

4. Bill of Material for Electronic Components

Sl.No.	component detail	Value
1	C6	C-0.1UF-35V-case A
2	C8	C-0.1UF-50V-X7R-0603 ceramic
3	C11	
4	C12	
5	C13	
6	C14	
7	C15	
8	C16	
9	C4	C-100uF TANT 20V-CASE X
10	C1	C-10uF TANT 50V-CASE D
11	C2	C-1UF-35V-1206-A
12	C5	
13	C9	
14	C10	
15	C3	C-330uF 6v -CASE D
16	C7	
17	D1	
18	D2	

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19	D3	D1-MMSD4148T1G
20	U7	IC-CD40198-SO16
21	U6	IC-CD4069-SO14
22	U3	
23	U5	IC-LM2903-SO8
24	U2	IC-LM7805-DPACK
25	U1	IC-LM78L12-TO92
26	U4	IC-Microcontroller
27	R33	
28	R14	
29	R15	
30	R16	
31	R6	
32	R3	R-1.1K-1206 0.25W
33		R-10.5K
34	R2	
35	R4	
36	R9	
37	R10	
38	R17	
39	R18	
40	R34	
41	R35	R-10K-1206 ,500mW
42	R23	R-10M-0603

43	R20	
44	R21	
45	R22	
46	R29	
47	R30	
48	R31	R-220K-0603,200mW
49	R5	
50	R24	
51	R25	
52	R26	
53	R27	R-3, 3K-1206 330mW
54	R1	
55	R11	
56	R12	
57	R13	
58	R28	R-33K-0603
59	R7	R-470E-1206
60	R8	R-47E-1206
61	R19	R-56k-1206
62	R32	R-6.8K-1206
63	Q1	
64	Q2	SCR-2N5062-T092