

PT6500-01 PARTS LIST

NO.	Description	Ref.No
RF PARTS LIST		
1	PT6500PCB / PT6500V-070801.PCB	
2	IC / UPB1509GV	IC1
3	IC / AT24C128	IC8
4	IC / PST9140NR	IC11
5	IC / TA31136FN, SSOP	IC4
6	IC / AK2346	IC6
7	IC / XC6204B502MR	Q40, Q45
8	IC / TC75W51FU, SSOP8-P-0.65	IC14, IC18
9	IC / TDA8541, S08	IC9
10	IC / ADF4111, TSSOP	IC2
11	IC / XC62FP3502PR, SOT-89	IC16
12	IC / HT9172, SOP	IC10
13	IC / NJM2902V, OP-AMP	IC5
14	IC / NJM2904V, OP-AMP	IC3
15	MCU / CPU, M16C-M30620FCPGP, FLASH	IC7
16	DIODE / MA742 (PANASONIC)	D22, D35, D36, D37
17	DIODE / 1SR154-400 (ROHM)	D33
18	DIODE / 1SV278	D9
19	DIODE / 1SV305	D27, D28, D29, D30
20	DIODE / 1SV325	D2, D6, D11, D14
21	DIODE / 0603, MA2S111 (PANASONIC)	D10, D16, D20, D38
22	DIODE / DAN222, (ROHM)	D18, D19
23	DIODE / HSC277 (HITACHI)	D3, D17
24	DIODE / 0603, HVC131 (HITACHI)	D1, D7, D8, D39
25	DIODE / HZU5ALL (HITACHI)	D15
26	DIODE / 0603, GREEN, H19-213SYGC	D26, D31
27	DIODE / 0603, RED, 19-21SURC/S530-A2/TR8	D25
28	DIGITAL TRANSISTOR / DTA123JE (ROHM)	Q26, Q44
29	DIGITAL TRANSISTOR / DTA143TE	Q7, Q9
30	DIGITAL TRANSISTOR / DTA144EE (ROHM)	Q12, Q25, Q36
31	DIGITAL TRANSISTOR / DTC144EE (ROHM)	Q13, Q16, Q22, Q23, Q24, Q32, Q35, Q42, Q52
32	DIGITAL TRANSISTOR / DTC144EUA (ROHM)	Q10
33	DIGITAL TRANSISTOR / 2SA1586	Q38, Q47
34	DIGITAL TRANSISTOR / 2SC3356	Q5
35	DIGITAL TRANSISTOR / 2SC4116-GR	Q41
36	DIGITAL TRANSISTOR / 2SC4617(S) (ROHM)	Q14, Q21, Q30, Q31, Q53
37	DIGITAL TRANSISTOR / 2SC5108Y (TOSHIBA)	Q2, Q4, Q8, Q20
38	DIGITAL TRANSISTOR / KTC4082, (KEC)	Q15
39	DIGITAL TRANSISTOR / 2SK508NV (K52)	Q6, Q11
40	DIGITAL TRANSISTOR / 3SK318	Q18, Q19
41	DIGITAL TRANSISTOR / RD01MUS2	Q3
42	DIGITAL TRANSISTOR / RD07MVS1	Q1
43	DIGITAL TRANSISTOR / 2SK1824	Q27, Q29, Q33, Q34, Q37, Q46, Q50, Q51, Q54
44	DIGITAL TRANSISTOR / 2SK1829	Q17
45	DIGITAL TRANSISTOR / ST2301	Q39, Q43
46	SKRTLBE010	SW3
47	RY-6472	SW2
48	JTBM450CX24	CD1
49	LTC450F, 450kHz $\pm$ 7kHz	CF2
50	LTC450G, 450kHz $\pm$ 5kHz	CF1
51	DSF753SBF, 51.65MHz $\pm$ 4kHz/3dB, (7.0x5.0x1.3)mm	XF1
52	CHIP R / 0402, 0R $\pm$ 5%	C255, R31, R54, R152, R175, R178, R187, R227, R240, R258, R262, R264, R269, R272, R291, R298, R304, R307, R308, R310, R319
53	CHIP R / 0402, 10R $\pm$ 5%	R2, R33, R47, R49, R69, R77, R267, R290
54	CHIP R / 0402, 100R $\pm$ 5%	R20, R22, R108, R268
55	CHIP R / 0402, 1K $\pm$ 5%	R7, R11, R40, R51, R118, R132, R148, R154, R160, R167, R168, R192, R198, R202, R205, R208, R217, R221, R225, R226, R241, R251, R253, R277, R289, R294, R297, R299, R301, R316, R320, R321, R322, R323, R324, R325, R326, R327, R328, R329, R330, R331, R332, R333, R334, R335, R336, R337, R338, R339, R340, R341, R342, R343, R344, R345, R346, R347, R348, R349, R350, R351
