

I have?	I Need?	Ref	Value	BOM_Qty	OrderQty	Part_No	Each	Src	Footprint	Info
		C36, C63	330pF, 100V, +80% to -20%, Ceramic Disc	2	2	1947301	\$ 0.25	Jameco	C2	
		C2, C5, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, C22, C23, C24, C29, C30, C31, C32, C33, C34, C35, C37, C39, C40, C41, C42, C43, C44, C45, C46, C47, C48, C49, C50, C51, C52, C53, C55, C56, C57, C58, C59, C60, C61, C62, C64, C70	0.1 uF, 50 Volt, Monolithic X7R, Radial	49	50	544921	\$ 0.15	Jameco	C2	multiples of 10
		C3, C4, C6, C7, C8, C9, C25, C28	1 uF, 25 Volt, ±10%, Radial Tantalum	8	8	545588	\$ 0.35	Jameco	C1V5	
		C1, C21, C27	10 uF, 25 Volt, ±10%, Radial Tantalum	3	3	545641	\$ 0.59	Jameco	C1V5	
		C26	33 uF, 25 Volt, ±10%, Radial Tantalum	1	1	33785	\$ 1.75	Jameco	C1V5	
		D8	LED, Blue Diffused, T1-3/4, 5MM, 350mcd, 470nm	1	1	2234071	\$ 0.69	Jameco	LEDV	
		D3, D4, D5, D6, D11	LED, Red Diffused, T1-3/4, 5MM, 75mcd 643nm	5	10	333973	\$ 0.12	Jameco	LEDV	multiples of 10
		D7	LED, Yellow Diffused, T1-3/4, 5MM, 55mcd 585nm	1	1	2193985	\$ 0.25	Jameco	LEDV	
		D2	LED, Yellow Diffused, T1, 3MM, 40mcd 573nm	1	1	2006705	\$ 0.25	Jameco	LEDV	
		D1	LED, Green Diffused, T1, 3MM, 18mcd 585nm	1	1	2155233	\$ 0.25	Jameco	LEDV	
		D9, D10	1N914 (1N4148), DIODE, Small Signal Silicon, 100V DO-35	2	10	655277	\$ 0.07	Jameco	D3	multiples of 10
		P26, P29, P30, P31	Test_Pin, 1 Position, Unshrouded Header, Solder Straight	4		2168211	\$ 0.59	Jameco	SIL-1	order 40 Pin strips
		JP1, JP2, JP3, P20	Jumper, 2 Position, Unshrouded Header 2.54mm Solder Straight	4		2168211	\$ 0.59	Jameco	SIL-2	order 40 Pin strips
		K2, K4, K5, K6	Jumper, 3 Position, Unshrouded Header 2.54mm Solder Straight	4		2168211	\$ 0.59	Jameco	SIL-3	order 40 Pin strips
		P15, P25, P28	Jumper, 4 Position, Unshrouded Header 2.54mm Solder Straight	3		2168211	\$ 0.59	Jameco	SIL-4	order 40 Pin strips
		P7	Jumper, 5 Position, Unshrouded Header 2.54mm Solder Straight	1		2168211	\$ 0.59	Jameco	SIL-5	order 40 Pin strips
		P22	Jumper, 8 Position, Unshrouded Header 2.54mm Solder Straight	1		2168211	\$ 0.59	Jameco	SIL-8	order 40 Pin strips

