

Parts List

Item	Quantity	Reference	Part	Partname
1	28	BC1,BC2,BC3,BC4,C5,BC5, BC6,BC9,BC10,BC11,BC13 C15,BC15,BC18,BC19,BC20 BC22,BC24,BC26,BC27,C32, BC29,C33,C35,C37, C100,C104, C55	0.1uF	CHIP CERA
2	14	C3,C18,C21,BC21,BC23, BC25,C36,C39,C43,C52 C48,C108,C109,C110	10uF/	CHIP TANTAL
3	21	B1,B2,B5,B6,B7,B8,B9,B10, B11,B12,B13,B14,B16,B17, B18,B19,R31,R59,R63,R139, R140, B3	102	CHIP BEAD
4	2	B15,R149	301	CHIP BEAD
5	8	C1,C2,C10,C12 C38,C40,C41,C47	22pF	CHIP CERA
6	2	C6,C14	22uF/	CHIP TANTAL
7	1	C8	220uF/	CHIP TANTAL
8	3	C9,C11,C13	0.33uF	CHIP CERA
9	2	C25,C16	680pF	CHIP CERA
10	9	C17,C20,C31,C49,C50 C51,C53,C28,C54	1uF	CHIP CERA
11	3	C19,C23,C24	4.7uF/	CHIP TANTAL
12	2	C22,C34	5pF	CHIP CERA
13	4	C26,C27,C44,C45	100uF/	CHIP TANTAL
14	1	C30	47uF	CHIP CERA
15	33	R3,R4,R14,R15,R17,R18, R19,R20,R26,R30,R37,R38, C42,R45,R56,R67,R69,R82, R83,R84,R85,R86,R87,R88, R92,R96,R97,R98,R119, R124,R130,R134,R150	100K	Chip Resistor
16	14	R5,R13,C46,R70,R71,R72 R103,R104,R122,R133,R147 R73,R79,R81	10k	Chip Resistor
17	2	R44,R51	33K	Chip Resistor
18	2	R1,R2	47K	Chip Resistor
19	6	R6,R7,R8,R11,R61,R62	33	Chip Resistor
20	6	R9,R12,R125,R129,R142 R145	0	Chip Resistor
21	2	R80,R10	1K	Chip Resistor
22	1	R27	133K F	Chip Resistor
23	3	R29,R78,R136	270K	Chip Resistor
24	2	R32,R34	100KF	Chip Resistor
25	1	R33	18KF	Chip Resistor
26	4	R36,R57,R138,R146	4.7K	Chip Resistor
27	2	R46,R39	56K	Chip Resistor
28	4	R40,R42,R49,R50	20K	Chip Resistor
29	7	R41,R43,R47,R48,R77,R126, R141	2.7k	Chip Resistor
30	1	R135	82K	Chip Resistor
31	2	R54,R127	1M	Chip Resistor

32	1	R55	100	Chip Resistor
33	1	R60	1.5K	Chip Resistor
34	1	R74	2.2K	Chip Resistor
35	1	R151	150K	Chip Resistor
36	3	D2,D6,D12	KDS193	Chip Diode
37	1	D5	RB411D	Chip Diode schottky
38	4	D1,D3,D11,D15	SDB3101F	Chip Diode schottky
39	1	JP2	PHONEJACK	Phone Jack
40	1	JP3	MICRO PHONE	Micro Phone
41	1	J1(TOP)	60P MALE	B-B CONN
42	1	J2(BOTTOM)	60P FEMALE	B-B CONN
43	1	J3	LCD CON (10 Pin)	LCD CONN
44	1	J4	Header 2 Pin	POWER CONN
45	1	J4	CON2	Battery Conn
46	1	J10	MMC 2.5MM CONN	MMC CONN
47	1	J9	USB JACK	USB JACK
48	1	L1	10uH	Chip Inductor
49	2	Q1,Q5	3879	Chip TR
50	1	Q3	Si2305DS-T1	Chip FET
51	1	Q6	KTC3879	Chip TR
52	1	Q7	Si2305F-T1	Chip FET
53	1	S1	PLAY	Tact S/W angle
54	1	S2	STOP	Tact S/W angle
55	1	S3	UP	Tact S/W
56	1	S4	DOWN	Tact S/W
57	1	S5	FF	Tact S/W angle
58	1	S6	REW	Tact S/W angle
59	1	S7	REPEAT	Tact S/W angle
60	1	S8	MODE	Tact S/W angle
61	1	S10	4SW SPST	Slide S/W
62	1	S9	FOLDER	Tact S/W Special
63	1	U1	TMS320VC5410A	IC DSP
64	1	U2	74LVC14	IC Inverter
65	1	U4	KIA7025	IC Reset
66	1	U5	74LVC139	DEMULTIPLEXER
67	1	U6	25LC320	IC EEPROM
68	1	U7	74LVC245	IC Tranceiver
69	1	U8	TLC549	AD Converter
70	1	U9	MAX1705	DC-DC Converter
71	2	U11,U10	FLASH MEMORY	Flash memory
72	1	U12	PCM3002	Codec
73	1	U13	TLV6110	Audio Amp
74	1	U14	GDS30C6001	IC USB
75	1	U15	AN33	IC regulator
76	1	U17	SN101940	Audio Amp
77	1	U21	ELD4310	EL Driver IC
78	1	Y1	11.2896MHz	Crystal
79	1	Y2	48MHz	Crystal