56	CHIP R / 0402, 10K $\pm$ 5%	R59, R73, R126, R139, R141, R144, R172, R199, R211, R252, R255, R266, R284, R287, R288, R302
57	CHIP R / 0402, 100K $\pm$ 5%	R76, R186, R193, R196, R204, R213, R279, R283, R300
58	CHIP R / 0402, 1M $\pm$ 5%	R60, R114, R115, R116, R120, R127, R234, R237, R243, R270

59	CHIP R / 0402, 12K±5%	R16, R140, R191, R209, R231
60	CHIP R / 0402, 120K±5%	R88
61	CHIP R / 0402, 150R±5%	R100
62	CHIP R / 0402, 1.5K±5%	R10, R45, R46, R180, R238
63	CHIP R / 0402, 15K±5%	R50, R233, R281
64	CHIP R / 0402, 150K±5%	R6, R25, R42, R121, R157, R159, R179, R182, R235, R293
65	CHIP R / 0402, 18R±5%	R5
66	CHIP R / 0402, 180R±5%	R52
67	CHIP R / 0402, 1.8K±5%	R87
68	CHIP R / 0402, 18K±5%	R184, R185, R278
69	CHIP R / 0402, 180K±1%	R81, R110, R174, R194
70	CHIP R / 0402, 2K±5%	R257
71	CHIP R / 0402, 22R±5%	R36, R92, R230
72	CHIP R / 0402, 220R±5%	R43
73	CHIP R / 0402, 2.2K±5%	R1, R68, R93, R135, R189
74	CHIP R / 0402, 22K±5%	C162, R74, R75, R79, R80, R82, R83, R86, R102, R103, R166, R244, R273
75	CHIP R / 0402, 220K±5%	R161, R203
76	CHIP R / 0402, 270R±5%	R19
77	CHIP R / 0402, 2.7K±5%	R24, R133, R181, R200, R212, R254, R295
78	CHIP R / 0402, 27K±5%	R101, R153, R195, R280
79	CHIP R / 0402, 270K±5%	R34, R38
80	CHIP R / 0402, 330R±5%	R14, R17, R23, R90, R107, R119, R150
81	CHIP R / 0402, 3.3K±5%	R12, R21, R112, R123, R128, R177
82	CHIP R / 0402, 33K±5%	R171, R215, R247, R248, R311
83	CHIP R / 0402, 330K±5%	R61, R97, R232, R239
84	CHIP R / 0402, 39K±5%	R35
85	CHIP R / 0402, 47R±5%	R8, R13, R28
86	CHIP R / 0402, 470R±5%	R263
87	CHIP R / 0402, 4.7K±5%	R4, R37, R48, R62, R98, R99, R125, R134, R136, R137, R145, R173, R197, R207, R216
88	CHIP R / 0402, 47K±5%	R30, R32, R183, R206, R210, R214, R224, R228, R229, R242, R274, R275, R276, R286, R292, R317, R318
89	CHIP R / 0402, 470K±5%	R29, R85, R156, R265, R271
90	CHIP R / 0402, 5.1K±5%	R176
91	CHIP R / 0402, 51K±5%	R151
92	CHIP R / 0402, 56R±5%	R117
93	CHIP R / 0402, 560R±5%	R26, R44
94	CHIP R / 0402, 5.6K±5%	R303
95	CHIP R / 0402, 56K±5%	R71, R142, R220
96	CHIP R / 0402, 560K±5%	R146, R218, R219
97	CHIP R / 0402, 680R±5%	R41
98	CHIP R / 0402, 68K±5%	R246
99	CHIP R / 0402, 82K±5%	R15, R169
100	CHIP R / 0402, 820K±5%	R285
101	CHIP R / 0603, 0R±5%	C12, L52, R94, R95, R170, R201, R222, R282, R305
102	CHIP R / 0603, 100R±5%	R39
103	CHIP R / 0603, 100K±5%	R106, R124, R250
