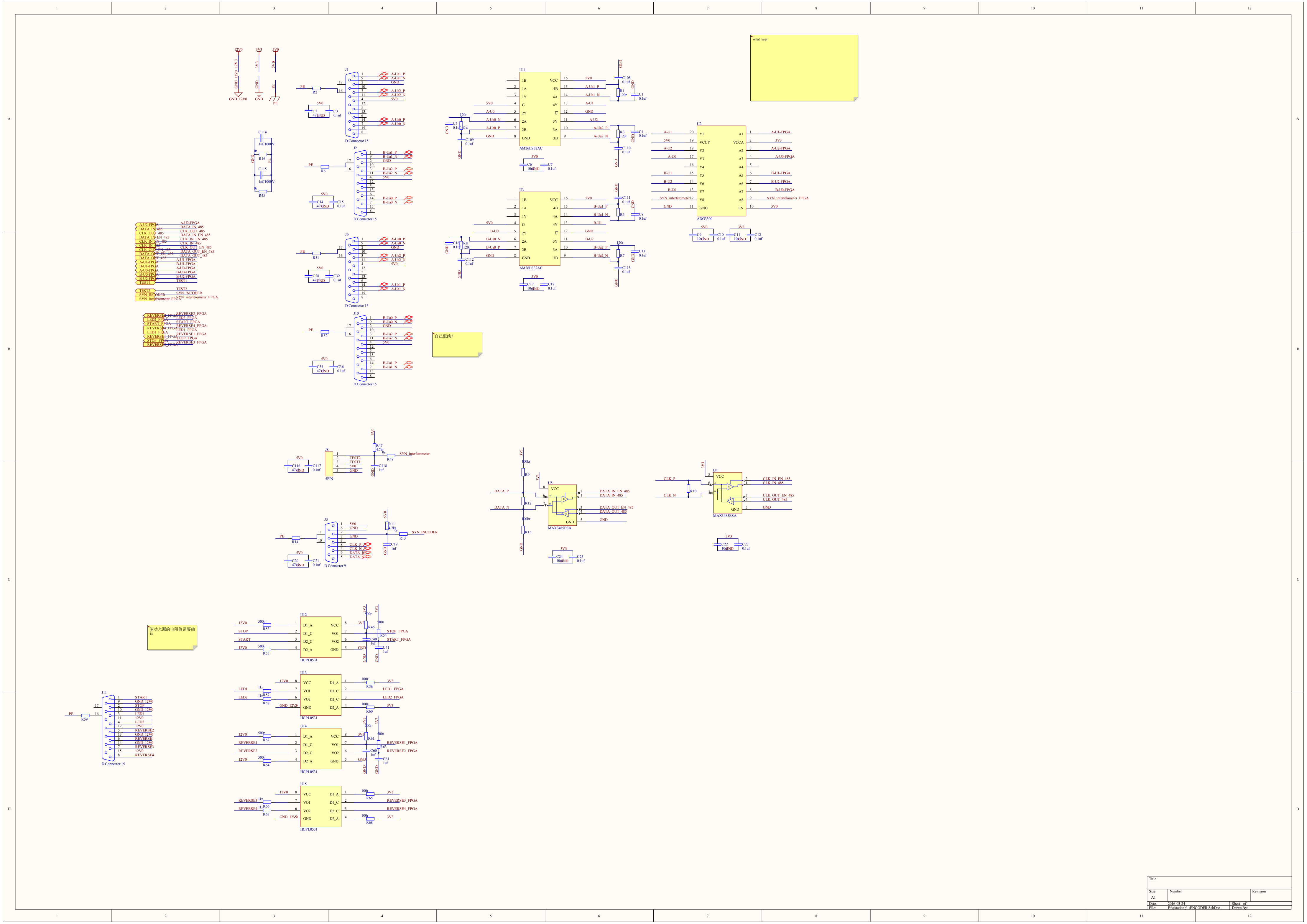

what laser
自己配线?
