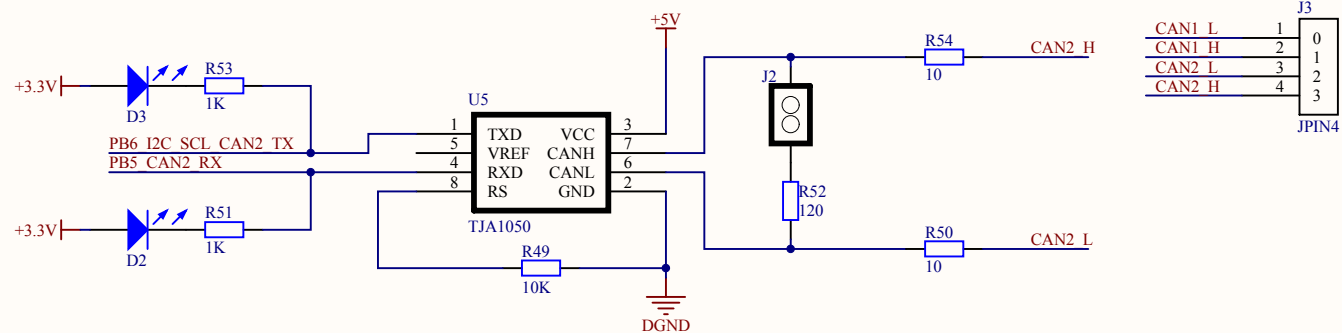
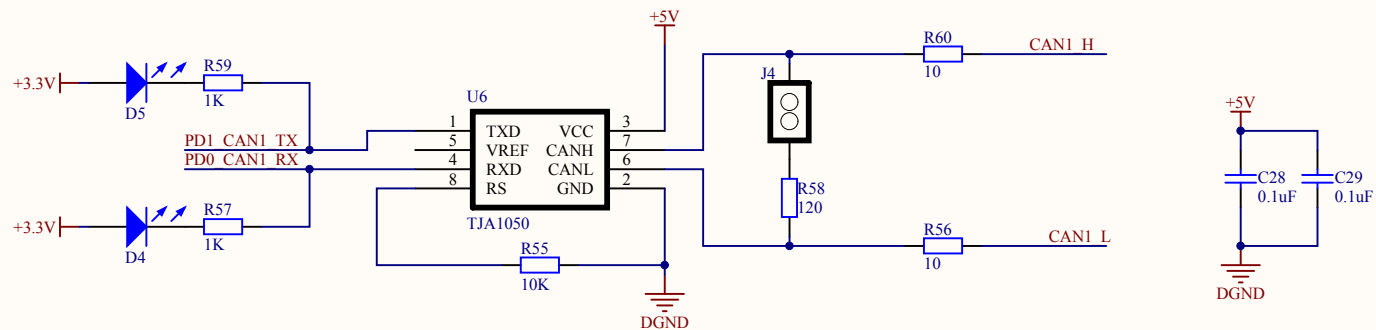


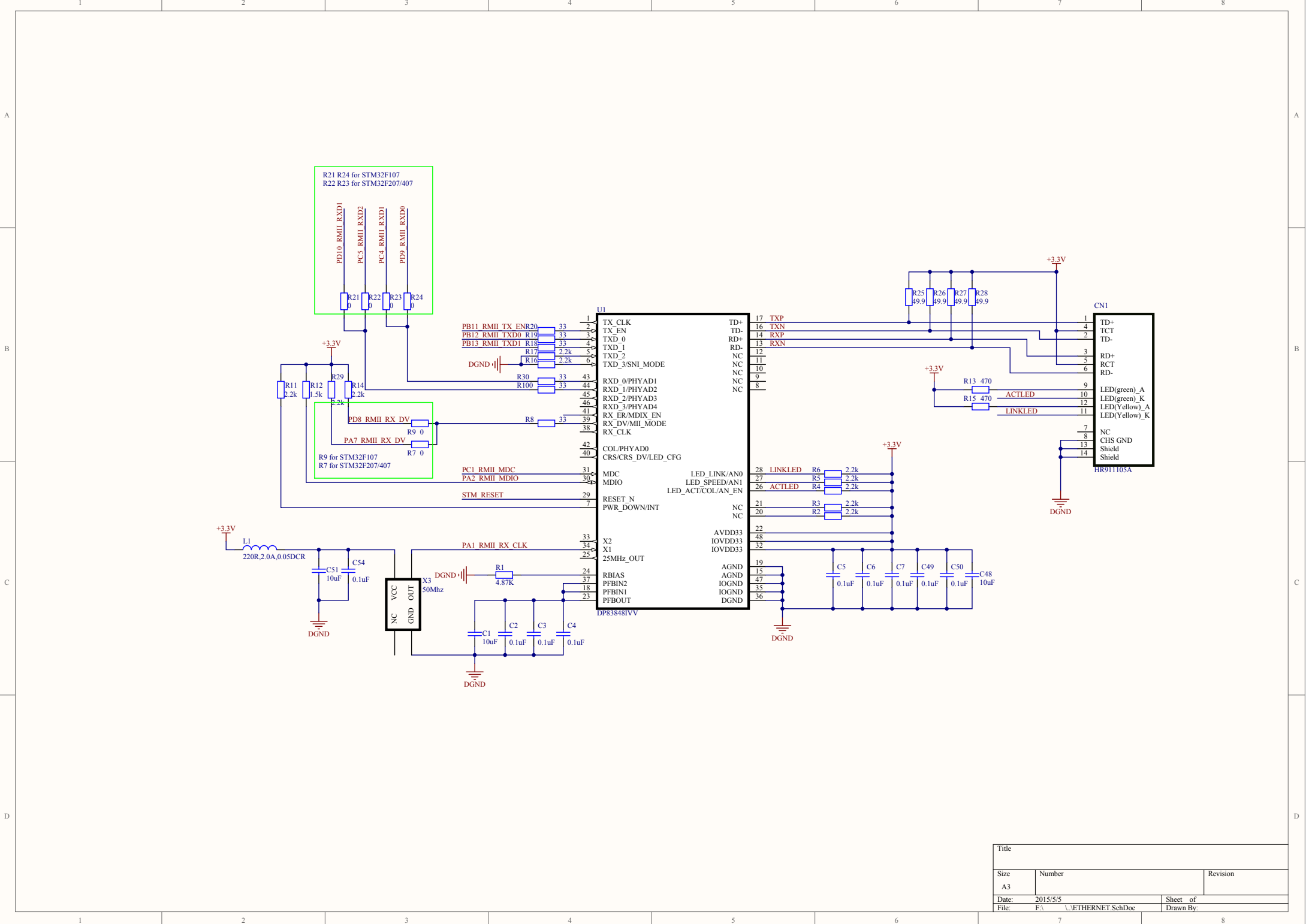
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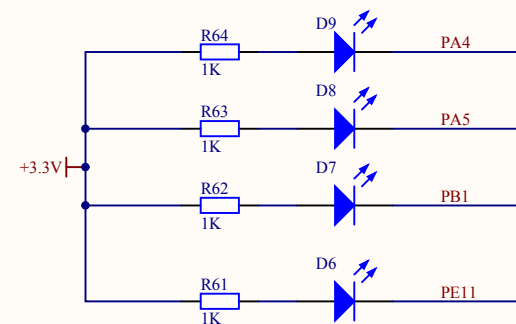
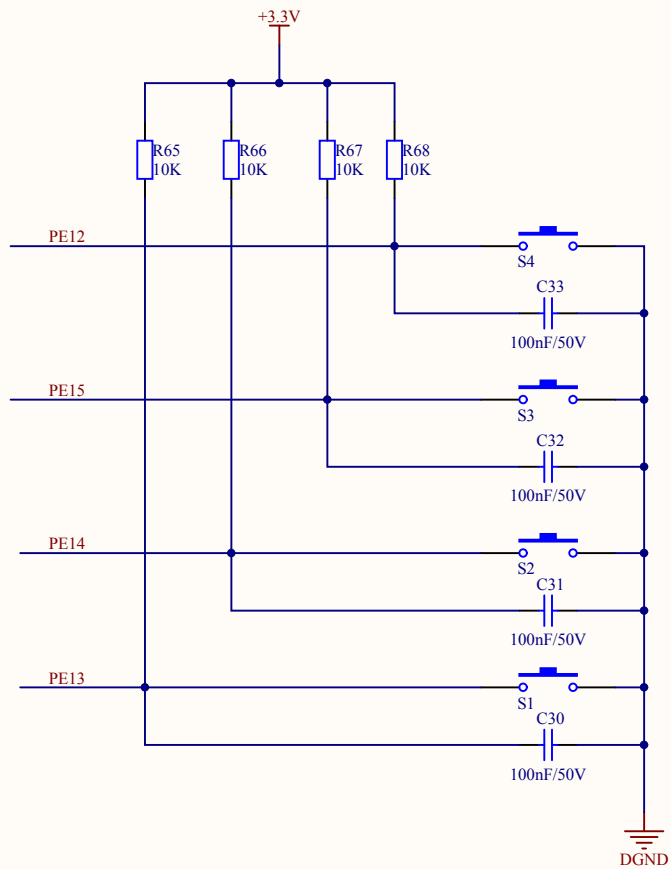
CAN1 L	1	0
CAN1 H	2	1
CAN2 L	3	2
CAN2 H	4	3

J3
JPIN4

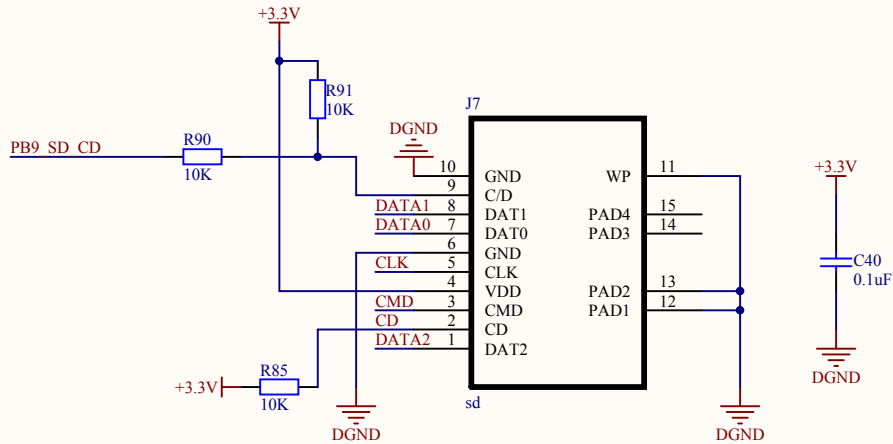
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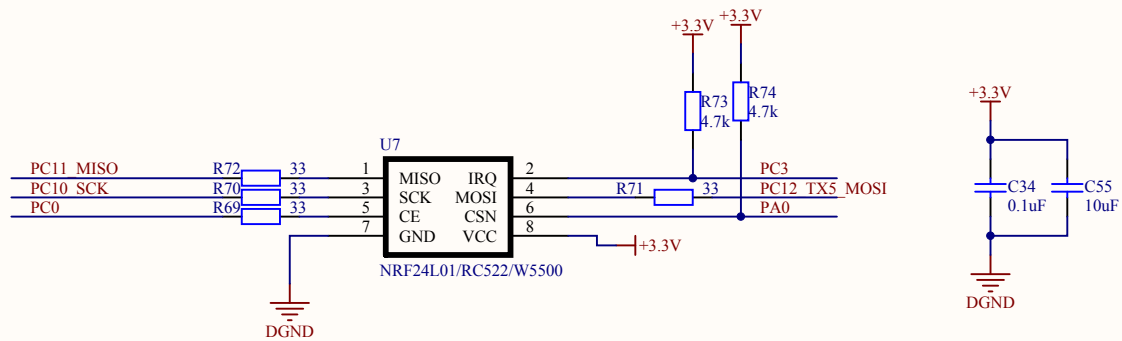
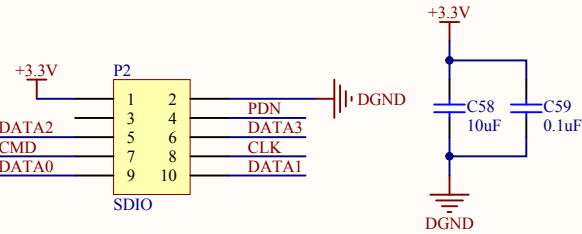
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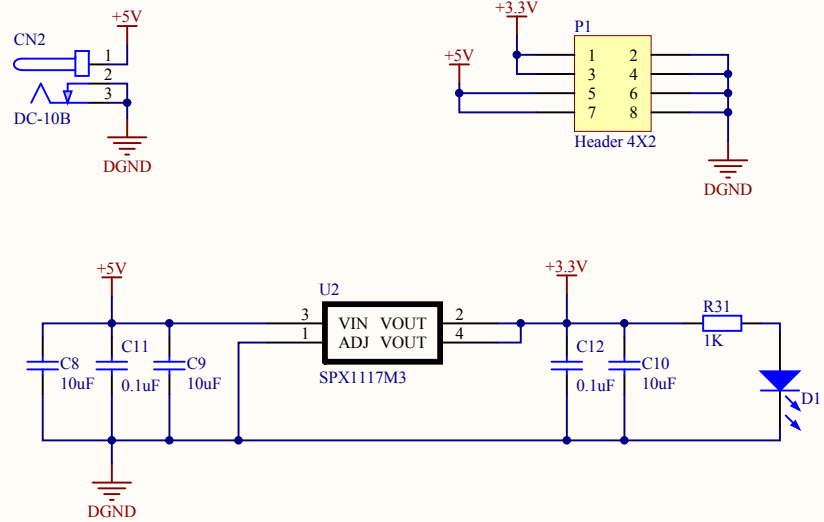