104	CHIP R / 0603, 15R±5%	R27
105	CHIP R / 0603, 150R±5%	R9
106	CHIP R / 0603, 150K±1%	R53, R55, R58, R63, R67, R72
107	CHIP R / 0603, 220R±5%	R104
108	CHIP R / 0603, 27K±5%	R70
109	CHIP R / 0603, 330R±5%	R3, R18, R91
110	CHIP R / 0603, 4.7K±5%	R138
111	CHIP R / 0603, 82K±5%	R78, R84, R105, R111
112	CHIP R / 0805, 0R±5%	L54
113	CHIP R / 1206, 0R±5%	C294
114	CHIP R / 1206, 0.47R±5%	R57, R65, R66
115	10K, RY-6473	SW1
116	433003, 3A/32V, 1206	F1
117	CHIP C / 220P*4, 0402	C288, C345, C346
118	CHIP C / 0402, 10P±0.5P, 50V, COG	C11, C70, C142, C143
119	CHIP C / 0402, 100P±5%, 50V, COG	C84, C104, C105, C106, C121, C296

120	CHIP C / 0402, 1000P±10%, 50V, X7R	C6, C7, C21, C23, C31, C34, C37, C43, C46, C49, C56, C57, C62, C63, C65, C67, C73, C77, C78, C79, C80, C81, C82, C85, C88, C92, C94, C97, C98, C100, C109, C110, C113, C119, C126, C131, C133, C136, C146, C150, C154, C175, C179, C180, C192, C193, C202, C203, C205, C210, C211, C212, C235, C247, C253, C267, C270, C272, C279, C282, C283, C290, C301, C306, C311, C314, C318, C323, C329, C332, C333, C334, C335, C341, C347, C348, C350, C352, C360, C363, C365, C366, C367, C368, C369, C370, C376, C377
121	CHIP C / 0402, 0.01uF±10%, 50V, X7R	C44, C54, C91, C95, C115, C152, C164, C181, C196, C207, C219, C220, C232, C234, C256, C268, C275, C362, C372, C374
122	CHIP C / 0402, 0.1uF±10%, 10V, X5R	C33, C83, C99, C114, C151, C166, C167, C177, C178, C199, C209, C216, C231, C233, C248, C251, C257, C274, C276, C280, C285, C293, C303, C310, C319, C326, C359, C532
123	CHIP C / 0402, 1uF±10%, 6.3V, X5R	C45, C87, C217, C218, C263, C271, C289, C299, C302, C304, C315, C339, C353, C354, C358, C373, C375
124	CHIP C / 0402, 11P±5%, 50V, COG	C174
125	CHIP C / 0402, 120P±5%, 50V, COG	C101
126	CHIP C / 0402, 0.012uF±10%, 50V, X7R	C249
127	CHIP C / 0402, 13P±5%, 50V, COG	C176
128	CHIP C / 0402, 15P±5%, 50V, COG	C22, C59, C153
129	CHIP C / 0402, 150P±5%, 50V, COG	C264
130	CHIP C / 0402, 16P±5%, 50V, COG	C144
131	CHIP C / 0402, 18P±5%, 50V, COG	C64, C155
132	CHIP C / 0402, 1800P±10%, 50V, X7R	C201
133	CHIP C / 0402, 1.5P±0.25P, 50V, COG	C68, C69
134	CHIP C / 0402, 20P±5%, 50V, COG	C250
135	CHIP C / 0402, 22P±5%, 50V, COG	C55, C242, C297, C298
136	CHIP C / 0402, 220P±5%, 50V, COG	C230, C364
137	CHIP C / 0402, 2200P±10%, 50V, X7R	C241, C246
138	CHIP C / 0402, 0.022uF±10%, 50V, X7R	C140, C161, C214, C226, C325
139	CHIP C / 0402, 0.22uF±10%, 16V, X7R	C313
140	CHIP C / 0402, 27P±5%, 50V, COG	C260, C342
141	CHIP C / 0402, 2P±0.25P, 50V, COG	C134
