Id	Designation	Designator
1	32.768KHz Crystal	X1
2	10K Trim Pot	RV1,RV3
3	USB Type B Right angle Female	J1
4	DC Power Jack	K4
5	40 pin ZIP Socket	U7
6	10K Resistor Array (9 pin)	RR6,RR4,RR2,RR3
7	1K Resistor, 5% , 0.25W	R8,R7,R6,R5,R4,R3,R9,R10,R12
8	0.1uF Capacitor (Disc)	C3,C4,C7
9	22pF Capacitor (Disc)	C12,C11
10	100uF/25V Capacitor	C2
11	1000uF/25V Capacitor	C1
12	IN4007 Diode	D6,D5,D16
13	16 Pin IC Base	IC1
14	RED LED	D3,D13,D12,D11,D10,D9,D8,D7,D14,D15,D2
15	470E Resistor, 5% , 0.25W	R2,R16,R27
16	10K Resistor, 5% , 0.25W	R1,R17,R26
17	2.2K Resistor, 5% , 0.25W	R19
18	220E Resistor, 5% , 0.25W	R18,R13
19	LM35 Sensor	RV2
20	3Pin Male header	K3,JP11
21	5Pin Male header	P3,P2,P1
22	8Pin Male header	P12,P10,P9,P8,P7,P17,P16,JP7,JP10,JP4,JP5
23	4Pin Male header	JP11,JP6
24	2Pin Male header	JP1
25	1Pin Male header	P13
26	Momentary Push tactile switch (12mm X 12mm X 8mm)	SW18
27	1.5A Bridge Rectifier	D1
28	8 pin DIP Switch	S1
29	16 pin Female header Straight	LCD1
30	40 pin IC Base	AFF1,AFF2,AFF3,AFF4
31	11.0592MHz Crystal	X3
32	2Pin Push Tactile switch	SW2,SW3,SW4,SW5,SW6,SW7,SW8,SW9,SW
33	Verticle 3 pin slide switch	SW1
34	LM7805 Regulator	U1
35	5V/10A Sugar Cube Relay (Black clolor)	K2,K1
36	Magnatic buzzer	SG1
37	Transistor BC557	Q1
38	4.7K Resistor, 5% , 0.25W	R11
39	CP2102	U10
40	Transistor BC548	Q8,Q7,Q5,Q4,Q6,Q2,Q3
41	7Pin Male header	P18

42	3.3K Resistor, 5% , 0.25W	R14,R15
43	2.2K Resistor, 5% , 0.25W	R20
44	68E Resistor, 5% , 0.25W	R24,R23,R22,R21
45	LDR	R25
46	2 pin Pheonix MKDSN connector	JP9,JP8
47	10 pin Right angle Box header	P5
48	8 pin IC Base	U2,U3,u5
49	Coin cell Battery holder(CR2032)	U4
50	3 pin Pheonix MKDSN connector	JP2,JP3
51	28 Pin IC Base	U6
52	Heat sink TO-220	HT1
53	Mounting Screw 3mm , 10mm long	SC1,SC2

	IC's and other component	
1	AT89S52	U7
2	ADC0809CCN	U6
3	DS1307	U2
4	AT24C16	U3
5	LM555	U5
6	L293D	IC1
7	16X2 Green LCD with Male Pin header solder	LCD1
8	Seven Segment (0.56") Common Anode	AFF1,AFF2,AFF3,AFF4
9	CR2032 Coin cell	U4

Package	Quantity	Supplier and ref
Through hole	1	
RM-065-103	2	
USB type B Through hole	1	
Through hole	1	
DIP-40	1	
SIL-9 TH	4	
Through hole	9	
Through hole	3	
Through hole	2	
Electrolytic , TH	1	
Electrolytic , TH	1	
Through hole	3	
DIP 16	1	
LED-5MM	12	
Through hole	3	
Through hole	3	
Through hole	1	
Through hole	2	
TO-92	1	
Through hole	2	
Through hole	3	
Through hole	11	
Through hole	1	
Through hole	1	
Through hole	1	
4 pin Through hole	1	
4 pin Through hole	1	http://html.alldatasheet.net/html-pdf/275435/MIC/W10M/51/1/W10M.html
DIP-16	1	
SIL-16	1	
DIP-40	4	
Through hole	1	
Through hole	18	
Through hole	1	
TO-220	1	
5pin Through hole	2	
Through hole	1	
TO92	1	
R4	1	
QFN-28	1	
TO92	7	
Through hole	1	

Through hole	2	
Through hole	1	
R4	4	
Through hole	1	
MKDSN	2	
Through hole	1	
DIP-8	3	
Through hole	1	
MKDSN	2	
Broad DIP-28	1	
2 Mounting hole	1	http://www.taydaelectronics.com/media/catalog/product/cache/1/image/500x500/9df78eab33525d08d6e5fb8d27136e95/a/-/a-1494.jpg
Flat head	2	
DIP-40	1	
N28B	1	
DIP-8	1	
DIP-9	1	
PDIP	1	
PDIP	1	
HD4470 based LCD	1	
0.56" , TH	4	
	1	