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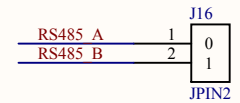
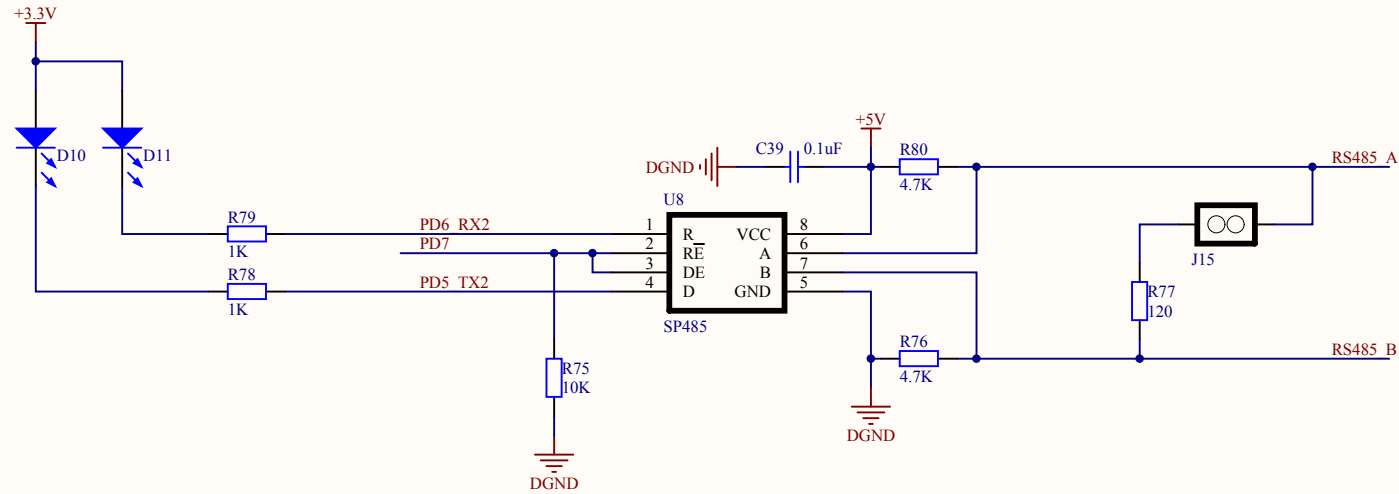
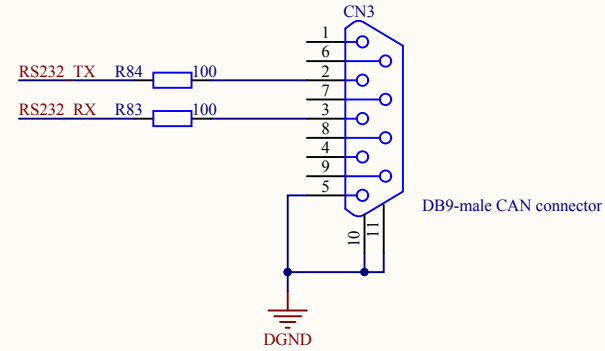
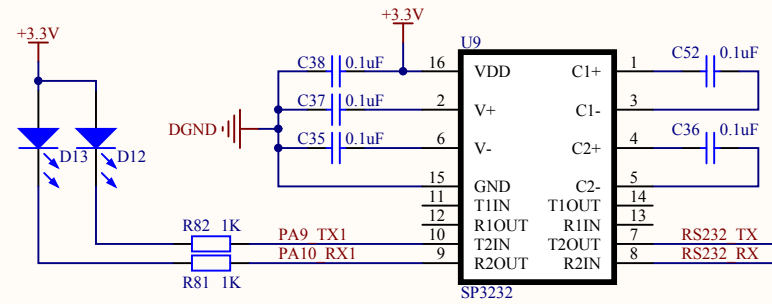
PC10 SCK	DATA2
PC11 MISO	DATA3
PD2	CMD
PC12 TX5 MOSI	CLK
PC8	DATA0
PC9	DATA1



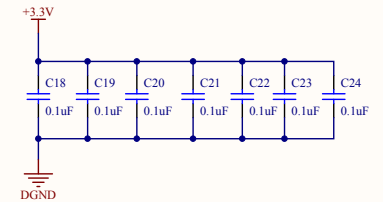
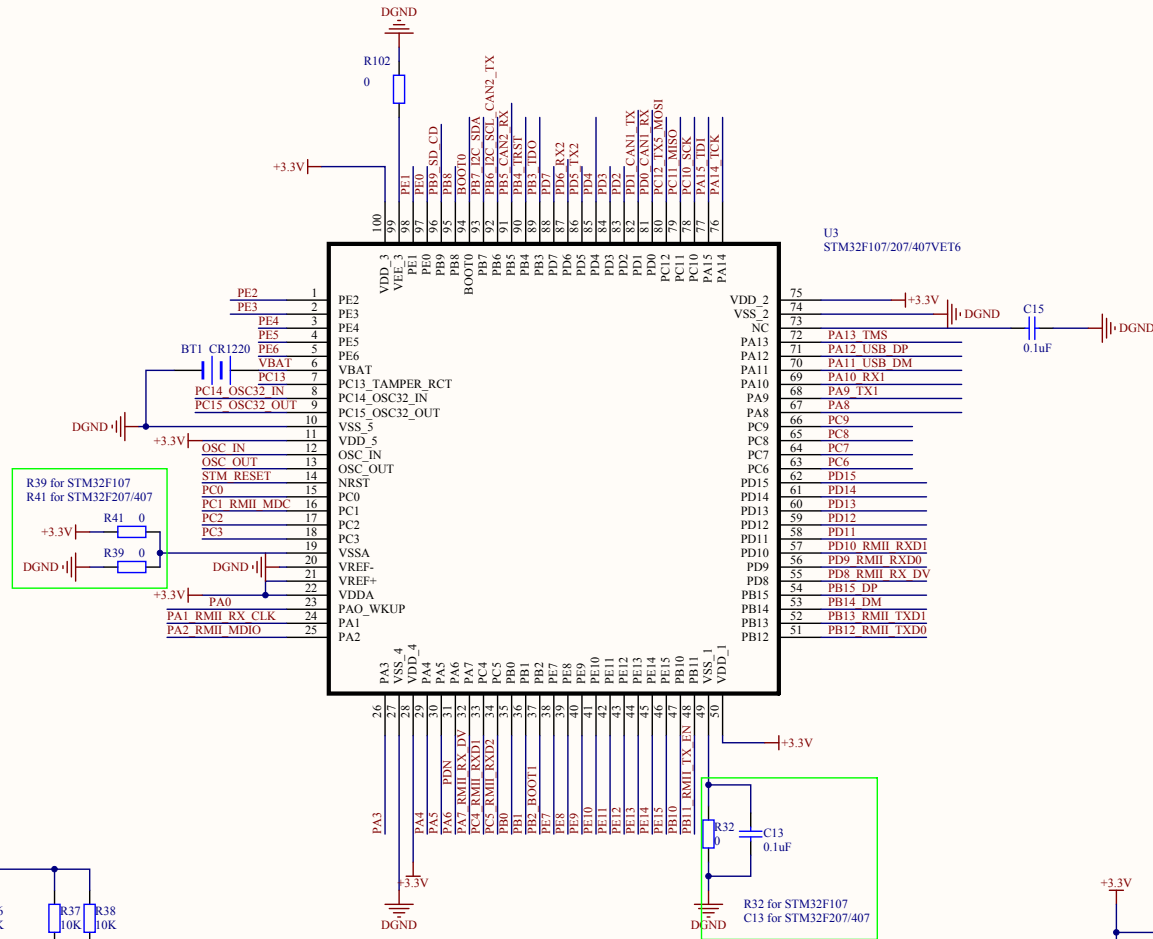
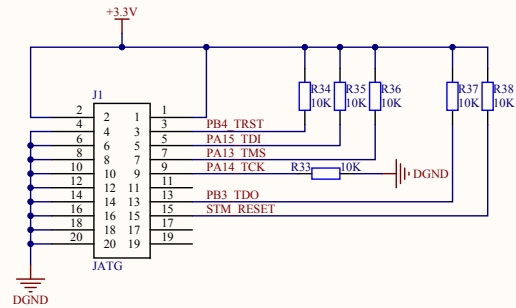
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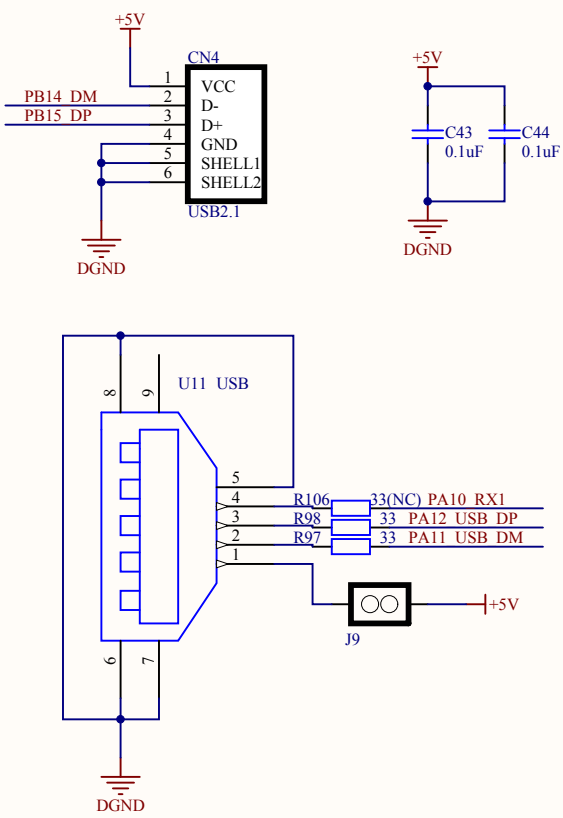
