

## PT568-01 PARTS LIST

NO.	Description	Ref.No
1	PT568PCB / VHF, FR4, 1.2mm, PT568V-090710, ROHS	
2	MCU / CPU, R8C/24, M30C026FPGP#U0, 52PIN, 8 bit, FLASH, ROHS	IC10
3	reset IC / PST9140NR, ROHS	IC11
4	IF (MF) modulation IC / TA31136FN, SSOP, ROHS	IC5
5	Memory IC / AT24C08BN-SH, ROHS	IC9
6	PLL IC / MB15E03SL, PLL, 16-PIN, SSOP, ROHS	IC1
7	AUDIO, AMP / TDA8541, S08, ROHS	IC8
8	Voltage regulator IC / HT7130-1, SOT-89, ROHS	IC14
9	Voltage regulator IC / HT7150-1, ROHS	IC12
10	Operational amplifier / NJM2902V, OP-AMP, ROHS	IC4, IC6, IC7
11	Operational amplifier / NJM2904V, OP-AMP, ROHS	IC3
12	Chip variable capacitor diode / 0805, MA360 (PANASONIC), ROHS	D12
13	Chip diode / 1SR154-400 (ROHM), ROHS	D33
14	Chip switch diode/ 1SS372 (TOSHIBA), ROHS	D13
15	Chip variable capacitor diode / 1SV305, ROHS	D26
16	Chip variable capacitor diode / 1SV325, ROHS	D8, D9, D10, D11, D18, D31, D32, D34
17	Chip switch diode/ 0603, MA2S111 (PANASONIC), ROHS	D15, D16, D25
18	Chip switch diode/ DAN222, (ROHM), ROHS	D308
19	Chip diode / Waveband switch, HSC277 (HITACHI), ROHS	D3, D6, D7
20	Chip HF switch diode / 0603, HVC131 (HITACHI), ROHS	D1, D2, D4, D5
21	Chip variable capacitor diode / HVC376B, ROHS	D21, D22, D24
22	Chip Voltage regulator diode/ HZU5ALL (HITACHI), ROHS	D14
23	Chip LED / 0603, green, H19-213SYGC, ROHS	D20, D29
24	Chip LED / 0603, red, 19-21SURC/S530-A2/TR8, ROHS	D28
25	Chip switch diode/ RB706F-40, SOT-323, ROHS	D17
26	Chip triode/ DTA144EE (ROHM), ROHS	Q17, Q33, Q34, Q40
27	Chip triode/ DTC144EE (ROHM), ROHS	Q8, Q22, Q23, Q26, Q27, Q28, Q35, Q39, Q42, Q44, Q45, Q46, Q52
28	Chip triode/ DTC144EUA (ROHM), ROHS	Q18
29	Chip triode/ KRX102U, with, bias, resistor, ROHS	IC2
30	Chip triode/ FMMT717TA, ROHS	Q30
31	Chip triode/ 2SA1586, ROHS	Q43
32	Chip triode/ 2SC1623, ROHS	Q10
33	Chip triode/ 2SC4617 (R) (ROHM), ROHS	Q6, Q7, Q9, Q37
34	Chip triode/ 2SC4919, MUTING, CIRCUIT (SANYO), ROHS	Q24
35	Chip triode/ 2SC5108Y (TOSHIBA), ROHS	Q2, Q4, Q5
36	Chip triode/ KTA1298 (Y), ROHS	Q29, Q31, Q32
37	Chip triode/ KTC4082, (KEC), ROHS	Q1, Q21
38	Chip FET / 2SJ243, ROHS	Q16
39	Chip FET / 2SK508NV (K52), ROHS	Q14, Q15
40	Chip FET / 2SK880, ROHS	Q90
41	Chip FET / 3SK318, ROHS	Q19, Q20
42	Chip FET / RD01MUS2, ROHS	Q12
43	Chip FET / 2SK1824, ROHS	Q13, Q25, Q36, Q38, Q41, Q51
44	Chip FET / 2SK3476, ROHS	Q11
45	Chip FET / ST2302, ROHS	Q47, Q48
46	Knob switch / SKHLLBA010, ROHS	K1
47	touch switch / 4.5*4.5*4.8, ROHS	K2, K4
48	3208/558 encoder switch / ED0873-16-16HC-F18 (9), BAND, ROHS	SW2
49	chip touch switch/ SKRTLBE010, ROHS	K3
50	Chip phase frequency detector / JTBM450CX24, ROHS	CD1
