Id	Designator	Package	Designation	Quantity
1	C13,C12,C11,C10,C9,C8,C7,C6,C5,C4,C3	C_0805_2012Metric_Pad1.15x1.40mm_HandSolder	100n	11
2	C2,C20,C25,C31,C24,C14,C38,C1,C34,C21,C18,C17,C16,C23,C22,C19,C29,C26,C15	C_Disc_D7.0mm_W2.5mm_P5.00mm	100n	19
3	C27	C_Disc_D3.8mm_W2.6mm_P2.50mm	33p	1
4	C28	C_Disc_D3.8mm_W2.6mm_P2.50mm	47p	1
5	C30,C32	CP_Radial_D10.0mm_P3.80mm	470u	2
6	C33	C_Disc_D5.0mm_W2.5mm_P2.50mm	3.3n	1
7	C35	CP_Radial_D5.0mm_P2.50mm	100u	1
8	C37,C36	C_Disc_D3.8mm_W2.6mm_P2.50mm	6p	2
9	C39	C_Disc_D7.0mm_W2.5mm_P5.00mm	47n	1
10	C40,C42,C41	CP_Radial_D5.0mm_P2.50mm	47u	3
11	C43	C_Disc_D3.8mm_W2.6mm_P2.50mm	470p	1
12	C44	C_Disc_D3.8mm_W2.6mm_P2.50mm	100p	1
13	D10,D9,D8,D7,D4,D3,D2,D1,D5,D11	D_DO-35_SOD27_P2.54mm_Vertical_AnodeUp	BAT85	10
14	D6	LED_D4.0mm	LED	1
15	J1	PinSocket_1x05_P2.54mm_Vertical	DS1020-05	1
16	J10	minidin-9	Mini-DIN-9	1
17	J11,J12	PJ-313	PJ-313	2
18	J13	ZX_EDGE	Conn_02x28_Row_Letter_First	1
19	J14	PinHeader_1x10_P2.54mm_Vertical	Conn_01x10	1
20	J15	GCT-MEM2055-00-190-01-A	MEM2055-00-190-01-A	1
21	J2	BarrelJack_Horizontal	DS-210	1
22	J3	PinSocket_1x08_P2.54mm_Vertical	DS1020-08	1
23	J5	PinHeader_2x05_P2.54mm_Vertical	Conn_02x05	1
24	J6,J8	PinHeader_2x05_P2.54mm_Vertical	Conn_02x05_Odd_Even	2
25	J7	DSUB-9_Male_Horizontal_P2.77x2.84mm_EdgePinOffset4.94mm_Housed_MountingHolesOffset7.48mm	DB9-M	1
26	J9	PinHeader_2x17_P2.54mm_Vertical	Conn_02x17_Odd_Even	1
27	JP2,JP1,JP3	PinHeader_1x02_P2.54mm_Vertical	Jumper	3
28	JP4	SolderJumper-2_P1.3mm_Open_RoundedPad1.0x1.5mm	SolderJumper_2_Open	1
29	LS1	Molex_KK-254_AE-6410-02A_1x02_P2.54mm_Vertical	Speaker	1
30	Q1	TO-220-3_Horizontal_TabDown	IRF9540	1
31	Q4	TO-92_Inline	BC547C	1
32	Q6,Q8,Q7,Q5,Q3,Q2	TO-92_Inline	BC547B	6
33	R11	R_Axial_DIN0204_L3.6mm_D1.6mm_P2.54mm_Vertical	33k	1
34	R15,R1	R_Axial_DIN0204_L3.6mm_D1.6mm_P2.54mm_Vertical	1M	2
35	R22,R14,R20,R5	R_Axial_DIN0204_L3.6mm_D1.6mm_P2.54mm_Vertical	100k	4
36	R46,R49,R48,R29,R28,R47,R45,R44,R43,R42,R41,R40,R39,R38,R37,R36,R35,R34,R33,R32,R31,R30	R_Axial_DIN0204_L3.6mm_D1.6mm_P5.08mm_Horizontal	1k	22
