Integrated Circuits:

Qty	Part #	Description	Component	Manufacturer	Manufacturer #	Vendor	Vendor #
1	CDP1854	UART	U1	Harris	CDP1854ACE	Ebay	Various
1	MAX232	RS-232 Transceiver	U2	Texas Ins	MAX232N	Digikey	296-1402-5-ND
2	CDP1855	8-Bit Prog Multiply/Divide	U3,U4	Harris	CDP1855CE	Ebay	Various
1	74HC174	Hex D-Type Flip-Flop	U5	Harris	CD74HC174E	Digikey	2156-CD74HC174E-HC-ND
1	74HC365	Hex Bus Drivers	U6	Texas Ins	SN74HC365N	Digikey	296-8304-5-ND
1	ATF22V10	EE PLD	U7	Microchip	ATF22V10C-10PU	Digikey	ATF22V10C-10PU-ND
1	CDP1878	Dual Counter Timer	U8	Harris	CDP1878CE	Ebay	Various
1	CDP1851	Prog I/O	U9	Harris	CDP1851E	Ebay	Various
3	74HC04	Hex Inverter	U10,U13,U17	Texas Ins	SN74HC04N	Digikey	296-1566-5-ND
2	74HC125	Quad Tri-State Buffers	U11,U12	Texas Ins	SN74HC125N	Digikey	296-1572-5-ND
2	74HC245	Octal Bus Transceiver	U14,U15	Toshiba	TC74HC245APF	Digikey	TC74HC245APF-ND
1	AY-3-8912	Sound Synthesizer	U16	General Ins	AY-3-8912A	Ebay	Various

Discrete Components:

Qty	Part #	Description	Component	Manufacturer	Manufacturer #	Vendor	Vendor #
5	10k Ohms	Resistor, 5%, 1/8 Watt, Axial	R1,R2,R4,R5,R10	Stackpole	CF18JT10K0	Digikey	CF18JT10K0CT-ND
1	560 Ohms	Resistor, 5%, 1/8 Watt, Axial	R3	Stackpole	CF18JT560R	Digikey	CF18JT560RCT-ND
3	1k Ohms	Resistor, 5%, 1/8 Watt, Axial	R6,R9,R11	Stackpole	CF18JT1K00	Digikey	CF18JT1K00CT-ND
2	2.2k Ohms	Resistor, 5%, 1/8 Watt, Axial	R7,R8	Stackpole	CF18JT2K20	Digikey	CF18JT2K20CT-ND
2	10k x 9 RP	9 Resistor Array, 10K, SIP	RP1,RP2	Bourns	4610X-AP1-103LF	Digikey	4610X-AP1-103LFCT-ND
4	1uF	Capacitor, Tantalum, 35V, Radial	C1,C2,C3,C4	Kyocera	TAP105K025SRW	Digikey	478-12959-1-ND
1	10uF	Capacitor, Tantalum, 16V	C5	Kyocera	TAP106K016SCS	Digikey	478-1839-ND
2	100uF	Capacitor, Tantalum, 16V	C6,C7	Kyocera	TAP107K020CCS	Digikey	478-1847-ND
16	0.1uF	Capacitor, Ceramic Mono, 0.1"	C10-C25	Kemet	C320C104K5R5TA	Digikey	399-4264-ND
1	LED	LED, Green 3mm	LED1	Lumex	SSL-LX3044PGD	Digikey	67-1073-ND

Sockets, Switches and Connectors

Qty	Part #	Description	Component	Manufacturer	Manufacturer #	Vendor	Vendor #
5	DIP-14, 0.3"	DIP socket 14 pin 0.3"	U10,U11,U12,U13,U17	On Shore	ED14DT	Digikey	ED3045-5-ND
3	DIP-16, 0.3"	DIP socket 16 pin 0.3"	U2,U5,U6	On Shore	ED16DT	Digikey	ED3046-5-ND
2	DIP-20, 0.3"	DIP socket 20 pin 0.3"	U14,U15	On Shore	ED20DT	Digikey	ED3054-5-ND
1	DIP-24, 0.3"	DIP socket 24 pin 0.3"	U7	On Shore	ED241DT	Digikey	ED3049-5-ND
4	DIP-28, 0.6"	DIP socket 28 pin 0.6"	U3,U4,U8,U16	On Shore	ED28DT	Digikey	ED3052-5-ND
2	DIP-40, 0.6"	DIP socket 40 pin 0.6"	U1,U9	On Shore	ED40DT	Digikey	ED3048-5-ND
1	BUS	2x25,50 Pin,Female,Shrouded Header	J1	Sullins	PPTC252LFBN-RC	Digikey	S7093-ND
1	SLU1	2x5,10 Pin, Male,Shrouded Header	J2	Sullins	SBH11-PBPC-D05-ST-BK	Digikey	S9169-ND
1	PARALLEL	2x13,26 Pin, Male,Shrouded Header	J3	Sullins	SBH11-PBPC-D13-ST-BK	Digikey	S9173-ND
1	TIMER	2x7,14 Pin,Male,Shrouded Header	J4	Sullins	SBH11-PBPC-D07-ST-BK	Digikey	S9170-ND
1	AUDIO	Audio Jack Stereo (TRS), 3.5mm,R/A	J5	CUI	SJ1-3535NG	Digikey	CP1-3535NG-ND