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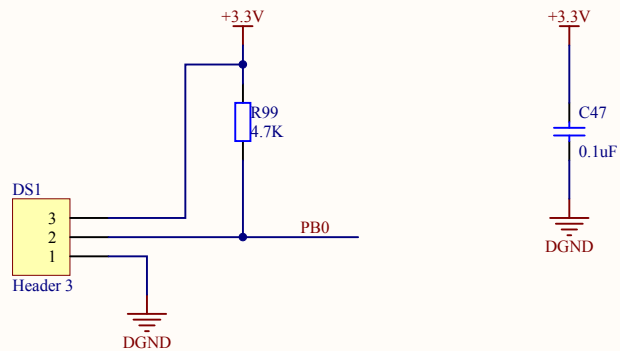
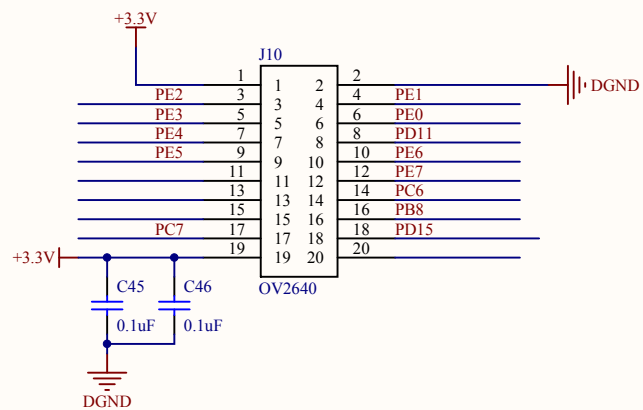
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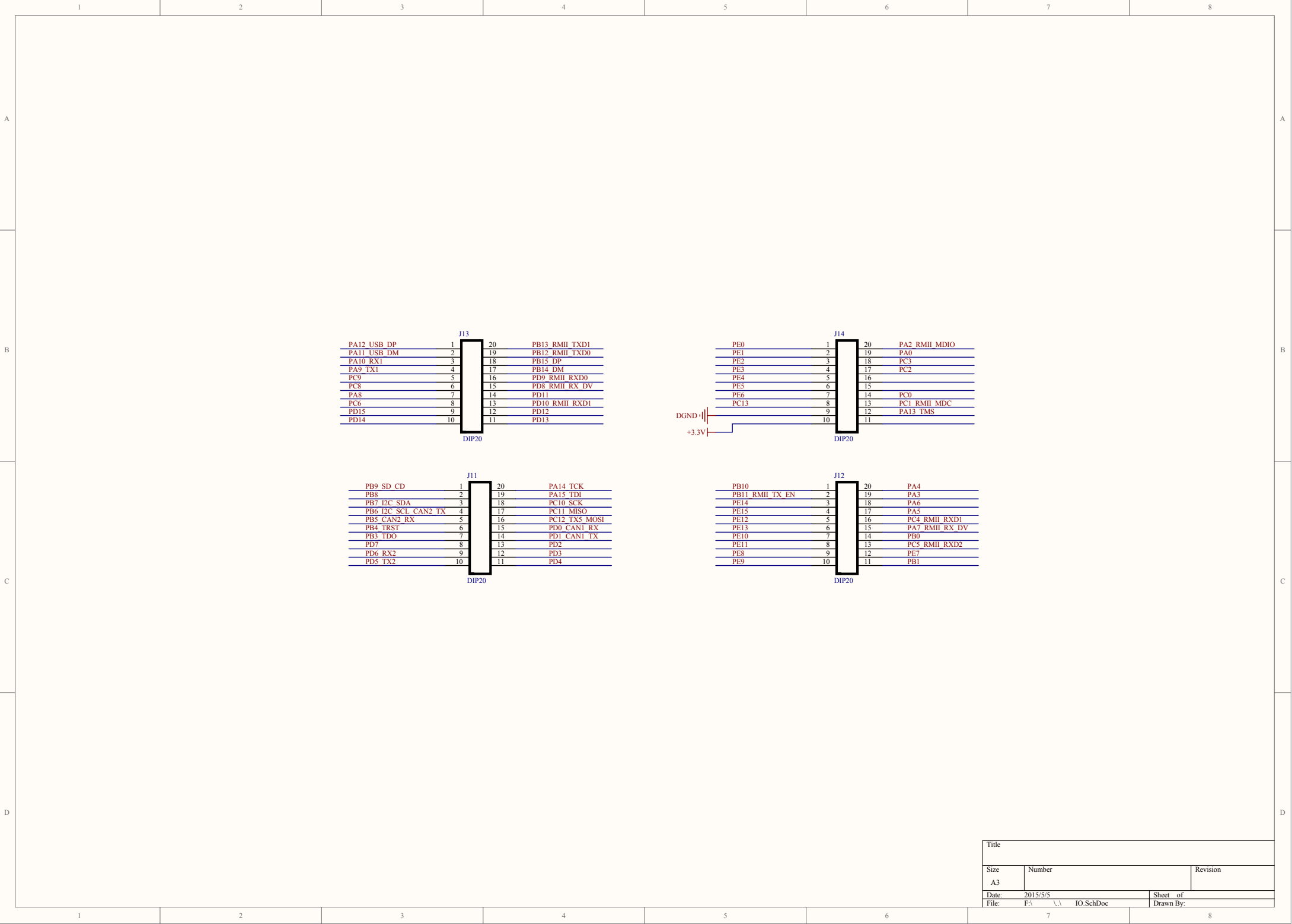
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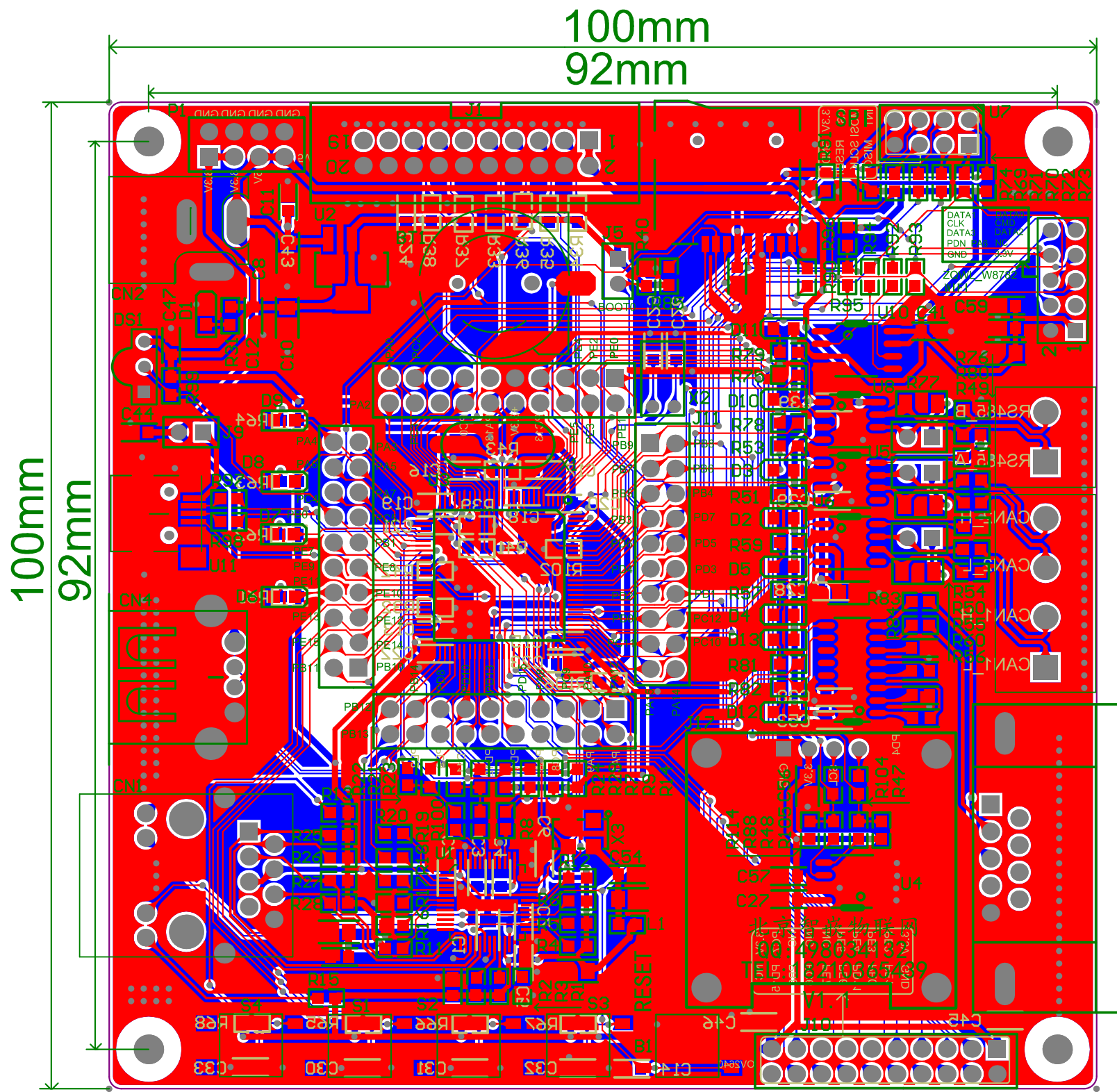


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Title			
Size	Number		Revision
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Date:	2015/5/5		Sheet of
File:	F:\ \.SchDoc		Drawn By:





