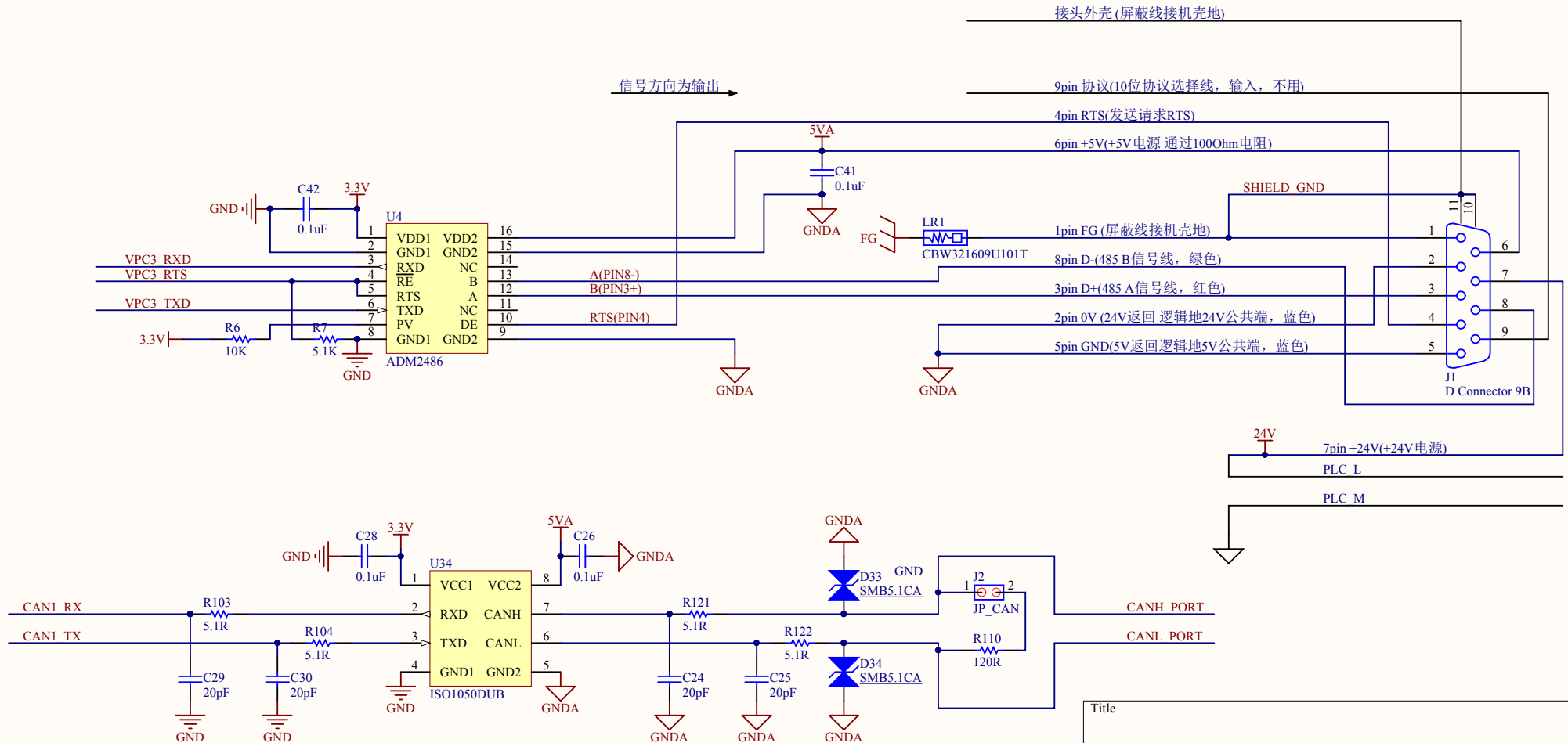
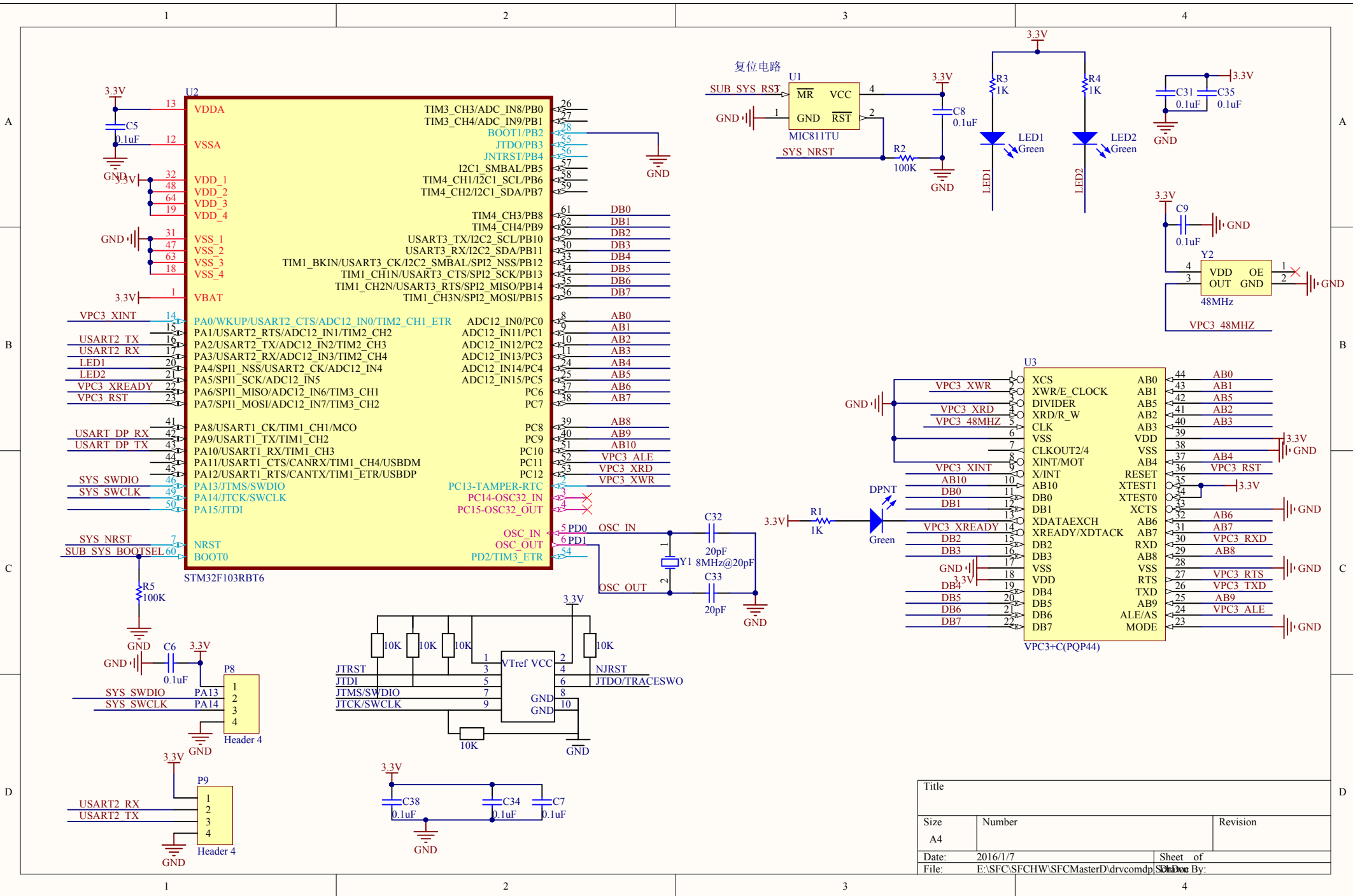


