



Id	Designator	Package	Quantity	Designation
1	U1	DIP-28_W15.24mm_Socket	1	27C512
2	R32	R_Axial_DIN0204_L3.6mm_D1.6mm_P7.62mm_Horizontal	1	500k
3	R5,R3,R43,R44,R27,R25,R24,R28,R29,R30,R23,R22,R12,R11,R13,R14,R10,R15,R8,R9,R21,R20,R19,R18,R17,R16,R1,R2	R_Axial_DIN0204_L3.6mm_D1.6mm_P7.62mm_Horizontal	28	1k
4	R4,R49	R_Axial_DIN0204_L3.6mm_D1.6mm_P7.62mm_Horizontal	2	2.2k
5	U4	PLCC-84_THT-Socket	1	EPM7128SLC84-15N
6	J2,J1	CUI_RCJ-013	2	RCJ-013
7	C7	CP_Radial_D4.0mm_P2.00mm	1	10u
8	J4	SWITCHCRAFT_35RAPC4BHN2	1	PJ307
9	R38,R36,R31,R53,R37,R7	R_Axial_DIN0204_L3.6mm_D1.6mm_P7.62mm_Horizontal	6	10k
10	R35	R_Axial_DIN0204_L3.6mm_D1.6mm_P7.62mm_Horizontal	1	470
11	Q1,Q3,Q2	TO-92_Inline	3	BC547B
12	D3	D_DO-35_SOD27_P7.62mm_Horizontal	1	1N4148
13	C16	C_Disc_D7.0mm_W2.5mm_P5.00mm	1	10n
14	C15,C2,C23,C14,C13,C12,C11,C10,C9,C8,C5,C4,C3	C_Disc_D7.0mm_W2.5mm_P5.00mm	13	100n
15	U5	DIP-32_W15.24mm_Socket	1	628128
16	J3	BarrelJack_Horizontal	1	DC-005
17	U3	DIP-40_W15.24mm_Socket	1	Z84C0008PEC
18	R26	R_Axial_DIN0204_L3.6mm_D1.6mm_P7.62mm_Horizontal	1	47k
19	U2	DIP-40_W15.24mm_Socket	1	YM2149
20	Y2	Crystal_HC49-U_Vertical	1	16MHz
21	Y1	Crystal_HC49-U_Vertical	1	14.318MHz
22	U6	DIP-14_W7.62mm_Socket	1	74HCU04
23	SW1	SW_PUSH_6mm	1	SW_Push
24	RN1	R_Array_SIP9	1	10k
25	R52	R_Axial_DIN0204_L3.6mm_D1.6mm_P7.62mm_Horizontal	1	82
26	R51,R48	R_Axial_DIN0204_L3.6mm_D1.6mm_P7.62mm_Horizontal	2	1.2k
27	R50,R45	R_Axial_DIN0204_L3.6mm_D1.6mm_P7.62mm_Horizontal	2	8.2k
28	R47	R_Axial_DIN0204_L3.6mm_D1.6mm_P7.62mm_Horizontal	1	68
29	R46	R_Axial_DIN0204_L3.6mm_D1.6mm_P7.62mm_Horizontal	1	12k
30	R42	R_Axial_DIN0204_L3.6mm_D1.6mm_P7.62mm_Horizontal	1	15k
31	R41	R_Axial_DIN0204_L3.6mm_D1.6mm_P7.62mm_Horizontal	1	2.4k
32	R40,R6	R_Axial_DIN0204_L3.6mm_D1.6mm_P7.62mm_Horizontal	2	4.7k
33	R39	R_Axial_DIN0204_L3.6mm_D1.6mm_P7.62mm_Horizontal	1	20k
34	R33,R34	R_Axial_DIN0204_L3.6mm_D1.6mm_P7.62mm_Horizontal	2	1M
35	JP1	PinHeader_1x03_P2.54mm_Vertical	1	Jumper_3_Bridged12
36	J6	PinSocket_1x05_P2.54mm_Vertical	1	Conn_01x05
37	J5	PinSocket_1x08_P2.54mm_Vertical	1	Conn_01x08
38	J7	PinHeader_2x05_P2.54mm_Vertical	1	Conn_02x05
39	D10,D9,D8,D7,D6,D5,D4,D2,D1	D_DO-35_SOD27_P7.62mm_Horizontal	9	BAT85
40	C22	C_Disc_D3.8mm_W2.6mm_P2.50mm	1	100p
41	C21,C19	C_Disc_D3.8mm_W2.6mm_P2.50mm	2	47p
42	C18,C20	C_Disc_D3.8mm_W2.6mm_P2.50mm	2	33p
43	C17	C_Disc_D3.8mm_W2.6mm_P2.50mm	1	470p
44	C6	CP_Radial_D10.0mm_P3.80mm	1	470u
45	C1	CP_Radial_D6.3mm_P2.50mm	1	10u