142	CHIP C / 0402, 33P±5%, 50V, COG	C10, C50, C188, C190, C191, C194, C258
143	CHIP C / 0402, 3300P±10%, 50V, X7R	C286
144	CHIP C / 0402, 0.033uF±10%, 16V, X7R	C157, C159, C240, C265, C328, C330, C331
145	CHIP C / 0402, 39P±5%, 50V, COG	C38
146	CHIP C / 0402, 3900P±10%, 50V, X7R	C320, C337
147	CHIP C / 0402, 0.039uF±10%, 50V, X7R	C239, C243, C277
148	CHIP C / 0402, 3P±0.25P, 50V, COG	C124, C145, C170
149	CHIP C / 0402, 3.5P±0.25P, 50V, COG	C123
150	CHIP C / 0402, 47P±5%, 50V, COG	C128, C252, C309
151	CHIP C / 0402, 470P±10%, 50V, X7R	C58, C71, C76, C86, C125, C127, C137, C168, C198, C204, C223, C224, C244, C266, C281, C312, C316, C321, C324, C327, C338, C356
152	CHIP C / 0402, 0.047uF±10%, 16V, X7R	C238
153	CHIP C / 0402, 0.47uF±10%, 10V, X5R	C237
154	CHIP C / 0402, 4P±0.25P, 50V, COG	C48, C187, C189, C195
155	CHIP C / 0402, 4.5P/4.7P±0.25P, 50V, COG	C186
156	CHIP C / 0402, 560P±10%, 16V, X7R	C245
157	CHIP C / 0402, 5P±0.25P, 50V, COG	C103, C254
158	CHIP C / 0402, 68P±5%, 50V, COG	C4
159	CHIP C / 0402, 6800P±10%, 16V, X7R	C287
160	CHIP C / 0402, 0.068uF±10%, 16V, X7R	C158, C269
161	CHIP C / 0402, 6P±0.5P, 50V, COG	C74, C75, C108, C135, C169, C351
162	CHIP C / 0402, 82P±5%, 50V, COG	C215
163	CHIP C / 0603, 10P±5%, 50V, COG	C1, C16, C29, C47
164	CHIP C / 0603, 100P±5%, 50V, COG	C30, C111
165	CHIP C / 0603, 1000P±10%, 50V, X7R	C5, C13, C32, C72, C132, C160, C183, C184, C200, C206
166	CHIP C / 0603, 0.01uF±10%, 50V, X7R	C165
167	CHIP C / 0603, 11P±5%, 50V, COG	C2
168	CHIP C / 0603, 13P±5%, 50V, COG	C182
169	CHIP C / 0603, 15P±5%, 50V, COG	C18, C28
170	CHIP C / 0603, 18P±5%, 50V, COG	C17
171	CHIP C / 0603, 180P±10%, 50V, X7R	C8
172	CHIP C / 0603, 1P±0.25P, 50V, COG	C9, C24, C90
173	CHIP C / 0603, 22P±5%, 50V, COG	C19, C27, C291, C295
174	CHIP C / 0603, 27P±5%, 50V, COG	C25, C36
175	CHIP C / 0603, 33P±5%, 50V, COG	C213
176	CHIP C / 0603, 39P±5%, 50V, COG	C39

177	CHIP C / 0603, 3P±0.25P, 50V, COG	C139
178	CHIP C / 0603, 470P±10%, 50V, X7R	C171
179	CHIP C / 0603, 4P±0.25P, 50V, COG	C41, C42, C138, C156
180	CHIP C / 0603, 68P±5%, 50V, COG	C26
181	CHIP C / 0603, 6P±0.5P, 50V, COG	C148
182	CHIP C / 0603, 7P±0.5P, 50V, COG	C3, C14
183	CHIP C / 0603, 8P±0.5P, 50V, COG	C149
184	CHIP C / 0603, 9P±0.5P, 50V, COG	C147
185	CHIP C / 0603, 0.5P±0.1P, 50V, COG	C40, C107
186	CHIP-TAN / TP#, SIZE P, 1uF±20%, 10V	C229, C236, C322, C355
187	CHIP-TAN / TP#, SIZE P, 4.7uF±20%, 10V	C20, C89, C93, C120, C122, C130, C163, C173, C197, C208, C225, C261, C262, C273, C278, C284, C305, C307, C308, C317, C336, C344, C361
