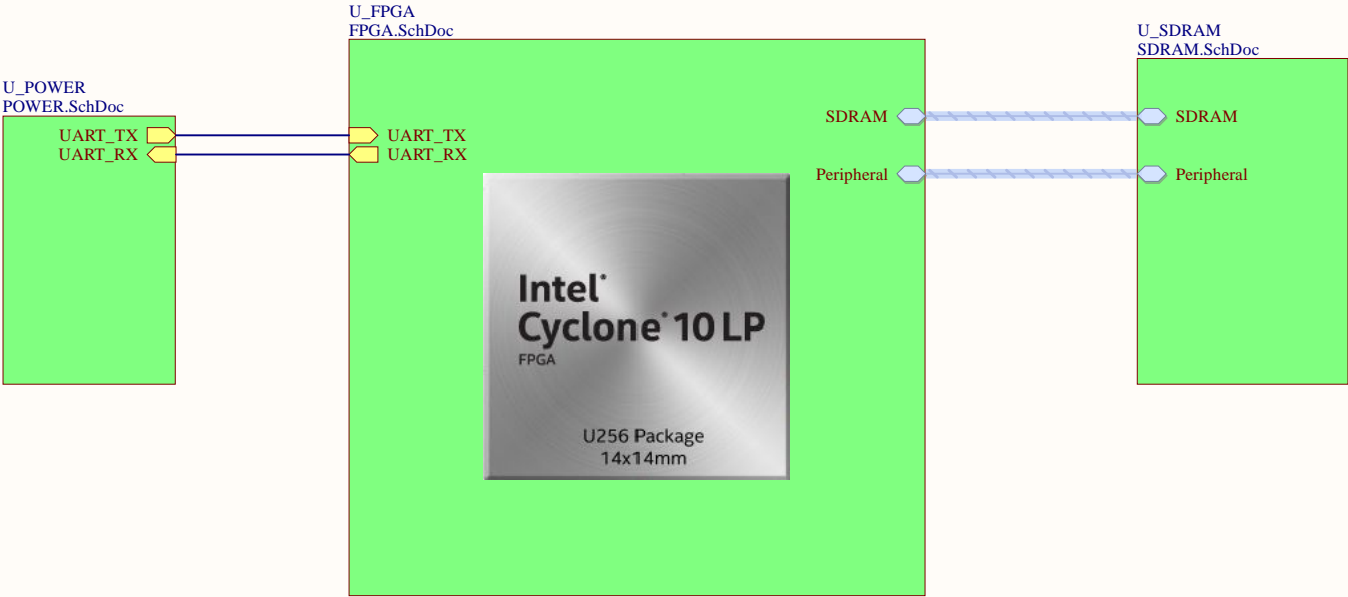




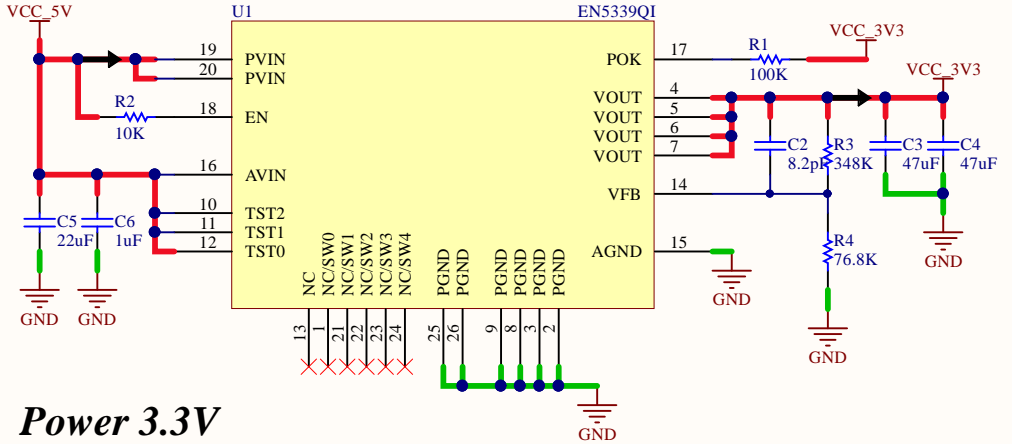
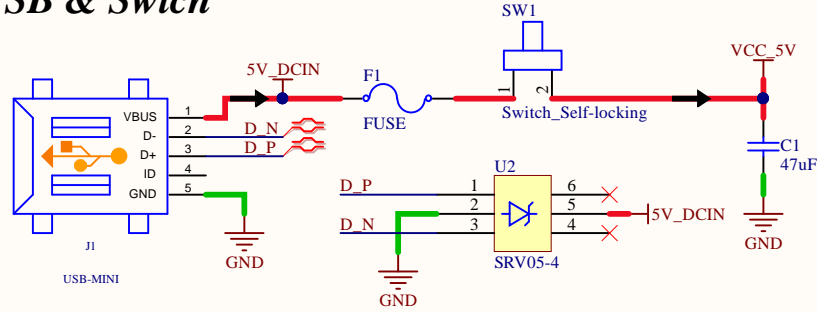
Cyclone10LP_CoreBoard



