

PT6500-02 PARTS LIST

NO.	Description	Ref.No
RF PARTS LIST		
1	PT6500PCB / PT6500U-070521. PCB	
2	IC / 24LC256I/SN	IC8
3	IC / PST9140NR	IC11
4	IC / TA31136FN, SSOP	IC4
5	IC / AK2346	IC6
6	IC / XC6204B502MR	Q40, Q45
7	IC / TC75W51FU, SSOP8-P-0.65	IC1, IC14
8	IC / TDA8541, S08	IC9
9	IC / ADF4111, TSSOP	IC2
10	IC / XC62FP3502PR, SOT-89	IC16
11	IC / HT9172, SOP	IC10
12	IC / NJM2902V, OP-AMP	IC5
13	IC / NJM2904V, OP-AMP	IC3
14	CPU / M16C-M3062LFGPGP, FLASH, 100P6Q-A	IC7
15	DIODE / MA742 (PANASONIC)	D22, D35, D36, D37
16	DIODE / 1SR154-400 (ROHM)	D33
17	DIODE / 1SV278	D9
18	DIODE / 0603, MA2S111 (PANASONIC)	D10, D16, D20, D38
19	DIODE / DAN222, (ROHM)	D18, D19
20	DIODE / HSC277 (HITACHI)	D3, D7, D17
21	DIODE / 0603, HVC131 (HITACHI)	D1, D39
22	DIODE / 0603, HVC355B (HITACHI)	D21, D23
23	DIODE / HVC376B	D2, D4, D5, D6, D11, D12, D13, D14, D27, D28, D29, D30, D40
24	DIODE / HZU5ALL (HITACHI)	D15
25	DIODE / 0603, GREEN, H19-213SYGC	D26, D31
26	DIODE / 0603, RED, 19-21SURC/S530-A2/TR8	D25
27	DIGITAL TRANSISTOR / DTA123JE (ROHM)	Q26, Q44
28	DIGITAL TRANSISTOR / DTA143TE	Q7, Q9
29	DIGITAL TRANSISTOR / DTA144EE (ROHM)	Q12, Q25, Q36, Q50
30	DIGITAL TRANSISTOR / DTC144EE (ROHM)	Q13, Q16, Q22, Q23, Q24, Q32, Q35, Q42, Q52
31	DIGITAL TRANSISTOR / DTC144EUA (ROHM)	Q10
32	DIGITAL TRANSISTOR / 2SA1586	Q38, Q47
33	DIGITAL TRANSISTOR / 2SC3356	Q5
34	DIGITAL TRANSISTOR / 2SC4116-GR	Q41
35	DIGITAL TRANSISTOR / 2SC4617(S) (ROHM)	Q14, Q21, Q30, Q31, Q53
36	DIGITAL TRANSISTOR / 2SC5108Y (TOSHIBA)	Q2, Q4, Q8, Q15, Q20, Q49
37	DIGITAL TRANSISTOR / 2SK508NV (K52)	Q6, Q11
38	DIGITAL TRANSISTOR / 3SK318	Q18, Q19

39	DIGITAL TRANSISTOR / RQA0002	Q1
40	DIGITAL TRANSISTOR / RDO1MUS2	Q3
41	DIGITAL TRANSISTOR / 2SK1824	Q29, Q33, Q34, Q37, Q46, Q51, Q54
42	DIGITAL TRANSISTOR / 2SK1829	Q17
43	DIGITAL TRANSISTOR / ST2301	Q39, Q43
44	SKRTLBE010	SW3
45	RY-6472	SW2
46	JTBM450CX24	CD1
47	LTWC450F, 450kHz \pm 7kHz	CF2
48	LTWC450H, 450kHz \pm 3kHz	CF1
49	DSF753SBF, 51.65MHz \pm 4kHz/3dB, (7.0x5.0x1.3)mm	XF1
50	CHIP R / 0402, 0R \pm 5%	C135, C136, C255, R54, R94, R152, R175, R178, R187, R227, R240, R258, R264, R269, R272, R291, R298, R307, R308, R317
51	CHIP R / 0402, 10R \pm 5%	R2, R47, R49, R69, R77, R267, R290
52	CHIP R / 0402, 100R \pm 5%	R20, R22, R108, R268
53	CHIP R / 0402, 1K \pm 5%	R11, R12, R40, R51, R68, R76, R118, R148, R154, R160, R167, R168, R192, R198, R217, R221, R225, R226, R233, R238, R241, R245, R277, R289, R294, R297, R299, R301, R310, R316
54	CHIP R / 0402, 10K \pm 5%	R21, R59, R126, R139, R144, R172, R176, R199, R211, R266, R284, R287, R288, R302