51	Chip procelain filter / LTWC450G, 450kHz ± 5kHz, ROHS	CF1
52	Chip IF filter / DSF753SBF, 51.65MHz ± 4kHz/3dB, (7.0x5.0x1.3)mm, ROHS	XF1
53	Chip resistor / 0402, 0R ± 5%, ROHS	C34, C67, C166, C250, R7, R18, R24, R27, R30, R36, R77, R107, R202, R241, R260, R261, R262, R268, R278, R283, R297
54	Chip resistor / 0402, 10R ± 5%, ROHS	R95, R96, R98, R101, R127, R200, R217, R720
55	Chip resistor / 0402, 100R ± 5%, ROHS	R4, R12, R58, R89, R128, R240
56	Chip resistor / 0402, 1K ± 5%, ROHS	R41, R42, R45, R47, R48, R49, R50, R69, R129, R130, R131, R150, R152, R157, R191, R199, R234, R238, R256, R902

57 Chip resistor / 0402, 10K±5%, ROHS	R29, R46, R80, R100, R109, R110, R116, R119, R120, R121, R122, R123, R133, R136, R137, R138, R139, R140, R183, R194, R205, R266, R275, R280, R363, R900
58 Chip resistor / 0402, 100K±5%, ROHS	R6, R43, R79, R84, R103, R104, R115, R154, R158, R174, R197, R226, R228, R235, R236, R243, R247, R257, R272, R300
59 Chip resistor / 0402, 1M±5%, ROHS	R160, R162
60 Chip resistor / 0402, 120R±5%, ROHS	R244
61 Chip resistor / 0402, 1.2K±5%, ROHS	R40, R44, R141, R188
62 Chip resistor / 0402, 12K±5%, ROHS	R211, R301
63 Chip resistor / 0402, 120K±5%, ROHS	R5, R8, R9, R17
64 Chip resistor / 0402, 1.5K±5%, ROHS	R10, R54
65 Chip resistor / 0402, 15K±5%, ROHS	C187, C188, C189, R52, R142, R192, R209, R203, R66, R113, R201, R279
66 Chip resistor / 0402, 150K±5%, ROHS	R73
67 Chip resistor / 0402, 18R±5%, ROHS	R224
68 Chip resistor / 0402, 1.8K±5%, ROHS	R149, R210, R218, R219, R248
69 Chip resistor / 0402, 18K±5%, ROHS	R67, R86, R94
70 Chip resistor / 0402, 180K±1%, ROHS	R249
71 Chip resistor / 0402, 20K±5%, ROHS	R32, R93, R274
72 Chip resistor / 0402, 22R±5%, ROHS	R71, R179, R180, R189, R214, R215, R216, R70, R91
73 Chip resistor / 0402, 220R±5%, ROHS	R181, R185, R186, R187
74 Chip resistor / 0402, 2.2K±5%, ROHS	R106, R153, R198
75 Chip resistor / 0402, 22K±5%, ROHS	R87, R126, R164, R207, R227, R233, R246, R251, R252, R269, R281
76 Chip resistor / 0402, 220K±5%, ROHS	R34
77 Chip resistor / 0402, 270R±5%, ROHS	R223
78 Chip resistor / 0402, 2.7K±5%, ROHS	R171, R172, R193
79 Chip resistor / 0402, 27K±5%, ROHS	R231
80 Chip resistor / 0402, 270K±5%, ROHS	R28, R76, R212
81 Chip resistor / 0402, 30K±5%, ROHS	R35, R38, R57, R72, R638
82 Chip resistor / 0402, 330R±5%, ROHS	R26, R39, R55, R59, R60, R97, R111
83 Chip resistor / 0402, 3.3K±5%, ROHS	R114, R161, R206, R258, R263, R265
84 Chip resistor / 0402, 33K±5%, ROHS	R15, R82, R105
85 Chip resistor / 0402, 330K±5%, ROHS	R62
86 Chip resistor / 0402, 3.6K±5%, ROHS	R221, R222, R148, R124
