

XK-1 BOM, RevB, Revised: Tuesday, February 23rd, 2010

Item No.	Quantity	Reference	Part	Package	Stock No	Stockist		
1	2	BUTTON_1,BUTTON_2	SMSWITCH	SMD Switch	3801305	Farnell		
2	1	C1	MLCC 1uF X5R 0402 6.3V	0402	GENERIC			
3	2	C3,C9	MLCC 2.2uF X5R 0402 6.3V	0402	GENERIC			
4	2	C10,C21	MLCC 4.7uF X5R 0402 4V	0402	GENERIC			
5	14	C4,C5,C6,C7,C8,C11,C12,C13,C14,C15,C16,C17,C19,C20	MLCC 100nF X5R 0402 16V	0402	GENERIC			
6	1	C18	MLCC 22pF COG 0402 50V	0402	GENERIC			
7	1	C2	MLCC 100nF X5R 0603 16V	0603	GENERIC			
8	1	C22	MLCC 47nF X5R 0603 16V	0603	GENERIC			
9	2	IOB,IOA	DHEADER16	DHEADER16	961208-5604-AR-ND	Digikey		
10	1	JTAGIN(PLUG)	DHEADER20	DHEADER20	302-R-20-D1R1	TOBY		
11	1	JTAGOUT(SKT)	DHEADER20	DHEADER20	S9205-ND	Digikey	Alternative Toby B07a-20-AGA1-G	Note: To be fitted to top side of PCB.
12	4	LED1,LED2,LED3,LED0	LED 0603 Yellow	0603	1581246	Farnell		
13	1	L1	MURATA LQH32CN2R2M33L	DISC/.350x.175/LS.200	9522182	Farnell		
14	1	R1	RES 4.7R 0603 1%	0603	GENERIC			
15	1	R2	RES 150k 0603 1%	0603	GENERIC			
16	1	R3	RES 220k 0603 1%	0603	GENERIC			
17	9	R4,R5,R6,R7,R13,R14,R17,R18,R19	RES 47k 0603 1%	0603	GENERIC			
18	5	R8,R9,R10,R11,R15	RES 1k 0603 1%	0603	GENERIC			
19	1	R12	RES 33R 0603 1%	0603	GENERIC			
20	1	TR2	NTR4101P	SOT23	1431303	Farnell		
21	1	U1	XMOS XS1-L1-128	TQFP128		XMOS		
22	1	U2	AT25FS010N-SH27	SOIC8	1715447	Farnell		
23	1	U3	NCP699SN33T1G	SOT23-5	NCP699SN33T1GOSCT-ND	Digikey		
24	1	U4	ON SEMICONDUCTOR NCP1521BSNT1G	TSOP-5	1432258	Farnell		
25	1	U5	EPSON TOYOCOM SG-310 SCF C 20.0MHZ	SMDCLOCK	1278064	Farnell		
26	1	U6	Fairchild NC7SZ157P6X	6 lead SC70	NC7SZ157P6XCT-ND	Digikey		
27	2	U7,U8	Fairchild NC7WZ17P6X	6 lead SC70	NC7WZ17P6XCT-ND	Digikey		
28	1	5VDCIN	DC In Jack	DCINSMD	CP-014DPJCT-ND	Digikey		