

30" Parts List MAIN B'd

Item	Quantity	Reference	Part
1	7	PL1,NL1,AL1,PL2,L5,L57, L58	FB_40_OHM_800MA_NS
2	64	RA1,AR1,RA2,AR2,RA3,AR3, RA4,AR4,RA5,RA6,RA13, RA20,RA21,RA22,RA23,RA24, RA25,RP27,RP29,RA38,RP52, RP53,RP54,RP55,RP57,RP58, RP59,RP60,RP68,RP69,RP70, RP71,RP72,RP73,RP74,RP75, RP76,RP77,RP78,RP79,RP80, RP81,RP82,RP83,RP84,RP85, RP86,RP87,RP88,RP89,RP90, RP91,RP92,RP93,RP94,RP95, RP96,RP97,RP98,RP99, RP100,RP101,RP102,RP103	47R
3	89	VP1,UP1,TP1,SP1,GP1,ATP1, VP2,TP2,SP2,GP2,ATP2,VP3, SP3,GP3,ATP3,VP4,SP4,GP4, ATP4,VP5,TP5,SP5,GP5, ATP5,VP6,TP6,SP6,GP6, ATP6,VP7,TP7,SP7,GP7, ATP7,VP8,TP8,SP8,GP8, ATP8,VP9,TP9,SP9,GP9, ATP9,VP10,TP10,SP10,GP10, VP11,TP11,SP11,GP11,VP12, TP12,SP12,GP12,VP13,TP13, GP13,VP14,TP14,GP14,VP15, TP15,GP15,VP16,TP16,GP16, VP17,TP17,GP17,VP18,TP18, GP18,VP19,TP19,GP19,VP20, TP20,GP20,VP21,TP21,GP21, VP22,TP22,GP22,TP23,GP23, TP24	TP
4	1	AU1	ACEX1K10_144
5	1	AU2	AT17C512A_EPC1441PC8
6	1	AU3	IMP811_NS
7	1	AU4	24LC32A_NS
8	35	TR1,BR1,TR3,ER6,ER7,ER9, XR10,ER10,XR11,R11,R12, NR12,R13,NR14,NR15,R19, ER19,R20,R21,R22,R23,R24, MR24,R25,R26,R27,R29,R32, R85,R90,R116,R128,R130, R260,R261	0_NS
9	30	RG1,TR2,BR2,TR4,ER8,NR13, ER15,NR16,ER16,NR17,ER17, NR18,ER18,R28,R30,R31, R33,R34,R35,R38,R47,R127,	0

		R129,R140,R183,R186,R206, R232,R290,R291	
10	3	BR3,NR10,NR35	1K_NS
11	15	XR3,XR4,BR4,NR7,XR9,XR12, XR13,MR16,XR17,XR23,XR26, R44,R46,R48,R50	10K_NS
12	2	CN7,CJ1	53014-0610_NS
13	2	CNT1,CNT2	HDR_6x2_MA25
14	1	CN1	53015-1410
15	1	CN2	53015-1410_NS
16	2	CN8,CN3	53015-1310
17	1	CN4	DF14-20-1.25
18	2	CN5,CN6	53014-0410
19	1	CN9	DF14-30-1.25_NS
20	1	CN10	SOCKET_2X4_2.5
21	241	SC1,PC1,NC1,C1,NC2,LC2, SC3,LC3,FC3,EC3,LC4,EC4, LC5,EC5,LC6,EC6,LC7,EC7, C7,C8,LC9,LC10,EC10,C10, LC11,EC11,C11,NC12,LC12, EC12,C12,LC13,EC13,C13, LC14,C14,NC15,LC15,C15, EC16,C16,C17,C18,C19,C20, C21,C22,C23,C24,C26,C28, C29,C30,C33,C35,C38,C39, C41,C42,C43,C44,C47,C48, C49,C50,C51,C52,C53,C54, C55,C56,C58,C59,C61,C62, C64,C65,C66,C67,C69,C70, C74,C75,C77,C78,C79,C82, C83,C84,C85,C86,C87,C88, C90,C91,C105,C107,C111, C132,C135,C138,C139,C145, C148,C149,C150,C151,C152, C158,C160,C162,C163,C164, C165,C166,C167,C168,C169, C170,C172,C173,C175,C176, C177,C178,C179,C181,C188, C189,C190,C191,C192,C195, C196,C197,C198,C199,C201, C202,C203,C205,C207,C208, C209,C210,C214,C215,C216, C220,C222,C223,C225,C226, C227,C246,C248,C249,C250, C251,C252,C253,C258,C259, C260,C261,C262,C263,C264, C265,C266,C267,C268,C269, C270,C271,C272,C276,C277, C278,C282,C284,C285,C287, C288,C289,C309,C310,C312, C313,C314,C315,C316,C320, C322,C323,C324,C325,C326, C327,C328,C329,C330,C331,	0.1UF(bypass)

