

## 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	<a href="#">@RESISTOR NET,10PIN,1K OHM,2% 125mW,BUSSED(10)</a>	10BRN1K	
RR4	<a href="#">@RESISTOR NET,10PIN,470 OHM,2% 125mW,BUSSED(10)</a>	L101S471LF	
RR5	<a href="#">@RESISTOR NET,10PIN,4.7KOHM,2% 125mW,BUSSED(10)</a>	10BRN4.7K	
RR6	Resistor Net 10-pin 220 Ohm		<a href="#">770-101-R220P-ND</a>
R15	RES 20M 1/4 WATT 5%		<a href="#">CF14JT20M0-ND</a>
Q1	<a href="#">TRANSIS/2N2907A,PNP,GP</a>	2N2907A	
Q2	<a href="#">TRANSISTOR,2N2222A,TO-18,NPN, 75V,0.6A</a>	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	<a href="#">LED Uni-Color Red 660nm 2-Pin T-1 3/4 Box</a>	UT1871-81-M1-R	
D2	<a href="#">LED Uni-Color Green 565nm 2-Pin T-1 3/4</a>	LG13740	
D3	<a href="#">LED Uni-Color Amber 594nm 2-Pin T-1 3/4</a>	LTL-2R3SYKS	
D4,5,6,7,8,9	<a href="#">LED Uni-Color Yellow 585nm 2-Pin T-1 3/4</a>	LTL-307Y	
DOT-BAR	<a href="#">LED Uni-Color Red 635nm 20-Pin PDIP</a>	LTA-1000HR	
C1	<a href="#">CAP,TANT,.33uF,35V,10% -10</a>	TM.33-R	
C3	<a href="#">CAP,TANT,.1uF,35V,10%</a>	TM.1	
C31	<a href="#">CAP,CERM,TRIM,8mm,4-34pF, 250V,COLOR YELLOW</a>	CTC08-30-R	
C32	<a href="#">@CAP,CERM,DISC,5PF,1KV,20% INCREMENTS of 10</a>	332304	
U1	<a href="#">Standard Regulator 5 Volt 2.2A 3-Pin (3+Tab) TO-220</a>	LM7805CT	
Heat Sink	<a href="#">Heat Sink Passive TO-220 25.9°C/W Black Anodized</a>	326596	
SW1-4	<a href="#">Switch DIP Single Pole, Single Throw 8 Raised Rocker</a>	546581	
C7-17,21-22,34-46,55-59	<a href="#">@ CAP,CERM,DISC,.1uF,25V,20% INCREMENTS of 10</a>	151116	
U24-27,5,15	<a href="#">IC,74LS123</a>	46480	
U28	<a href="#">IC,74LS74</a>	48004	
U21	<a href="#">IC,74LS08</a>	46375	

U13,18	<a href="#">IC,74LS240</a>	47141	
U23	<a href="#">IC,74LS14</a>	46640	
U3,14,22	<a href="#">IC,74LS32</a>	47466	
U10,20	<a href="#">IC,74LS06</a>	46359	
U17	<a href="#">IC,74LS174</a>	46931	
U2,4,11	74LS682		<a href="#">296-14898-5-ND</a>
U8,16,9,6	<a href="#">IC,74LS244</a>	47183	
U12	<a href="#">IC,74LS20</a>	47095	
X1	CRYSTAL 32.768		
U7	<a href="#">IC,8259,PROG INTERRUPT CONTRLR DIP-28</a>	52775	
U19	MM58167 - IC MPU REAL TIME CLK 24 DIP		<a href="#">MM58167BN-ND</a>