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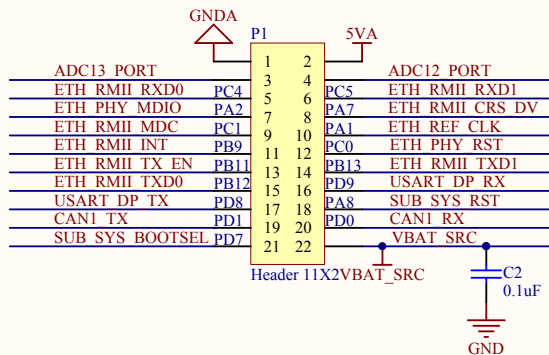
3和8为RS485的信号线，A为红色，B为绿色，和Profibus网络插头颜色标记一致，端口的2和7脚可以向外部可以24V电源。



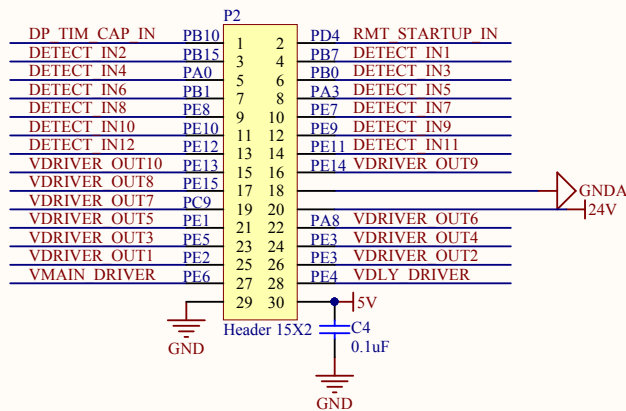
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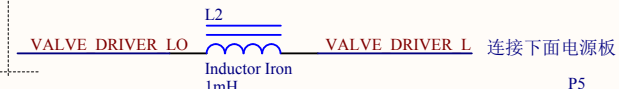
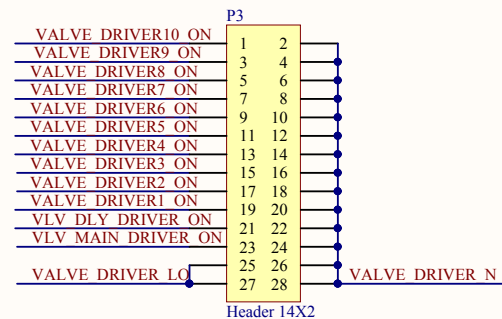
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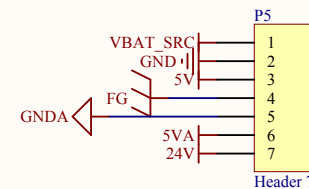
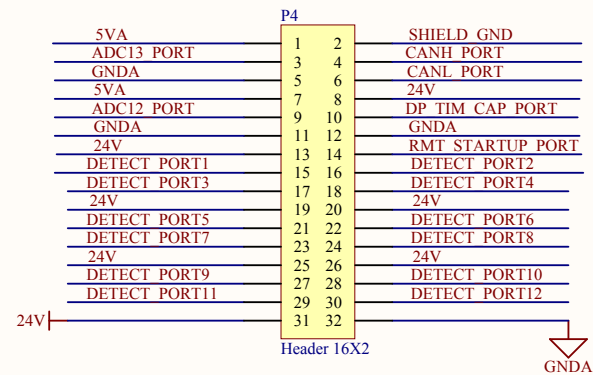
来自CPU核心板接口



驱动输出接口



信号检测接口



JTAG10(左)pin到20pin(右)转接:

电源、地、复位端:

1,2VCC (左) - 1VTrst(右)

8,10 -GND

3 nTRST(左) - 3 nTRST(右)

4 nSRST(左) - 15 nSRST(右)

加 4根关键信号:

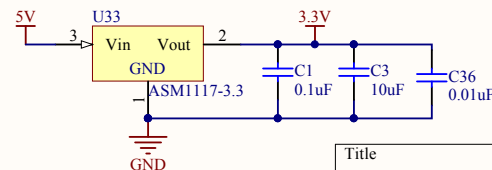
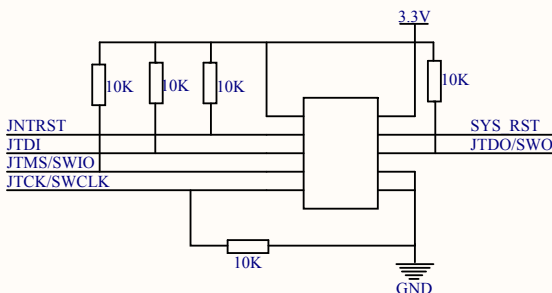
5 TDI(左) - 5 TDI (右)

7 TMS(左) - 7 TMS (右)

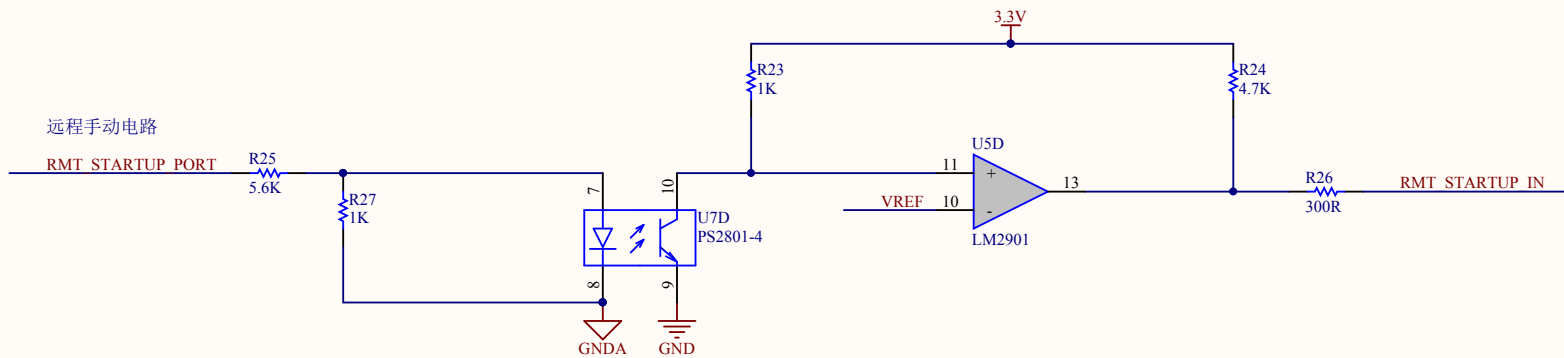
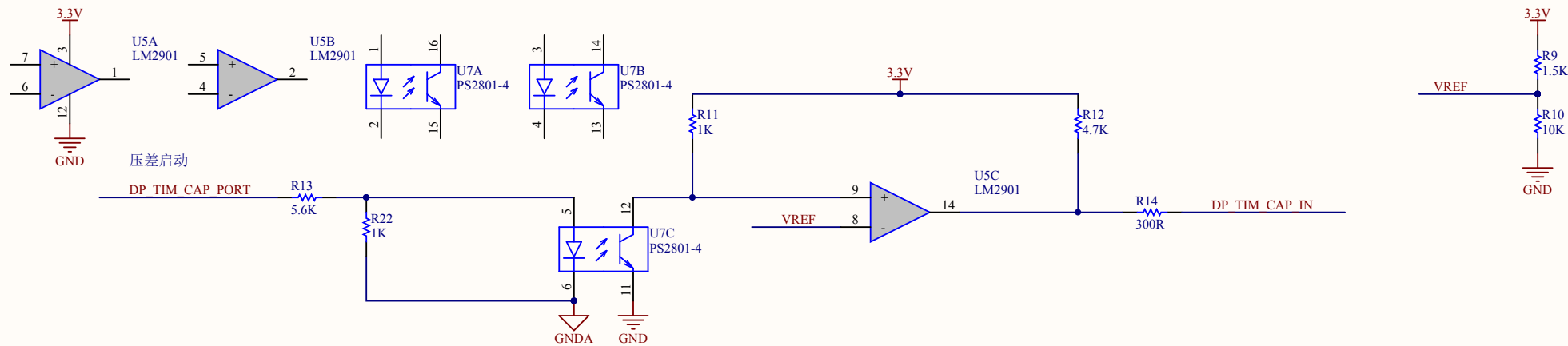
9 TCK(左) - 9 TCK (右)

