

Parts List of Otis

June 7, 2001

Item	Quantity	Reference	Name	Part
1	30	BC1,BC2,BC3,BC4,C5,BC5, BC6,BC7,BC8,BC9,BC10, BC11,BC12,BC13,C15,BC15, BC16,BC17,BC18,BC22,BC24, BC26,BC27,C32,C33,C35, C37,C55,C100,C104	C CHIP CERA	0.1uF
2	9	C18,C21,BC21,BC23,BC25, C36,C39,C43, C3	C CHIP TANTAL	10uF
3	18	B1,B2,B3,B4,B5,B6,B7,B8, B9,B10,B11,B12, B16,B19,B20,R31,R59, R63	EMI-Filter	102
4	2	R2,B18	EMI-Filter	301
5	7	C1,C2,C10,C12,C38,C40, C41	C CHIP CERA	22pF
6	2	C6,C14	C CHIP TANTAL	22uF
7	1	C8	C CHIP TANTAL	220uF
8	3	C9,C11,C13	C CHIP CERA	0.33uF
9	2	C16,C25	C CHIP CERA	680pF
10	5	C17,C20,C28,C31, C54,	C CHIP CERA	1uF
11	3	C19,C23,C24	C CHIP TANTAL	4.7uF
12	2	C22,C34	C CHIP CERA	5pF
13	4	C26,C27,C44,C45	C CHIP TANTAL	100uF
14	2	C30,C105	C CHIP TANTAL	47uF
15	36	R3,R4,R5,R14,R15,R17,R18, R19,R20,R23,R24,R26,R37, R38,C42,R45,R52,R56,R67, R68,R69,R81,R82,R83,R84, R85,R86,R87,R88,R92,R96, R97,R98,R99,R105,R118,	Chip-Res	100k ohm
16	16	R13,R16,R25,R40,R42,C46, R101,R102,R103,R104, R113,R114,R115,R116,R117, R122	Chip-Res	10k ohm
17	2	D2,D6	Diode	KDS193
18	2	D5,D7	Shottky Diode	RB411D
19	1	JP2	Earphone Jack	PHONEJACK
21	2	J1,J2	Board to Board Con.	60P Connector
22	1	J3	LCD CON	LCD CON
23	1	J4	BAT+	BAT+
24	1	J5	BAT-	BAT-
25	1	J6	DC-JACK	DC-JACK
26	1	J8	SDCARD 2.5MM CONN	SDCARD 2.5MM CONN
27	1	J9	USB JACK	USB JACK
28	1	L1	Power Inductor	10uH
29	2	Q1,Q2	PNP Tr	2n3906
30	1	Q3	NPN Tr	KTC3879
31	7	R6,R7,R8,R11,R61,R62,R76	Chip-Res	33
32	3	R12,R9,R100	Chip-Res	0
33	1	R10	Chip-Res	1k
34	2	R29,R27	Chip-Res	133K ,1%
35	1	R28	Chip-Res	20K ,1%
36	2	R32,R34	Chip-Res	100K ,1%
37	1	R33	Chip-Res	18K ,1%
38	5	R35,R36,R57,R90,R91	Chip-Res	4.7K
39	2	R39,R46	Chip-Res	56K
40	4	R41,R43,R47,R48,	Chip-Res	2.7K
41	5	R44,R49,R50,R51,R123	Chip-Res	20k
42	2	R55,R53	Chip-Res	100
43	3	R54,R64,R65,	Chip-Res	1M

Item	Quantity	Reference	Name	Part
44	1	R60	Chip-Res	1.5K
45	1	R93	Chip-Res	15k
47	1	S1	Tact S/W	PLAY
48	1	S2	Tact S/W	STOP
49	1	S3	Angle Tact S/W	UP
50	1	S4	Angle Tact S/W	DOWN
51	1	S5	Tact S/W	FF
52	1	S6	Tact S/W	REW
53	1	S7	Angle Tact S/W	SEC+ (Mode)
54	1	S8	Angle Tact S/W	SEC- (B-Mark)
55	1	S9	Angle Tact S/W	Mode(REC)
56	1	S10	Slide S/W	Hold
57	1	U1	DSP CORE	TMX320VC5416
58	1	U2	HEX Inverter	74LVC14A
59	1	U4	RESET IC	KIA7025
60	1	U5	Demultiplexer	74LVC139A
61	1	U6	EEPROM	25LC320
62	1	U7	Tranceiver	74LVC245
63	1	U8	AD converter	TLC549
64	1	U9	DCDC	MAX1705
65	2	U10,U11	FLASH MEMORY	FLASH MEMORY
66	1	U12	Codec	PCM3002
67	1	U13	Audio amp	TPA6610
68	1	U14	USB Driver	GDS30C6001
69	1	U15	Regulator	AIC1722-33CX
70	1	U19	MOS FET	SSD2019
71	1	U20	Buffer	74LVC126
73	1	Y1	Crystal	22.5792MHz
74	1	Y2	Crystal	48MHz