		C332,C333,C334,C341,C342, C379,C384,C385,C387,C388, C390,C391,C392,C393,C394, C395,C396,C397,C398,C399, C400,C402,C403,C411,C412, C414,C415,C417,C418,C419, C420,C421,C422,C423,C424, C425,C426,C427	
22	3	SC2,C2,C3	220uF/35V/10
23	15	WC1,C4,C221,C224,C247, C257,C281,C283,C286,C311, C321,C386,C389,C413,C416	22uF/6.3V/4
24	20	LC1,EC1,EC2,C5,C6,LC8, EC8,EC9,EC14,C31,C32,C37, C40,C80,C133,C136,C171, C174,C180,C193	47uF/6.3V/5
25	3	SC4,C9,EC15	330uF/16V
26	5	C25,C34,C57,C159,C161	47uF/16V
27	11	C27,C36,C45,C46,C60,C68, C71,C343,C361,C369,C404	100uF/16V/6.3
28	12	C72,C73,C142,C143,C217, C218,C254,C255,C279,C280, C317,C318	18pF
29	1	C76	22uF/6.3V/4_NS
30	1	C81	0.1uF
31	6	C92,C93,C94,C95,C96,C97	12pF
32	8	C98,C108,C109,C110,C113, C114,C115,C118	1uF
33	2	C101,C99	470uF/16V/10
34	2	C100,C102	470uF/16V/10_NS
35	3	C103,C112,C140	100uF/16V
36	1	C104	100uF/16V_NS
37	1	C106	470uF/16V
38	6	NC5,NC6,NC7,C116,C117, C182	39nF
39	5	MC1,NC8,NC9,C119,C120	22uF/35V
40	9	C121,C122,C123,C124,C125, C126,C127,C128,C129	0.33uF
41	3	C130,C137,C141	56pF
42	2	C134,C131	470pF
43	6	C144,C194,C200,C204,C206, C219	10uF/16V/4
44	2	C146,C147	10uF/16V
45	1	C183	3.9nF
46	39	C184,C185,C187,C228,C229, C230,C231,C232,C233,C234, C235,C236,C237,C238,C239, C240,C241,C242,C243,C244, C245,C290,C291,C292,C293, C294,C295,C296,C297,C298, C299,C300,C302,C303,C304, C305,C306,C307,C308	47nF
47	1	C186	1nF

48	2 C273,C211	560pF
49	2 C274,C212	6800pF
50	2 C275,C213	68nF
51	2 C256,C319	1uF_NS
52	2 C428,C301	4.7nF
53	2 C401,C340	47uF/16V/6.3
54	2 C377,C405	15pF_NS
55	4 R173,R220,C378,C406	200
56	4 C380,C381,C407,C408	820pF
57	5 SD1,D1,D2,D3,D4	MBRS320
58	2 D11,D8	BAV70L
59	12 D9,D10,D12,D13,D14,D15, D16,D17,D18,D19,D20,D21	BAV99L
60	1 ED1	1N4004
61	8 EQ1,Q10,Q12,Q19,Q20,Q21, Q22,Q24	LM1117MPX-3.3_SOC223
62	1 EQ2	LM1117MPX-2.5_SOC223_NS
63	10 ER1,ER2,R3,ER3,ER4,R8, ER11,ER21,R41,R49	1K
64	8 ER5,R14,R15,R16,R17,R45, R276,R305	4.7K
65	7 NR9,NR11,ER12,ER20,NR34, R138,R184	3.3K_NS
66	36 MR3,MR4,MR5,MR6,R7,MR7, MR8,MR9,MR10,MR11,MR12, MR13,ER13,MR14,MR15,MR17, MR18,MR19,MR20,MR21,MR22, MR23,R55,R56,R57,R58,R59, R60,R61,R93,R94,R112, R152,R153,R198,R199	10K
67	9 MR2,ER14,R106,R115,R248, R277,R280,R298,R306	33
68	8 RQ1,FQ1,FQ2,RQ3,FQ7,FQ9, Q13,Q15	MMBT3904LT1_NS
69	1 FQ3	TR_NS
70	2 FQ8,FQ4	IRF7314_NS
71	2 Q7,FQ5	IRF7314
72	6 FQ6,Q8,Q9,Q11,Q14,Q17	MMBT3904LT1
73	2 JP1A,JP1B	HD2.0-25P
74	1 JP1	HDR_V,25x2_NS
75	1 JP2	HDR_20X2_2.0_NS
76	1 JP3	HDR_17X2_2.0_NS
77	5 SL1,L1,L2,L3,L4	47uH
78	31 WL1,NL2,PL3,PL4,L6,PL17, L19,L20,L21,L22,L23,L24, L25,L26,L27,L28,L29,PL30, L30,L31,L32,L37,L38,L39, L40,L41,L42,L43,L44,L59, L60	FB_40_OHM_800MA
79	3 L7,L9,L11	HH_1M2012_120
80	12 L45,L46,L47,L48,L49,L50, L51,L52,L53,L54,L55,L56	FB_40_OHM_800MA
81	7 MH1,MH2,MH3,MH4,MH5,MH6,	GND_HALL