	P4, P17, P27	Jumper, 3x2 Position, Unshrouded Header, 2.54mm, Solder Straight	3		53532	\$ 0.85	Jameco	pin_array_3X2	Buy 20x2pins and cut down
	P1, P12, P19, P24	Jumper, 4x2 Position, Unshrouded Header, 2.54mm, Solder Straight	4		53532	\$ 0.85	Jameco	pin_array_4X2	Buy 20x2pins and cut down
	P18	Jumper, 5x2 Position, Unshrouded Header, 2.54mm, Solder Straight	1		53532	\$ 0.85	Jameco	pin_array_5X2	Buy 20x2pins and cut down
	P2, P3, P9, P10	Jumper, 8x2 Position, Unshrouded Header, 2.54mm, Solder Straight	4		53532	\$ 0.85	Jameco	pin_array_8X2	Buy 20x2pins and cut down
	P8	Jumper, 3x2 Position, Unshrouded Header, 2.54mm, Solder, Right Angle	1		203967	\$ 0.55	Jameco	pin_array_3X2	Buy 16x2pins and cut down
	P13	Jumper, 4x2 Position, Unshrouded Header, 2.54mm, Solder, Right Angle	1		203967	\$ 0.55	Jameco	pin_array_4X2	Buy 16x2pins and cut down
	P11, P16	Jumper, 5x2 Position, Unshrouded Header, 2.54mm, Solder, Right Angle	2	2	203932	\$ 0.39	Jameco	pin_array_5X2	
	P14	Jumper, 13x2 Position, Unshrouded Header, 2.54mm, Solder, Right Angle	1	1	53583	\$ 0.85	Jameco	pin_array_13x2	
	J1, J2	Connector, DB9, 9 Position Female D-Sub, Right Angle, Through Hole	2	2	104952	\$ 0.89	Jameco	DB9-F	
	R6	10 Ohm 5% 1/4W	1	10	690380	\$ 0.10	Jameco	R3	multiples of 10
	R5	100 Ohm 5% 1/4W	1	10	690620	\$ 0.10	Jameco	R3	multiples of 10
	R1, R2	150 Ohm 5% 1/4W	2	10	690662	\$ 0.10	Jameco	R3	multiples of 10
	R4	1K Ohm 5% 1/4W	1	10	690865	\$ 0.10	Jameco	R3	multiples of 10
	RR3	1K Ohm SIP 6 pin, 5 Resistors	1	1	652-4606X-1LF-1K	\$ 0.44	Mouser	r_pack5	
	RR2	470 Ohm SIP 10 pin, 9 Resistors	1	1	1971491	\$ 0.25	Jameco	r_pack9	
	RR1	1K Ohm SIP 10 pin, 9 Resistors	1	1	652-4610X-1LF-1K	\$ 0.64	Mouser	r_pack9	
	X1	CRYSTAL, 1.8432 MHz, HC49/U or HC18/U	1	1	102613	\$ 0.79	Jameco	HC49	
	U23	74LS00	1	1	46252	\$ 0.79	Jameco	14dip300	
	U1, U5, U16, U36	74LS04	4	4	283792	\$ 0.65	Jameco	14dip300	
	U19	74LS07	1	1	46367	\$ 0.89	Jameco	14dip300	
	U9, U18, U28, U34	74LS08	4		295401	\$ 0.59	Jameco	14dip300	
	U21	74LS27	1	1	47378	\$ 0.99	Jameco	14dip300	
	U17, U26, U27, U30, U33	74LS74	5	5	48004	\$ 0.49	Jameco	14dip300	
	U4	74LS123	1	1	46480	\$ 0.69	Jameco	16dip300	
	U37	74LS138	1	1	46607	\$ 0.69	Jameco	16dip300	

	U20	74LS148	1	1	46682	\$ 1.19	Jameco	16dip300	
	U3, U6, U12, U22, U24, U29, U31, U32, U40, U41, U43, U46, U52	74LS244	13	13	47183	\$ 0.79	Jameco	20dip300	
	U13, U15, U25	74LS245	3	3	47212	\$ 0.79	Jameco	20dip300	
	U53	74LS373	1	1	47600	\$ 0.69	Jameco	20dip300	
	U8	ATF1508AS-10JU84, IC CPLD, 128MHz 10NS, 84-PLCC, Atmel	1	1	556-ATF- 1508AS- 10JU84	\$ 10.05	Mouser	84-PLCC (J- Lead)	
	U10, U58	HD6402-9 UART, DIP40, 200kB, 5V ONLY (also COM1863, TR1863, CDP6402, IM6402IDL, HD3-6402R-9Z and compatibles)	2	2	HD6402-9	\$ 4.95	Anchor Electronics	40dip600	
	U2	8212 (74S412), 8-Bit Input/Output Port with handshake, 24 Pin DIP	1	1	52468	\$ 4.95	Jameco	24dip600	
	U7, U38	MAX232CPE, +5V-Powered, Multichannel RS-232 Drivers/Receivers	2	2	24811	\$ 2.95	Jameco	16dip300	
	U11	MC14411 Bit Rate Generator, 24 Pin Dip	1				UTSOURC E or eBay	24dip600	
	U14	L7805CV, 5 Volt, 1.5 Amp, TO- 220	1	1	924633	\$ 0.45	Jameco	TO-220	
	U14	Heat Sink, TO-220, 1.2"L x 1"W x 0.5"H (for L7805CV)	1	1	129242	\$ 0.75	Jameco		
	U14	Screw, 6-32, 3/8" Phillips	1						
	U14	NUT, HEX, 6-32	1						
	U14 (Alternate for L7805CV at U14)	PSU5a 5V 3A Regulator, TO-220 form Factor	1	1	PSU5a	\$ 7.95	ezsbc.com	TO-220	
	P7 (Alternate for L7805CV at U14)	D24V25F5 Pololu 5V 2.5A Step- Down Voltage Regulator	1	1	D24V25F5	\$ 10.95	Pololu.com	SIL-5	
	DIP14	DIP socket 14	16	20	112214	\$ 0.14	Jameco	14dip300	multiples of 10
	DIP16	DIP socket 16	5	10	112222	\$ 0.20	Jameco	16dip300	multiples of 10
	DIP20	DIP socket 20	17	20	112248	\$ 0.17	Jameco	20dip300	multiples of 10
	DIP24 (0.600)	DIP socket 24 (0.600" W)	2	10	112264	\$ 0.24	Jameco	24dip600	multiples of 10
	DIP40 (0.600)	DIP socket 40 (0.600" W)	2	10	41111	\$ 0.33	Jameco	40dip600	multiples of 10
	PLCC84 (U15)	Socket, PLCC-84 Pin, Tin Plated, through-hole	1	1	575-948424	\$ 1.38	Mouser	84-PLCC	
	P5, P6 (Card Ejector)	Circuit Board Card Ejector and Pin, 0.062 inch, White Nylon, BIVAR PN# CP-06 WE	2	2	749-CP-06- WE	\$ 0.49	Mouser		