55	CHIP R / 0402, 100K \pm 5%	R186, R193, R204, R213, R279, R283, R300, R304, R309
56	CHIP R / 0402, 1M \pm 5%	R8, R60, R109, R113, R114, R115, R116, R120, R127, R234, R237, R243, R270
57	CHIP R / 0402, 12K \pm 5%	R140, R191
58	CHIP R / 0402, 150R \pm 5%	R100
59	CHIP R / 0402, 1.5K \pm 5%	R28, R135, R180
60	CHIP R / 0402, 15K \pm 5%	R50, R281
61	CHIP R / 0402, 150K \pm 5%	R6, R25, R42, R121, R157, R159, R179, R182, R235, R293
62	CHIP R / 0402, 180R \pm 5%	R52
63	CHIP R / 0402, 1.8K \pm 5%	R133
64	CHIP R / 0402, 18K \pm 5%	R184, R185, R278
65	CHIP R / 0402, 180K \pm 1%	R174, R194
66	CHIP R / 0402, 180K \pm 5%	R81
67	CHIP R / 0402, 200K \pm 5%	R61
68	CHIP R / 0402, 22R \pm 5%	R31, R36, R92, R230
69	CHIP R / 0402, 2.2K \pm 5%	R189, R231
70	CHIP R / 0402, 22K \pm 5%	R79, R80, R82, R83, R86, R102, R103, R141, R166, R244, R273, R313
71	CHIP R / 0402, 220K \pm 5%	R146, R161, R203
72	CHIP R / 0402, 270R \pm 5%	R19
73	CHIP R / 0402, 2.7K \pm 5%	R24, R45, R46, R181, R295
74	CHIP R / 0402, 27K \pm 5%	R125, R153, R195, R280
75	CHIP R / 0402, 270K \pm 5%	R34, R38

76	CHIP R / 0402, 330R±5%	R14, R107, R119
77	CHIP R / 0402, 3.3K±5%	R112, R123, R128, R177
78	CHIP R / 0402, 33K±5%	R171, R215, R247, R248, R311
79	CHIP R / 0402, 330K±5%	R97, R232, R239
80	CHIP R / 0402, 36K±5%	R87
81	CHIP R / 0402, 39K±5%	R35, R101
82	CHIP R / 0402, 390K±5%	R196
83	CHIP R / 0402, 47R±5%	R13
84	CHIP R / 0402, 470R±5%	C164, R263
85	CHIP R / 0402, 4.7K±5%	R4, R16, R37, R48, R62, R73, R74, R75, R89, R134, R136, R137, R145, R173, R197, R207, R216
86	CHIP R / 0402, 47K±5%	R7, R30, R32, R183, R206, R210, R214, R224, R228, R229, R242, R274, R276, R286, R292
87	CHIP R / 0402, 470K±5%	R29, R85, R156, R265, R271
88	CHIP R / 0402, 51K±5%	R151
89	CHIP R / 0402, 56R±5%	R117
90	CHIP R / 0402, 560R±5%	R41, R43, R44
91	CHIP R / 0402, 5.6K±5%	R10, R303
92	CHIP R / 0402, 56K±5%	R71, R142, R209, R220
93	CHIP R / 0402, 560K±5%	R88, R218, R219
94	CHIP R / 0402, 6.8K±5%	R98, R99
95	CHIP R / 0402, 82K±5%	R15, R169
96	CHIP R / 0402, 820K±5%	R285
97	CHIP R / 0603, 0R±5%	C139, L52, R95, R170, R201, R222, R282, R314
98	CHIP R / 0603, 10R±5%	L61
99	CHIP R / 0603, 100R±5%	R39
100	CHIP R / 0603, 1K±5%	R18
101	CHIP R / 0603, 100K±5%	R78, R105, R110, R250
102	CHIP R / 0603, 150R±5%	R9
103	CHIP R / 0603, 150K±1%	R53, R55, R58, R63, R67, R72
104	CHIP R / 0603, 180K±5%	R122, R124
105	CHIP R / 0603, 22R±5%	R27
106	CHIP R / 0603, 220R±5%	R104
107	CHIP R / 0603, 2.2K±5%	R1
108	CHIP R / 0603, 27K±5%	R70, R147, R275
109	CHIP R / 0603, 33R±5%	R33
110	CHIP R / 0603, 470R±5%	C165
111	CHIP R / 0603, 4.7K±5%	R138
112	CHIP R / 0603, 56R±5%	L59
113	CHIP R / 0603, 56K±5%	R84, R111
