

TELSON INFORMATION & COMMUNICATION CO., LTD.

TEL : 82-2-887-2690 (EXT 766)

FAX : 82-2-887-2693

PARTS LIST

NO	DESCRIPTION	REFERENCE	VALUE	QTY
1	EEPROM IC	U201	24C02	1
2	AUDIO IC WITH CTCSS	U1	AK2342B	1
3	ANTENNA	ANT1	156MHz	1
4	AUDIO AMP IC	U205	TDA7233D	1
5	BATTERY	BAT1	7.5V DC	1
6	BEAD COIL	L1-2	BLM21A	2
7	FET	Q51	BF998	1
8	CHIP CERAMIC CAPACITOR	C157	0.5p	1
9	CHIP CERAMIC CAPACITOR	C183 C193	1.5p	2
10	CHIP CERAMIC CAPACITOR	C334 C343	100p	2
11	TANTALUM CAPACITOR	C353	100u/6.3	1
12	CHIP CERAMIC CAPACITOR	C136	101	1
13	CHIP CERAMIC CAPACITOR	C100 C120 C127 C130 C131 C137 C151 C166 C170 C197 C202 C210 C212 C217 C220 C228 C231 C305 C306 C307 C308 C309 C310 C315 C316 C3167 C356 C357 C359	102	29
14	CHIP CERAMIC CAPACITOR	C145 C146 C162 C175 C185 C201 C209 C219 C222 C224 C326 C327 C333 C349	103	14
15	CHIP CERAMIC CAPACITOR	C138 C139 C140 C143 C144 C160 C173 C174 C181 C194 C196 C240 C299 C301 C303 C304 C314 C318 C323 C347 C348 C351 C354 C358 C360 C362	104	26
16	CHIP CERAMIC CAPACITOR	C169 C332 C340	105	3
17	CHIP CERAMIC CAPACITOR	C179 C190 C198 C203	10p	4
18	TANTALUM CAPACITOR	C171 C218 C223	10u/10	3
19	CHIP CERAMIC CAPACITOR	C128	12p	1
20	CHIP CERAMIC CAPACITOR	C106	13p	1
21	CHIP CERAMIC CAPACITOR	C118 C178 C204 C297 C298	15p	5
22	CHIP CERAMIC CAPACITOR	C113	16p	1
23	CHIP CERAMIC CAPACITOR	C108 C111 C125 C205 C214	18p	5
24	CHIP CERAMIC CAPACITOR	C187 C226	1p	2
25	CHIP CERAMIC CAPACITOR	C112	2.7p	1
26	CHIP CERAMIC CAPACITOR	C320 C324 C335 C337	220p	4
27	CHIP CERAMIC CAPACITOR	C321	222	1
28	CHIP CERAMIC CAPACITOR	C330	223	1
29	CHIP CERAMIC CAPACITOR	C150	224	1
30	CHIP CERAMIC CAPACITOR	C167 C350	225	2
31	CHIP CERAMIC CAPACITOR	C103 C115 C121 C180 C189 C191 C206 C211 C216 C311 C312	22p	11

