

S100 System Monitor Board SMB V2

I have?	I Need?	Ref	Value	BOM_Qty	OrderQty
		C56	0.01 uF, 100 Volt, X7R 10% Radial	1	1
		C2, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, C21, C22, C23, C24, C25, C26, C27, C28, C29, C30, C31, C32, C33, C34, C35, C36, C37, C38, C39, C40, C41, C51, C53, C54	0.1 uF, 50 Volt, Monolithic Z5U, Radial	42	100
		C1	1 uF, 35 Volt, 10% Radial Tantalum	1	1
		C3	22 uF, 16 Volt, 10% Radial Tantalum	1	1
		C52	6.8 uF, 25 Volt, 10% Radial Tantalum	1	1
		C44, C45, C46, C47, C48, C49, C55	10 uF, 25 Volt, 10% Radial Tantalum	7	7
		C50	15 uF, 20 Volt, 10% Radial Tantalum	1	1
		C57	Trim Cap, 9-50pf 200 Volt DC, 5mm, 2 Pins	1	1
		D1, D6, D7, D8	LED, Red Diffused T1 3/4, 19mcd 635nm	4	10
		D2, D3	LED, Yellow Diffused T-1 3/4, 29mcd 585nm	2	10
		D5	LED, Green T-1 3/4, 25mcd 565nm	1	10
		D4	1N4148, Diode Switching 100 Volt 0.15A, DO-35	1	10
		JP1, JP2, JP3, JP4, JP10, JP11, JP23, JP26, JP27, JP30	Jumper, 2 Position, Unshrouded Header 2.54mm Solder Straight	5	
		JP28, K2, K3, K4	Jumper, 3 Position, Unshrouded Header 2.54mm Solder Straight	4	
		P2	Jumper, 4x2 Position, Unshrouded Header 2.54mm Solder Straight	1	
		P3	Jumper, 5x2 Position, Unshrouded Header 2.54mm Solder Straight	1	1
		P4, P42	Jumper, 8x2 Position, Unshrouded Header 2.54mm Solder Straight	2	
		P36, P37, P39	Header, Low Profile, Shrouded, 26Pin (2x13), Straight, .100" LS	3	3
		P38	Clock Oscillator, DIP-14, 5V, 2.0000 MHz	1	1
		P40, P41	Jumper, 9 Position, Unshrouded Header 2.54mm Solder Straight	2	
		R1, R2, R3, R4, R6, R13, R14, R15, R16, R17, R18, R19, R22, R26, R33, R38	470 Ohm 5% 1/4W	16	
		R5, R7, R8, R9	330 Ohm 5% 1/4W	4	
		R10, R12, R24	1K Ohm 5% 1/4W	3	
		R11, R25, R32, R36	10K Ohm 5% 1/4W	4	
		R27, R34	2K Ohm 5% 1/4W	2	
		R28, R35	22K Ohm 5% 1/4W	2	
		R37	4.7K Ohm 5% 1/4W	1	

	RR1	470 Ohm SIP 10pin, 9 Resistors	1	1
	RR2	1K Ohm SIP 10pin, 9 Resistors	1	10
	SW3, SW4, SW5, SW9	DIP Switch, 8-Pos, On-Off, SPST, Raised Rocker	4	4
	U1	LM323 Regulator 5 Volt 3 Amp TO-3	1	1
	U2, U12, U13, U14, U28	74LS244	5	5
	U3, U30, U36	74LS04	3	3
	U4, U5, U6	74LS123	3	3
	U7	74LS240	1	1
	U8, U9, U11	74LS273	3	3
	U10, U17	74LS00	2	2
	U15	74LS38	1	1
	U16, U32	74LS74	2	2
	U18	74F10	1	1
	U31	74LS10	1	1
	U19, U20, U21, U23, U37	74LS682N	5	5
	U22	74LS27	1	1
	U24, U25, U29	LM555N	3	3
	U26	74LS06N	1	1
	U27	74F138	1	1
	U33	74LS175	1	1
	U34	74LS07N	1	1
	U35	74LS27	1	1
	U1	Heat Sink Passive TO-3	1	1
	U1	Screw, 6-32, 3/8" Phillips	1	
	U1	NUT, HEX, 6-32	1	
	DIP8	DIP socket 8	3	10
	DIP14	DIP socket 14	14	20
	DIP14S (P38)	DIP Socket, Osc, 4-Pins	1	1
	DIP16	DIP socket 16	5	10
	DIP20	DIP socket 20	14	20