114	CHIP R / 0603, 68K±5%	R106, R246, R305
115	CHIP R / 0805, 0R±5%	L22, L54
116	CHIP R / 1206, 0R±5%	C294

117	CHIP R / 1206, 0.47R±5%	R57, R65, R66
118	10K, RY-6473	SW1
119	433003, 3A/32V, 1206	F1
120	220P*4, 0402	C288, C345, C346
121	CHIP C / 0402, 10P±0.5P, 50V, COG	C11, C59, C70, C142, C143
122	CHIP C / 0402, 100P±5%, 50V, COG	C84, C104, C105, C106, C121, C296
123	CHIP C / 0402, 1000P±10%, 50V, X7R	C179, C180, C192, C198, C204, C211, C212, C267, C283, C363
124	CHIP C / 0402, 0.01uF±10%, 50V, X7R	C44, C54, C91, C95, C115, C134, C152, C181, C196, C207, C232, C234, C256, C268, C275, C352, C362, C371, C372
125	CHIP C / 0402, 0.1uF±10%, 10V, X5R	C167, C33, C83, C99, C114, C151, C166, C177, C178, C199, C209, C216, C231, C233, C248, C251, C257, C274, C276, C280, C285, C293, C303, C310, C319, C326, C351, C353, C354, C359
126	CHIP C / 0402, 1uF±10%, 6.3V, X5R	C45, C87, C217, C218, C227, C237, C263, C271, C289, C299, C302, C304, C315, C339, C358
127	CHIP C / 0402, 12P±5%, 50V, COG	C190, C194, C347
128	CHIP C / 0402, 0.012uF±10%, 50V, X7R	C249
129	CHIP C / 0402, 15P±5%, 50V, COG	C22, C24, C108
130	CHIP C / 0402, 150P±5%, 50V, COG	C264
131	CHIP C / 0402, 18P±5%, 50V, COG	C38, C176
132	CHIP C / 0402, 1800P±10%, 50V, X7R	C201
133	CHIP C / 0402, 1P±0.25P, 50V, COG	C68, C69, C169
134	CHIP C / 0402, 1.5P±0.25P, 50V, COG	C170
135	CHIP C / 0402, 20P±5%, 50V, COG	C250
136	CHIP C / 0402, 22P±5%, 50V, COG	C242, C297, C298
137	CHIP C / 0402, 220P±5%, 50V, COG	C230, C364
138	CHIP C / 0402, 2200P±10%, 50V, X7R	C241, C246, C286
139	CHIP C / 0402, 0.022uF±10%, 50V, X7R	C140, C161, C214, C226, C325
140	CHIP C / 0402, 0.22uF±10%, 16V, X7R	C313
141	CHIP C / 0402, 27P±5%, 50V, COG	C260, C342
142	CHIP C / 0402, 2P±0.25P, 50V, COG	C123
143	CHIP C / 0402, 2.5P±0.1P, 50V, COG	C334
144	CHIP C / 0402, 33P±5%, 50V, COG	C10, C129, C154, C258
145	CHIP C / 0402, 330P±10%, 50V, X7R	C144
146	CHIP C / 0402, 0.033uF±10%, 16V, X7R	C157, C159, C219, C240, C265, C328, C330, C331
147	CHIP C / 0402, 3900P±10%, 50V, X7R	C320, C337
148	CHIP C / 0402, 0.039uF±10%, 50V, X7R	C239, C243, C277
149	CHIP C / 0402, 3P±0.25P, 50V, COG	C48
150	CHIP C / 0402, 47P±5%, 50V, COG	C101, C128, C252, C309

151	CHIP C / 0402, 470P±10%, 50V, X7R	C6, C7, C21, C23, C31, C34, C43, C46, C49, C56, C57, C58, C62, C63, C65, C67, C71, C73, C76, C77, C78, C79, C80, C81, C82, C85, C86, C92, C94, C97, C98, C100, C109, C110, C113, C119, C125, C126, C127, C131, C133, C137, C146, C150, C173, C175, C193, C202, C203, C205, C210, C223, C235, C244, C247, C253, C266, C270, C272, C279, C281, C282, C290, C301, C306, C311, C312, C316, C318, C321, C323, C324, C327, C329, C332, C333, C335, C338, C341, C356, C360, C365, C366, C367, C368, C369, C370, C376
