

I have?	I Need?	Ref	Value	BOM Qty	OrderQty	Part_No	Each	Src	Footprint	Info
		C101	33 uF, 25 Volt 10% Radial Tantalum	1	1	2044074	\$ 2.59	Jameco	C1V5	
		C102	1 uF, 35 Volt, 10% Radial Tantalum	1	1	33662	\$ 0.39	Jameco	C1V5	
		C103, C104, C105, C106, C107, C108, C109, C110, C111, C112, C113, C114, C115, C116, C117, C118, C119, C120, C121, C122, C123, C124, C125, C126, C127, C128, C129, C130, C131	0.1 uF, 50 Volt, Monolithic X7R, 10% Radial	29	30	767658	\$ 0.07	Jameco	C2	multiples of 30
		D104	1N4001, 50 Volt 1 Amp Silicon Rectifier Diode	1	10	35975	\$ 0.05	Jameco	D5	multiples of 10
		D103, D105, D106, D109, D110, D111	LED, Red Diffused T1 3/4, 19mcd 635nm	6	10	697522	\$ 0.09	Jameco	LEDV	multiples of 10
		D108, D112	LED, Yellow Diffused T-1 3/4, 29mcd 585nm	2	10	697549	\$ 0.09	Jameco	LEDV	multiples of 10
		D102, D107	LED, Green T-1 3/4, 25mcd 565nm	2	10	333227	\$ 0.10	Jameco	LEDV	multiples of 10
		D101	LED, Blue, T-1 3/4, 50mcd, 468nm	1	1	2006764	\$ 0.69	Jameco	LEDV	
		DIS101, DIS102, DIS103, DIS104, DIS105, DIS106	TIL-311, HEXADECIMAL DISPLAY WITH LOGIC, DISPLAY 4-BIT BINARY DATA	6				UTSource or ACP Surplus	14dip300	
		JP101, JP102, JP103	JUMPER, 2 Position, Unshrouded Header 2.54mm Solder Straight	3		68339	\$ 0.49	Jameco	SIL-2	order 36 Pin strip
		K101, K102, K103, K104, K105, K106, K107, K108, K109, K110	Jumper, 3 Position, Unshrouded Header 2.54mm Solder Straight	10		68339	\$ 0.49	Jameco	SIL-3	order 36 Pin strip
		P101, P104, P105	Header, 40 Pin (2x20), Right Angle, Shrouded Header, .100" LS	3	3	517-N2540-5002RB	\$ 3.10	Mouser	PIN_ARRAY_20X2	
		P107	Jumper, 5 Position, Unshrouded Header 2.54mm Solder Straight	1		68339	\$ 0.49	Jameco	PIN_ARRAY_5x1	order 36 Pin strip
		R102, R104	1.1K Ohm 5% 1/4W	2	100	690873	\$ 0.04	Jameco	R3	multiples of 100
		R101, R103, R105, R106, R107, R108, R109, R110, R111, R112, R113, R114, R115, R116, R117	470 Ohm 5% 1/4W	15	100	690785	\$ 0.04	Jameco	R3	multiples of 100
		R118	1K Ohm 5% 1/4W	1	100	690865	\$ 0.04	Jameco	R3*	multiples of 100
		RR101	1K Ohm SIP 10pin, 9 Resistors	1	1	97877	\$ 0.17	Jameco	r_pack9	
		SW101	DIP Switch, 2-Pos, On-Off, SPST, Raised Rocker	1	1	109059	\$ 0.75	Jameco	DIPS-DS02	
		SW102	DIP Switch, 8-Pos, On-Off, SPST, Raised Rocker	1	1	696917	\$ 1.39	Jameco	16dip300	
		U101	LM323K Regulator 5 Volt 3 Amp TO-3	1	1	23667	\$ 4.75	Jameco	TO3	
		U101	Heat Sink Passive TO-3 (for LM323)	1	1	189835	\$ 1.29	Jameco	TO3	
		U101 or Vol_Reg101	Screw, 6-32, 3/8" Phillips (for LM323 or D24V25F5)	2						
		U101 or Vol_Reg101	NUT, HEX, 6-32 (for LM323 or D24V25F5)	2						
		Vol_Reg101	D24V25F5 (Alternate for LM323 at U101) Pololu 5V 2.5A Step-Down Voltage Regulator	1	1	D24V25F5	\$ 10.95	Pololu	PIN_ARRAY_5x1	
		U118	L7805CV 5 Volt 1.5 Amp, TO-220 (Alternate for LM323 at U101)	1	1	924633	\$ 0.45	Jameco	LM78XX	
		U118	Heat Sink Passive TO-220 (for LM7805)	1	1	129242	\$ 0.65	Jameco		
		U118	Screw, 6-32, 3/8" Phillips (for LM7805)	1						
		U118	NUT, HEX, 6-32 (for LM7805)	1						
		IC101	74LS06N	1	1	46359	\$ 0.75	Jameco	14dip300	
		U102, U103	GAL22V10-15 (or PALCE22V10)	2	2	39159	\$ 3.75	Jameco	24dip300	
		U104, U105	74LS244	2	2	47183	\$ 0.65	Jameco	20dip300	
		U106	74LS01	1					14dip300	
		U107	74LS165	1	1	46877	\$ 0.65	Jameco	16dip300	

	U108, U117	74LS373	2	2	47600	\$ 0.69	Jameco	20dip300	
	U109	8255AC-5, Programmable Peripheral Interface 40-Pin PDIP	1	1	291805	\$ 4.75	Jameco	40dip600	
	U110	74LS04	1	1	46316	\$ 0.49	Jameco	14dip300	
	U111	74LS240	1	1	47141	\$ 0.69	Jameco	20dip300	
	U112	74LS74	1	1	48004	\$ 0.45	Jameco	14dip300	
	U113	74LS07N	1	1	46367	\$ 0.75	Jameco	14dip300	
	U114	74LS154	1	1	46738	\$ 4.95	Jameco	24dip600	
	U115, U116	74LS00	2	2	46252	\$ 0.45	Jameco	14dip300	
	DIP14	DIP socket 14	13	20	526192	\$ 0.16	Jameco	14dip300	multiples of 10
	DIP16	DIP socket 16	1	10	112222	\$ 0.20	Jameco	16dip300	multiples of 10
	DIP20	DIP socket 20	5	20	112248	\$ 0.17	Jameco	20dip300	multiples of 10
	DIP24 (.300")	DIP socket 24 (.300")	2	10	112282	\$ 0.27	Jameco	24dip300	multiples of 10
	DIP24 (.600")	DIP socket 24 (.600")	1	10	683198	\$ 0.25	Jameco	24dip600	multiples of 10
	DIP40	DIP socket 40	1	10	526272	\$ 0.37	Jameco	40dip600	multiples of 10