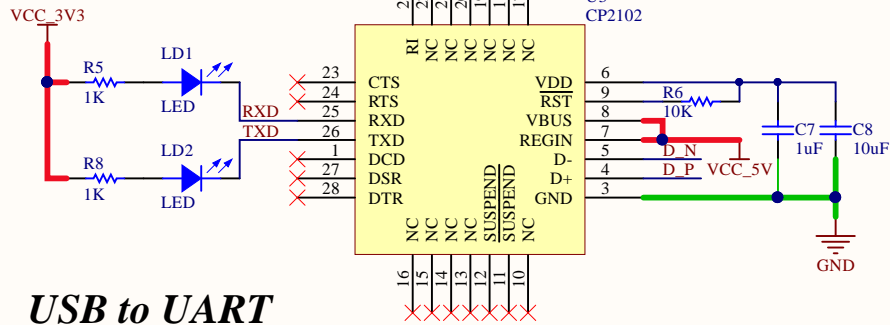
- MH1
Mounting Hole 3MM
- MH2
Mounting Hole 3MM
- MH3
Mounting Hole 3MM
- MH4
Mounting Hole 3MM

Title <i>Cyclone 10 LP</i> 核心板			Drawn By 闫金崑		
Size: A4	Number:1.	Revision:1.0	Company		
Date: 2019/8/28	Time: 16:43:10	Sheet1 of 4	西安电子科技大学		
File: E:\电路\Cyclone10LP_CoreBoard\Cyclone10LP_CoreBoard TOP.SchDoc					