Comment	Description	Designator	Footprint	LibRef	Quantity
USER	SE PUSHBUTTON	B1	BUTTON	SW PUSHBUTTON	1
CR1220	Battery	BT1	LI1220	BATTERY	1
10uF	C0603	C1, C8, C9, C10, C48, C51, C55, C56, C58	C0805	10uF	9
0.1uF	C0603, Capacitor	C2, C3, C4, C6, C6, C7, C11, C12, C13, C14, C15, C18, C19, C20, C21, C22, C23, C24, C27, C28, C29, C34, C35, C36, C37, C38, C39, C40, C41, C42, C43, C44, C45, C46, C47, C49, C50, C52, C53, C54, C57,	C0603	0.1uF, Cap	42
18pF	C0603	C16, C17, C25,	C0603	0.1uF	4
100nF/50V	Capacitor	C30, C31, C32,	C0603	Cap	4
HR911105A		CN1	HR911105A	HR911105A	1
DC-10B		CN2	DC10B	PJ202A	1
DB9-male CAN connector		CN3	DB9/FM	DB9	1
USB2.1	Connector	CN4	USB-B2	USB2.1	1
LED	Typical RED GaAs LED	D1, D2, D3, D4, D5, D10, D11, D12, D13	LED-0805	LED	9
LED0	Typical INFRARED GaAs	D6, D7, D8, D9	LED-0805	LED0	4
Header 3	Header, 3-Pin	DS1	DS18B20	Header 3	1
JATG		J1	HDR2X10	JATG	1
2PIN		J2, J4, J5, J9, J15	2PIN	2PIN	5
JPIN4		J3	JIEKE2EDG5.08 PIN4	JPIN4	1
sd卡		J7	SD	sd卡	1
OY2640		J10	HDR2X10-2.54	JATG	1
DIP20		J11, J12, J13, J14	HDR2X10-2.54	DIP20	4
JPIN2		J16	JIEKE2EDG5.08 PIN2	JPIN2	1