87 Chip resistor / 0402, 3.9K±5%, ROHS	R53, R68, R271
88 Chip resistor / 0402, 39K±5%, ROHS	R165
89 Chip resistor / 0402, 390K±5%, ROHS	R182
90 Chip resistor / 0402, 47R±5%, ROHS	R2, R3, R81
91 Chip resistor / 0402, 470R±5%, ROHS	R56, R61, R92, R99, R151, R155, R156, R159, R204, R282, R809
92 Chip resistor / 0402, 4.7K±5%, ROHS	R11, R13, R19, R20, R21, R22, R25, R118, R125, R196, R273, R277, R292, R901
93 Chip resistor / 0402, 47K±5%, ROHS	R166, R232, R264, R903
94 Chip resistor / 0402, 470K±5%, ROHS	R37
95 Chip resistor / 0402, 560R±5%, ROHS	R63, R64, R65, R132, R184, R195, R302
96 Chip resistor / 0402, 5.6K±5%, ROHS	R16, R173, R175, R176, R177, R178, R225, R239, R254, R267, R270, R284
97 Chip resistor / 0402, 56K±5%, ROHS	R163
98 Chip resistor / 0402, 560K±5%, ROHS	C276, R220
99 Chip resistor / 0402, 6.8K±5%, ROHS	R75, R190, R245
100 Chip resistor / 0402, 68K±5%, ROHS	R31
101 Chip resistor / 0402, 75R±5%, ROHS	R33
102 Chip resistor / 0402, 820R±5%, ROHS	R229, R230
103 Chip resistor / 0402, 8.2K±5%, ROHS	R51, R255
104 Chip resistor / 0402, 82K±5%, ROHS	R213
105 Chip resistor / 0402, 91K±5%, ROHS	L9, L18, L49, L54, L62, L66, R23
106 Chip resistor / 0603, 0R±5%, ROHS	L21
107 Chip resistor / 0603, 10R±5%, ROHS	R830
108 Chip resistor / 0603, 220R±5%, ROHS	R74, R88
109 Chip resistor / 0603, 100R±5%, ROHS	R143, R144, R145, R146, R147, R170
110 Chip resistor / 0603, 150K±1%, ROHS	L34
111 Chip resistor / 0603, 47R±5%, ROHS	R167, R168, R169
112 Chip resistor / 1206, 0.47R±5%, ROHS	

113	Chip trimming resistor / MVR22HXBRN223, 22K±25%, B Linear, ROHS	VR2
114	Chip trimming resistor / EVM2NSX80BS4, 68K±25%, B Linear, PANASONIC, , ROHS	VR1
115	volume switch / RY-6932, ROHS	SW1
116	Chip self resume safety / 433003, 3A/32V, 1206, ROHS	F1
117	Chip capacitor / 0402, 10P±0. 5P, 50V, COG, ROHS	C87, C92, C257, C282, C288
118	Chip capacitor / 0402, 100P±5%, 50V, COG, ROHS	C196
119	Chip capacitor / 0402, 1000P±10%, 50V, X7R, ROHS	C6, C11, C12, C19, C36, C38, C39, C40, C41, C43, C44, C72, C73, C74, C75, C96, C97, C100, C103, C105, C106, C109, C111, C112, C114, C120, C134, C150, C151, C169, C172, C182, C183, C184, C186, C241, C261, C263, C264, C272, C278, C279, C294, C328
120	Chip capacitor / 0402, 0. 01uF±10%, 50V, X7R, ROHS	C50, C79, C104, C138, C149, C153, C155, C159, C160, C161, C162, C190, C226, C232, C253, C296, C313, C900, C901, C902
121	Chip capacitor / 0402, 0. 1uF±10%, 16V, X7R, ROHS	C35, C82, C83, C85, C101, C167, C168, C173, C174, C175, C178, C179, C185, C221, C231, C233, C254, C271, C307, C310, C317, C318