6 TDO(左) - 13 TDO (右)

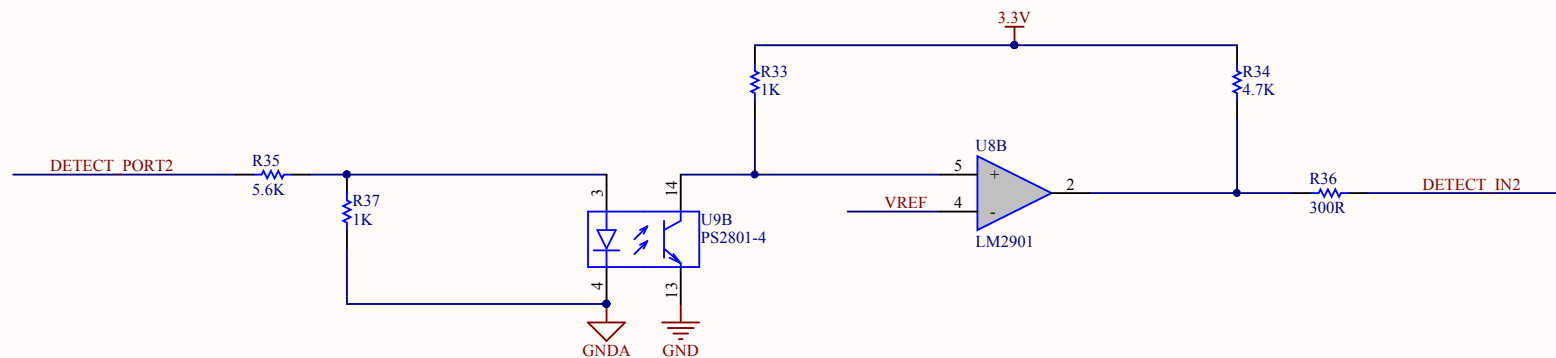
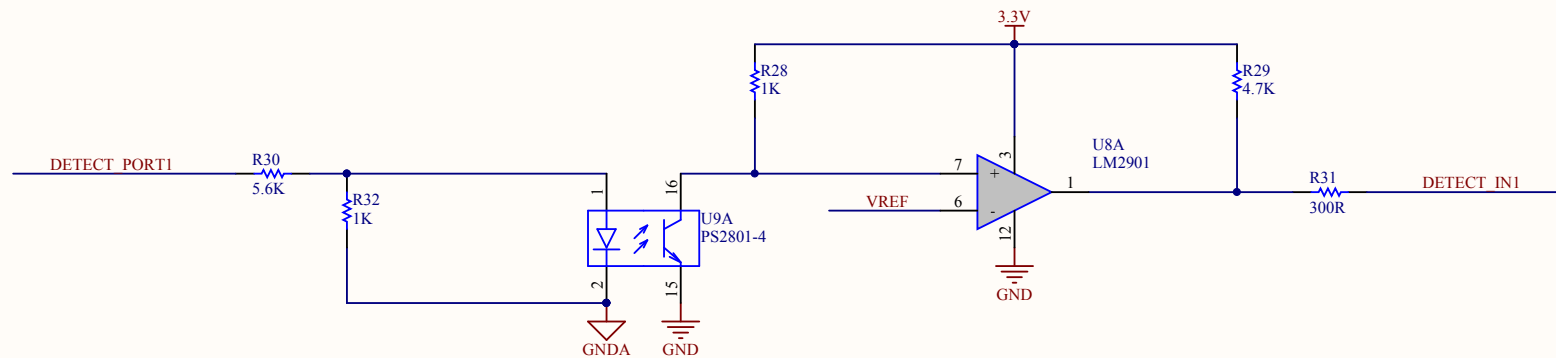
A typical JTAG connector would be as follows:
(this is what is used on the Keil MCB2100 board with the LPC2129 on it) TRST - 10K pull up to 3.3V, TDI - 10K pull up to 3.3V, TMS - 10K pull up to 3.3V, TDO - 10K pull up to 3.3V, TCK - 10K pull down to GND, RTCK - 10K pull down to GND with jumper. (with the pull down connected to ground, this make the JTAG port available. Without the pull down, the JTAG port is not available.



