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S-100 Super IO Board II

9/17/2022

I have?	I Need?	Reference #	Value	BOM_Qty	OrderQty	Part_No	Each	Source	Footprint	Info
		C14	Trim Cap, 9-50 pF, Ceramic Trimmer Capacitor, 5mm, 200 Volt DC	1	1	136979	\$ 1.09	Jameco	CV3-30PF	
		C33	Ceramic Capacitor, 0.01 uF (10,000pF), 20%, 100V, X7R Radial	1	10	2312447	\$ 0.19	Jameco	C2	order qty = 10+
		C7, C8, C9, C10, C11, C12, C15, C16 ,C17, C18, C19, C20, C21, C22, C23, C24, C25, C27, C29, C30, C31, C32, C34, C35, C37, C38, C39, C40, C41, C42, C43, C44, C45, C46	0.1 uF, 50 Volt, Monolithic, X7R, Radial, ±10%	34	34	767834	\$ 0.19	Jameco	C2	order qty = 10+
		C1, C2, C4, C13	1µF, 25V, 20%, Aluminum Electrolytic, Radial Capacitor	4	10	330431	\$ 0.15	Jameco	C1V5	order qty = 10+
		C5, C6, C26, C28, C36	10uF, 25V, 20%, Aluminum Electrolytic, Radial Capacitor	5	10	94212	\$ 0.17	Jameco	C1V5	order qty = 10+
		C3	33 uF, 25 Volt, 10%, Radial Tantalum	1	1	33785	\$ 1.49	Jameco	C1V5	
		D1	Diode 1N4148, 100 Volt, 200mA, 20mA(I _f), Small Signal, DO-35	1	10	151247	\$ 0.07	Jameco	D3	order qty = 10+
		D10	LED, Super Bright Blue, Diffused, 5mm T-1 3/4, 470nm, 350mcd	1	1	2234071	\$ 0.69	Jameco	LEDV	
		D13	LED, Yellow Diffused, T-1 3/4, 55mcd 585nm	1	10	2193985	\$ 0.10	Jameco	LEDV	order qty = 10+
		D2, D3, D4, D5, D6, D7, D8, D9, D11, D12	LED, Red Diffused, 5mm (T-1 3/4), 643nm, 75mcd	10	10	333973	\$ 0.12	Jameco	LEDV	order qty = 10+
		P31	Jumper, 2 Position, Unshrouded Header 2.54mm Solder Straight	1		160882	\$ 1.19	Jameco	SIL-2	buy 40 Pin strips, cut to size
		K1, K2,K4, K5	Jumper, 3 Position, Unshrouded Header 2.54mm Solder Straight	4		160882	\$ 1.19	Jameco	SIL-3	buy 40 Pin strips, cut to size
		P6, P7	Jumper, 4 Position, Unshrouded Header 2.54mm Solder Straight	2		160882	\$ 1.19	Jameco	SIL-4	buy 40 Pin strips, cut to size
		P19, P20, P21, P25, P48, P52	Jumper, 5 Position, Unshrouded Header 2.54mm Solder Straight	5		160882	\$ 1.19	Jameco	SIL-5	buy 40 Pin strips, cut to size
		P11, P40	Jumper, 6 Position, Unshrouded Header 2.54mm Solder Straight	2		160882	\$ 1.19	Jameco	SIL-6	buy 40 Pin strips, cut to size
		P39, P41	Jumper, 7 Position, Unshrouded Header 2.54mm Solder Straight	2		160882	\$ 1.19	Jameco	SIL-7	buy 40 Pin strips, cut to size
		P32, P46, P47	Jumper, 8 Position, Unshrouded Header 2.54mm Solder Straight	3		160882	\$ 1.19	Jameco	SIL-8	buy 40 Pin strips, cut to size
		P4, P14, P27	Jumper, 10 Position, Unshrouded Header 2.54mm Solder Straight	3		160882	\$ 1.19	Jameco	SIL-10	buy 40 Pin strips, cut to size
		P16, P24	Jumper, 12 Position, Unshrouded Header 2.54mm Solder Straight	2		160882	\$ 1.19	Jameco	SIL-12	buy 40 Pin strips, cut to size
		P28, P30	Jumper, 14 Position, Unshrouded Header 2.54mm Solder Straight	2		160882	\$ 1.19	Jameco	SIL-14	buy 40 Pin strips, cut to size

