

Label	Description	MFG	MFG PN	Vendor	Ven PN	QTY	Cost Ea	Extended
D1-D28	LED: T1 3/4, 5mm, Round, Red-Diffused	Kingbright	WP7113LID	DigiKey	754-1266-ND	28	\$ 0.34	\$ 9.52
U1, U2	IC: 74HC373, D-Type Transparent Latch, 20-Pin DIP	Texas Instruments	SN74HC373AN	DigiKey	296-11674-5-ND	2	\$ 0.82	\$ 1.64
U3, U4	IC: 74HC174, FLIP-FLOP D-Type, 6-Bit 16-pin DIP	Texas Instruments	SN74HC174N	DigiKey	296-1579-5-ND	2	\$ 1.55	\$ 3.10
U5, U6, U9, U10	IC: 74HC366, Buffer Invert , 16-Pin DIP	Texas Instruments	CD74HC366E	DigiKey	296-33070-5-ND	4	\$ 0.91	\$ 3.64
U7	IC: 22V10, PLD 10 Microcells, 15ns, 24-Pin DIP	Microchip Technology	ATF22V10C-15PU	DigiKey	ATF22V10C-15PU-ND	1	\$ 2.26	\$ 2.26
U8	IC: ICM7555, OSC Single Timmer 1MHz, 8-Pin DIP	Renesas Electronics Corporation	ICM7555IPAZ	DigiKey	ICM7555IPAZ-ND	1	\$ 0.93	\$ 0.93
U11	IC: 74HC74, Dual Flop-Flop, D-Type, 14-Pin DIP	Texas Instruments	SN74HC74N	DigiKey	296-1602-5-ND	1	\$ 1.00	\$ 1.00
U12	IC: 74HC05, Inverter 6-Channel, 1-Input, 14-Pin DIP	Texas Instruments	SN74HC05N	DigiKey	296-1568-5-ND	1	\$ 0.63	\$ 0.63
U13	IC: 16V8, PLD, 8Microcells, 15ns, 20-Pin DIP	Microchip Technology	ATF16V8B-15PU	DigiKey	ATF16V8B-15PU-ND	1	\$ 1.22	\$ 1.22
R1-R28	Resistor: 560-ohm, 5%, 1/4W, Carbon Film, Axial	Stackpole Electronics Inc	CF14JT560R	DigiKey	CF14JT560RCT-ND	28	\$ 0.10	\$ 2.80
R29, R31	Resistor: 4.7K, 5%, 1/4W, Carbon Film, Axial	Stackpole Electronics Inc	CF14JT4K70	DigiKey	CF14JT4K70CT-ND	1	\$ 0.10	\$ 0.10
R30, R32	Resistor: 10K, 5%, 1/4W, Carbon Film, Axial	Stackpole Electronics Inc	CF14JT10K0	DigiKey	CF14JT10K0CT-ND	1	\$ 0.10	\$ 0.10
R33	Resistor: 10K, 1%, 1/4W, Carbon Film, Axial	Yageo	MFR-25FBF52-10K	DigiKey	10.0KXBK-ND	1	\$ 0.10	\$ 0.10
R34	Resistor: 17.4K, 1%, 1/4W, Carbon Film, Axial	Yageo	MFR-25FBF52-17K4	DigiKey	17.4KXBK-ND	1	\$ 0.10	\$ 0.10
C1-C7, C9-C13	Capacitor: 0.1uF, Ceramic, 50-Volt, Z5U, Radial	Kemet	C315C104M5U5TA	DigiKey	399-4151-ND	12	\$ 0.32	\$ 3.84
C14	Capacitor: 1uF Ceramic, 50-Volt, Z5U, Radial	KYOCERA AVX	SR205E105MAR	DigiKey	478-7667-ND	1	\$ 1.01	\$ 1.01
C15	Capacitor: 0.01uF, Ceramic, 50-Volt, Z5U, Radial	Kemet	C315C103M5U5TA	DigiKey	399-4150-ND	1	\$ 0.23	\$ 0.23
C16	Capacitor: 22uF, Tantalum, 20%, 16-Volt, Radial	KYOCERA AVX	TAP226M016SCS	DigiKey	478-8831-ND	1	\$ 1.29	\$ 1.29
RN5-RN8	Resistor Network: 4.7K x 6 , 2%, 7-Pin SIP	Bourns Inc.	4607X-101-472LF	DigiKey	4607X-101-472LF-ND	4	\$ 0.50	\$ 2.00
SW1-SW12, SW21	Switch: On-Off toggle, SPDT, 0.4va (AC/DC) 20 Volt	C&K Switches	7101J2V6BE1 or 7101J2V6QE1	Mouser Electronics	611-7101J2V6BE1	13	\$ 12.91	\$ 167.83
SW13-SW19	Switch: On-Off momentaroy, SPDT, 0.4VA (AC/DC) 20 Volt	C&K Switches	7108-J2V6BE1 or 7107J2V6QE1	Mouser Electronics	611-7108J2V6QE2	7	\$ 13.35	\$ 93.45
SW20	Rotary Switch: 4-possion x 3	Lorlin	CK1056	Mouser Electronics	10WA346	1	\$ 7.04	\$ 7.04
J1	Header: 50-pin	Samtec Inc.	DW-25-09-L-D-300	DigiKey	DW-25-09-L-D-300-ND	1	\$ 9.54	\$ 9.54
J2-J4	2-Pin, Right Angle	TE Connectivity AMP Connectors	640457-2	DigiKey	A1926-ND	2	\$ 0.17	\$ 0.34
J5	J5 - Note: A short 2-pin cable will be soldered at J5 with a 2-pin connector at the other end. Connector will be plugged in to SBC6120 board.	User Built	NA	NA	NA	1	\$ -	\$ -
JP1, JP2	Header: 2-pin x 2.54mm	3M	961102-6404-AR	DigiKey	3M9457-02-ND	2	\$ 0.28	\$ 0.56
JP1, JP2	Jumper Socket: 2.54mm, Open Top, Black	Harwin Inc.	M7582-05	DigiKey	952-2881-ND	2	\$ 0.21	\$ 0.42
PCB	Front Panel PCB	DTR	FP6120DTR	DTR	FP6120DTR	1	\$ 18.00	\$ 18.00
Parts Total:							\$ 323.17	