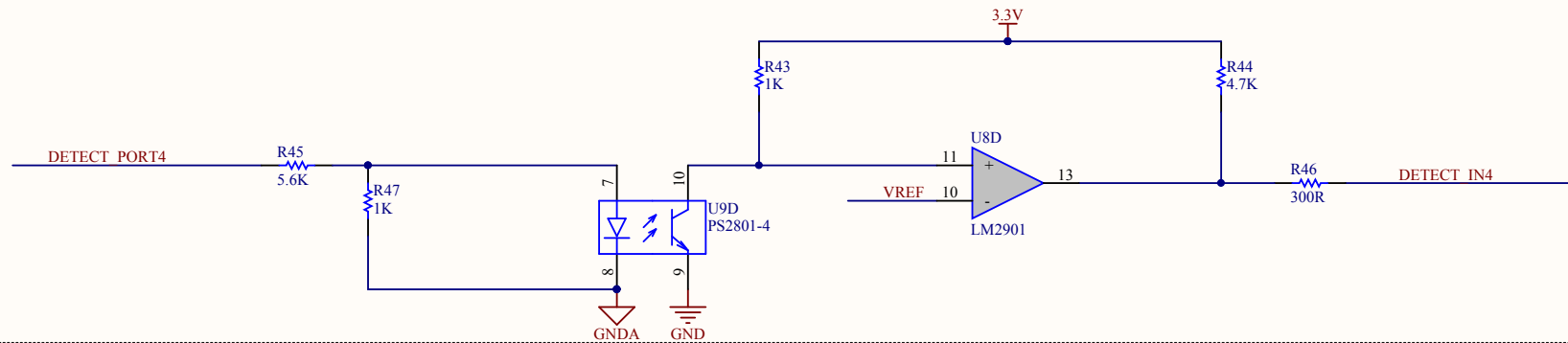
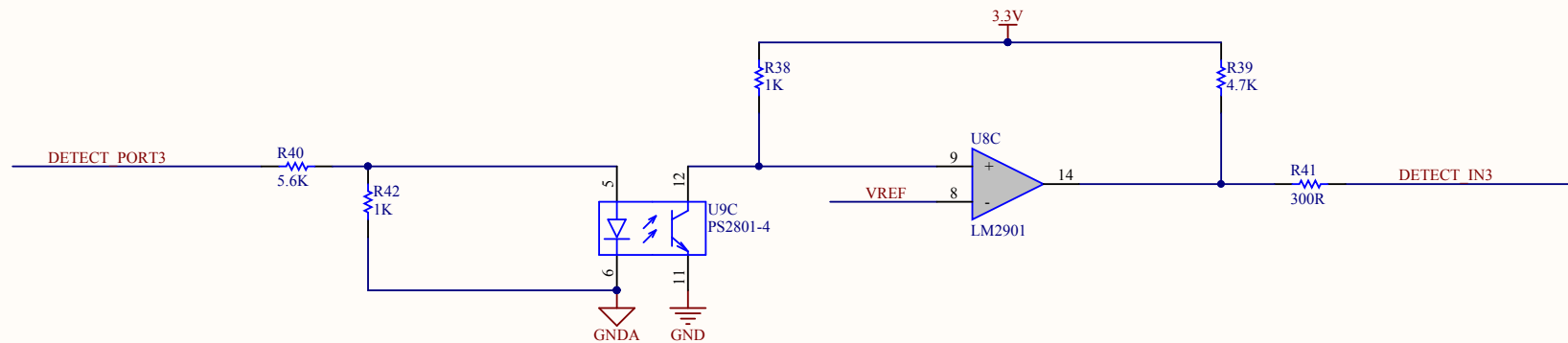
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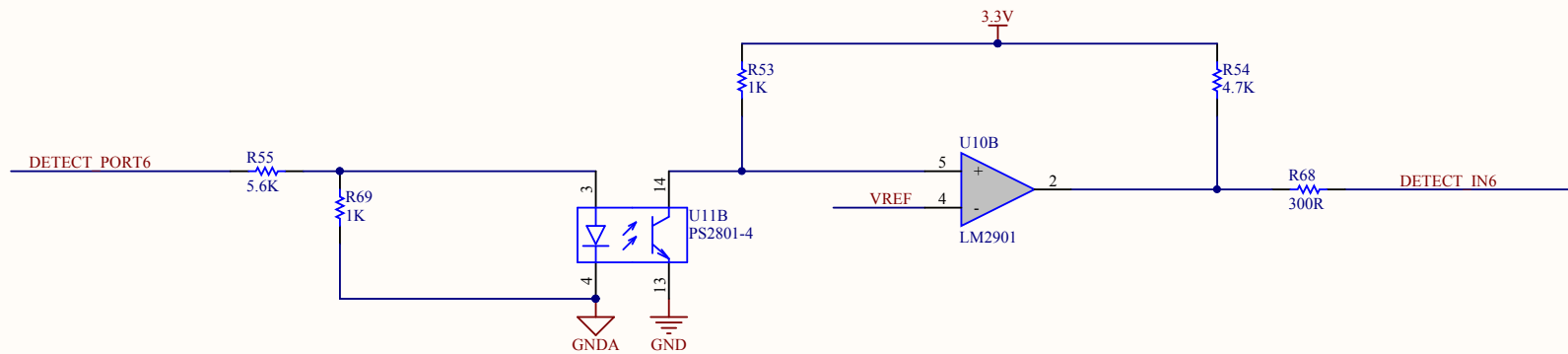
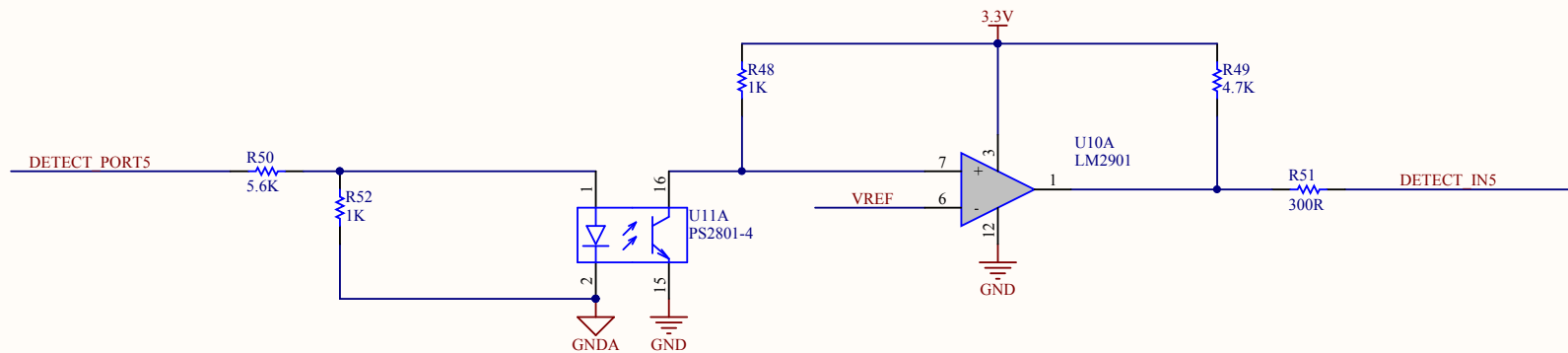
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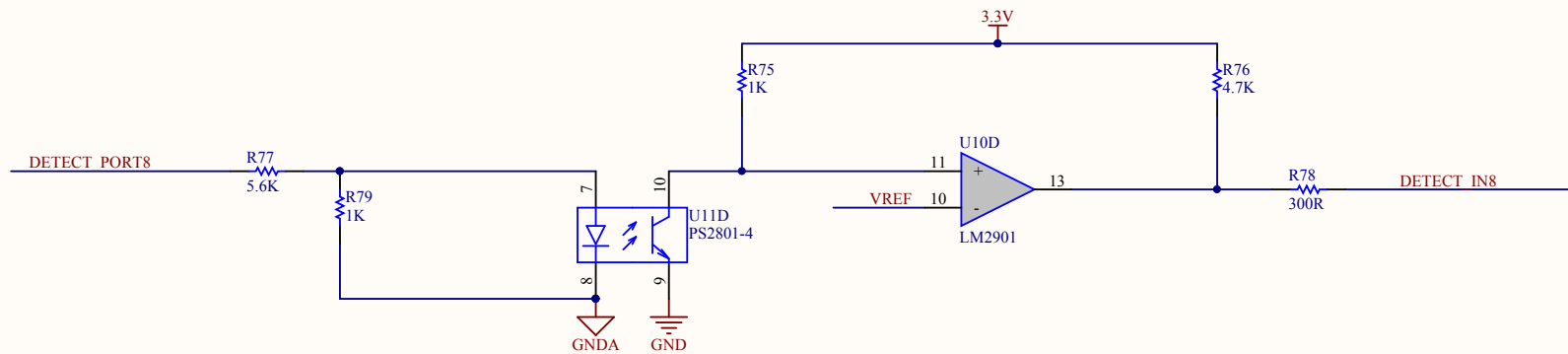
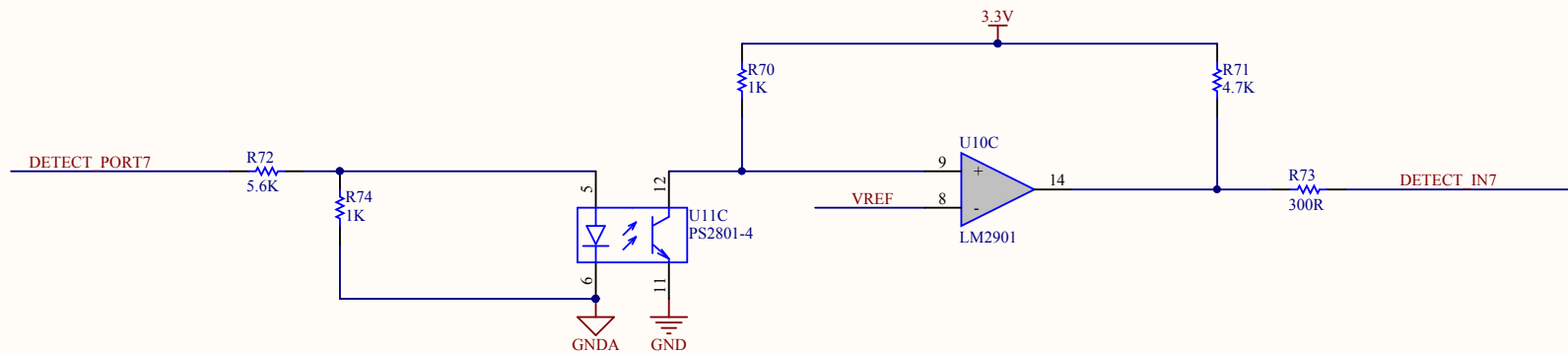