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	P1, P3, P5, P10	Jumper, 4x2 Position, Unshrouded Header, 2.54mm, Solder, Straight	4		53532	\$ 1.49	Jameco	pin_array_4x2	Buy 20x2pins and cut down
	P17	Jumper, 5x2 Position, Unshrouded Header, 2.54mm, Solder, Straight	1		53532	\$ 1.49	Jameco	pin_array_5x2	Buy 20x2pins and cut down
	P15, P33	Jumper, 6x2 Position, Unshrouded Header, 2.54mm, Solder, Straight	2		53532	\$ 1.49	Jameco	pin_array_6x2	Buy 20x2pins and cut down
	P34	Jumper, 13x2 Position, Unshrouded Header, 2.54mm, Solder, Straight	1		53532	\$ 1.49	Jameco	pin_array_13x2	Buy 20x2pins and cut down
	J1	Connector, DB9, 9 Position Female D-Sub, Right Angle, Through Hole	1	1	104952	\$ 0.99	Jameco	DB9-F	
	R1, R2	330 Ohm 5% 1/4W	2	10	690742	\$ 0.06	Jameco	R3	multiples of 10
	R3, R6, R7	470 Ohm 5% 1/4W	3	10	690785	\$ 0.06	Jameco	R3	multiples of 10
	R5	4.7K Ohm 5% 1/4W	1	10	691024	\$ 0.06	Jameco	R3	multiples of 10
	R4	10K Ohm 5% 1/4W	1	10	691104	\$ 0.06	Jameco	R3	multiples of 10
	RR1, RR2	1K Ohm SIP 10 pin, 9 Bussed Resistors, 125 mWatt, 2%	2	2	858-L101S102LF	\$ 0.58	Mouser	r_pack9	
	RR4	1K Ohm SIP 6 pin, 5 Bussed Resistors, 125 mWatt, 2%	1	1	652-4606M-1LF-1K	\$ 0.66	Mouser	r_pack5	
	SW2, SW5, SW6, SW7	DIP Switch, 4-Position Raised Slide, SPST	4	4	2334103	\$ 1.09	Jameco	SWDIP4	
	SW1, SW3, SW4	DIP Switch, 8 Position, Raised Slide, SPST, 2.5mm Pitch	3	3	696984	\$ 1.25	Jameco	SWDIP8	
	P2	Clock Oscillator, 4.9152 MHz, Full Size, DIP-14 (4-Pins)	1	1	774-MXO45-3C-4.9	\$ 4.23	Mouser	14dip300	
	U6, U11	74LS04 PDIP-14	2	2	74LS04	\$ 0.48	anchor-electronics.com	14dip300	
	U21	74LS07 PDIP-14	1	1	74LS07	\$ 0.60	anchor-electronics.com	14dip300	
	U22	74LS08 PDIP-14	1	1	74LS08	\$ 0.28	anchor-electronics.com	14dip300	
	U14	74LS10 PDIP-14	1	1	74LS10	\$ 0.25	anchor-electronics.com	14dip300	
	U3, U19	74LS30 PDIP-14	2	2	74LS30	\$ 0.28	anchor-electronics.com	14dip300	
	U20	74LS32 PDIP-14	1	1	74LS32	\$ 0.32	anchor-electronics.com	14dip300	
	U23	74LS123 PDIP-16	1	1	74LS123	\$ 0.46	anchor-electronics.com	16dip300	
	U1, U5, U12, U18	74LS244 PDIP-20	4	4	74LS244	\$ 0.79	anchor-electronics.com	20dip300	
	IC1, IC2, IC3, IC4, IC5, U17	74LS682N PDIP-20	6	6	74LS682	\$ 2.30	anchor-electronics.com	20dip300	
	U2, U4	74LVC245A, Bus Transceivers, Tri-State Octal Bus, Designed for 1.65-V to 3.6-V VCC operation	2	2	595-SN74LVC245AN	\$ 0.93	Mouser	20dip300	
	U16	LM555CN, Single Timer, PDIP-8	1	1	973646	\$ 0.59	Jameco	8dip300	

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	U15	MAX232CPE, +5V-Powered, Multichannel RS-232 Drivers/Receivers	1	1	24811	\$ 3.75	Jameco	16dip300	
	U7, U8, U10	Z85C3008PSG, CMOS SCC, 8MHz, DIP-40	3	3	Z85C3008PSG	\$ 6.47	Utsource.net	40dip600	
	U9, U13	NEC 82C55AC-2, CMOS Programmable Peripheral Interface, 5 MHz, 40-Pin PDIP	1	2	82C55AC-2 221	\$ 2.21	Utsource.net	40dip600	Minimum order: 2
	(P7)	D24V25F5 Pololu 5V, 2.5A Step-Down Voltage Regulator	1	1	D24V25F5	\$ 16.95	Amazon.com	SIL-5	
	(P14) (ALTERNATE for P7)	D24V22F5 Pololu 5V 2.5A Step-Down Voltage Regulator	1		2858	\$ 27.95	Pololu.com	SIL-5	
	(P16)	D24V25F3 Pololu 3.3V 2.5A Step-Down Voltage Regulator	1	1	2849	\$ 27.95	Pololu.com	SIL-5	
	(P15) (ALTERNATE for P16)	D24V22F3 Pololu 3.3V 2.5A Step-Down Voltage Regulator	1		2857	\$ 27.95	Pololu.com	SIL-5	
	DIP8	DIP socket, 8 Pins	1	10	112206	\$ 0.16	Jameco	8dip300	order qty = 10+
	DIP14S (P2)	DIP Socket, Machine Tooled, 4 Pin, Full- Can Crystal Oscillator Socket	1	1	133006	\$ 0.69	Jameco	14dip300	
	DIP14	DIP socket, 14 Pins	8	10	112214	\$ 0.19	Jameco	14dip300	order qty = 10+
	DIP16	DIP socket, 16 Pins	1	10	112222	\$ 0.18	Jameco	16dip300	order qty = 10+
	DIP20	DIP socket, 20 Pins	12	10	112248	\$ 0.19	Jameco	20dip300	order qty = 10+
	DIP40 (0.600)	DIP socket 40 (0.600" W)	5	5	112311	\$ 0.49	Jameco	40dip600	
	Card Ejector	Circuit Board Card Ejector, 0.062 inch, Nylon, Natural, BIVAR PN# CP-06 NT	2	2	749-CP-06NT	\$ 0.52	Mouser		