

I have?	I Need?	Ref	Value	BOM_Qty	OrderQty	Part_No	Each	Src	Footprint	Info
		C3, C28	47 pF, Monolithic Capacitor 100 Volt 5% NPO	2	10	332567	\$ 0.19	Jameco	C2	multiples of 10
		C1, C2, C4, C5, C6, C7, C8, C9, C11, C12, C14, C15, C16, C17, C18, C19, C20, C21, C22, C23, C24, C25, C26, C27, C29, C30, C31, C32, C33, C34, C35, C36, C37, C38, C39, C40, C41, C42, C43, C44, C45, C46, C47, C48, C49, C50, C51, C52, C53, C54	0.1 uF, 100 Volt, X7R 10%, Radial, LS=5.08mm	50	150	767834	\$ 0.08	Jameco	C2	multiples of 150
		C13	10 uF, 25 Volt, 10%, Radial Tantalum	1	1	545641	\$ 0.59	Jameco	C1V5	
		C10	33 uF, 25 Volt, 10%, Radial Tantalum	1	1	2044074	\$ 2.19	Jameco	C1V5	
		D3, D4, D5, D6, D7	LED	5					LEDV	
		P14, P15, P16	Test_Pin, 1 Position, Unshrouded Header, Solder Straight	3		2168211	\$ 0.59	Jameco	SIL-1	order 40 Pin strips
		JP1, JP2, JP3, JP4, JP5, JP6, JP7, JP8, JP9, JP10, JP11, JP13, JP21, JP23, P9, P10	Jumper, 2 Position, Unshrouded Header 2.54mm Solder Straight	16		2168211	\$ 0.59	Jameco	SIL-2	order 40 Pin strips
		K1, K4, SW2	Jumper, 3 Position, Unshrouded Header 2.54mm Solder Straight	3		2168211	\$ 0.59	Jameco	SIL-3	order 40 Pin strips
		P18, P28	Jumper, 4 Position, Unshrouded Header 2.54mm Solder Straight	2		2168211	\$ 0.59	Jameco	SIL-4	order 40 Pin strips
		P1, P17	Jumper, 5 Position, Unshrouded Header 2.54mm Solder Straight	2		2168211	\$ 0.59	Jameco	SIL-5	order 40 Pin strips
		U11, U12, U18, U20, U23	Header Receptacle, 1 Row 10 Position, Vertical, Female	10	10	2172560	\$ 0.49	Jameco	SIL-10	
		P5	Jumper, 3x2 Position, Unshrouded Header 2.54mm Solder Straight	1		53532	\$ 0.85	Jameco	pin_array_3x2	order 20x2 Pin strip
		P6, P8	Jumper, 5x2 Position, Unshrouded Header 2.54mm Solder Straight	2		53532	\$ 0.85	Jameco	pin_array_5x2	order 20x2 Pin strip
		P11	Jumper, 6x2 Position, Unshrouded Header 2.54mm Solder Straight	1		53532	\$ 0.85	Jameco	pin_array_6x2	order 20x2 Pin strip
		(JP17+JP18), (JP19+JP20)	Header, 28 (14x2) Position, 2.54mm, Solder Straight	2	2	105057	\$ 0.99	Jameco	conn_14x2	Buy 15x2 pins and cut down to 14x2 pins

