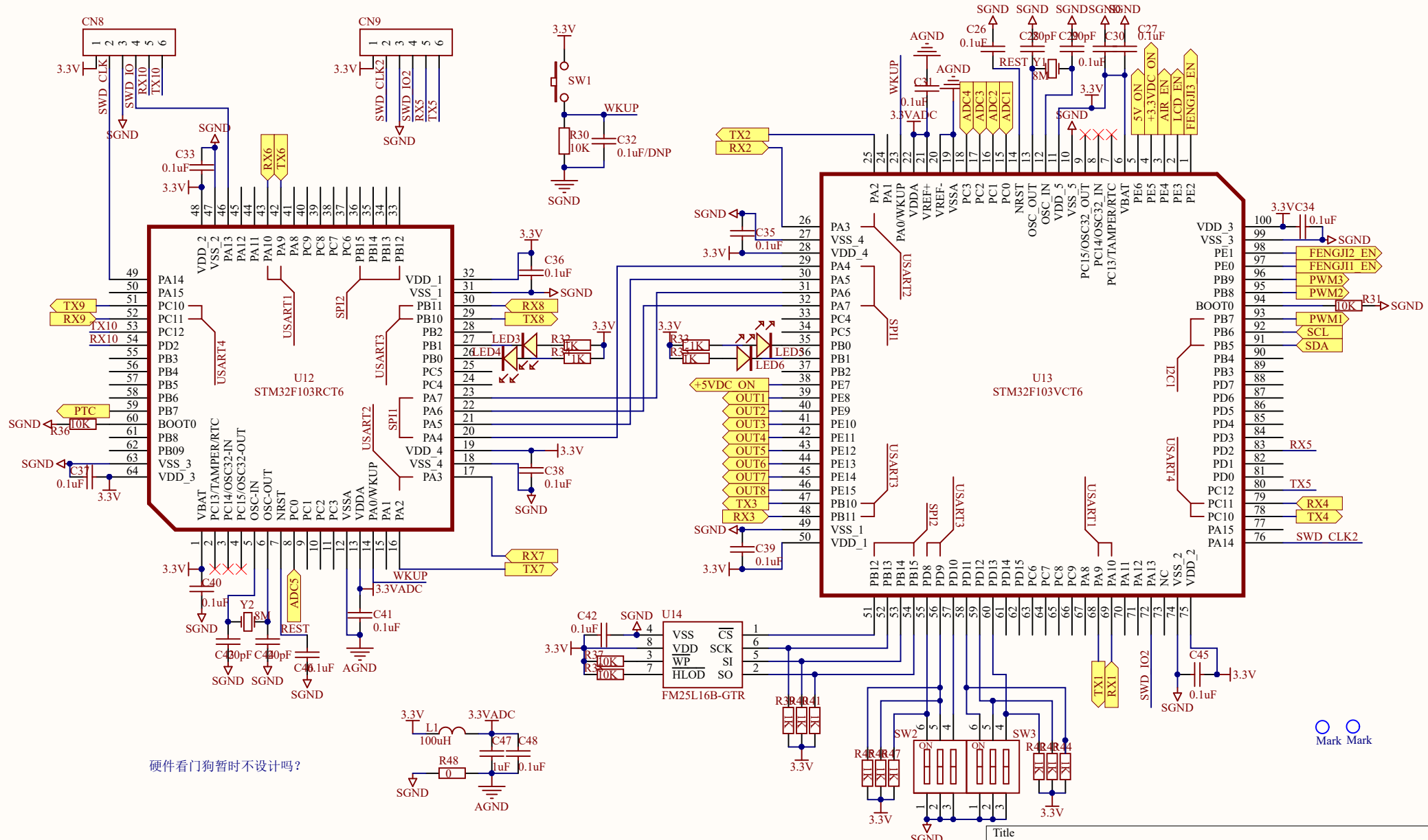
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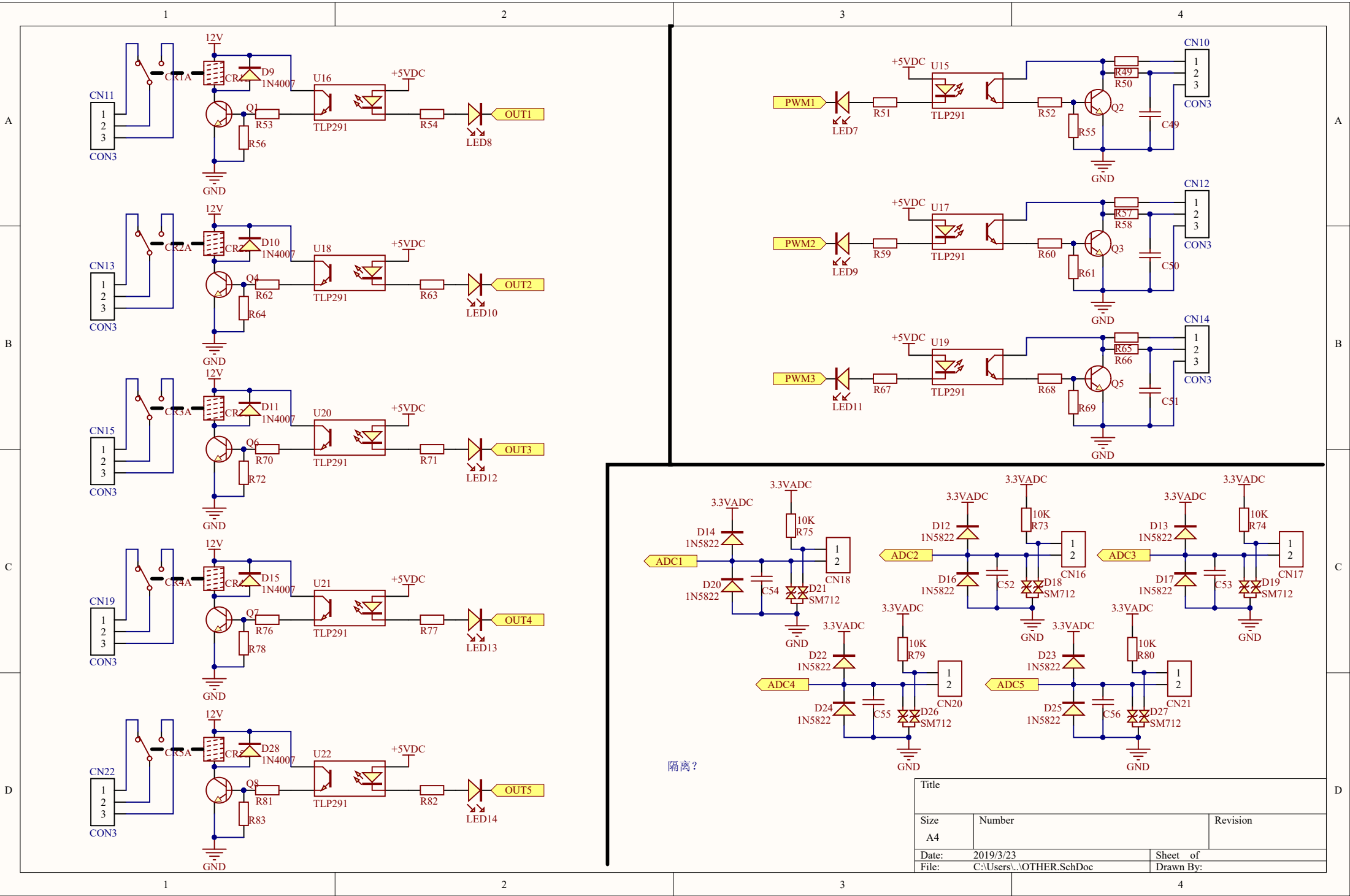
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硬件看门狗暂时不设计吗？

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隔离?

Comment	Description	Designator	Footprint	LibRef	Quantity
100uF	电解电容	C1, C8, C18, C66		CAP_POL	4
0.1uF	电容	C2, C3, C4, C5, C6, C7, C9, C10, C11, C12, C13, C14, C15, C16, C17, C19, C20, C21, C22, C23, C24, C25, C26, C27, C30, C31, C33, C34, C35, C36, C37, C38, C39, C40, C41, C42, C45, C46, C48, C58, C60, C61, C62, C64, C65, C67, C69, C71	0603_C	CAP	48
20pF	电容	C28, C29, C43, C44	0603_C	CAP	4
0.1uF/DNP	电容	C32	0603_C	CAP	1
1uF	电容	C47	0603_C	CAP	1
CAP	电容	C49, C50, C51, C52, C53, C54, C55, C56	0603_C	CAP	8
220uF	电解电容	C57, C59, C68		CAP_POL	3
470uF	电解电容	C60, C70		CAP_POL	2
0.01uF	电容	C72	0603_C	CAP	1
CON4	连接器	CN1, CN3		CON4	2
CON3	连接器	CN2, CN4, CN5, CN6, CN10, CN11, CN12, CN13, CN14, CN15, CN19, CN22, CN26	HB9500-3P	CON3	13
CON8	连接器	CN7		CON8	1
CON6	连接器	CN8, CN9	CON6	CON6	2
CON2	连接器	CN16, CN17, CN18, CN20, CN21, CN23, CN24, CN25, CN27, CN28	HB9500-2P	CON2	10
继电器	继电器	CR1, CR2, CR3, CR4, CR5, CR6, CR7, CR8	G5Q-14	继电器	8