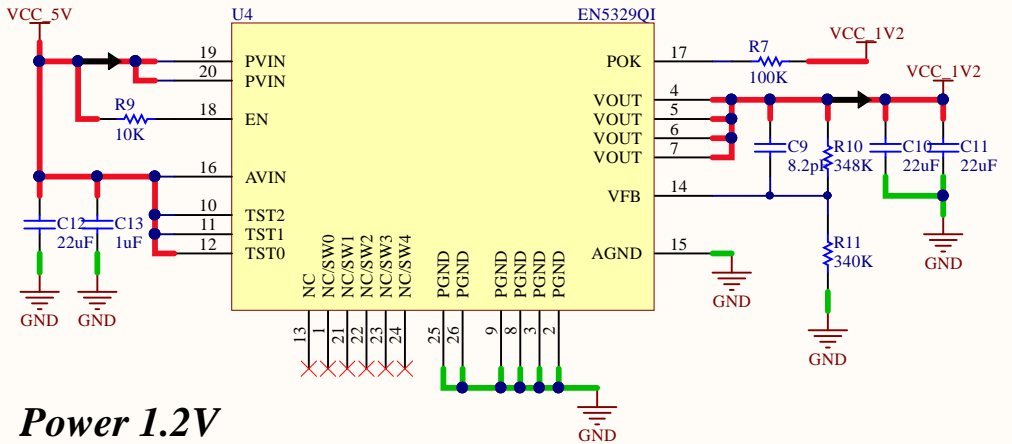
USB & Swich



Power 3.3V

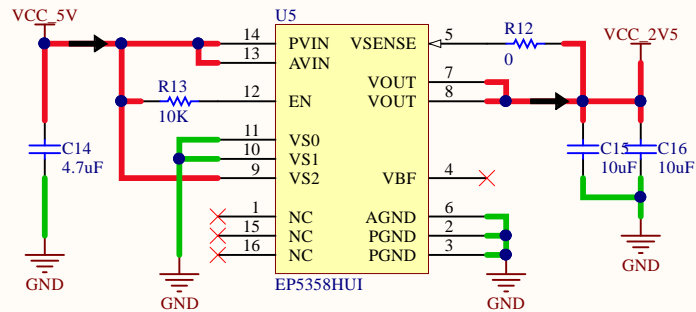


USB to UART

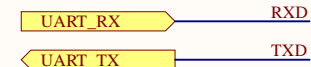


Power 1.2V

Power 2.5V



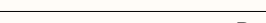
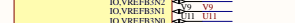
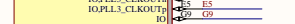
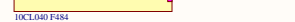
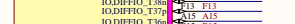
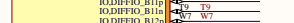
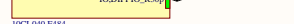
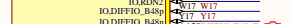
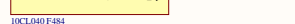
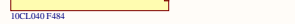
Port



Title Cyclone 10 LP 核心板			Drawn By 闫金奎
Size: A4	Number: 2.	Revision: 1.0	Company
Date: 2019/8/28	Time: 16:43:10	Sheet 2 of 4	西安电子科技大学
File: E:\电路\Cyclone10LP_CoreBoard\POWER.SchDoc			



U7A



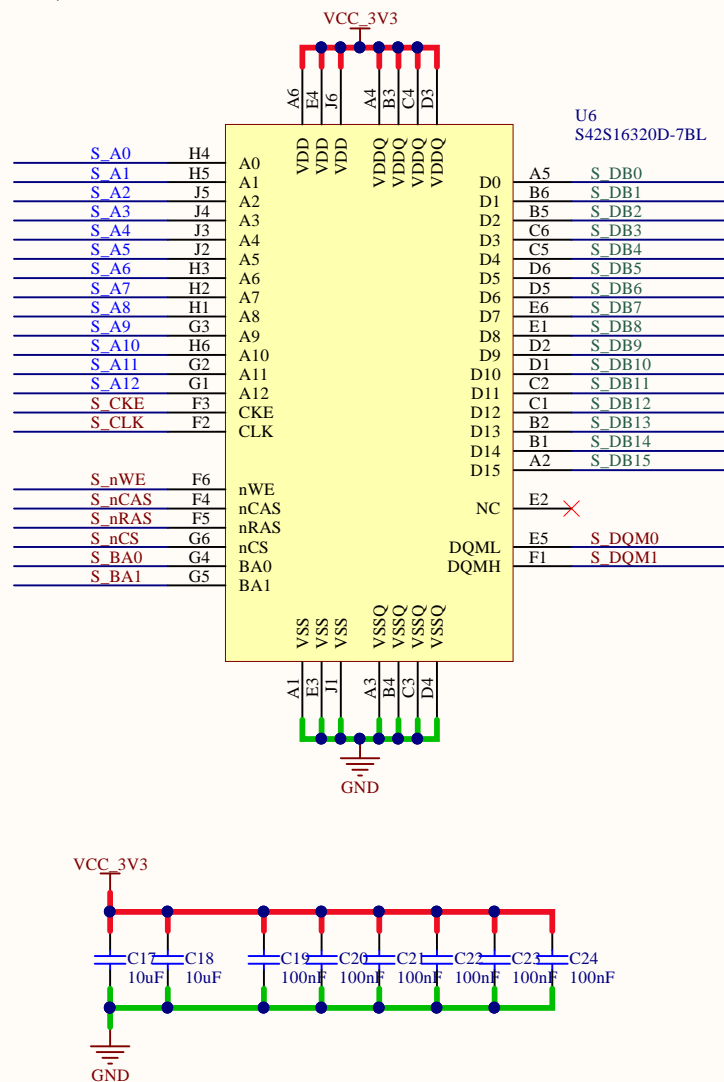
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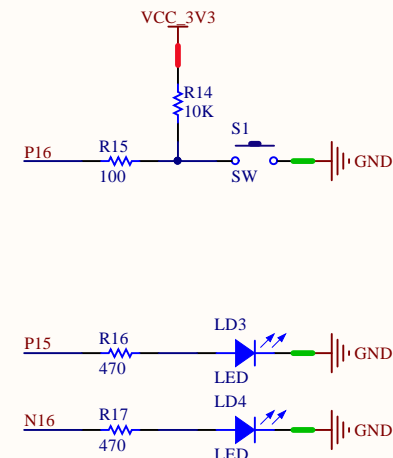
VCC_3V3