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33	CHIP CERAMIC CAPACITOR	C141 C142	241	2
34	CHIP CERAMIC CAPACITOR	C123 C213	27p	2
35	CHIP CERAMIC CAPACITOR	C163	2p	1
36	CHIP CERAMIC CAPACITOR	C102	3.3p	1
37	TANTALUM CAPACITOR	C172	3.3u/16	1
38	CHIP CERAMIC CAPACITOR	C104	30p	1
39	CHIP CERAMIC CAPACITOR	C152	332	1
40	CHIP CERAMIC CAPACITOR	C147	334	1
41	CHIP CERAMIC CAPACITOR	C105	33p	1
42	CHIP CERAMIC CAPACITOR	C116	36p	1
43	CHIP CERAMIC CAPACITOR	C215	39p	1
44	CHIP CERAMIC CAPACITOR	C107 C117 C229 C230 C232 C241	471	6
45	CHIP CERAMIC CAPACITOR	C153	472	1
46	CHIP CERAMIC CAPACITOR	C165	473	1
47	CHIP CERAMIC CAPACITOR	C164 C322 C338 C339 C342	475	5
48	CHIP CERAMIC CAPACITOR	C109 C156 C227	47p	3
49	TANTALUM CAPACITOR	C225	47u/10	1
50	CHIP CERAMIC CAPACITOR	C110	51p	1
51	CHIP CERAMIC CAPACITOR	C331	562	1
52	CHIP CERAMIC CAPACITOR	C355	563	1
53	CHIP CERAMIC CAPACITOR	C319	56p	1
54	CHIP CERAMIC CAPACITOR	C200	5p	1
55	CHIP CERAMIC CAPACITOR	C188	6.8p	1
56	CHIP CERAMIC CAPACITOR	C119 C124 C135	68p	3
57	TANTALUM CAPACITOR	C352	68u/10	1
58	CHIP CERAMIC CAPACITOR	C192	6p	1
59	CHIP CERAMIC CAPACITOR	C114 C122	75p	2
60	CHIP CERAMIC CAPACITOR	C148	82p	1
61	CHIP CERAMIC CAPACITOR	C208	8p	1
62	455kHz CERAMIC FILTER	F5	CFWM455E	1
63	455kHz CERAMIC FILTER	F6	CFWM455H	1
64	ROTARY SWITCH	U202	CH. SWITCH	1
65	CHIP DIODE	D202 D205	1SS355	2
66	PIN DIODE	D51	BAR63	1
67	PIN DIODE	D50	UPP9401	1
68	CHIP DIODE	D52	KDS226	1
69	SCHOTTKY BARRIER DIODE	D60	MMBD353LT1	1
70	CHIP DIODE	D53 D54 D203	DAP202U	3
71	TVS DIODE	D204	SM12	1
72	FUSE	F1	4A	1
73	IF IC	U100	TA31136FN	1
74	CHIP INDUCTOR	L85	1.2uH	1
75	CHIP INDUCTOR	L79	100nH	1
76	CHIP INDUCTOR	L201	10uH	1
77	CHIP INDUCTOR	L64	1uH	1
78	CHIP INDUCTOR	L78 L81 L82	220uH	2

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81	CHIP INDUCTOR	L75	39nH	1
82	CHIP INDUCTOR	L62 L70 L71 L73 L74 L76 L77	4.7uH	7
83	CHIP INDUCTOR	L80	47nH	1
84	CHIP SPRING COIL	L51 L52 L53	54nH	3
85	CHIP INDUCTOR	L83 L84	56nH	2
86	CHIP SPRING COIL	L54 L55 L56 L57 L58 L59 L60	60nH	7
87	LED	D201	LED	1
88	CRYSTAL FILTER	F2	45S15BD	2
89	MIC	MIC1	CMP66	1
90	RF AMP TRANSISTOR	Q66	2SC3356	1
91	RF AMP TRANSISTOR	Q50 Q52 Q61 Q62 Q63 Q64 Q65	2SC4226	7
92	SWITCHING TRANSISTOR	Q59	DTC114EUA	1
93	SWITCHING TRANSISTOR	Q53-55 Q67 Q80 Q200 Q204 Q206	DTC114TUA	8
94	NPN TRANSISTOR	Q69	KTC3875	1
95	COMPLEX TRANSISTOR	Q68	UMW1N	1
96	PLL IC	U102	MB15A02	1
97	SWITCHING TRANSISTOR	Q58 Q75 Q76 Q77 Q78 Q201	DTA114EUA	6
98	SWITCHING TRANSISTOR	Q79	KRA223S	1
99	PNP TRANSISTOR	Q70	KTA1505	1
100	RF POWER MODULE	U101	PF0314	1
101	TACT SWITCH	SW1	MONITOR	1
102	TACT SWITCH	SW2	PTT	1
103	CHIP RESISTOR	R140-141 R179	1.2K	3
104	CHIP RESISTOR	R133 R248	10	2
105	CHIP RESISTOR	R105 R135	100	2
106	CHIP RESISTOR	R125 R148 R209 R211 R221 R229	100K	6
107	CHIP RESISTOR	R111 R112 R115 R118 R120 R145 R149 R153 R154 R157 R158 R177 R218	10K	13
108	CHIP RESISTOR	R242	12K	1
109	CHIP RESISTOR	R226	150	1
110	CHIP RESISTOR	R162 R165 R168 R171 R212 R213 R235 R236 R250 R251	15K	10
111	CHIP RESISTOR	R122	180K	1
112	CHIP RESISTOR	R108 R138 R176 R178 R182 R247	1K	6
113	CHIP RESISTOR	R210 R252	1M	2
114	CHIP RESISTOR	R217 R249	2.2K	2
115	CHIP RESISTOR	R128 R184	2.7K	2
116	CHIP RESISTOR	R262	20K	1
117	CHIP RESISTOR	R152 R156	220	2
118	CHIP RESISTOR	R219 R241	220K	2
119	CHIP RESISTOR	R106 R107 R113 R117 R119 R121 R180 R181 R183 R214 R215 R228	22K	12
120	CHIP RESISTOR	R104	240	1
121	CHIP RESISTOR	R123 R222 R240	270K	3