SM712	TVS	D1, D2, D3, D4, D5, D6, D7, D8, D18, D19, D21, D25, D27	SOT-23	TVS	13
1N4007	二极管	D9, D10, D11, D15, D28, D29, D30, D31	MUR	DIODE	8
1N5822	二极管	D12, D13, D14, D16, D17, D20, D22, D23, D24, D25	MUR	DIODE	10
1N5822	二极管	D32	二极管SOD-123	DIODE	1
DIODE	二极管	D33	MUR	DIODE	1
自恢复保险	保险	FU1, FU2	BX	FUSE1	2
2A	保险	FU3, FU4, FU5, FU6	BX	FUSE1	4
10A	保险	FU7	BX	FUSE1	1
100uH	电感	L1, L3	0603_L	Inductor	2
共模电感	电感	L2	FL20-Z5-103	共模电感	1
Led	发光二极管	LED1, LED2, LED3, LED4, LED5, LED6, LED7, LED8, LED9, LED10, LED11, LED12, LED13, LED14, LED15, LED16, LED17, LED18	0603_LED	Led	18
Mark	标识点	M1, M2	Mark	Mark	2
1318	三极管	Q1, Q2, Q3, Q4, Q5, Q6, Q7, Q8, Q9, Q10, Q11, Q13, Q15, Q17	SOT-23	NPN	14
MOS_P		Q12, Q14	SOT-23	MOS_P	2
BTA20		Q16		BTAXX	1
100	电阻	R1, R3, R8, R16, R23, R2, R4, R5, R6, R7, R9, R15, R17, R18, R24, R51, R54, R59, R63, R67, R71, R77, R82, R84, R87, R90	0603_R	RES	5
RES	电阻	R10, R19, R20, R21, R22, R25, R26, R27, R93, R95, R98, R99, R100, R101, R102, R107, R109, R110	0603_R	RES	21
1K	电阻	R11, R12	1206_R	RES	18
4.7K	电阻	R13, R14, R28, R29	0603_R	RES	2
10	电阻	R30, R31, R36, R37, R38, R49, R50, R52, R53, R55, R56, R57, R58, R60, R61, R62, R64, R65, R66, R68, R69, R70, R72, R73, R74, R75, R76, R78, R80, R81, R83, R85, R86, R88, R89, R91, R92	0603_R	RES	38