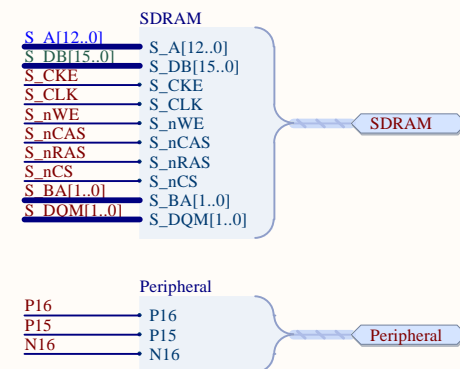
SDRAM

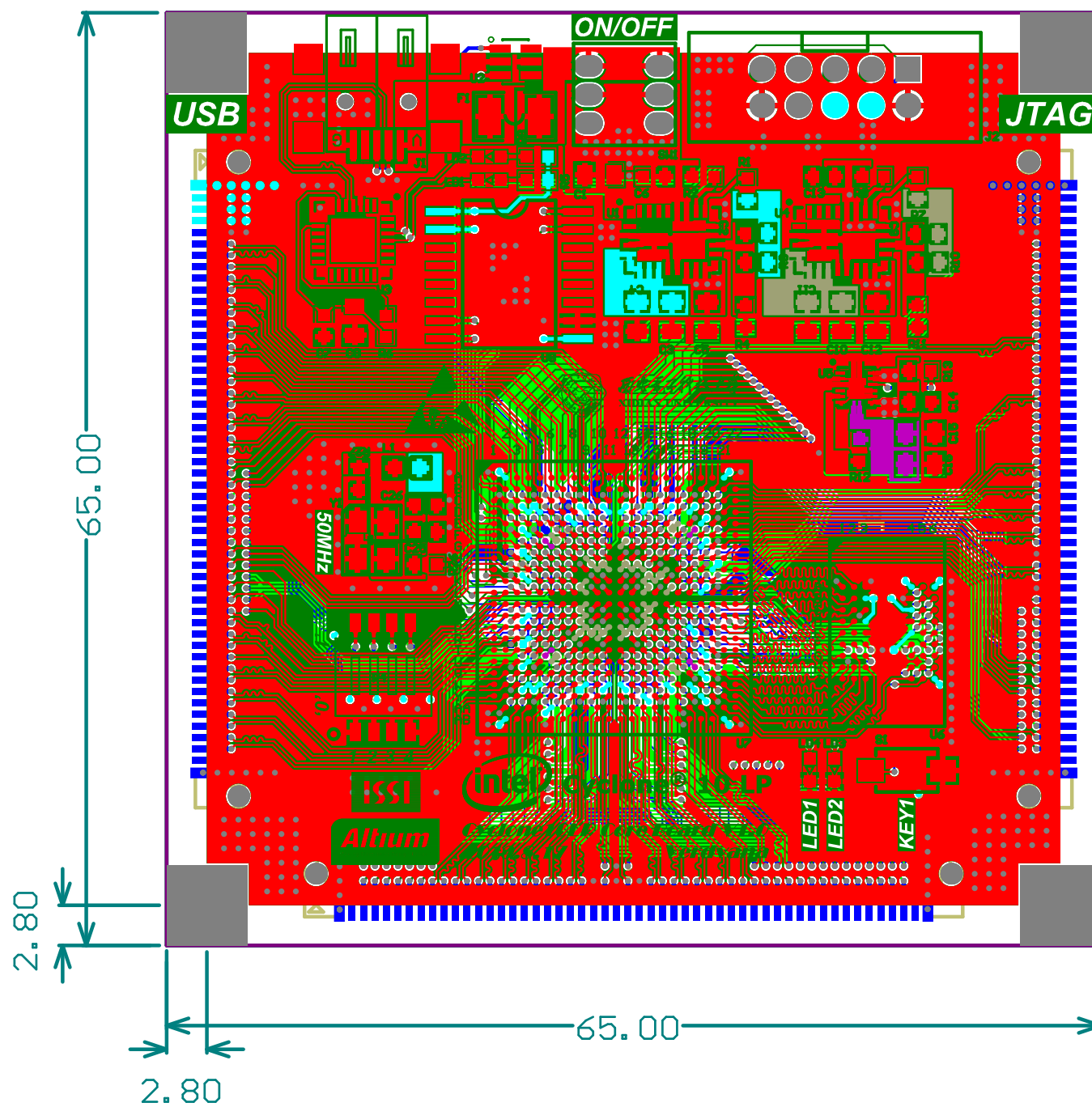


LED & Key



Port





TOP

SIG03

SIG04

BOTTOM

Comment	Description	Designator	Footprint	LibRef	Quantity
47uF	Capacitor	C1	C-0805	CAP	1
8.2pF	Capacitor	C2	C-0603	CAP	1
47uF	Capacitor	C3	C-0805	CAP	1
47uF	Capacitor	C4	C-0805	CAP	1
22uF	Capacitor	C5	C-0805	CAP	1
1uF	Capacitor	C6	C-0603	CAP	1
1uF	Capacitor	C7	C-0603	CAP	1
10uF	Capacitor	C8	C-0805	CAP	1
8.2pF	Capacitor	C9	C-0603	CAP	1
22uF	Capacitor	C10	C-0805	CAP	1
22uF	Capacitor	C11	C-0805	CAP	1
22uF	Capacitor	C12	C-0805	CAP	1
1uF	Capacitor	C13	C-0603	CAP	1
4.7uF	Capacitor	C14	C-0603	CAP	1
10uF	Capacitor	C15	C-0805	CAP	1
10uF	Capacitor	C16	C-0805	CAP	1
10uF	Capacitor	C17	C-0805	CAP	1
10uF	Capacitor	C18	C-0805	CAP	1
100nF	Capacitor	C19	C-0402	CAP	1
100nF	Capacitor	C20	C-0402	CAP	1
100nF	Capacitor	C21	C-0402	CAP	1
100nF	Capacitor	C22	C-0402	CAP	1
100nF	Capacitor	C23	C-0402	CAP	1
100nF	Capacitor	C24	C-0402	CAP	1
100nF	Capacitor	C25	C-0603	CAP	1
4.7uF	Capacitor	C26	C-0603	CAP	1
10uF	Capacitor	C27	C-0603	CAP	1
100nF	Capacitor	C28	C-0402	CAP	1
100nF	Capacitor	C29	C-0402	CAP	1
100nF	Capacitor	C30	C-0402	CAP	1
100nF	Capacitor	C31	C-0402	CAP	1
100nF	Capacitor	C32	C-0402	CAP	1
100nF	Capacitor	C33	C-0402	CAP	1
100nF	Capacitor	C34	C-0402	CAP	1
100nF	Capacitor	C35	C-0402	CAP	1
100nF	Capacitor	C36	C-0402	CAP	1
100nF	Capacitor	C37	C-0402	CAP	1