188	CHIP C / 0805, 0.47uF+80%--20%, 16V, Y5V	C172
189	CHIP-TAN / TS#, SIZE A, 0.1uF±20%, 35V	C102
190	CHIP-TAN / TS#, SIZE A, 1uF±20%, 10V	C118
191	CHIP-TAN / TS#, SIZE A, 10uF±20%, 10V	C227
192	CHIP-TAN / TS#, SIZE A, 15uF±20%, 6.3V	C141
193	CHIP-TAN / TS#, SIZE A, 0.33uF±20%, 35V	C96
194	CHIP-TAN / TS#, SIZE A, 3.3uF±20%, 10V	C112
195	TZV2Z100A110, 3 <sup>-10</sup> p+100	C52, C117
196	SMALL FIXED INDUCTOR / LQG11N1R0K00, 1uH, 0603 (0141-05)	L48
197	SMALL FIXED INDUCTOR / C1608CB-18NJ, 18nH±5%, 0603	L24
198	SMALL FIXED INDUCTOR / MLG1608BR10J, 100nH±5%, 0603	L23, L35
199	SMALL FIXED INDUCTOR / LGHK1608R18J-T, 180nH±5%, 0603	L7
200	SMALL FIXED INDUCTOR / LGHK1608R22J-T, 220nH±5%, 0603	L20, L25, L31, L38
201	SMALL FIXED INDUCTOR / MLG1608B27NJ, 27nH±5%, 0603	L11, L16
202	SMALL FIXED INDUCTOR / MLG1608B33NJ, 33nH±5%, 0603	L21, L39
203	SMALL FIXED INDUCTOR / MLF1608A3R3K, 3.3uH±5%, 0603	L10, L37
204	SMALL FIXED INDUCTOR / MLG1608B39NJ, 39nH±5%, 0603	L17
205	SMALL FIXED INDUCTOR / MLG1608B47NJ, 47nH±5%, 0603	L40
206	SMALL FIXED INDUCTOR / MLF1608A4R7K, 4.7uH±5%, 0603	L42
207	SMALL FIXED INDUCTOR / MLF1608DR56K, 560nH±10%, 0603	L44, L45
208	SMALL FIXED INDUCTOR / MLG1608B82N, 82nH±5%, 0603	L15
209	SMALL FIXED INDUCTOR / MLG1608BR15J, 150nH±5%, 0603	L19, L47
210	SMALL FIXED INDUCTOR / C2012C-22NJ, 22nH±5%, 0805	L36
211	SMALL FIXED INDUCTOR / LQW2BHN22NJ03L / LQN21AR22J, 220nH±5%, 0805	L14
212	SMALL FIXED INDUCTOR / C2012C-39NJ, 39nH±5%, 0805	L8
213	SMALL FIXED INDUCTOR / C2012C-47NJ, 47nH±5%, 0805	L22, L57
214	SMALL FIXED INDUCTOR / C2012C-56NJ, 56nH±5%, 0805	L53, L55, L58
215	SMALL FIXED INDUCTOR / FSLM2520-R33K, 330nH±10%, 1008	L50
216	SMALL FIXED INDUCTOR / FSLM2520-R82K, 820nH±10%, 1008	L51
217	AIR-CORE COIL / 0.3*1.0*4TR	L2
218	AIR-CORE COIL / 0.3*1.0*7TR	L4
219	AIR-CORE COIL / 0.3*1.0*8TR	L12
220	AIR-CORE COIL / 0.4*1.2*3TR	L1
221	AIR-CORE COIL / 0.3*1.2*5TR	L3
222	AIR-CORE COIL / 0.4*1.5*7TR	L5, L6
223	AIR-CORE COIL / 0.4*1.5*8TR	L18
224	EMI, FILTER, SMT, BLM21P300S, 0805	L27, L28, L32, L65, R143
225	EMI, FILTER, SMT, BLM11A601S, 0603	L9, L26, L29, L30, L33, L34, L41, L49, L59, L60, L61, L62, L63, L64, L66, L67, L68, L69, L70, L71, L72, L73, L74, L75, L76, L79
226	NTH5G16P42B104K07TH, 100K, 0603	TH188
227	NT5032SC, 12.8±2.5PPM, 5.0*3.2*1.6mm	X1
228	ZTACC3, 58MG	X4
229	3.6864MHz	X3
230	9.8304MHz-NX5032GA	X2
231	BL112-38RU, 38PIN	CN3
232	532680670, 6PIN	CN2
233	SP/MIC	J1
234	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, C0G	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