	P1, 2, 7	Header, 26Pin (2x13), Right Angle, .100" LS	3	3
	LEDs	LED, Red Diffused T1 3/4, 19mcd 635nm	7	10
	LEDs	LED, Green T-1 3/4, 25mcd 565nm	2	10
	LEDs	LED, Yellow Diffused T-1 3/4, 29mcd 585nm	4	10
	LEDs	LED, Blue, T-1 3/4, 50mcd, 468nm	1	1
	R1, 2	470 Ohm 5% 1/4W	2	
	SW2-Reset, SW4-SLV CLR	SPST (ON)	2	2
	SW3-BP	SPDT	1	1
	SW5-SST	SPDT ON-(ON)	1	
	SW6-STOP/RUN	DPDT	1	1
	DIS1, DIS2, DIS3, DIS4, DIS5, DIS6, DIS7, DIS8, DIS9, DIS10	TIL-311, HEXADECIMAL DISPLAY WITH LOGIC, DISPLAY 4-BIT BINARY DATA	10	
	DIP14	DIP socket 14	10	10

97869	\$ 0.29	Jameco	r_pack9	host board	
78777	\$ 0.17	Jameco	r_pack9	host board	multiples of 10
696917	\$ 1.39	Jameco	16dip300	host board	
23667	\$ 4.75	Jameco	TO3	host board	
47183	\$ 0.65	Jameco	20dip300	host board	
46316	\$ 0.49	Jameco	14dip300	host board	
46480	\$ 0.59	Jameco	16dip300	host board	
47141	\$ 0.69	Jameco	20dip300	host board	
47386	\$ 0.69	Jameco	20dip300	host board	
46252	\$ 0.45	Jameco	14dip300	host board	
295566	\$ 0.75	Jameco	14dip300	host board	
48004	\$ 0.75	Jameco	14dip300	host board	
595-SN74F10N	\$ 0.68	Mouser	14dip300	host board	
46404	\$ 0.59	Jameco	14dip300	host board	
309260	\$ 1.75	Jameco	20dip300	host board	
47378	\$ 0.89	Jameco	14dip300	host board	
27422	\$ 0.25	Jameco	8dip300	host board	
46359	\$ 0.75	Jameco	14dip300	host board	
595-SN74F138N	\$ 0.62	Mouser	16dip300	host board	
46957	\$ 0.69	Jameco	16dip300	host board	
46367	\$ 0.75	Jameco	14dip300	host board	
47378	\$ 0.89	Jameco	14dip300	host board	
151547	\$ 1.49	Jameco	TO3	host board	
				host board	
				host board	
683104	\$ 0.13	Jameco	8dip300	host board	multiples of 10
683112	\$ 0.17	Jameco	14dip300	host board	multiples of 10
133006	\$ 0.65	Jameco	14dip300	host board	
112222	\$ 0.20	Jameco	16dip300	host board	multiples of 10
112248	\$ 0.17	Jameco	20dip300	host board	multiples of 10

53583	\$ 0.65	Jameco	PIN_ARRAY_13x2	display	
697522	\$ 0.09	Jameco	LEDV	display	multiples of 10
333227	\$ 0.10	Jameco	LEDV	display	multiples of 10
697549	\$ 0.09	Jameco	LEDV	display	multiples of 10
2006764	\$ 0.69	Jameco	LEDV	display	
			R3	display	
154878	\$ 1.49	Jameco		display	
26332	\$ 1.89	Jameco		display	
				display	
26367	\$ 1.49	Jameco		display	
		or ACP Surplus (eBay)	14dip300	display	
683112	\$ 0.17	Jameco	14dip300	display	multiples of 10