驱动光源的电阻值需要确认
U11 AM26LS32AC
U3 AM26LS32AC
U2 ADG3300
U5 MAX3485ESA
U4 MAX3485ESA
U12 HCPL0531
U13 HCPL0531
U14 HCPL0531
U15 HCPL0531
J1 D Connector 15
J2 D Connector 15
J9 D Connector 15
J10 D Connector 15
J11 D Connector 15
J3 D Connector 9
J8 5PIN
12V0
3V3
5V0
GND_12V0
GND
PE
SYN_interferometer
SYN_INCODER
DATA_P
DATA_N
CLK_P
CLK_N
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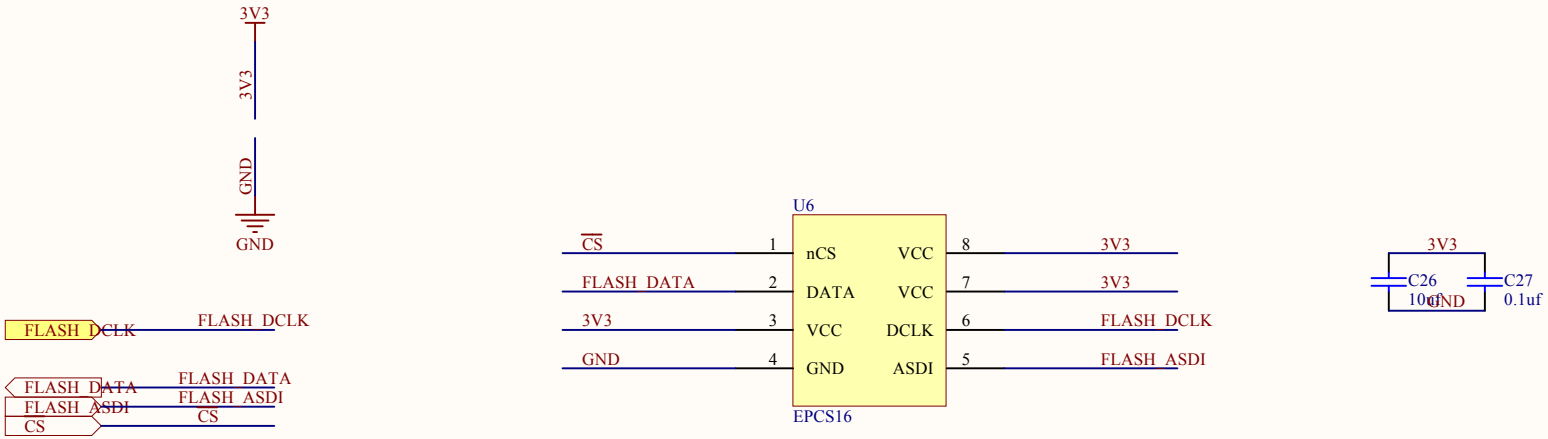
Size
A1
Number
Revision
Date: 2016-03-24
Sheet of
File:
Drawn By:



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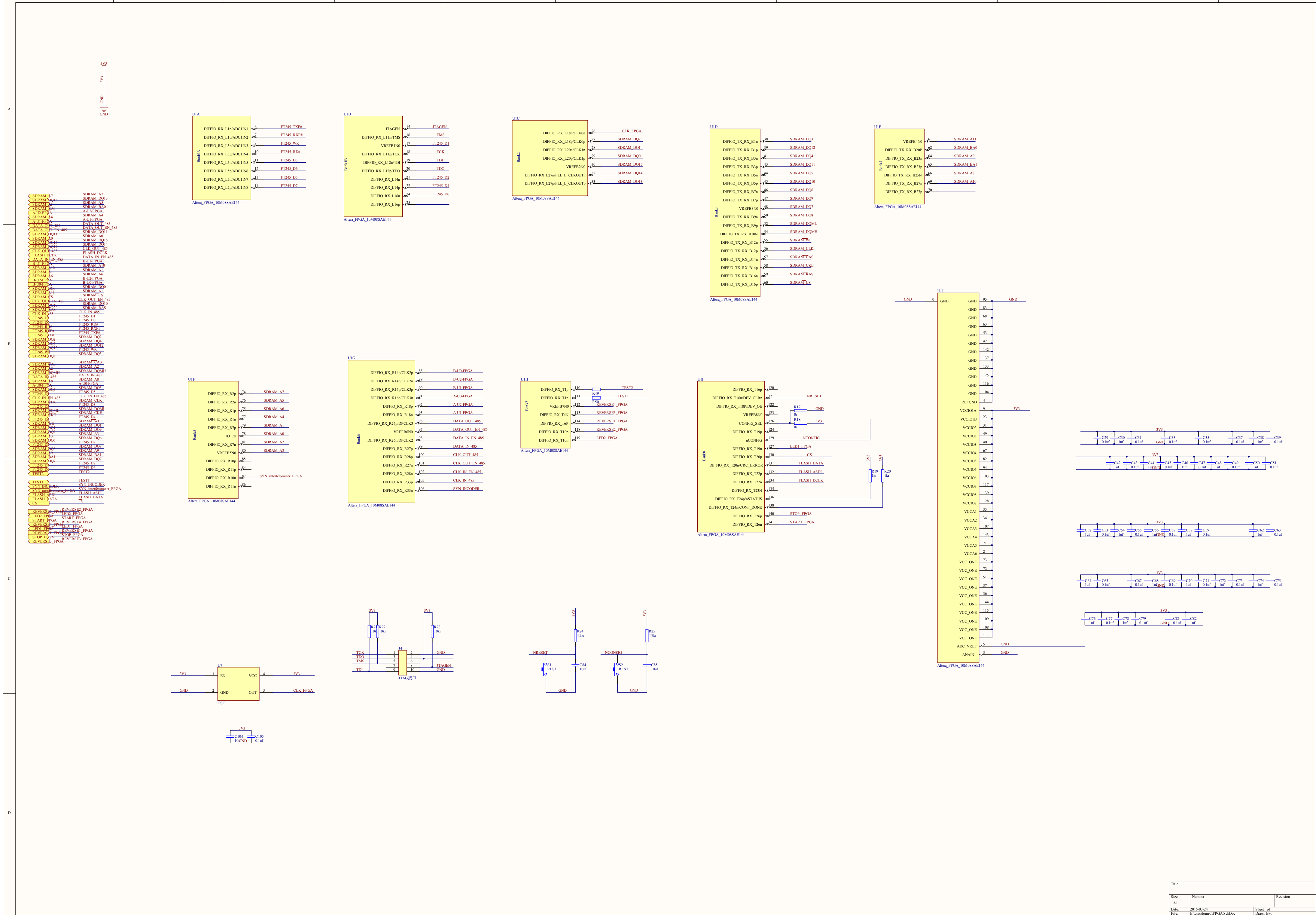
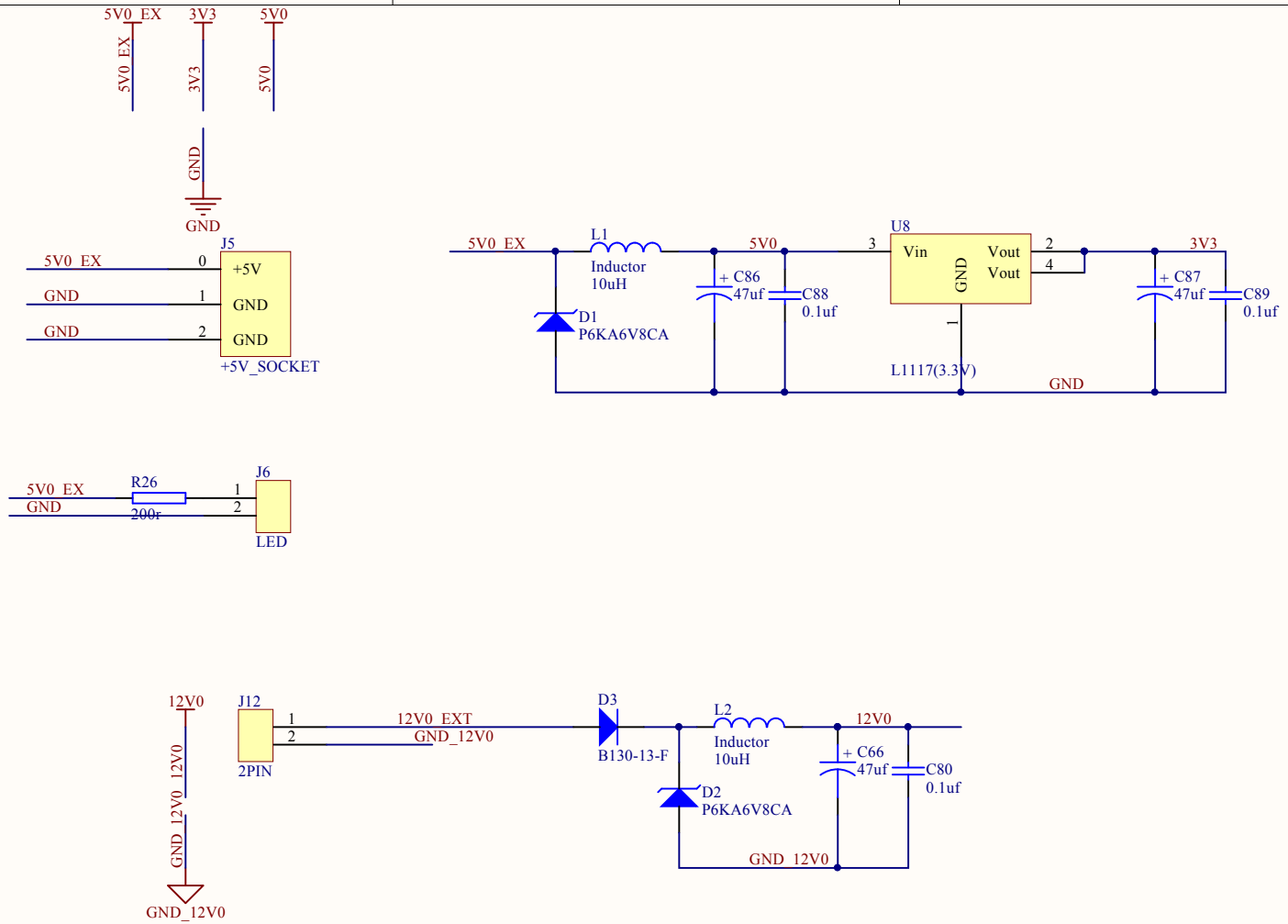


U1A
Bank1A