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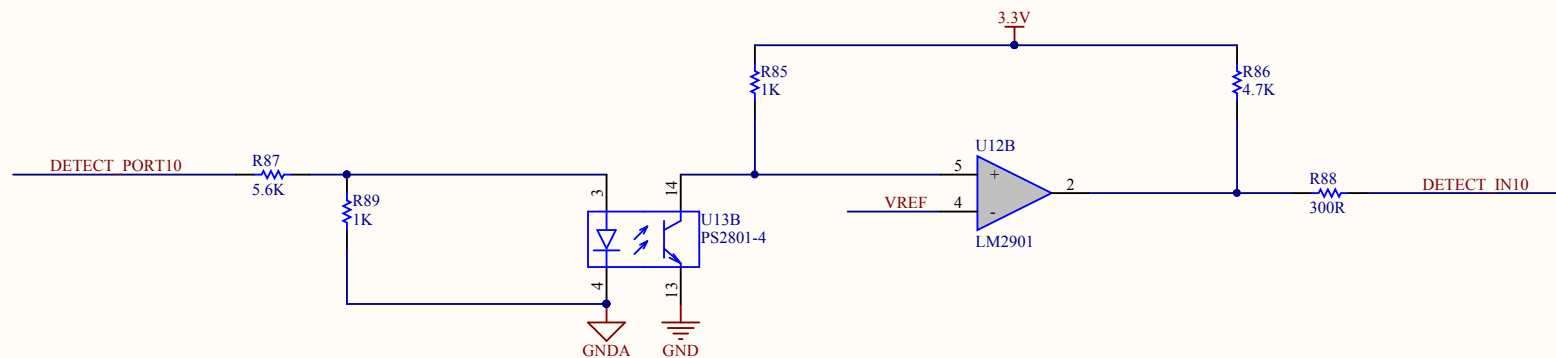
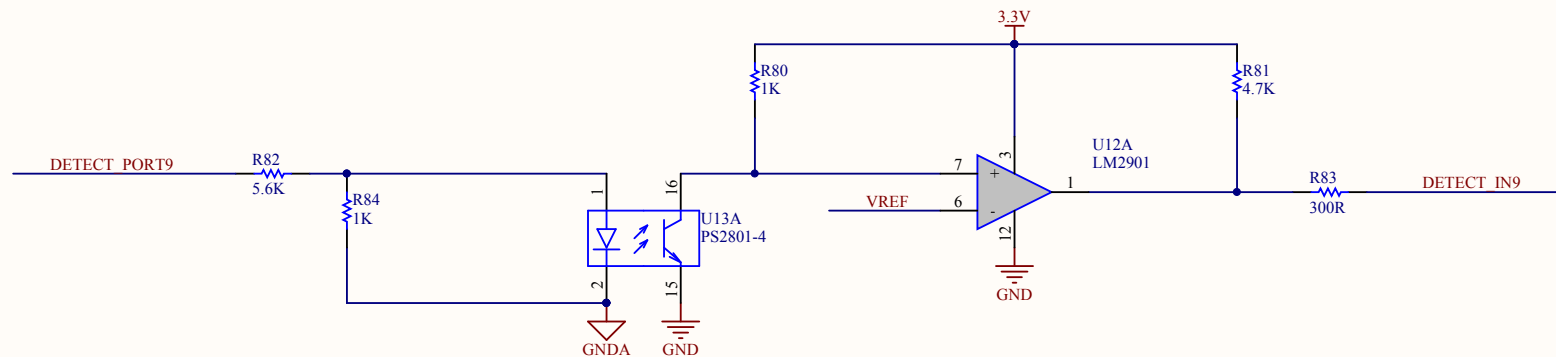
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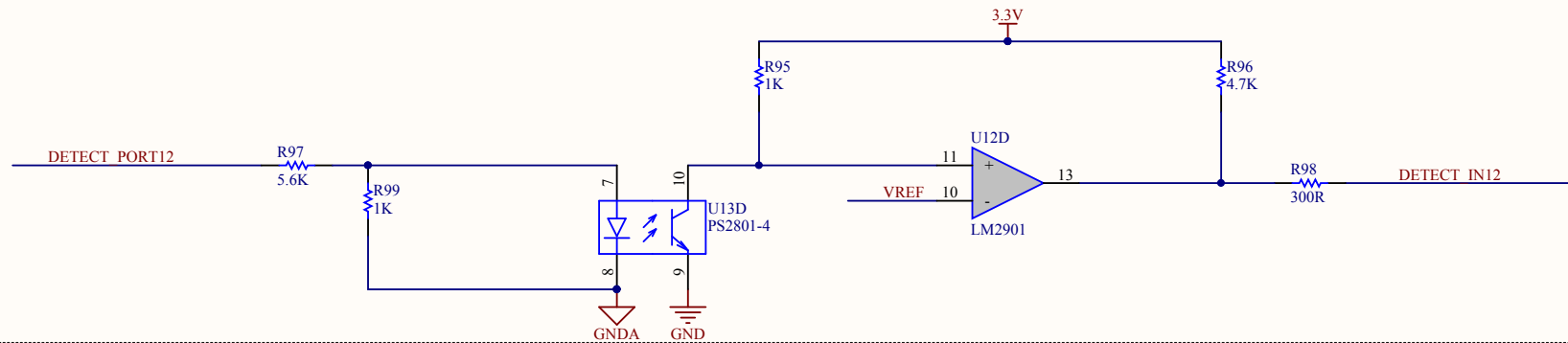
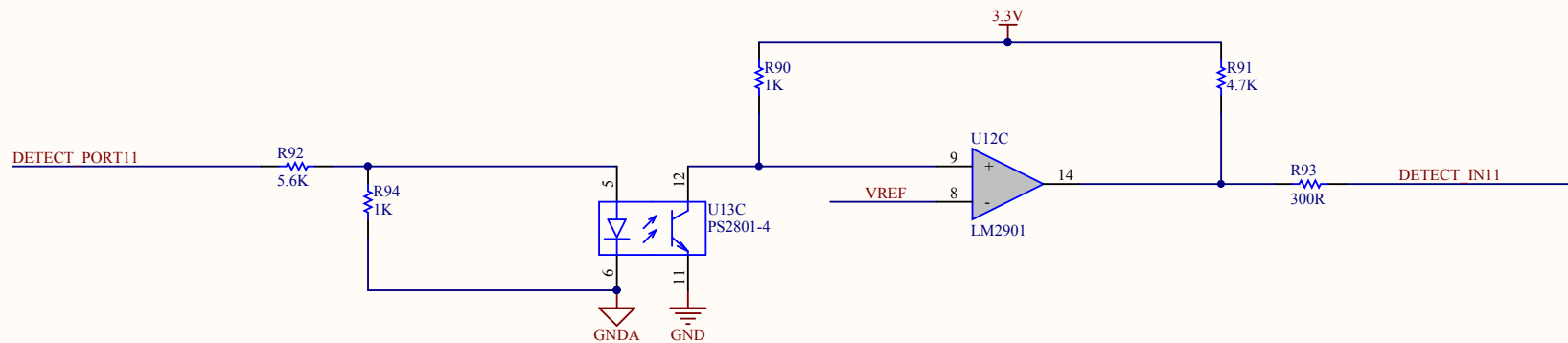
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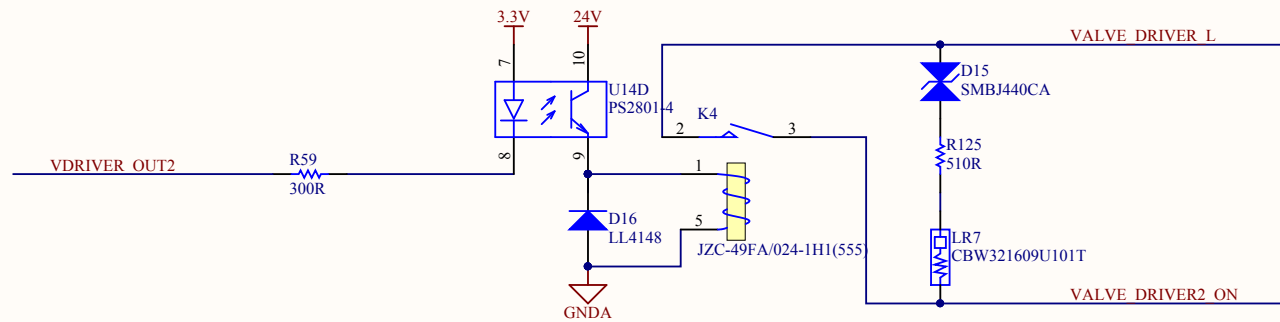
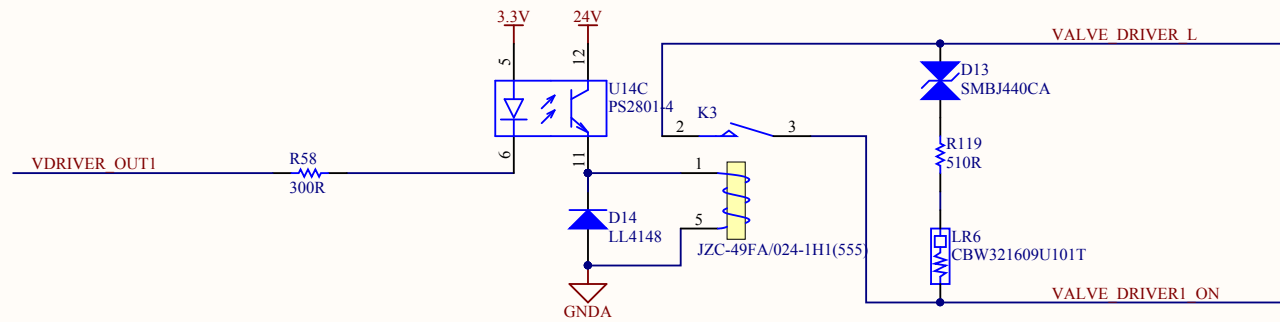
