

Note: Part numbers, manufacturers, and vendors are typical of what is supplied. Substitutions may be made based on availability at time of ordering.

FRONT PANEL

<u>Qty</u>	<u>Description</u>		<u>Manufacturer</u>	<u>Manufacturer #</u>	<u>Vendor</u>	<u>Vendor #</u>
<u>Integrated Circuits</u>						
1	CD4001	U2	TI	CD4001BE	Digikey	296-2028-ND
1	CD4011	U4	TI	CD4011BE	Digikey	296-2031-ND
2	CD4013	U7-8	TI	CD4013BE	Digikey	296-2033-5-ND
1	CD40240 (or 74C240 or 74HC240)	U1	TI	SN74HC240N	Digikey	296-1580-5-ND
3	CD40244 (or 74C244 or 74HC244)	U6	TI	SN74HC244N	Digikey	296-1582-5-ND
1	CD4071	U3	TI	CD4071BE	Digikey	296-2062-ND
6	Seven segment hex display	DIS1-6	TI	TIL311	eBay	302740853622
<u>Discrete Components</u>						
1	Resistor 1/4 watt 4.7K	R1	Stackpole	CF14JT4K70	Digikey	CF14JT4K70CT-ND
3	Resistor 1/4 watt 47K	R2-4	Stackpole	CF14JT47K0	Digikey	CF14JT47K0CT-ND
6	Diode 1N4148	D1-6	ON Semi	1N4148	Digikey	1N4148FS-ND
4	Ceramic capacitor 0.1uF radial 0.2"	CC1-4	Valuepro	SR215C104KAA	Jameco	544921
<u>Input Switches</u>						
11	SPDT toggle switch 0.185" spacing	SW2-12	Valuepro	T101T1B1A1	Jameco	2135857
1	SPDT push button 0.185" spacing	SW1	Valuepro	A101-RD	Jameco	28063
<u>Interconnect and Mechanical</u>						
3	Straight header 3 pins 0.1"		Sullins	PREC003SAAN-RC	Digikey	S1012EC-03-ND
3	Jumper shunts 0.1"		Sullins	STC02SYAN	Digikey	S9000-ND
4	0.5 inch standoff spacer		RAF	4505-440-AL-7	Jameco	393474
<u>Integrated Circuit Sockets</u>						
4	DIP socket 20 pin 0.3"		On Shore	ED20DT	Digikey	ED3054-5-ND
11	DIP socket 14 pin 0.3"		On Shore	ED14DT	Digikey	ED3045-5-ND
<u>Circuit Board and Expansion</u>						
1	Circuit Board		Madole		JLPCB	
1	Socket 39 pin 0.1" short tail		Samtec	SSQ-139-01-T-S	Digikey	SAM1184-39-ND