

## S100computers.com PIC/RTC Board parts List

Part	Desc	Jameco P/N	Digikey P/N
R1,3,12	RES,CF,4.7K OHM,1/4 WATT,5%	CF1/4W472JRC	
R4,5	RES,CF,470 OHM,1/4 WATT,5%	CF1/4W471JRC	
R7,9,13,14	RES,CF,1K OHM,1/4 WATT,5%	CF1/2W102JRC	
R10,11	RES,CF,10K OHM,1/2 WATT,5%	CF1/4W103JRC	
RR3	@RESISTOR NET,10PIN,1K OHM,2% 125mW,BUSSED(10)	10BRN1K	
RR4	@RESISTOR NET,10PIN,470 OHM,2% 125mW,BUSSED(10)	L101S471LF	
RR5	@RESISTOR NET,10PIN,4.7KOHM,2% 125mW,BUSSED(10)	10BRN4.7K	
RR6	Resistor Net 10-pin 220 Ohm	770-101-R220P-ND	
R15	RES 20M 1/4 WATT 5%	CF14JT20M0-ND	
Q1	TRANSIS/2N2907A,PNP,GP	2N2907A	
Q2	TRANSISTOR,2N2222A,TO-18,NPN, 75V,0.6A	2N2222A	
D10	1N747		
D11	Diode Switching 100 Volt 0.15A 2-Pin DO-35	1N4148	
D12	Diode Zener Single 3.3 Volt 5% 500mW 2-Pin DO-35	1N5226B	
D1	LED Uni-Color Red 660nm 2-Pin T-1 3/4 Box	UT1871-81-M1-R	
D2	LED Uni-Color Green 565nm 2-Pin T-1 3/4	LG13740	
D3	LED Uni-Color Amber 594nm 2-Pin T-1 3/4	LTL-2R3SYKS	
D4,5,6,7,8,9	LED Uni-Color Yellow 585nm 2-Pin T-1 3/4	LTL-307Y	
DOT-BAR	LED Uni-Color Red 635nm 20-Pin PDIP	LTA-1000HR	
C1	CAP,TANT,.33uF,35V,10% -10	TM.33-R	
C3	CAP,TANT,.1uF,35V,10%	TM.1	
C31	CAP,CERM,TRIM,8mm,4-34pF, 250V,COLOR YELLOW	CTC08-30-R	
C32	@CAP,CERM,DISC,5PF,1KV,20% INCREMENTS of 10	332304	
U1	Standard Regulator 5 Volt 2.2A 3-Pin (3+Tab) TO-220	LM7805CT	
Heat Sink	Heat Sink Passive TO-220 25.9°C/W Black Anodized	326596	
SW1-4	Switch DIP Single Pole, Single Throw 8 Raised Rocker	546581	
C7-17,21-22,34-46,55-59	@ CAP,CERM,DISC,.1uF,25V,20% INCREMENTS of 10	151116	
U24-27,5,15	IC,74LS123	46480	
U28	IC,74LS74	48004	
U21	IC,74LS08	46375	
U13,18	IC,74LS240	47141	
U23	IC,74LS14	46640	
U3,14,22	IC,74LS32	47466	
U10,20	IC,74LS06	46359	
U17	IC,74LS174	46931	
U2,4,11	74LS682	296-14898-5-ND	
U8,16,9,6	IC,74LS244	47183	
U12	IC,74LS20	47095	
X1	CRYSTAL 32.768		
U7	8259,PROG INTERRUPT CONTRLR DIP-28	52775	
U19	IC MPU REAL TIME CLK 24 DIP	MM58167BN-ND	
RR1	@RESISTOR NET,10PIN,1KOHM,2%	97877	