

S-100 Z80 SBC V1.1A

I have?	I Need?	Ref	Value	BOM_Qty	OrderQty	Part_No	Each	Src	Footprint	Info
		C7, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, C21, C22, C23, C25, C26, C27, C28, C29, C38, C39, C40, C41, C44, C45, C46, C47, C48, C49, C50, C51, C52, C53, C54, C57, C58, C59, C60, C61, C62, C63, C101, C103, C104, C106, C107, C108, C109	0.1 uF, 50 Volt, Monolithic Z5U, Radial	51	100	25523	\$ 0.07	Jameco	C2	multiples of 100
		C105	1 uF 25 Volt, 10%, 4.5x7mm, Radial	1	1	545588	\$ 0.45	Jameco	C1V5	
		C42	22 uF, 16 Volt, 10%, Radial Tantalum	1	1	94094	\$ 0.69	Jameco	C1V7	
		C43, C102	33 uF, 25 Volt 10% Radial Tantalum	2	2	2044074	\$ 2.59	Jameco	C1V7	
		D6	1N4148 (1N914)	1	10	36311	\$ 0.05	Jameco	D3	multiples of 10
		D101, D103	LED, Red Diffused T1 3/4, 19mcd 635nm	2	10	697522	\$ 0.09	Jameco	LEDV	multiples of 10
		D102, D104	LED, Yellow Diffused T-1 3/4, 29mcd 585nm	2	10	697549	\$ 0.09	Jameco	LEDV	multiples of 10
		D5	LED, Green Diffused T-1 3/4, 29mcd 585nm	1	10	333227	\$ 0.10	Jameco	LEDV	multiples of 10
		D8	LED, Blue, T-1 3/4, 50mcd, 468nm	1	1	2006764	\$ 0.69	Jameco	LEDV	
		JP1, JP2, JP3, JP4, JP5, JP6, JP7, JP9, JP10, P104	Jumper, 2 Position, Unshrouded Header 2.54mm Solder Straight	10		160882	\$ 0.75	Jameco	SIL-2	order 40 Pin strips
		JP8, K1, K2, K101, K102, K103, K105, K106, K107	Jumper, 3 Position, Unshrouded Header 2.54mm Solder Straight	9		160882	\$ 0.75	Jameco	SIL-3	order 40 Pin strips
		P8, P9, P10	Jumper, 4 Position, Unshrouded Header 2.54mm Solder Straight	3		160882	\$ 0.75	Jameco	SIL-4	order 40 Pin strips
		P4, P37	Jumper, 2x2 Position, Unshrouded Header 2.54mm Solder Straight	2		2200701	\$ 0.79	Jameco	pin_array_2x2	order 36x2 Pin strip
		P36, P101	Jumper, 3x2 Position, Unshrouded Header 2.54mm Solder Straight	2		2200701	\$ 0.79	Jameco	pin_array_3x2	order 36x2 Pin strip
		P3	Jumper, 4x2 Position, Unshrouded Header 2.54mm Solder Straight	1		2200701	\$ 0.79	Jameco	pin_array_4x2	order 36x2 Pin strip
		P112, P113, P114	Jumper, 8x2 Position, Unshrouded Header 2.54mm Solder Straight	3		2200701	\$ 0.79	Jameco	pin array 8x2	order 36x2 Pin strip
		P102	Jumper, 20x2 Position, Unshrouded Header 2.54mm Solder Straight	1		2200701	\$ 0.79	Jameco	pin_array_2x2	order 36x2 Pin strip
		R35, R36, R37, R38	10 Ohm 5% 1/4W	4					R3	
		R2	220 Ohm 5% 1/4W	1					R3	
		R5	330 Ohm 5% 1/4W	1					R3	
		R102, R103, R104	470 Ohm 5% 1/4W	3					R3	
		R106	470 Ohm 5% 1/4W	1					R3	
		R40	1K Ohm 5% 1/4W	1					R3	
		R11, R39, R41	4.7K Ohm 5% 1/4W	3					R3	
		R101	10K Ohm 5% 1/4W	1					R3	
		RR102	680 Ohm SIP 10 pin, 9 Resistors	1					r_pack9	
		RR2, RR3, RR4, RR5, RR6, RR8, RR9, RR101, RR103	1K Ohm SIP 10 pin, 9 Resistors	9	9	97877	\$ 0.29	Jameco	r_pack9	