	MH7	
82	25 MR1,R131,R133,R135,R139, R147,R162,R164,R165,R166, R185,R193,R208,R212,R213, R245,R246,R249,R250,R252, R268,R278,R281,R282,R284	47
83	4 NC3,NC4,NC13,NC14	0.33uF_NS
84	3 NC10,NC11,NC16	B_NS
85	23 NR1,NR2,R5,NR5,NR6,R9, R10,NR19,NR20,NR21,R39, R40,R63,R79,R80,R81,R82, R83,R84,R89,R92,R113, R126	3.3K
86	8 NR3,NR4,R119,R120,R270, R271,R299,R300	100
87	1 NR8	R_NS
88	6 NR22,NR33,R122,R266,R292, R296	4.7K_NS
89	1 NU1	PI5V330S_NS
90	2 NU2,U21	PI5V330S
91	1 NU3	74LVC126A_NS
92	1 NU4	j-L003_NS
93	1 OSC1	OSC27M_3.3HALF_NS
94	2 OSC3,OSC2	OSC27M_3.3HALF
95	1 OSC4	OSC65M_3.3HALF_NS
96	1 PJ1	HEADER3
97	1 PP1	DFMD24-BPSC5_NS
98	1 PP5	JE0600612A_NS
99	1 P1	KPJ-4S
100	1 P2	DVI_FEMALE
101	1 P3	DB15HD
102	2 P4,P7	JE0600612A
103	1 P5	SCART
104	2 P6,P8	DIN4_V
105	3 P9,P11,P12	ST-215
106	1 P10	JE0400600N
107	2 Q28,Q1	LM2576S-12_263
108	1 Q2	LM1117MPX-1.5_SOC223
109	1 Q3	LM2576S-3.3_263
110	2 Q4,Q6	LM2576S-5.0_263
111	3 Q5,Q26,Q27	LM1117MPX-2.5_SOC223
112	4 VQ1,Q16,Q23,Q25	BC848B
113	1 Q18	KIA7808AF_DPAK
114	18 RA7,RA8,RA9,RA10,RA11, RA12,RA14,RA15,RA16,RA17, RA18,RA19,RA26,RA27,RA28, RA29,RA30,RA31	47R_NS
115	11 RP31,RA32,RP33,RA33,RA34, RP35,RA35,RA36,RP37,RA37, RP56	0R_NS
116	7 RA39,RA40,RA41,RA42,RA43, RA44,RA45	0R
117	20 RC1,RC2,RC3,RC4,RC5,RC6,	RSV_NS

	RC7,RC8,RC9,RC10,RC11, RC12,RC13,RC14,RC15,RC16, RC17,RC18,RC19,RC20	
118	9 RG2, RG3, RG4, RG5, R163, R172, R210, R211, R219	47_NS
119	12 RP39, RP40, RP41, RP42, RP43, RP44, RP45, RP46, RP47, RP48, RP49, RP50	33R
120	1 RP51	HB-4M3216-201
121	17 R1, R154, R156, R158, R160, R167, R170, R175, R200, R202, R204, R207, R214, R217, R221, R224, R307	18
122	1 R18	1M
123	13 R51, R52, R123, R262, R265, R267, R274, R275, R293, R295, R297, R303, R304	330
124	2 R263, R53	330_NS
125	4 R64, R97, R98, R99	75
126	2 R96, R95	2K
127	4 R103, R109, R178, R227	22
128	4 R104, R111, R179, R228	12K
129	6 R105, R114, R151, R180, R197, R229	22K
130	2 R110, R107	4.7_NS
131	4 R108, R117, R182, R231	1.8K
132	1 R136	3.3
133	1 R137	390
134	12 R141, R142, R143, R148, R149, R150, R187, R188, R189, R194, R195, R196	39
135	2 R190, R144	470
136	2 R191, R145	10.0K
137	2 R192, R146	6.8K
138	16 R155, R157, R159, R161, R168, R171, R176, R201, R203, R205, R209, R215, R218, R222, R225, R308	56
139	6 R169, R174, R177, R216, R223, R226	110
140	3 R181, R230, R269	33_NS
141	2 R264, R294	75_NS
142	2 R272, R301	10M
143	2 SJ2, SJ1	HEADER3_NS
144	2 SW2, SW1	TACT
145	1 U2	PW181
146	1 U3	74LVC32
147	1 U4	24LC32A
148	1 U5	FLASH_8M
149	1 U6	IMP811
150	1 U7	PIC12C5XX_NS
151	1 U8	74LVC541A_NS
152	2 U12, U11	24LC21