	R15, R16, R17, R18	10 Ohm 5% 1/4W	4	10	690380	\$ 0.10	Jameco	R3	multiples of 10
	R1	47 Ohm 5% 1/4W	1	10	690540	\$ 0.10	Jameco	R3	multiples of 10
	R2, R22	150 Ohm 5% 1/4W	2	10	690662	\$ 0.10	Jameco	R3	multiples of 10
	R20	4.7K Ohm 5% 1/4W	1	10	691024	\$ 0.10	Jameco	R3	multiples of 10
	R7	10K Ohm 5% 1/4W	1	10	691104	\$ 0.10	Jameco	R3	multiples of 10
	RR1	470 Ohm SIP 6 pin, 5 Resistors	1	1	652-4606X-1LF-470	\$ 0.27	Mouser	r_pack5	
	RR2	1K Ohm SIP 6 pin, 5 Resistors	1	1	652-4606X-1LF-1K	\$ 0.51	Mouser	r_pack5	
	RR3	1K Ohm SIP 10 pin, 9 Resistors	1	1	97877	\$ 0.29	Jameco	r_pack9	
	SW1	Switch, Push Button, Tactile, Single Pole Single Throw, Off Momentary (On), 15 Volt DC @ 20mA	1	1	1586074	\$ 0.25	Jameco		
	P7	TTL Clock Oscillator, 2.00MHz, DIP-14, 5V	1	1	27924	\$ 1.49	Jameco	14dip300	
	P12	TTL Clock Oscillator, 16.00MHz, DIP-14, 5V	1	1	774-MXO45-2C-16M0000	\$ 2.53	Mouser	14dip300	
	U14	GAL22V10, 15nS	1	1	39159	\$ 3.95	Jameco	24dip300	
	U3, U21, U25	74LS04	3	3	283792	\$ 0.65	Jameco	14dip300	
	U17	74LS05	1	1	46341	\$ 0.79	Jameco	14dip300	
	U1, U19, U24, U39	74LS07	4	4	46367	\$ 0.89	Jameco	14dip300	
	U10, U36	74LS32	2	2	295515	\$ 0.55	Jameco	14dip300	
	U16	74LS240	1	1	308291	\$ 0.79	Jameco	20dip300	
	U15, U37, U38	74LS244	3	3	47183	\$ 0.69	Jameco	20dip300	
	U13	74LS367	1	1	47562	\$ 0.99	Jameco	16dip300	
	U2, U4, U5, U7, U8, U9, U22, U31, U32, U33, U34, U35	74LS373	12	12	47600	\$ 0.69	Jameco	20dip300	
	U6	ATF1508AS-10JU84, IC CPLD, 128MHz 10NS, 84-PLCC, Atmel	1	1	556-ATF-1508AS-10JU84	\$ 10.05	Mouser	84-PLCC (J-Lead)	
		Intel Edison 2 Development Kit, Contains: Edison 2 Breakout Board and Edison Module	1	1	607-EDI2BB.AL.K	\$ 69.00	Mouser		
	U11, U12, U18, U20, U23	TXB0108 (YE08), Pre-Soldered to Adapter Board, w/pins	5		395	\$ 8.00	Adafruit	~	
	U11, U12, U18, U20, U23 <b>(Alternate to TXB0108 boards)</b>	TXS0108E (YF08E), Pre-Soldered to Adapter Board, w/pins	5			\$ 1.06	eBay	~	seller: caelectronics8 (free shipping)

		U26, U27, U28, U29, U30 <b>(optional in place of Adapter Boards at U11, U12, U18, U20, U23)</b>	TXS0108E (YF08E) 8-Bit Bi-directional, Level-Shifting, Voltage Translator for Open-Drain and Push-Pull Applications, TSSOP-20	5		595-TXS0108EPWR	\$ 1.64	Mouser	TSSOP-20	
		P13	DLP-USB245R MODULE USB-TO-PARALLEL FIFO 18-DIP	1	1	626-DLP-USB245R	\$ 18.00	Mouser	18dip300	
		U1	L7805CV, 5 Volt, 1.5 Amp, TO-220	1	1	924633	\$ 0.45	Jameco	TO-220	
		U1 (Alternate for L7805CV at U1)	PSU5a 5V 3A Regulator, TO-220 form Factor	1		PSU5a	\$ 7.95	ezsbc.com	TO-220	
		P1 (Alternate for L7805CV at U1)	D24V25F5 (Alternate for LM7805 at U1) Pololu 5V 2.5A Step-Down Voltage Regulator	1		D24V25F5	\$ 10.95	Pololu.com	SIL-5	
		DIP14S (P7, P12)	DIP Socket, Osc, 4-Pins (DIP-14)	2	2	133006	\$ 0.65	Jameco	14dip300	
		DIP14	DIP socket 14	10	10	112214	\$ 0.14	Jameco	14dip300	multiples of 10
		DIP16	DIP socket 16	1	10	112222	\$ 0.20	Jameco	16dip300	multiples of 10
		DIP18 (P13)	DIP socket 18	1	10	112231	\$ 0.17	Jameco	18dip300	multiples of 10
		DIP20	DIP socket 20	16	20	112248	\$ 0.17	Jameco	20dip300	multiples of 10
		DIP24 (.300")	DIP socket 24 (.300")	1	10	39378	\$ 0.24	Jameco	24dip300	multiples of 10
		PLCC84 (U6)	Socket, PLCC-84 Pin, Solder tail	1	1	71977	\$ 1.09	Jameco	84-PLCC	
		Card Ejector	Circuit Board Card Ejector, 0.062 inch, Nylon, White, BIVAR PN# CP-06 WE	2	2	749-CP-06-WE	\$ 0.49	Mouser		