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124	CHIP RESISTOR	R127	3.9K	1
125	CHIP RESISTOR	R170	33	1
126	CHIP RESISTOR	R110 R175	330	2
127	CHIP RESISTOR	R109	330K	1
128	CHIP RESISTOR	R227	33K	1
129	CHIP RESISTOR	R124	3K	1
130	CHIP RESISTOR	R163 R166 R169 R172 R232 R260 R261	4.7K	7
131	CHIP RESISTOR	R155 R159 R161 R167 R173	470	5
132	CHIP RESISTOR	R336	470K	1
133	CHIP RESISTOR	R126 R130 R131 R132 R146 R203 R204 R205 206 R216 R220 R224	47K	12
134	CHIP RESISTOR	R239 R245	5.6K	2
135	CHIP RESISTOR	R160	51	1
136	CHIP RESISTOR	R201	510K	1
137	CHIP RESISTOR	R150 R202 R246	560K	3
138	CHIP RESISTOR	R223 R233 R234 R237 R238	56K	5
139	CHIP RESISTOR	R101 R129 R244	6.8K	3
140	CHIP RESISTOR	R164 R207	680	2
141	CHIP RESISTOR	R114 R116	68K	2
142	CHIP RESISTOR	R102 R139 R208	820	3
143	CHIP RESISTOR	R243	9.1K	1
144	SPEAKER	SP1	8 ohm	1
145	STEREO JACK	J1	STEREO JACK	1
146	VOLUME SWITCH	U207	VOL. SWITCH	1
147	REGULATOR IC	U206	TK11450	1
148	VOLTAGE DETECTOR IC	U204	RN5VL45CV	1
149	TRIMMER CAPACITOR	VC1 VC2	6p	2
150	MPU	U200	UPD789405	1
151	VARICAP DIODE	D59	1SV239	1
152	VARICAP DIODE	D56 D58	HVU356	3
153	VARICAP DIODE	D55	KDV154	1
154	VCTCXO	U103	VX-23VA	1
155	VARIABLE VOLUME	VR13 VR14 VR20	10K	3
156	VARIABLE VOLUME	VR12	20K	1
157	VARIABLE VOLUME	VR10	47K	1
158	AK2342B CLOCK CRYSTAL	X21	3.68MHz	1
159	MPU CLOCK CRYSTAL	X20	4.19MHz	1
160	2 nd IF CRYSTAL	X60	44.545MHz	1
161	455kHz DISCRIMINATOR	X61	CDBC455CX24	1