Altera_FPGA_10M08SAE144
U1B
Bank1B
Altera_FPGA_10M08SAE144
U1C
Bank2
Altera_FPGA_10M08SAE144
U1D
Bank3
Altera_FPGA_10M08SAE144
U1E
Bank4
Altera_FPGA_10M08SAE144
U1F
Bank5
Altera_FPGA_10M08SAE144
U1G
Bank6
Altera_FPGA_10M08SAE144
U1H
Bank7
Altera_FPGA_10M08SAE144
U1I
Bank8
Altera_FPGA_10M08SAE144
U1J
Altera_FPGA_10M08SAE144
U7
OSC
EN
VCC
GND
OUT
3V3
CLK_FPGA
J4
JTAG接口
TCK
TDO
TMS
TDI
JTAGEN
R21
R22
10kr
R23
10kr
S1
REST
S2
REST
NRESET
NCONFIG
R24
4.7kr
R25
4.7kr
C84
10uf
C85
10uf
C104
10uf
C105
0.1uf
Title
Size
A1
Number
Revision
Date:
2016-03-24
Sheet of
File:
E:\qiaodong\...\FPGA.SchDoc
Drawn By:



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Date: 2016-03-24		Sheet of
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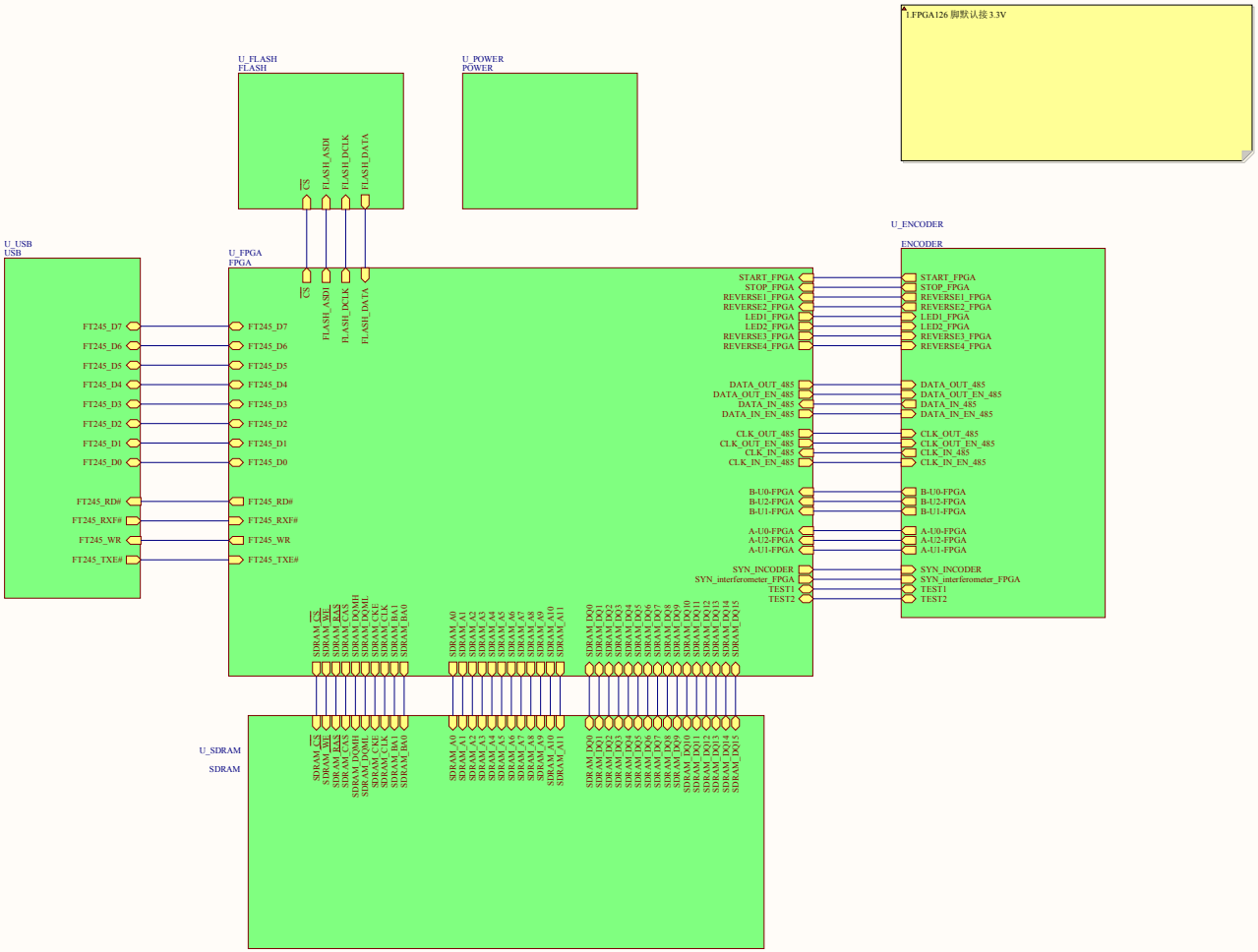

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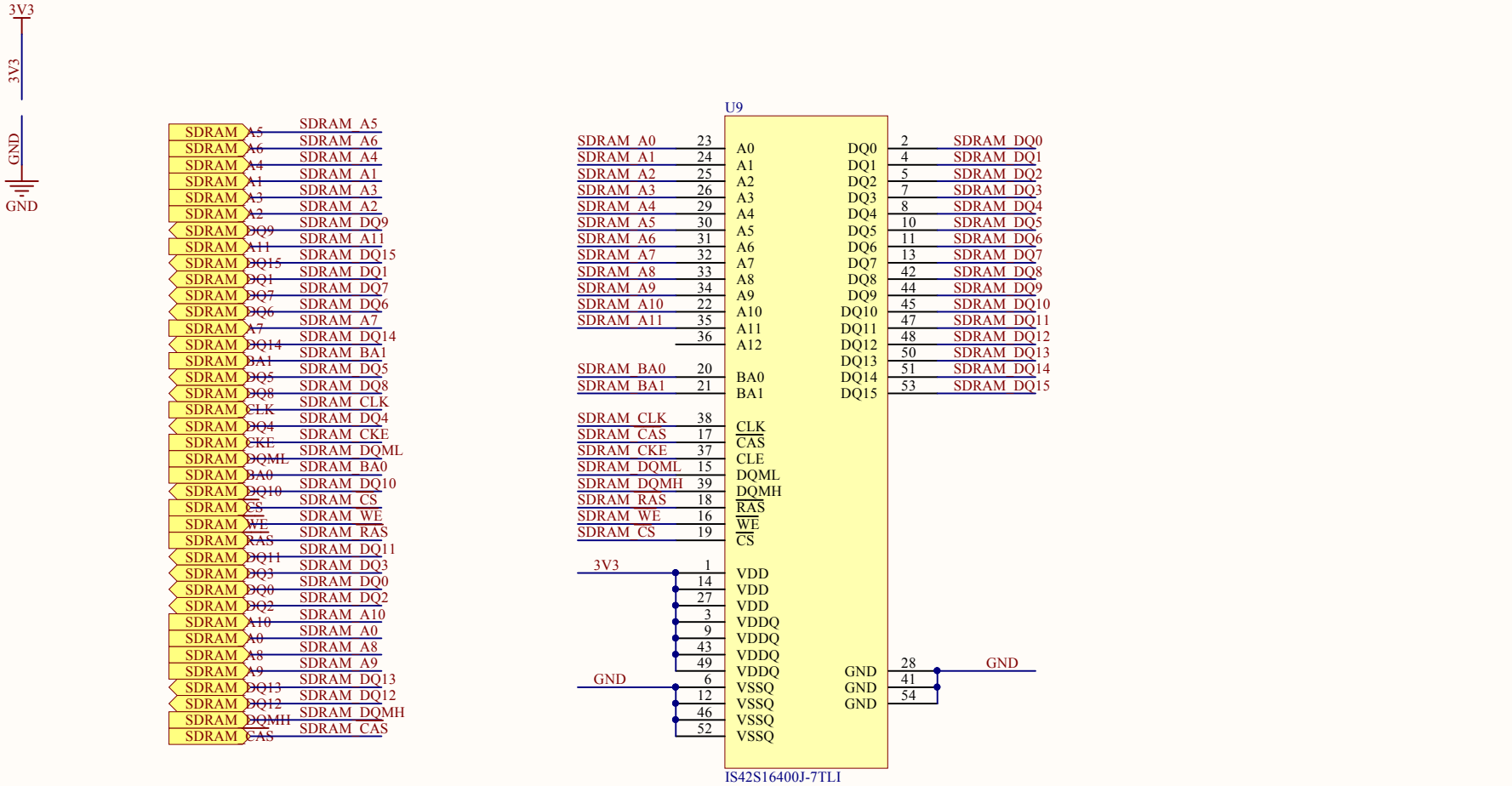
Date: 2016-03-24	Sheet of	
File: E:\qiaodong\...\PRECISION_CHECK_Sch.Dsn	Drawn By:	



Title		
Size A4	Number	Revision
Date: 2016-03-24		Sheet of
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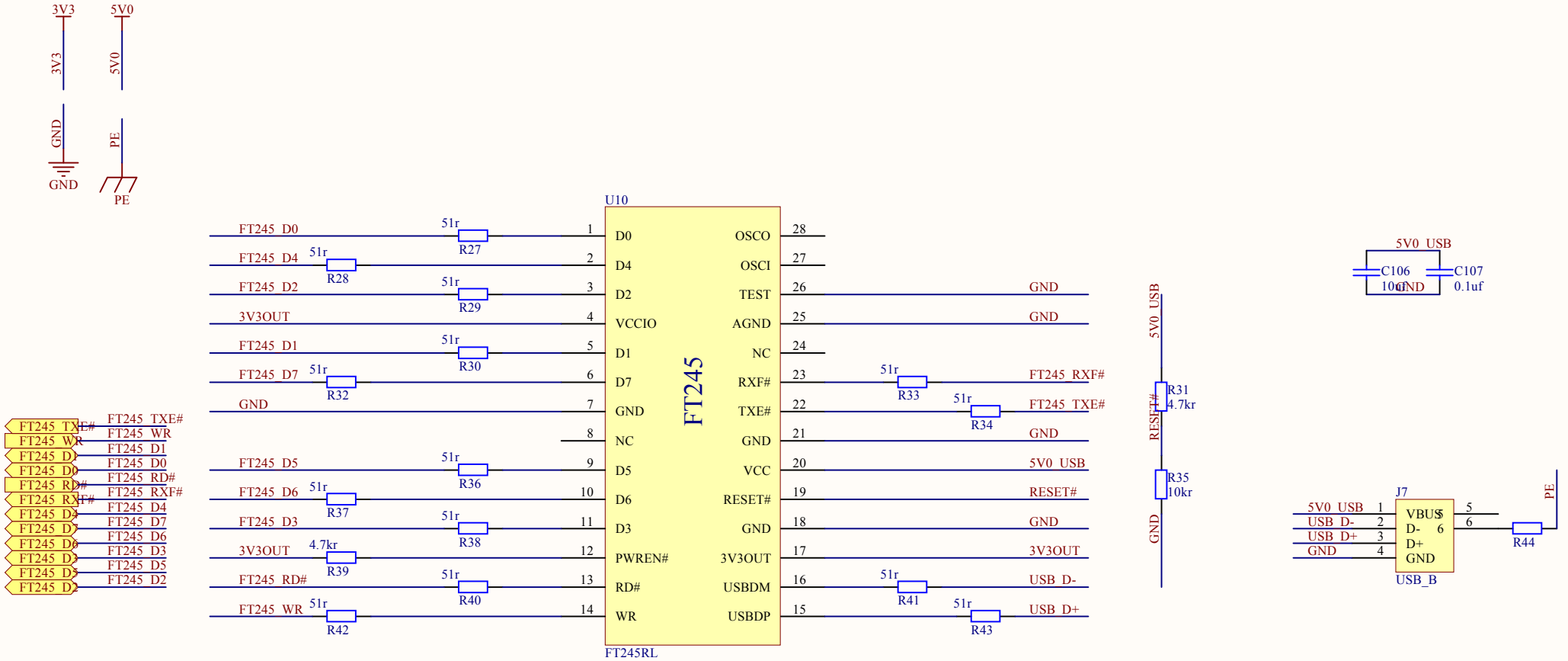

Title		
Size A4	Number	Revision
Date: 2016-03-24		Sheet of
File: E:\qiaodong\..\USB.SchDoc		Drawn By:

Comment	Description	Designator	Footprint	LibRef	Quantity