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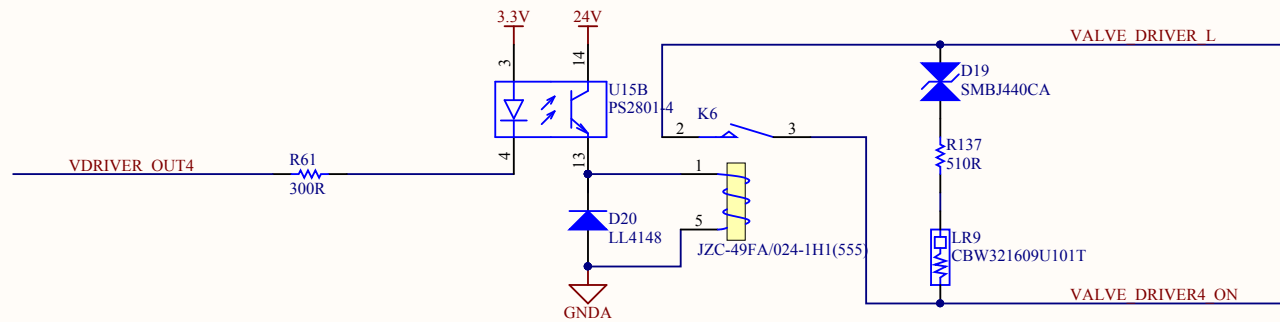
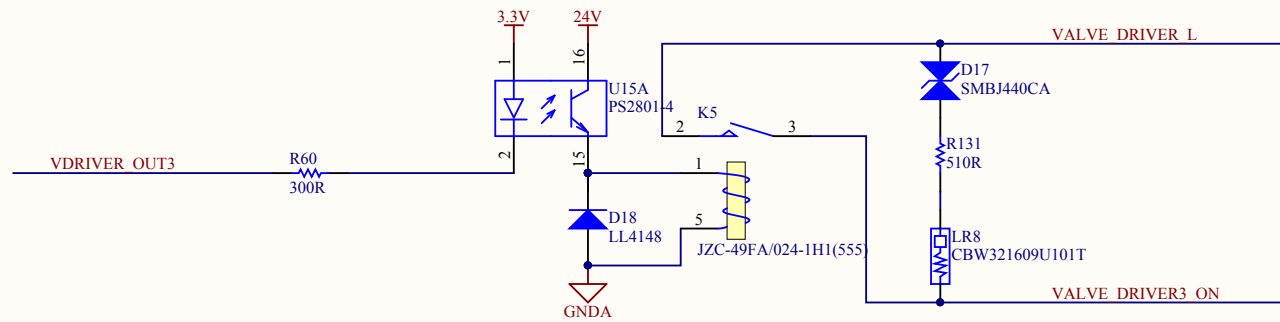
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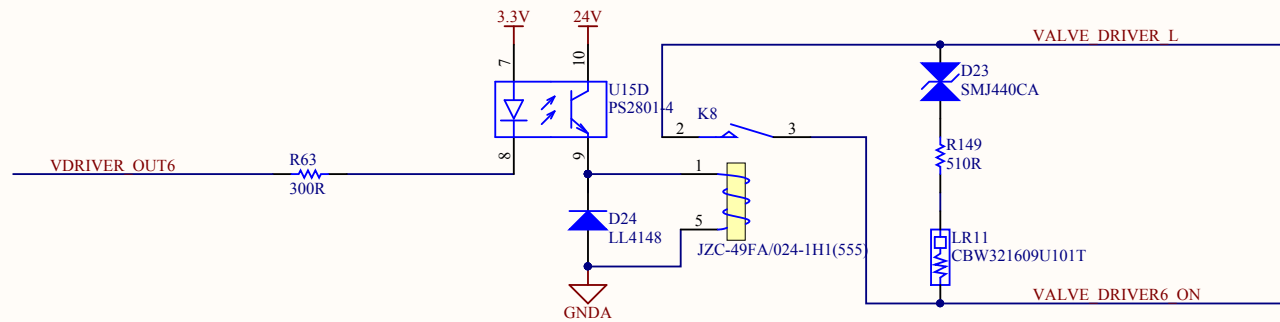
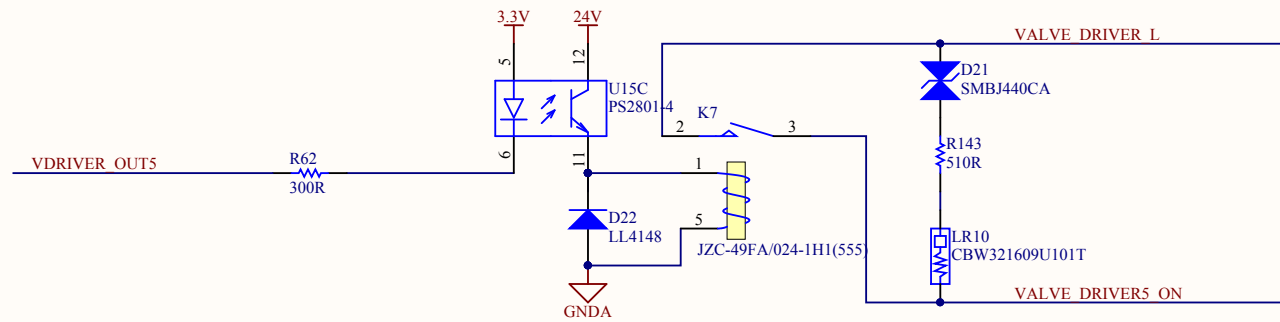
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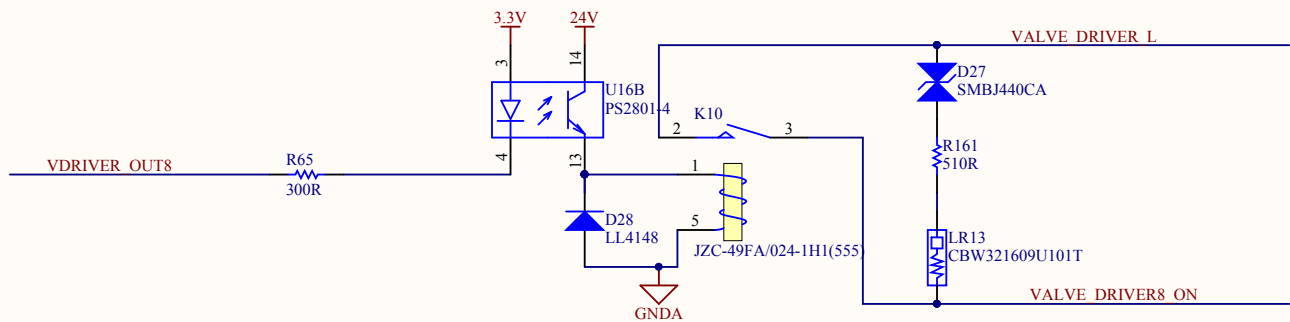
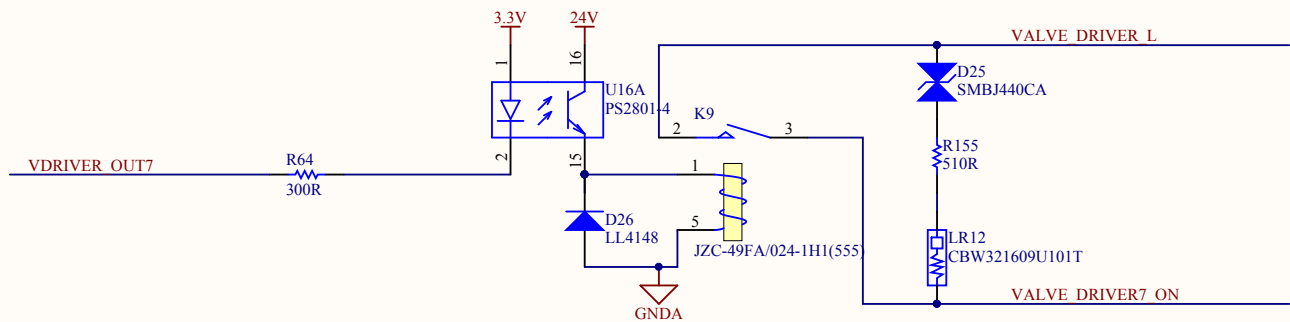