122	Chip capacitor / 0402, 1uF±10%, 6. 3V, X5R, ROHS	C25, C30, C123, C170, C225, C235, C248, C251, C300, C303, C321, C326, C331, C400
123	Chip capacitor / 0402, 11P±5%, 50V, COG, ROHS	C229
124	Chip capacitor / 0402, 12P±5%, 50V, COG, ROHS	C145
125	Chip capacitor / 0402, 120P±5%, 50V, COG, ROHS	C286
126	Chip capacitor / 0402, 1200P±10%, 50V, X7R, ROHS	C211
127	Chip capacitor / 0402, 0. 012uF±10%, 25V, X7R, ROHS	C157, C158, C239, C249, C275
128	Chip capacitor / 0402, 13P±5%, 50V, COG, ROHS	C69
129	Chip capacitor / 0402, 15P±5%, 50V, COG, ROHS	C86, C143
130	Chip capacitor / 0402, 1500P±10%, 50V, X7R, ROHS	C289
131	Chip capacitor / 0402, 18P±5%, 50V, COG, ROHS	C128, C212
132	Chip capacitor / 0402, 1800P±10%, 50V, X7R, ROHS	C51, C113
133	Chip capacitor / 0402, 20P±5%, 50V, COG, ROHS	C127
134	Chip capacitor / 0402, 22P±5%, 50V, COG, ROHS	C124, C195, C255, C256
135	Chip capacitor / 0402, 220P±5%, 50V, COG, ROHS	C295
136	Chip capacitor / 0402, 2200P±10%, 50V, X7R, ROHS	C262
137	Chip capacitor / 0402, 0. 022uF±10%, 25V, X7R, ROHS	C243, C245
138	Chip capacitor / 0402, 0. 22uF±10%, 10V, X7R, ROHS	C280
139	Chip capacitor / 0402, 24P±5%, 50V, COG, ROHS	C227
140	Chip capacitor / 0402, 27P±5%, 50V, COG, ROHS	C47, C142
141	Chip capacitor / 0402, 270P±10%, 50V, X7R, ROHS	C1
142	Chip capacitor / 0402, 0. 027uF±10%, 50V, X7R, ROHS	C244, C323
143	Chip capacitor / 0402, 2P±0. 25P, 50V, COG, ROHS	C122
144	Chip capacitor / 0402, 30P±5%, 50V, COG, ROHS	C200, C319
145	Chip capacitor / 0402, 33P±5%, 50V, COG, ROHS	C37, C141, C171
146	Chip capacitor / 0402, 0. 033uF±10%, 16V, X7R, ROHS	C213, C223, C242, C283
147	Chip capacitor / 0402, 39P±5%, 50V, COG, ROHS	C118
148	Chip capacitor / 0402, 3900P±10%, 50V, X7R, ROHS	C222, C238, C284
149	Chip capacitor / 0402, 0. 039uF±10%, 10V, X7R, ROHS	C299
150	Chip capacitor / 0402, 3P±0. 25P, 50V, COG, ROHS	C90
151	Chip capacitor / 0402, 47P±5%, 50V, COG, ROHS	C4, C293, C600
152	Chip capacitor / 0402, 470P±10%, 50V, X7R, ROHS	C7, C8, C9, C10, C13, C14, C15, C18, C21, C22, C24, C26, C28, C29, C31, C32, C42, C45, C48, C49, C52, C53, C54, C55, C56, C58, C59, C60, C61, C71, C84, C102, C108, C110, C125, C146, C152, C154, C163, C220, C237, C267, C268, C269, C270, C274, C277, C287, C74, C107
153	Chip capacitor / 0402, 4700P±10%, 25V, X7R, ROHS	C156, C215, C285, C322, C324, C325
154	Chip capacitor / 0402, 0. 047uF±10%, 16V, X7R, ROHS	C357, C358
155	Chip capacitor / 0402, 0. 47uF±10%, 10V, X5R, ROHS	C80, C192
156	Chip capacitor / 0402, 4P±0. 25P, 50V, COG, ROHS	C126, C131, C216, C219, C228, C302
157	Chip capacitor / 0402, 4. 5P/4. 7P±0. 25P, 50V, COG, ROHS	C217, C218
