

Bill of Material for acex.Bom

Used	Part	Type	Desi gnat or	Foot print	Descr i pt i on
1	0		R17	0603	
1	0R45		FB1	0805	
4	1k		R1 R3 R4	0603	
5	3k3		R5	0603	
1	3k3		R15 R16	0603	
2	10k		R21 R25	0603	
5	10uF		R34	0603	
1			R38	AXIAL0.3	
2			R2 R23	0603	
5			C14 C15	1206	
1			C16 C17		
1			C23		
1	10uF		C22	RB. 1/. 2	
1	14. 18MHz		X1	XTAL1	
2	22pF		C24 C25	0603	
1	33R		R6	AXIAL0.3	
1	74LS393		U12	DIP-14	
3	75R		R31 R32	0603	
15	100nF		R33	0603	
1			C1 C2 C3		
1			C4 C5 C6		
1			C7 C8 C10		
1			C12 C13		
1			C18 C19		
1			C20 C21		
1	150R		R35	AXIAL0.3	
1	330nF		C11	0603	
1	430R		R9	0603	
2	470R		R36 R37	0603	
1	512Kx8-3.3V-SQJ36		U4	SQJ36	FAST SRAM 512k x 8
1	ALTERA EP1K50TC144-3		U2	Q144-05	ALTERA ACEX1K FPGA TQFP144
1	ATMEGA48		U11	TQFP32-08	Atmel AVR 8bit - Mega Family
1	AUX		J3	SIP4	Connect or
1	CLK		J6	SIP4	Connect or
1	CON8		J1	HDR2x4	Connect or
1	F74LXC245		U7	TSSOP20	
1	HEADER 20X2		J5	HDR2X20	
1	I SP6PIN		J2	HDR2X3	
2	LED		D1 D2	0603	
1	LM1117-2.5		U9	SOT223	
1	LM1117-3.3		U8	SOT223	
1	MC74LCX574		U6	TSSOP20	OCTAL D-TYPE EDGE-TRIGGERED FF 3SC
1	RGB		J4	SIP5	Connect or
1	SN74LVC138		U1	SO16	3-8LINE DEC/DEMUX
1	ST25P10		U10		
1	THS8134B		U3	THS813x	THS8134B (THS8133 8-bit mode) VIDEO DAC
1	nc		R18	0603	