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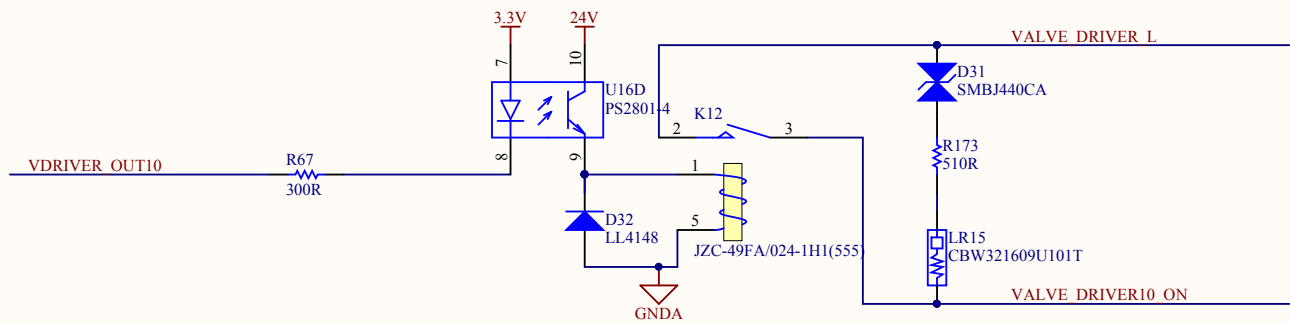
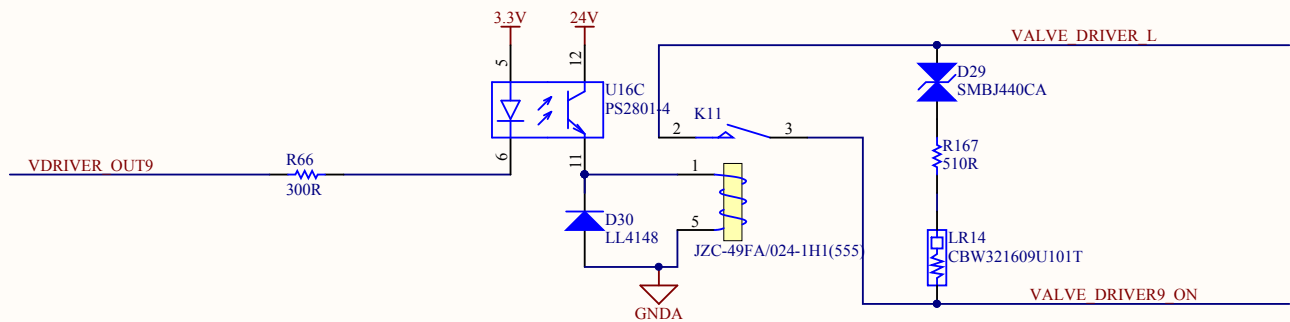
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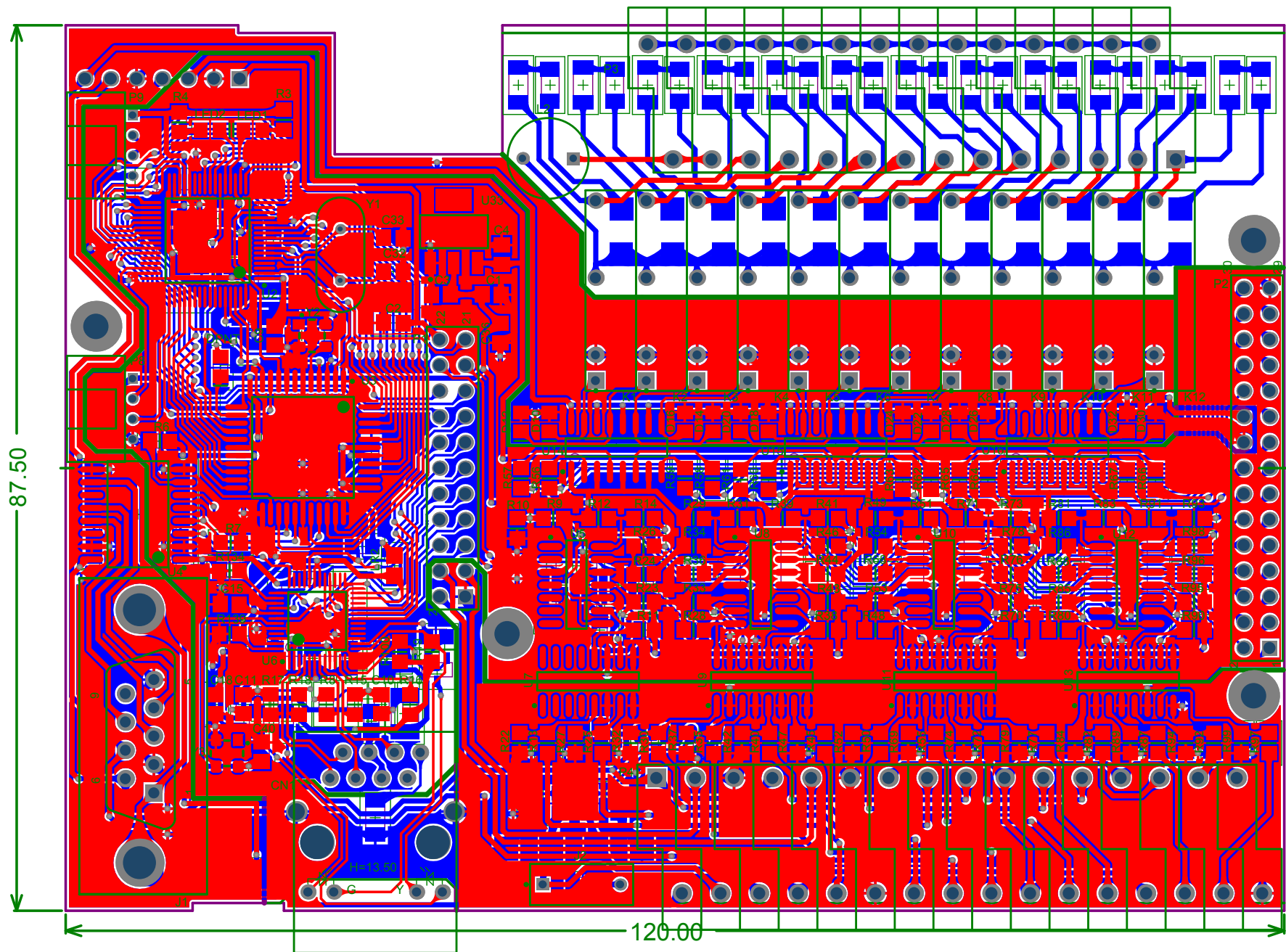
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Title		
Size	Number	Revision
A4		
Date:	2016/1/7	Sheet of
File:	E:\SFC\drvoutput4.SchDoc	Drawn By:



Title		
Size	Number	Revision
A4		
Date:	2016/1/7	Sheet of
File:	E:\SFC\drvoutput5.SchDoc	Drawn By:



Comment	Description	Designator	Footprint	Quantity
0.1uF	Capacitor	C1, C2, C4, C5, C6, C7, C8, C9, C10, C11, C12, C18, C26, C28, C31, C34, C35, C38, C40, C41, C42	CAPC2012M	21
10uF	Capacitor	C3, C16	CAPC2012M	2
0.01uF	Capacitor	C13, C15, C17, C27, C36	CAPC2012M	5
220uF/6.3V	Polarized Capacitor (Radial)	C14	CAPC3528MS	1
20pF	Capacitor	C24, C25, C29, C30, C32, C33	CAPC2012M	6
HR911105A		CN1	HR911105A(RJ-45)	1
SMBJ440CA	Bi-dir TVS Diode	D9, D11, D13, D15, D17, D19, D21, D25, D27, D29, D31	SMB	11
LL4148	1 Amp General Purpose Rectifier	D10, D12, D14, D16, D18, D20, D22, D24, D26, D28, D30, D32	CD2012-0805	12
SMJ440CA	Bi-dir TVS Diode	D23	SMB	1
SMB5.1CA	Bi-dir TVS Diode	D33, D34	SMB	2
Green	Green LED, Output indicate.	DPNT, LED1, LED2	CD2012-0805	3
D Connector 9B	Receptacle Assembly, 9 Position, Upright	J1	DSUB1.385-2H98L	1
JP_CAN	'Dial Switch pitch 7.62mm	J2	DS-01	1
JZC-49FA/024-1H1(555)	Intermediate Power Relay	K1, K2, K3, K4, K5, K6, K7, K8, K9, K10, K11, K12	JZC-49FA	12
Inductor Iron	Magnetic-Core Inductor	L2	CAPPR5-8x8A	1
CBW321609U101T	EMI FILTERS,DC Resistance max.0.05~1.5 ohms,10 ~ 1000 ohms at 100MHz Frequency	LR1, LR3, LR4, LR5, LR6, LR7, LR8, LR9, LR10, LR11, LR12, LR13, LR14, LR15	INDC3216M	14
CBW201209U102T	EMI FILTERS,DC Resistance max.0.05~1.5 ohms,10 ~ 1000 ohms at 100MHz Frequency	LR2, LR16, LR17	INDC2012M	3
Header 11X2	Header, 11-Pin, Dual row	P1	HDR2X11	1
Header 15X2	Header, 15-Pin, Dual row	P2	HDR2X15	1
Header 14X2	Header, 14-Pin, Dual row	P3	DG127A-3.81-14	1
Header 16X2	Header, 16-Pin, Dual row	P4	DG127A-3.81-16	1
Header 7	Header, 7-Pin	P5	HDR1X7	1
Header 4	Header, 4-Pin	P8, P9	HDR1x4H-2.0	2
SS8050	NPN BISS Transistor	Q1	SOT-23_N	1
1K	Resistor	R1, R3, R4, R11, R22, R23, R27, R28, R32, R33, R37, R38, R42, R43, R47, R48, R52, R53, R69, R70, R74, R75, R79, R80, R84, R85, R89, R90, R94, R95, R99	RESC2012M	31
100K	Resistor	R2, R5	RESC2012M	2
10K	Resistor	R6, R10, R16, R19, R100, R101, R102, R105, R106, R134	RESC2012M	10
5.1K	Resistor	R7	RESC2012M	1
49.9R%1	Resistor	R8, R15, R17, R18	RESC2012M	4
1.5K	Resistor	R9	RESC2012M	1
4.7K	Resistor	R12, R24, R29, R34, R39, R44, R49, R54, R71, R76, R81, R86, R91, R96	RESC2012M	14
5.6K	Resistor	R13, R25, R30, R35, R40, R45, R50, R55, R72, R77, R82, R87, R92, R97	RESC2012M	14
300R	Resistor	R14, R26, R31, R36, R41, R46, R51, R56, R57, R58, R59, R60, R61, R62, R63, R64, R65, R66, R67, R68, R73, R78, R83, R88, R93, R98	RESC2012M	26
510	Resistor	R20, R21	RESC2012M	2
5.1R	Resistor	R103, R104, R121, R122	RESC2012M	4
510R	Metal film Resistor	R107, R113, R119, R125, R131, R137, R143, R149, R155, R161, R167, R173	RESC3216M	12
120R	Resistor	R110	RESC2012M	1
6.8K	Resistor	R139	RESC2012M	1
MIC811TU	4-Pin 嘜 Voltage Monitors with Manual Reset Input	U1	SOT-143_N	1
STM32F103R8T6	STM32 ARM-based 32-bit MCU with 128 Kbytes Flash, 64-pin LQFP, Industrial Temperature	U2	LQFP64	1
VPC3+C(PQP44)	a communication chip with processor interface for intelligent PROFIBUS DP-Slave applications	U3	PQFP44	1
ADM2486	Isolated RS-485 Transceiver	U4	RW-16_N	1
LM2901	4通道差分比较器芯片	U5, U8, U10, U12	SOIC-14AM	4
DM9161	网络芯片	U6	LQFP48_L	1
PS2801-4	The PS2801-1 and PS2801-4 are optically coupled isolators containing a GaAs light emitting diode and an NPN silicon phototransistor in a plastic SOP for high density applications.	U7, U9, U11, U13, U14, U15, U16	SOIC16_N	7
ASM1117-3.3	800mA Low-Dropout Linear Regulator	U33	SOT-223	1
ISO1050DUB	隔离型CAN接口芯片	U34	SO-8LA	1
8MHz@20pF	Crystal Oscillator	Y1	HC-49U	1
XATLS	贴片有源晶振	Y2, Y3	X-CP3225	2