	RR7	4.7K Ohm SIP 10 pin, 9 Resistors	1	1	24660	\$ 0.29	Jameco	r_pack9	
	SW101, SW102	DIP Switch, 8-Pos, On-Off, SPST, Raised Rocker	2	2	696917	\$ 1.39	Jameco	16dip300	
	Q1	2N3904 NPN General Purpose	1	10	38359	\$ 0.05	Jameco	TO92-INVERT	multiples of 10
	U42	Clock Oscillator, DIP-14, 5V, 2.0000 MHz	1	1	27924	\$ 1.49	Jameco	14dip300	
	U46	Clock Oscillator, DIP-14, 5V, 4.0000 MHz	1	1	27967	\$ 1.95	Jameco	14dip300	
	P103	DLP-USB1232H	1	1	626-DLP-USB1232H	\$ 28.95	Mouser	18dip300	
	U1	Z80B, 6MHz 5V, Dip-40	1	1	35705	\$ 3.25	Jameco	40dip600	
	U13	27C64 EPROM, 8KX8, 5 VOLT, DIP-28, 150 NANOSECONDS	1	1	39829	\$ 4.25	Jameco	28dip600	
	U24, U25, U36, U114	74LS04	4	4	46316	\$ 0.49	Jameco	14dip300	
	U26, U37	74LS05	2	2	46341	\$ 0.69	Jameco	14dip300	
	U28, U31, U104	74LS00	3	3	46252	\$ 0.45	Jameco	14dip300	
	U29, U30, U32, U33, U34, U116	74LS74	6	6	48004	\$ 0.45	Jameco	14dip300	
	U35, U102, U105	74LS32	3	3	47466	\$ 0.45	Jameco	14dip300	
	U38	74F04	1	1	287005	\$ 0.35	Jameco	14dip300	
	U39	74S08	1	1	48303	\$ 0.69	Jameco	14dip300	
	U40	74S00	1	1	676959	\$ 0.69	Jameco	14dip300	
	U41	74LS27	1	1	47378	\$ 0.89	Jameco	14dip300	
	U43	74LS11	1	1	46439	\$ 0.65	Jameco	14dip300	
	U45, U117	74LS02	1	1	46287	\$ 0.39	Jameco	14dip300	
	U9, U10, U11	74LS165	3	3	46877	\$ 0.65	Jameco	16dip300	
	U2, U3, U12, U22	74LS373	4	4	47600	\$ 0.69	Jameco	20dip300	
	U18, U19, U20, U21, U101, U107, U110	74LS244	7	7	308312	\$ 0.69	Jameco	20dip300	
	IC101, U15	74LS682N	2	2	309260	\$ 1.75	Jameco	20dip300	
	U103, U108	7403	2					14dip300	
	U106	8255-5	1	1	291805	\$ 4.75	Jameco	40dip600	
	U111	HM628128LP-7 128Kx8 CMOS SRAM	1	1	HM628128LP-7	\$ 5.33	UTSOURCE.net	32dip600	
	U109, U115	74LS08	2	2	46375	\$ 0.45	Jameco	14dip300	
	U113	74LS139	1	1	46623	\$ 0.65	Jameco	16dip300	
	VReg-101	D24V25F5 2.5 Amp Step-Down Voltage Regulator	1	1	2850	\$ 10.95	www.pololu.com		
	DIP14S (U42,U46)	DIP Socket, Osc, 4-Pins	2	2	133006	\$ 0.65	Jameco	14dip300	
	DIP14	DIP socket 14	28	30	112214	\$ 0.14	Jameco	14dip300	multiples of 10
	DIP16	DIP socket 16	5	10	112222	\$ 0.20	Jameco	16dip300	multiples of 10
	DIP18	DIP socket 18	1	10	683139	\$ 0.17	Jameco	18dip300	multiples of 10
	DIP20	DIP socket 20	13	20	112248	\$ 0.17	Jameco	20dip300	multiples of 10
	DIP28	DIP socket 28 (.600" Wide)	1	10	526256	\$ 0.27	Jameco	28dip600	multiples of 10
	DIP32	DIP socket 32-Pin (.600" Wide) Machine Tooled Low Profile	1	10	112301	\$ 0.29	Jameco	32dip600	multiples of 10
	DIP40	DIP socket 40 (.600" Wide)	2	10	526272	\$ 0.37	Jameco	40dip600	multiples of 10