153	1 U14	TDA1517P
154	1 U15	TDA1517P_NS
155	1 U17	MSP3450G
156	1 U19	DS90C385
157	1 U22	AD9883A_140
158	1 U23	74LVC126A
159	1 U24	SII161
160	2 U29,U25	Z86229_NS
161	2 U30,U26	SAA5264
162	2 U31,U27	24C16
163	2 U28,U32	SAA7118_BGA
164	1 U35	MDIN150
165	1 U36	74LVC126A_
166	1 U37	K4S643232C
167	1 U38	MDIN150_
168	1 U39	K4S643232C_
169	2 VR1,VR2	VR_NS
170	6 XC1,XC2,XC4,XC5,XC6,XC16	10uF/6.3V/5_NS
171	10 XC3,XC7,XC9,XC11,XC15, XC17,XC18,XC20,XC21,XC22	0.1uF(10%)_NS
172	1 XC8	4.7uF(10%)_NS
173	2 XC19,XC10	22pF(10%)_NS
174	1 XC12	0.018uF(10%)_NS
175	1 XC13	0.001uF(10%)_NS
176	1 XC14	0.082uF(10%)_NS
177	1 XC23	4.7uF/6.3V/5_NS
178	3 XJ1,XJ2,XJ3	VR10K_NS
179	1 XJ4	HEADER3_NS
180	1 XJ5	VR100K_NS
181	2 XR7,XR1	2.2K_NS
182	4 XR2,XR5,XR6,XR8	5K_NS
183	2 XR27,XR14	50K_NS
184	1 XR15	11.3K_NS
185	1 XR16	31.6K_NS
186	1 XR18	2.43K_NS
187	1 XR19	8.66K_NS
188	1 XR20	15K_NS
189	1 XR21	30.1K_NS
190	2 XR24,XR22	8.87K_NS
191	1 XR25	21K_NS
192	3 XR28,XR31,XR32	7.87K_NS
193	1 XR29	1.54K_NS
194	1 XR30	20K_NS
195	1 XR33	15.8K_NS
196	1 XR34	1.13K_NS
197	1 XU1	AP8202Q_NS
198	1 Y1	XTAL14.31818
199	1 Y2	XTAL18.432
200	2 Y5,Y3	XTAL12.000
201	2 Y4,Y6	XTAL24.576

30" Parts List TUNER B'd

Item	Quantity	Reference	Part
1	4	CT1,CT3,CT5,CT7	47uF/6.3V/5
2	4	CT2,CT4,CT6,CT8	0.1uF
3	4	LT1,LT2,LT3,LT4	FB_40_OHM_800MA
4	3	RT1,RT3,RT4	0_NS
5	5	RT2,RT5,RT6,RT7,RT8	0
6	2	TC1,TC3	B
7	1	TC2	47uF/16V
8	1	TC4	100uF/16V/6.3
9	1	TD1	MBRS320
10	3	TH1,TH2,TH3	GND_HALL
11	2	TJ1,TJ2	HDR_6x2_FE25
12	1	TL1	47uH
13	1	TQ1	LM2576S-5.0_263
14	2	UT2,UT1	TCPQ9091PD27E_PAL

30" Parts List OSD B'd

Item	Quantity	Reference	Part
1	1	CNR1	53015-1310
2	1	CR1	B
3	1	CR2	100uF/6.3V/5
4	1	DR1	GRN_RED_3MM
5	3	OH1,OH2,OH3	GND_HALL
6	1	RR1	330
7	1	RR2	470
8	7	SWR1,SWR2,SWR3,SWR4,SWR5, SWR6,SWR7	SW SPST
9	1	UR1	RPM7138-V4