0.1uf	Capacitor	C1, C3, C4, C5, C7, C8, C10, C12, C13, C15, C16, C18, C21, C23, C25, C27, C32, C36, C80, C88, C89, C105, C107, C108, C109, C110, C111, C112, C113, C117	1608[0603]	CAP	30
47uf	Capacitor	C2, C14, C20, C28, C34, C66, C86, C87, C116	1206D	CAP_1, CAP_1, CAP_1, CAP_1, CAP_1, CAPACITOR POL, CAPACITOR POL, CAPACITOR POL, CAP_1	9
10uf	Capacitor	C6, C9, C11, C17, C22, C24, C26	1608[0603]	CAP	7
1uf	Capacitor	C19, C40, C41, C60, C61, C118	1608[0603]	CAP	6
0.1uf	Capacitor	C29, C31, C33, C35, C37, C39, C43, C45, C47, C49, C51, C53, C55, C57, C59, C63, C65, C67, C69, C71, C73, C75, C77, C79, C81, C91, C93, C95, C97, C99, C100, C101, C102, C103	0402_end	CAP_1	34
1uf	Capacitor	C30, C38, C42, C44, C46, C48, C50, C52, C54, C56, C58, C62, C64, C68, C70, C72, C74, C76, C78, C82, C90, C92, C94, C96, C98	0402_end	CAP_1	25
10uf	Capacitor	C84, C85, C104, C106	1206D	CAP_1	4
1nf/1000V	Capacitor	C114, C115	RAD-0.2-1	CAP	2
P6KA6V8CA		D1, D2	P6KA-SMD	DIODE-PEAK	2
B130-13-F		D3	SMA	B130-13-F	1
D Connector 15	Receptacle Assembly, 15 Position, Right Angle	J1, J2, J9, J10, J11	DSUB1.385-2H15	D Connector 15	5
D Connector 9	Receptacle Assembly, 9 Position, Right Angle	J3	DB9SL	D Connector 9	1
JTAG接口		J4	HDR5X2-LP	10DPIN	1
+5V_SOCKET		J5	+5V_SOCKET	+5V_SOCKET	1
LED		J6	HDR1X2	2PIN	1
USB_B		J7	USB_B	USB_B	1
5PIN		J8	5PIN_MIL - B	5PIN	1