158	Chip capacitor / 0402, 5P±0. 25P, 50V, COG, ROHS	C132
159	Chip capacitor / 0402, 68P±5%, 50V, COG, ROHS	C314
160	Chip capacitor / 0402, 680P±10%, 16V, X7R, ROHS	C57, C258, C260
161	Chip capacitor / 0402, 0. 068uF±10%, 16V, X7R, ROHS	C176, C177, C247, C259
162	Chip capacitor / 0402, 6P±0. 5P, 50V, COG, ROHS	C301, C312

163 Chip capacitor / 0402, 7P±0. 5P, 50V, COG, ROHS	C230
164 Chip capacitor / 0402, 82P±5%, 50V, COG, ROHS	C214
165 Chip capacitor / 0402, 8P±0. 5P, 50V, COG, ROHS	C309
166 Chip capacitor / 0402, 9P±0. 5P, 50V, COG, ROHS	C311
167 Chip capacitor / 0402, 0. 5P±0. 1P, 50V, COG, ROHS	C147
168 Chip capacitor / 0603, 11P±5%, 50V, COG, ROHS	C2, C62
169 Chip capacitor / 0603, 120P±5%, 50V, COG, ROHS	C95
170 Chip capacitor / 0603, 15P±5%, 50V, COG, ROHS	C129 , C94
171 Chip capacitor / 0603, 150P±5%, 50V, COG, ROHS	C78
172 Chip capacitor / 0603, 16P±5%, 50V, COG, ROHS	C3
173 Chip capacitor / 0603, 12P±5%, 50V, COG, ROHS	C135
174 Chip capacitor / 0603, 22P±5%, 50V, COG, ROHS	C117
175 Chip capacitor / 0603, 36P±5%, 50V, COG, ROHS	C91
176 Chip capacitor / 0603, 24P±5%, 50V, COG, ROHS	C93
177 Chip capacitor / 0603, 27P±5%, 50V, COG, ROHS	C65, C116, C144
178 Chip capacitor / 0603, 30P±5%, 50V, COG, ROHS	C139
179 Chip capacitor / 0603, 470P±10%, 50V, X7R, ROHS	C27
180 Chip capacitor / 0603, 4. 5P/4. 7P±0. 25P, 50V, COG, ROHS	C88
181 Chip capacitor / 0603, 56P±5%, 50V, COG, ROHS	C194 , C133
182 Chip capacitor / 0603, 6P±0. 25P, 50V, COG, ROHS	L35
183 Chip capacitor / 0603, 5P±0. 25P, 50V, COG, ROHS	C136
184 Chip capacitor / 0603, 7P±0. 5P, 50V, COG, ROHS	C121, C206
185 Chip capacitor / 0603, 82P±5%, 50V, COG, ROHS	C5,
186 Chip capacitor / 0603, 9P±0. 5P, 50V, COG, ROHS	C63
187 Chip capacitor / 0603, 0. 5P±0. 1P, 50V, COG, ROHS	C148
188 Chip capacitor / 0603, 0. 75P±0. 25P, 50V, COG, ROHS	C115
189 Chip Ta capacitor / TP Model, SIZE P, 1uF±20%, 10V, ROHS	C33
190 Chip Ta capacitor / TP Model, SIZE P, 10uF±20%, 6. 3V, ROHS	C191, C198, C199
191 Chip Ta capacitor / TP Model, SIZE P, 2. 2uF±20%, 10V, ROHS	C140, C246
192 Chip Ta capacitor / TP Model, SIZE P, 4. 7uF±20%, 10V, ROHS	C165, C201, C202, C209, C273, C292, C298, C308
193 Chip capacitor / 0805, 1uF+80%--20%, 16V, Y5V, ROHS	C306
194 Chip capacitor / 0805, 2. 2uF+80%--20%, 10V, Y5V, ROHS	C234
195 Chip Ta capacitor / TS Model, SIZE A, 0. 1uF±20%, 35V, ROHS	C193, C204, C205
196 Chip Ta capacitor / TS Model, SIZE A, 10uF±20%, 10V, ROHS	C197, C203, C210
197 Chip Ta capacitor / TS Model, SIZE A, 15uF±20%, 6. 3V, ROHS	C208