100nF	Capacitor	C38	C-0402	CAP	1
100nF	Capacitor	C39	C-0402	CAP	1
100nF	Capacitor	C40	C-0402	CAP	1
100nF	Capacitor	C41	C-0402	CAP	1
100nF	Capacitor	C42	C-0402	CAP	1
100nF	Capacitor	C43	C-0402	CAP	1
100nF	Capacitor	C44	C-0402	CAP	1
100nF	Capacitor	C45	C-0402	CAP	1
BAT54S	BAT54S	D1	SOT-23	BAT54S	1
BAT54S	BAT54S	D2	SOT-23	BAT54S	1
BAT54S	BAT54S	D3	SOT-23	BAT54S	1
BAT54S	BAT54S	D4	SOT-23	BAT54S	1
FUSE	FUSE	F1	FUSE-1210	FUSE	1
USB-MINI	USB-MINI	J1	USB-MINI	USB-MINI	1
JTAG_10PIN	JTAG_10PIN	J2	JTAG_10PIN	JTAG_10PIN	1
BEAD	LED	L1	L-0603	BEAD	1
LED	LED	LD1	LED-GREEN-0603	LED	1
LED	LED	LD2	LED-GREEN-0603	LED	1
LED	LED	LD3	LED-WHITE-0603	LED	1
LED	LED	LD4	LED-WHITE-0603	LED	1
LED	LED	LD5	LED-WHITE-0603	LED	1
Mounting Hole 3M	Mounting Hole 3M	MH1	MOUNT	Mounting Hole 3M	1
Mounting Hole 3M	Mounting Hole 3M	MH2	MOUNT	Mounting Hole 3M	1
Mounting Hole 3M	Mounting Hole 3M	MH3	MOUNT	Mounting Hole 3M	1
Mounting Hole 3M	Mounting Hole 3M	MH4	MOUNT	Mounting Hole 3M	1
Header 40X2	Header 40X2	P1	BTB-100 F	Header 50X2	1
Header 40X2	Header 40X2	P2	BTB-100 F	Header 50X2	1
Header 40X2	Header 40X2	P3	BTB-100 F	Header 50X2	1
SW-DIP08	SW-DIP08	P4	SW-00P08	SW-DIP08	1
10K	Potentiometer	R1	R-0603	RES	1
10K	Potentiometer	R2	R-0603	RES	1
348K	Potentiometer	R3	R-0603	RES	1
75.8K	Potentiometer	R4	R-0603	RES	1
1K	Potentiometer	R5	R-0603	RES	1
10K	Potentiometer	R6	R-0603	RES	1