152	CHIP C / 0402, 4700P±10%, 25V, COG	C287
153	CHIP C / 0402, 0.047uF±10%, 16V, X7R	C238
154	CHIP C / 0402, 4P±0.25P, 50V, COG	C186
155	CHIP C / 0402, 560P±10%, 16V, X7R	C245
156	CHIP C / 0402, 5P±0.25P, 50V, COG	C74, C75, C254
157	CHIP C / 0402, 0.068uF±10%, 16V, X7R	C158, C220, C269
158	CHIP C / 0402, 7P±0.5P, 50V, COG	C103, C124
159	CHIP C / 0402, 82P±5%, 50V, COG	C215
160	CHIP C / 0402, 0.5P±0.1P, 50V, COG	C88
161	CHIP C / 0603, 10P±5%, 50V, COG	C191
162	CHIP C / 0603, 100P±5%, 50V, COG	C30, C111, C374
163	CHIP C / 0603, 1000P±10%, 50V, X7R	C12, C13, C132, C160, C183, C184, C200
164	CHIP C / 0603, 0.01uF±10%, 50V, X7R	R90, R91
165	CHIP C / 0603, 11P±5%, 50V, COG	C25, C188
166	CHIP C / 0603, 12P±5%, 50V, COG	C26
167	CHIP C / 0603, 13P±5%, 50V, COG	C29
168	CHIP C / 0603, 18P±5%, 50V, COG	C37
169	CHIP C / 0603, 1P±0.25P, 50V, COG	C9, C55, C90
170	CHIP C / 0603, 1.5P±0.25P, 50V, COG	C2
171	CHIP C / 0603, 22P±5%, 50V, COG	C291, C295
172	CHIP C / 0603, 27P±5%, 50V, COG	C4
173	CHIP C / 0603, 2P±0.25P, 50V, COG	C1, C16, C41, C138
174	CHIP C / 0603, 30P±5%, 50V, COG	C8
175	CHIP C / 0603, 33P±5%, 50V, COG	C213
176	CHIP C / 0603, 39P±5%, 50V, COG	C36
177	CHIP C / 0603, 3P±0.25P, 50V, COG	C189
178	CHIP C / 0603, 3.5P±0.25P, 50V, COG	C3
179	CHIP C / 0603, 470P±10%, 50V, X7R	C5, C72, C168, C171, C206
180	CHIP C / 0603, 4P±0.25P, 50V, COG	C18, C60
181	CHIP C / 0603, 5P±0.25P, 50V, COG	C14, C17, C19, C42, C156, C174
182	CHIP C / 0603, 6P±0.5P, 50V, COG	C28, C50
183	CHIP C / 0603, 8P±0.5P, 50V, COG	C182
184	CHIP C / 0603, 0.5P±0.1P, 50V, COG	C40, C107
185	CHIP-TAN / TP#, SIZE P, 1uF±20%, 10V	C229, C236, C322, C355

186	CHIP-TAN / TP#, SIZE P, 4. 7uF±20%, 10V	C20, C89, C93, C120, C122, C130, C163, C197, C208, C225, C261, C262, C273, C278, C284, C305, C307, C308, C317, C336, C344, C350, C361
187	CHIP-TAN / TS#, SIZE P, 0. 68uF±20%, 10V	C172
188	CHIP-TAN / TS#, SIZE A, 0. 1uF±20%, 35V	C96, C102
189	CHIP-TAN / TS#, SIZE A, 1uF±20%, 16V	C112, C118
190	CHIP-TAN / TS#, SIZE A, 15uF±20%, 6. 3V	C141
191	TZV2Z100A110, 3 [~] 10p+100	C52, C117
192	SMALL FIXED INDUCTOR / LQG11N1R0K00, 1uH, 0603 (0141-05)	L48
193	SMALL FIXED INDUCTOR / C1608CB-18NJ, 18nH±5%, 0603	L24, L39
194	SMALL FIXED INDUCTOR / MLF1608R33K, 330nH±10%, 0603	L50
195	SMALL FIXED INDUCTOR / C1608CB-56NJ, 56nH±5%, 0603	L78
196	SMALL FIXED INDUCTOR / C1608CB-68NJ, 68nH±5%, 0603	L47, L53
197	SMALL FIXED INDUCTOR / MLG1608BR10J, 100nH±5%, 0603	L35
198	SMALL FIXED INDUCTOR / MLG1608B12NJT, 12nH±5%, 0603	L23