OLED		J17	OLED	OLED	1
220R,2.0A,0.05D CR	Inductor	L1	R0603	47uH	1
Header 4X2	Header, 4-Pin, Dual row	P1	HDR2X4-2.54	Header 4X2	1
SDIO	Header, 5-Pin, Dual row	P2	HDR2X5	Header 5X2	1
4.87K	Resistor	R1	R0603	R0603	1
2.2k	Resistor	R2, R3, R4, R5, R6, R11, R14, R16, R17, R29	R0603	R0603	10
0Ω	Resistor	R7, R9, R21, R22, R23, R24, R32, R39, R41, R102	R0603	R0603	10
33	Resistor	R8, R18, R19, R20, R30, R69, R70, R71, R72, R92, R93, R94, R95, R97, R98,	R0603	R0603	16
1.5k	Resistor	R12	R0603	R0603	1
470	Resistor	R13, R15	R0603	R0603	2
49.9	Resistor	R25, R26, R27, R28	R0603	R0603	4
1K	Resistor	R31, R51, R53, R57, R59, R61, R62, R63, R64, R78, R79, R81, R82	R0603	R0603, Res2	13
10K	Resistor	R33, R34, R35, R36, R37, R38, R40, R42, R49, R55, R65, R66, R67, R68, R75, R85, R90, R91	R0603	R0603, Res2	18
1M	Resistor	R43	R0603	R0603	1
100	Resistor	R47, R48, R83, R94, R88, R104	R0603	R0603	6
10	Resistor	R50, R54, R56, R60	R0603	R0603	4
120	Resistor	R52, R58, R77	R1206	R0603, R1206	3
4.7k	Resistor	R73, R74, R76, R80, R96, R105, R114	R0603	R0603	7
5.1K	Resistor	R99	R0603	Res2	1
33(NC)	Resistor	R106	R0603	R0603	1
SW-PB	Switch	S1, S2, S3, S4	BUTTON	SW-PB	4
DP83848IVV		U1	LQFP48	DP83848IVV	1
SPX1117M3		U2	SOT223	SPX1117M3	1
STM32F107/207/ 407VET6		U3	TQ100_TOOL	STM32F107VCT6	1
AT24C02BN-SH-		U4	SO8	AT24C02BN-SH-	1
TJA1050		U5, U6	SO8	PCA82C251T	2
NRF24L01/RC522 /W5500		U7	NRF24L01	NRF24L01	1
SP485		U8	SO8	MAX485	1
SP3232		U9	SO16	max232	1
SST25VF016B		U10	SST25VF040B	SST25VF080B	1
USB		U11	USB'S	USB0	1
25.0MHZ	Crystal	X1	OSC2PR_SMD	CRYSTAL	1
32.768Khz	Crystal	X2	32.768 -MINI	CRYSTAL	1
50Mhz		X3	OSC5032	有源晶振	1