1K	电阻	R32, R33, R34, R35, R39, R40, R41, R42, R43, R44, R45, R46, R47	0603_R	RES	13
0	电阻	R48	0603_R	RES	1
431K10D	压敏电阻	R94, R96, R97	RAD0.2	压敏电阻	3
10K	电阻	R103	1206_R	RES	1
220	电阻	R104	1206_R	RES	1
360	电阻	R105, R108	1206_R	RES	2
39	电阻	R106	1206_R	RES	1
470K	电阻	R111	0603_R	RES	1
Button	按键12*12*7.3	SW1	SW2, 12x12	Button	1
DSHP02TSGE		SW2, SW3	DSHP02TSGE	拨码开关	2
ISO3082DWR	485隔离芯片	U1, U2, U5, U7, U9	SOIC_16	ISO3082DWR	5
B1205S-2W	12V5V5V电源隔离模块	U3, U28		B1205S-2W	2
B0505S-1W	12V5V5V电源隔离模块	U4		B1205S-2W	1
ADUM1201BR	Quad-Channel Digital Isolators	U6, U11	SOIC127P600X175-8M	ADUM1201BR	2
B0505S-2W	12V5V5V电源隔离模块	U8		B1205S-2W	1
ISO1540DR	12C隔离芯片	U10	SO8	ISO1540DR	1
STM32F103RCT6	STM32 64Pin	U12	LQFP64		1
STM32F103VCT6	单片机	U13	LQFP100	STM32F103VXXX	1
FM2SL16B-GTR	FRAM存储器	U14	SO8	FM25	1
TLP291		U15, U16, U17, U18, U19, U20, U21, U22, U23, U24, U25, U30, U32	sop-4	TLP291	13
LM1117MPX-3.3	LM1117 3.3V固定输出	U26	SOT-223	LM1117MPX-3.3	1
LH15-20B12	220W12VAC模块	U27	LH15	LH15-10B12	1
DC-DC	降压模块3A	U29	TO-263-5L	LM2576	1
MOC3061		U31	SMT-6PIN	MOC3061	1
8M	Crystal Oscillator	Y1, Y2	SMD_5032_4p	封装晶振	2