37	R50,R23	R_Axial_DIN0204_L3.6mm_D1.6mm_P2.54mm_Vertical	470	2
38	R52,R70,R74	R_Axial_DIN0204_L3.6mm_D1.6mm_P2.54mm_Vertical	270	3
39	R57,R54,R51	R_Axial_DIN0204_L3.6mm_D1.6mm_P2.54mm_Vertical	3.6k	3
40	R60,R64,R62,R77	R_Axial_DIN0204_L3.6mm_D1.6mm_P2.54mm_Vertical	4.7k	4
41	R63,R61,R59	R_Axial_DIN0204_L3.6mm_D1.6mm_P2.54mm_Vertical	12k	3
42	R65	R_Axial_DIN0204_L3.6mm_D1.6mm_P2.54mm_Vertical	1	1
43	R66,R69,R68,R67,R24,R9,R8,R6,R4,R3,R27,R26,R25,R12,R10,R2,R18,R17,R19,R82,R73	R_Axial_DIN0204_L3.6mm_D1.6mm_P2.54mm_Vertical	10k	21
44	R75,R86	R_Axial_DIN0204_L3.6mm_D1.6mm_P2.54mm_Vertical	20k	2
45	R81	R_Axial_DIN0204_L3.6mm_D1.6mm_P2.54mm_Vertical	2.4k	1
46	R84,R78,R21,R13,R16,R7	R_Axial_DIN0204_L3.6mm_D1.6mm_P2.54mm_Vertical	1k	6
47	R87,R53,R56,R58	R_Axial_DIN0204_L3.6mm_D1.6mm_P2.54mm_Vertical	68	4
48	R88,R83,R79,R76,R72,R71	R_Axial_DIN0204_L3.6mm_D1.6mm_P2.54mm_Vertical	2k	6
49	R89,R80,R55	R_Axial_DIN0204_L3.6mm_D1.6mm_P2.54mm_Vertical	47k	3
50	R91	R_Axial_DIN0204_L3.6mm_D1.6mm_P2.54mm_Vertical	2.2k	1
51	R92,R85	R_Axial_DIN0204_L3.6mm_D1.6mm_P2.54mm_Vertical	8.2k	2

52	R93,R90	R_Axial_DIN0204_L3.6mm_D1.6mm_P2.54mm_Vertical	1.2k	2
53	R94	R_Axial_DIN0204_L3.6mm_D1.6mm_P2.54mm_Vertical	82	1
54	RN1,RN2,RN3	R_Array_SIP9	10k	3
55	RN4	R_Array_SIP9	1.5k	1
56	RV1	Potentiometer_Runtron_RM-063_Horizontal	47k	1
57	SW1	Molex_KK-254_AE-6410-02A_1x02_P2.54mm_Vertical	SW_SPST	1
58	U1	DIP-14_W7.62mm_Socket	74HCU04	1
59	U10	TQFP-144_20x20mm_P0.5mm	EPM3256ATC144-10	1
60	U11	DIP-32_W15.24mm_Socket	AS6C4008-55PCN	1
61	U12	DIP-40_W15.24mm_Socket	MB8877A	1
62	U13	DIP-40_W15.24mm_Socket	AY-3-8310	1
63	U2	SOIC-16_3.9x9.9mm_P1.27mm	MAX314CSE/DG413DY	1
64	U3	SOIC-14_3.9x8.7mm_P1.27mm	74HC04	1
65	U4	SOIC-16_3.9x9.9mm_P1.27mm	74HC4050	1
66	U5	DIP-8_W7.62mm_Socket	LM311	1
67	U6	TO-220-3_Horizontal_TabDown	L7805	1
68	U7	DIP-40_W15.24mm_Socket	Z84C0010PEC	1
69	U8	SOT-223-3_TabPin2	AMS1117-3.3	1
70	U9	DIP-32_W15.24mm_Socket	SST39SF040	1
71	Y1	Crystal_HC49-U_Vertical	14.318MHz	1
72	Y2	Crystal_HC49-U_Vertical	32MHz	1