

I have?	I Need?	Ref	Value	BOM Qty	OrderQty	Part No	Each	Src	Footprint	Info
		C3, C4, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, C21, C22, C23, C24, C25	0.1uF, 50 Volt, X7R, 10%, Radial, Monolithic Ceramic	21	21	544921	\$ 0.19	Jameco	C2	min order 10+
		C2	10 uF, 25 Volt, 10%, Radial Tantalum	1	1	545641	\$ 0.69	Jameco	C1V5	
		C1	33 uF, 35 Volt, 10%, Radial Tantalum	1	1	33R35 TA	\$ 1.95	anchor-electronics.com	C1V5	
		D16	1N4001, 50 Volt 1 Amp Silicon Rectifier Diode	1	1	35975	\$ 0.09	Jameco	D5	min order 10+
		D5, D20, D21	LED, Red Diffused T1 3/4, 75mcd 643nm	3	3	333973	\$ 0.12	Jameco	LEDV	min order 10+
		D17	LED, Yellow Diffused T-1 3/4, 29mcd 585nm	1	1	697549	\$ 0.15	Jameco	LEDV	min order 10+
		D18, D19	LED, Green T-1 3/4, 30mcd 565nm	2	2	34761	\$ 0.15	Jameco	LEDV	min order 10+
		D6	LED, Blue, T-1 3/4, 50mcd, 468nm	1	1	2006764	\$ 0.99	Jameco	LEDV	
		DIS1, DIS2, DIS3, DIS4, DIS5, DIS6	TIL-311, Hexadecimal Display with Logic, Display 4-Bit Binary Data	6				eBay or Utsource.net	14dip300	
		K1, K2, K5	Jumper, 3 Position, Unshrouded Header 2.54mm Solder Straight	2		68339	\$ 0.99	Jameco	SIL-3	order 36 Pin strip
		P2, P3	Jumper, 5 Position, Unshrouded Header 2.54mm Solder Straight	2		68339	\$ 0.99	Jameco	SIL-5	order 36 Pin strip
		P36 (Optional)	Header, 40 Pin (2x20), Straight , Unshrouded Header, .100" LS	1		53532	\$ 1.49	Jameco	pin_array_20X2	
		P4, P5	Header, 40 Pin (2x20), Right Angle, Unshrouded Header, .100" LS	2		53605	\$ 1.59	Jameco	pin_array_20X2	
		P40, P41 (Alternate to P4, P5)	Header, 40 Pin (2x20), Right Angle, Unshrouded Header, .100" LS	2					pin_array_20X2	
		R19, R20, R29, R32	470 Ohm 5% 1/4W	4	10	690785	\$ 0.06	Jameco	R3	min order 10+
		R26, R27, R33, R34, R37, R38	1.1K Ohm 5% 1/4W	6	10	690873	\$ 0.06	Jameco	R3	min order 10+
		RR2	470 Ohm SIP, 10 pin, 9 Resistors, 125 mWatt, 2%	1	1	97869	\$ 0.89	Jameco	r_pack9	
		RR1	680 Ohm SIP, 10 pin, 9 Resistors, 125 mWatt, 2%	1	1	652-4310R-1LF-680	\$ 1.73	Mouser	r_pack9	
		SW1, SW2	DIP Switch, 8-Pos, On-Off, SPST, Raised Rocker	2	2	696917	\$ 1.49	Jameco	16dip300	
		U18, U19	7403	2	2	7403	\$ 0.29	anchor-electronics.com	14dip300	
		U5	74LS00	1	1	74LS00	\$ 0.39	anchor-electronics.com	14dip300	
		U15	74LS02	1	1	74LS02	\$ 0.25	anchor-electronics.com	14dip300	

		U1, U11	74LS06N	2	2	74LS06	\$ 0.60	anchor-electronics.com	14dip300	
		U17	74LS07N	1	1	74LS07	\$ 0.60	anchor-electronics.com	14dip300	
		U6	74LS32	1	1	74LS32	\$ 0.32	anchor-electronics.com	14dip300	
		U16	74LS74	1	1	74LS74	\$ 0.35	anchor-electronics.com	14dip300	
		U13	74LS154	1	1	74LS154	\$ 1.81	anchor-electronics.com	24dip600	
		U10	74LS240	1	1	74LS240	\$ 0.64	anchor-electronics.com	20dip300	
		U7, U9, U12, U14	74LS244	4	4	74LS244	\$ 0.79	anchor-electronics.com	20dip300	
		U2, U3	74LS682N	2	2	74LS682	\$ 2.30	anchor-electronics.com	20dip300	
		U8	NEC 82C55AC-2, CMOS Programmable Peripheral Interface, 5 MHz, 40-Pin PDIP	1	2	82C55AC-2221	\$ 2.42	Utsource.net	40dip600	Minimum: 2
		(P3)	D24V25F5 Pololu 5V, 2.5A Step-Down Voltage Regulator	1	1	2850	\$ 11.95	Pololu.com	SIL-5	
		(P2) (ALTERNATE)	D24V22F5 Pololu 5V 2.5A Step-Down Voltage Regulator			2858	\$ 17.95	Pololu.com	SIL-5	
		DIP14	DIP socket 14	15	15	526192	\$ 0.20	Jameco	14dip300	min order 10+
		DIP20	DIP socket 20	7	10	112248	\$ 0.22	Jameco	20dip300	min order 10+
		DIP24 (.600")	DIP socket 24 (.600")	1	1	683198	\$ 1.29	Jameco	24dip600	
		DIP40	DIP socket 40	1	1	526272	\$ 0.45	Jameco	40dip600	
		Card Ejectors	Circuit Board Card Ejector, 0.062 inch, Nylon, White, BIVAR PN# CP-06 WE	2	2	749-CP-06-WE	\$ 0.52	Mouser		