

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

BACKPLANE

<u>Qty</u>	<u>Description</u>		<u>Manufacturer</u>	<u>Manufacturer #</u>	<u>Vendor</u>	<u>Vendor #</u>
<u>Integrated Circuits</u>						
1	CD4049	U1	TI	CD4049UBE	Digikey	296-2055-5-ND
<u>Discrete Components</u>						
5	Resistor 1/4 watt 4.7K	R1-6	Stackpole	CF14JT4K70	Digikey	CF14JT4K70CT-ND
2	Diode 1N4148	D1-2	ON Semi	1N4148	Digikey	1N4148FS-ND
6	Tantalum capacitor 10uF radial 0.1"	C1-6	AVX	TAP106K010SCS	Digikey	478-1838-ND
<u>Interconnect and Mechanical</u>						
1	Straight header 4 pins 0.1"		Sullins	PREC003SAAN-RC	Digikey	S1012EC-03-ND
1	Mini-USB receptable AB		Molex	565790519	Digikey	WM17121-ND
1	2.1mm barrel jack		CUI	PJ-102AH	Digikey	CP-102AH-ND
<u>Input Switches</u>						
1	SPDT push button 0.1" spacing		E-Switch	800CSP1B6M6QE	Mouser	612-800CSP1B6M6QE
2	SPDT push button 0.1" spacing		E-Switch	800SP8B7M6QE	Mouser	612-800-B761
3	Switch cap, black		E-Switch	800C2BLKCAP	Mouser	612-800C2BLKCAP
<u>Integrated Circuit Sockets</u>						
1	DIP socket 16 pin 0.3"	U1	On Shore	ED16DT	Digikey	ED3046-5-ND
<u>Circuit Board and Expansion</u>						
1	Circuit Board		Madole		JLPCB	
7	Socket 39 pin 0.1" short tail		Samtec	SSQ-139-01-T-S	Digikey	SAM1184-39-ND