2PIN		J12	2PIN_MIL - B	2PIN	1
Inductor	Inductor	L1, L2	CDR74B	Inductor	2
120r	Resistor	R1, R3, R4, R5, R7, R8, R10, R12	1608[0603]	Res2	8
0r	Resistor	R2, R6, R14, R16, R44, R45, R51, R52, R59	1206	Res2	9
100kr	Resistor	R9, R15	1608[0603]	Res2	2
4.7kr	Resistor	R11, R31, R39, R47	1608[0603]	Res2	4
0r	Resistor	R13, R48, R49, R50	1608[0603]	Res2	4
0r		R17, R18	0402_end	RES2	2
1kr		R19, R20	0402_end	RES2	2
10kr		R21, R22, R23	0402_end	RES2	3
4.7kr		R24, R25	0603D	RES2	2
200r		R26	0603D	RES2	1
51r	Resistor	R27, R28, R29, R30, R32, R33, R34, R36, R37, R38, R40, R41, R42, R43	1608[0603]	Res2	14
10kr	Resistor	R35	1608[0603]	Res2	1
500r	Resistor	R46, R54, R61, R63	1608[0603]	Res2	4
500r	Resistor	R53, R55, R62, R64	1206	Res2	4
100r	Resistor	R56, R60, R65, R68	1608[0603]	Res2	4
1kr	Resistor	R57, R58, R66, R67	1206	Res2	4
REST		S1, S2	SW-S2-4	SW-PB	2
Altera_FPGA_10M08SAE144		U1	EQFP144	Altera_FPGA_10M08SAE144	1
ADG3300		U2	TSSOP20	ADG3300	1
AM26LS32AC		U3, U11	SOIC-16	AM26LS32AC	2
MAX3485ESA	Low-Power, Slew-Rate-Limited RS-485/RS-422 Transceiver	U4, U5	NSO8_N	MAX485ESA	2
EPCS16		U6	SOIC-8	EPCS16	1
OSC		U7	OSC7.0*5.0	OSC	1
L1117(3.3V)	LDO电源芯片	U8	SOT223	1117	1
IS42S16400J-7TLI		U9	TSOP-2-54	IS42S16400J-7TLI	1
FT245RL		U10	FT245RL	FT245RL	1
HCPL0531		U12, U13, U14, U15	SOIC-8	HCPL0531	4