100K	Potentiometer	R7	R-0603	RES	1
1K	Potentiometer	R8	R-0603	RES	1
10K	Potentiometer	R9	R-0603	RES	1
348K	Potentiometer	R10	R-0603	RES	1
340K	Potentiometer	R11	R-0603	RES	1
0	Potentiometer	R12	R-0603	RES	1
10K	Potentiometer	R13	R-0603	RES	1
10K	Potentiometer	R14	R-0603	RES	1
100	Potentiometer	R15	R-0603	RES	1
470	Potentiometer	R16	R-0603	RES	1
470	Potentiometer	R17	R-0603	RES	1
1K	Potentiometer	R18	R-0603	RES	1
10K	Potentiometer	R19	R-0603	RES	1
10K	Potentiometer	R20	R-0603	RES	1
10K	Potentiometer	R21	R-0603	RES	1
10K	Potentiometer	R22	R-0603	RES	1
10K	Potentiometer	R23	R-0603	RES	1
10K	Potentiometer	R24	R-0603	RES	1
10K	Potentiometer	R25	R-0603	RES	1
33R	Potentiometer	R26	R-0603	RES	1
10K	Potentiometer	R27	R-0603	RES	1
10K	Potentiometer	R28	R-0603	RES	1
10K	Potentiometer	R29	R-0603	RES	1
10K	Potentiometer	R30	R-0603	RES	1
10K	Potentiometer	R31	R-0603	RES	1
SW	Key	S1	KEY-SMD_3X4	KEY	1
Switch Self-locking	Switch Self-locking	SW1	SW7X7	Switch Self-locking	1
EN5339QI	Step-Down DC-DI	U1	QFN-24-6X4	EN5339QI	1
SRV05-4	過電流保護	U2	SOI-23-6	SRV05-4	1
CP2102	CP2102	U3	QFN-28	CP2102	1
EN5329QI	Step-Down DC-DI	U4	QFN-24-6X4	EN5329QI	1
EP5368HUI	Step-Down DC-DI	U5	QFN-16-2.5X2	EP5368HUI	1
TS423163200-78L	TS423163200-78L	U6	1TBGA-54	TS423163200-78L	1
10C1040 F484	Cyclone 10 LP 10C	U7	UBGA484	10C1040 F484	1
EPC564SI16N	EPC564SI16N	U8	SOIC-16	EPC564	1
XTAL	XTAL-50M	Y1	XTAL-3225	XTAL-50M	1