198 Chip Ta capacitor / TS Model, SIZE A, 4. 7uF±20%, 10V, ROHS	C207
199 Chip Ta capacitor / TS Model, SIZE A, 4. 7uF±20%, 16V, ROHS	C46, C224, C240, C266
200 Chip Ta capacitor / TS Model, SIZE A, SIZE B, 47uF±20%, 10V, ROHS	C330
201 Chip trimming capacitor / TZV2Z100A110, 3~10p+100, ROHS	C180, C181
202 Chip Wire inductor/ C1608CB-33NJ, green, ceramic core33NH±5%, 0603, ROHS	L57
203 Chip inductor / MLF1608R33K, 330nH±10%, 0603, ROHS	L59, L69
204 Chip Wire inductor/ C1608CB-47NJ, green, ceramic core47NH±5%, 0603, ROHS	L63
205 Chip Wire inductor/ C1608CB-56NJ, ceramic core56nH±5%, 0603, ROHS	L13
206 Chip inductor/ MLF1608DR10K, 100nH±10%, 0603, ROHS	L12, L32, L33
207 Chip inductor/ MLF1608A1R0K, 1uH±5%, 0603, ROHS	L68
208 Chip inductor/ MLG1608B27NJ, 27nH±5%, 0603, ROHS	L16, L23
209 Chip inductor/ MLF1608DR56K, 560nH±10%, 0603, ROHS	L11, L64
210 Chip inductor/ MLF1608E6R8K, 6. 8uH±10%, 0603, ROHS	L27, L28, L29, L36, L50, L52
211 Chip inductor/ MLG1608BR15J, 150nH±5%, 0603, ROHS	L53
212 Chip Wire inductor/ C2012C-22NJ, 22nH±5%, 0805, ROHS	L30
213 Chip Wire inductor/ C2012C-33NJ, 33nH±5%, 0805, ROHS	L51
214 Chip Wire inductor/ C2012C-47NG, 47nH±2%, 0805, ROHS	L15
215 Chip Wire inductor/ LQN21A56NJ04 , 56nH±5%, 0805, ROHS	L5, L8, L10
216 Chip Wire inductor/ 2520, 1μH±5%, ceramic core(FHW1008UC1R0J), ROHS,	L24
217 Chip inductor/ FSLM2520-100J, 10uH±5%, 1008, ROHS	L45
218 Chip inductor/ FSLM2520-2R2K, 2. 2uH±10%, 1008, ROHS	L26
219 Chip inductor/ FSLM2520-R33K, 330nH±10%, 1008, ROHS	L55
220 Chip inductor/ FSLM2520-R56K, 560nH±10%, 1008, ROHS	L56
221 Chip air-cored coil / 0. 3*1. 0*7TR, negative, high pin, ROHS	L4
222 Chip air-cored coil / 0. 4*1. 5*3TL, negative, high pin, ROHS	L1, L110
223 Chip air-cored coil / 0. 3*1. 5*5TR, negative, high pin, ROHS	L3, L111
224 Chip air-cored coil / 0. 3*1. 5*6TR, negative, high pin, ROHS	L2, L14

225 Chip air-cored coil / 0.4*1.5*8TR, negative, high pin, ROHS	L25
226 Chip bead/ EMI, FILTER, SMT, BLM11A221S, 0603, ROHS	L19, L20, L40, L41, L42, L44, L46, L47, L48, L60, L65
227 Chip bead/ EMI, FILTER, SMT, BLM21P300S, 0805, ROHS	L22, L37, L38, L39, L43, L58, L67
228 Chip bead/ EMI, FILTER, SMT, BLM11A601S, 0603, ROHS	L210, L212
229 Hot quick resistor / NTH5G16P42B104K07TH, 100K, 0603, ROHS	R85
230 Mic socket / B6027AP402-88, ROHS	MIC1
231 Chip transistor / 12.8MHz, TCXO, DSA535SA, ROHS	X4
232 Chip crystal resonator / CSTCR7M30G53-R0, 7.3M, ROHS	X2
233 2.5mm Earphone socket / MOTOROLA, PJ-D2008B, DC30V0.5A, ROHS	J2
234 3.5mm Mic socket / MOTOROLA, PJ-D3027, DC30V0.5A, , ROHS	J1
235 Voice recorder IC / W588A080, binding, ROHS	IC15