199	SMALL FIXED INDUCTOR / MLG1608B18NJT, 18nH±5%, 0603	L21
200	SMALL FIXED INDUCTOR / LGHK1608R18J-T, 180nH±5%, 0603	L7
201	SMALL FIXED INDUCTOR / MLG1608B22NJT, 22nH±5%, 0603	L15, L17
202	SMALL FIXED INDUCTOR / LGHK1608R22J-T, 220nH±5%, 0603	L20, L25, L31, L38, L46
203	SMALL FIXED INDUCTOR / MLG1608B27NJ, 27nH±5%, 0603	L26
204	SMALL FIXED INDUCTOR / MLF1608A3R3K, 3. 3uH±5%, 0603	L10, L37
205	SMALL FIXED INDUCTOR / MLF1608DR47K, 470nH±10%, 0603	L43
206	SMALL FIXED INDUCTOR / MLF1608DR56K, 560nH±10%, 0603	L44
207	SMALL FIXED INDUCTOR / C2012C-22NJ, 22nH±5%, 0805	L8
208	SMALL FIXED INDUCTOR / LQW2BHR22NJ03L / LQN21AR22J, 220nH±5%, 0805	L14
209	SMALL FIXED INDUCTOR / C2012C-27NJ, 27nH±5%, 0805	L36
210	SMALL FIXED INDUCTOR / FSLM2520-100J, 10uH±5%, 1008	L42
211	SMALL FIXED INDUCTOR / FSLM2520-R82K, 820nH±10%, 1008	L51
212	AIR-CORE COIL / 0. 4*1. 5*3TL	L1, L2, L3, L4, L5, L6, L12, L55, L57, L58
213	AIR-CORE COIL / 0. 5*1. 5*5T	L19
214	AIR-CORE COIL / 0. 4*1. 5*8TL	L18
215	EMI, FILTER, SMT, BLM11A221S, 0603	L9, L29, L30, L33, L34, L41, L49, L60, L62, L63, L64, L66, L68, L69, L70, L71, L72, L73, L74, L75, L76, L79
216	EMI, FILTER, SMT, BLM21P300S, 0805	L27, L28, L32, L65, L67, R143
217	NTH5G16P42B104K07TH, 100K, 0603	R188
218	NT5032SC, 12. 8±2. 5PPM, 5. 0*3. 2*1. 6mm	X1
219	ZTACC3. 58MG	X4
220	3. 6864MHz	X3
221	9. 8304MHZ-NX5032GA	X2
222	BL112-38RU, 38PIN	CN3
223	532680670, 6PIN	CN2
224	SP/MIC	J2

225	SP/MIC	J1
226	1K*4, 0603, 1/16W	R129, R130, R131, R158, R162, R163, R164, R165
227	IC / W588A080	IC13
KEY PARTS LIST		
1	PT6500PCB / PT6500-KEY-070226. PCB	
2	DIODE / 0603, 19-213/Y2C-ANQB/3T	D2, D3, D4, D5, D6, D7
3	DIGITAL TRANSISTOR / DTC144EE (ROHM)	Q2
4	DIGITAL TRANSISTOR / FMMT591TA, SOT-23, PNP (ZETEX)	Q1
5	CHIP R / 0402, 0R±5%	R4, R27
6	CHIP R / 0402, 100R±5%	R17, R18, R19
7	CHIP R / 0402, 1K±5%	R9, R10, R11, R12, R13, R14, R15, R16
8	CHIP R / 0402, 1.8K±5%	R20
9	CHIP R / 0402, 2.7K±5%	R1, R2, R3, R5, R6, R7
10	CHIP R / 0402, 470R±5%	R22
11	CHIP R / 0603, 0R±5%	R24
12	220P*4, 0402	C6, C7, C11
13	CHIP C / 0402, 1000P±10%, 50V, X7R	C12, C14, C18, C19, C21, C22
14	CHIP C / 0402, 0.01uF±10%, 50V, X7R	C13, C15
15	CHIP C / 0402, 0.1uF±10%, 10V, X5R	C17, C20, C41, C42
16	CHIP C / 0402, 220P±5%, 50V, COG	C1, C2, C8, C9, C23, C24, C25, C26, C27, C28, C36, C37
17	CHIP-TAN / TP型, SIZE P, 4.7uF±20%, 10V	C16
18	EMI, FILTER, SMT, BLM11A221S, 0603	L1, L2, L3, L4
19	MIC / B6027AP402-88	MIC1
20	10PIN, P1. 25-10PIN	CN2
21	BL112-38RU, 38PIN	CN3
PTT PARTS LIST		
1	PT6500PCB / PT6500-PTT-070226. PCB	
2	CHIP R / 0402, 20K±5%	R1
3	CHIP R / 0402, 4.7K±5%	R2
4	523650671, 6PIN	CN1