

chips

refnum	pcs	name	package	description, analogs
D1	1	SL811HST-AXC	LQFP48	74ACT125
D2	1	W5300	QFP100	
D3	1	74HCT125	SO14	
D4	1	74LVC1G08DBV	SOT23-5	
D5	1	MIC2025-YM	SO8	
DA1	1	LM1117D33	DPAK	
U1	1	EPM3064ATC100	QFP100	

transistors, diodes

refnum	pcs	name	package	description, analogs
VT1-VT3	3	IRLML6402	SOT23	
VT4,VT5	2	BC847	SOT23	
VD4,VD5	2	3.5mm LED		

quartz

refnum	pcs	name	package	description, analogs
Q1	1	12MHz quartz		
Q2	2	25MHz quartz		

ferrits

refnum	pcs	name	package	description, analogs
L1	1	10uH ferrit	CDR64B	>1 Ohm resistance
L2,L3	2	1uH smd ferrit	SMD 805, 1206	>1 Ohm resistance

fuse

refnum	pcs	name	package	description, analogs
F1	1	0.5A fuse (USB)	SMD 1210	

capacitors

refnum	pcs	name	package	description, analogs
C20,C21	2	13pF	SMD 805, 1206	Tantalum or alluminum capacitor
C1,C2	2	22pF	SMD 805, 1206	
C3-C5,C7,C9, C11,C14-C19, C22,C25-C32	21	0.1uF	SMD 805, 1206	
C8,C10,C12, C13,C23,C24	6	10uF	SMD TypeA	
C6	1	100uF	SMD TypeB	

resistors

refnum	pcs	name	package	description, analogs
R2,R3	2	33	SMD 805, 1206	
R11-R14	4	49.9	SMD 805, 1206	
R8-R10,R22,R23	5	330	SMD 805, 1206	
R24,R31	2	1.5K	SMD 805, 1206	
R7	1	12K	SMD 805, 1206	
R4,R5,R15-R17, R20,R21,R25, R28,R29	10	15K	SMD 805, 1206	
R1,R6,R27,R30	4	1M	SMD 805, 1206	

connectors

refnum	pcs	name	package	description, analogs
J1-J3	3	2pin 2.54mm line	PLS-2	Jumper
RJ1	1	J0011D21B (Pulse)	RJ-45	J00-0065NL (Pulse), HR911105H (Hanrun), 5-1840406-8 (TE)
USB1	1	USBA-1J	USBA-1J	USB
X1	1	IDC-10M	IDC-10M	Altera JTAG
X2	1	5pin 2.54mm line	PLS-5	USB
XS2	1	IDC-30	IDC-30	ZXBUS