

SBC6120 Parts List

LOC	MANUFACTURER	P/N	SUPPLIER	STOCK	QTY DESCRIPTION
U4	Atmel	ATF16V8B15PC	Arrow		1 CMOS PLD (Flash)
U12, U11	Atmel	ATF22V10B15PC	Arrow		2 CMOS PLD (Flash)
J4	Comm Con	1184-50G2	Comm Con		1 50 pin female header
U1	CTS Reeves	MXO45HS-2C-5000	Digi-Key	CTX157-ND	1 5.0000 MHz half size clock oscillator
U23	CTS Reeves	MXO45HS-2C-4915	Digi-Key	CTX156-ND	1 4.9152 MHz half size clock oscillator
D2	Dialight	555-4403	Digi-Key	350-1371-ND	1 Quad LED indicator with integral resistors
J3	3M	2510-5002	Digi-Key	MHD10K-ND	1 10 pin low profile right angle shrouded header
J2	3M	2540-5002	Digi-Key	MHD40K-ND	1 40 pin low profile right angle shrouded header
F1	Littelfuse	473.500	Digi-Key	F1200CT-ND	1 0.5A picofuse
U9, U10		27C64	Jameco	39845	2 8K x 8 CMOS EPROM (250ns)
U16		HD6402	Jameco	43158	1 CMOS UART
U17	Maxim	MAX232CPE	Jameco	24811	1 Dual +5V only RS-232 transmitter/receiver
U18		82C55A-5	Jameco	52425	1 CMOS Programmable Peripheral Interface (5MHz)
D1		1N4734	Jameco	178790	1 6.0V 500mW DO-41 Zener diode
S1	C&K	TP11-SH8-ABE	Jameco	71642	1 PC mount right angle push button switch
C37			Jameco	94123	1 47uF 25V radial lead tantalum capacitor
C32, C31, C30, C29			Jameco	154860	4 1uF 25V radial lead tantalum capacitor
J1	Molex	15-24-4041	Jameco	117567	1 4 pin right angle header (disk drive power connector)
			Jameco	39386	2 Machined pin DIP sockets (22V10)
			Jameco	38623	1 Machined pin DIP socket (16V8)
			Jameco	40328	2 Machined pin DIP sockets (27C64)
			Jameco	41136	1 Machined pin DIP socket (HD-6120)
J14, J13, J12, J11, J10			Jameco	SMH02	5 2 pin header (jumper)
U3, U2		74HC373	JDR		2 Octal D latch
U13		74HC365	JDR		1 Hex tri-state buffer
U14		74HC245	JDR		1 Octal tri-state buffer
U15		74HC4040	JDR		1 12 stage binary ripple counter
U19		74HC05	JDR		1 Hex inverter with open drain outputs
U22, U20		74HC74	JDR		2 Dual D flip-flop
U21		74HC175	JDR		1 Hex D flip-flop
U24		74HC04	JDR		1 Hex inverter
U99	Dallas Semi	DS1233D	JDR		1 5V EconoReset
		SBC6120-2D	Spare Time Gizmos		1 SBC6120 Model 2 REV D PC Board

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U5	Harris	HD6120			1 12 bit microprocessor
U8, U7, U6	Hitachi	HM6208HP			3 64K x 4 static RAM
C20, C19, C18, C17, C16, C15, C14, C13, C12, C11, C10, C9, C8, C7, C6, C5, C4, C3, C2, C1					20 0.1uF 50V mono ceramic capacitor (0.1" lead spacing)
R10, R9, R8, R7, R5, R4, R3, R2, R1					9 10K 5% 1/8W carbon resistor
R6					1 4.7K 5% 1/8W carbon resistor