

# RF Board Parts List

No.	ref No.	Parts Name / Value	Description
1	A401	ANT-007Z	
2	C401	47p	
3	C402	47p	
4	C403	47p	
5	C404	39p	(UJ)
6	C405	12p	(UJ)
7	C406	7p	(UJ)
8	C407	10p	(T)
9	C408	8p	
10	C410	0.001u	
11	C411	0.001u	
12	C412	0.001u	
13	C413	10u6V	(T)
14	C414	1u16V	(T)
15	C415	8p	(UJ)
16	C416	4.7u6V	(T)
17	C417	2.2u10V	(T)
18	C418	0.1u	
19	C419	0.1u	
20	C420	0.001u	
21	C422	15p	
22	C423	4p	#
23	C424	5p	#
24	C425	8p	
25	C426	0.001u	
26	C427	10u6V	(T)
27	C428	1p	(UK)#
28	C429	1p	(UK)#
29	C430	100p	
30	C431	0.001u	
31	C432	0.001u	
32	C433	10p	
33	C435	33p	
34	C436	47p	
35	C437	0.001u	
36	C438	0.047u	
37	C439	0.001u	
38	C440	82p	
39	C441	1u10V	(T.Z)
40	C442	0.001u	
41	C443	8p	
42	C444	9p	
43	C445	---	
44	C446	0.001u	
45	C447	5p	#
46	C448	0.3p	(UK)#
47	C449	3.6p	#
48	C450	2.4p	#
49	C451	0.001u	
50	C452	0.001u	
51	C453	0.001u	
52	C454	---	
53	C455	4p	#
54	C456	3p	#
55	C457	0.001u	

No.	ref No.	Parts Name / Value	Description
56	C458	5p	#
57	C459	0.3p	(UK)#
58	C460	4p	#
59	C461	3p	(UJ)#
60	C462	0.001u	
61	C463	0.001u	
62	C464	0.001u	
63	C465	6p	
64	C466	3.6p	#
65	C467	7p	
66	C468	7p	
67	C469	5p	
68	C470	33p	
69	C471	0.001u	
70	C472	24p	
71	C473	10p	
72	C474	5p	
73	C475	5p	
74	C476	0.3p	(UK)#
75	C477	0.001u	
76	C478	3.3u6V	(T)
77	C479	1p	(UK)#
78	C480	0.001u	
79	C481	0.5p	(UK)#
80	C482	0.001u	
81	C483	0.001u	
82	C484	2p	(UJ)
83	C485	8p	
84	C486	---	
85	C487	0.001u	
86	C489	2p	
87	C490	10p	
88	C491	---	
89	C492	0.001u	
90	C497	7p	
91	C500	5p	
92	C501	0.001u	
93	C514	---	
94	C515	10p	
95	C516	---	
96	C517	10p	
97	C518	---	
98	C519	5p	
99	C520	0.001u	
100	C521	0.001u	
101	C522	0.001u	
102	C524	10u6V	(T)
103	C525	0.001u	
104	C526	4.7u6V	(T)
105	C527	10u6V	(T)
106	C528	0.001u	
107	C529	0.001u	
108	C530	0.001u	
109	C531	0.001u	
110	C532	0.001u	
111	C533	0.001u	

No.	ref No.	Parts Name / Value	Description
112	C535	47p	
113	C536	1u10V	(T,Z)
114	C537	1.5p	
115	C538	0.001u	
116	C540	10p	
117	C541	0.001u	
118	C542	---	
119	C543	0.001u	
120	C544	470p	
121	C545	470p	
122	C546	---	
123	C547	100p	
124	C548	0.001u	
125	C549	0.47u	*
126	C550	100p	
127	C551	0.001u	
128	C552	0.47u	*
129	C553	470p	
130	C554	0.001u	
131	C555	470p	
132	C556	470p	
133	C557	470p	
134	C558	6.8u6V	(T)
135	C559	1u16V	(T)
136	F401	34L15BU	
137	J401	HSJ0836-01-310	(SP)
138	J402	HSJ0838-01-010	(MIC)
139	J403	HEC2712-01-620	(PRO)
140	J404	TNC-F-BR-2	
141	L401	2.2uH	(FC)
142	L402	LE-026	(6T)
143	L403	1uH	(FC)
144	L404	18nH	(LL2012)
145	L405	LC-014	
146	L406	LC-013	
147	L407	LC-012	
148	L408	LC-013	
149	L409	LC-012	
150	L410	LC-012	
151	L411	LE-021	(3T)
152	L412	LE-021	(3T)
153	L413	22nH	(LL2012)
154	L414	2.2uH	(FC)
155	L415	LE-022	(3T)
156	L416	1uH	(FC)
157	L417	18nH	(LL2012)
158	L418	18nH	(LL2012)
159	L419	18nH	(LL2012)
160	L420	BLM21P300S	
161	L421	1uH	(FC)
162	L422	LE-005	(2T)
163	L423	LE-002	(3T)
164	L424	LE-002	(3T)

No.	ref No.	Parts Name / Value	Description
165	L426	BLM21A121S	
166	L427	BLM21A121S	
167	L428	1uH	(NA)
168	L429	BLM21A121S	
169	L431	10uH	(LQH)
170	L433	1uH	(FC)
171	Q401	DTC114EU	
172	Q402	MB1504PF	
173	Q403	HVU350	
174	Q404	2SA1611	(M7)
175	Q406	2SA1602	
176	Q407	2SA1586GR	
177	Q408	2SC4116GR	
178	Q409	2SK880Y	
179	Q410	1SV270	
180	Q411	2SK508	(K52)
181	Q412	2SC4226	(R24)
182	Q413	2SC4215Y	
183	Q414	3SK241S	
184	Q415	1SV270	
185	Q416	1SV270	
186	Q417	3SK241S	
187	Q418	1SV270	
188	Q419	1SV270	
189	Q420	3SK241S	
190	Q421	1SV270	
191	Q422	1SS362	
192	Q423	1SS356	
193	Q424	1SS356	
194	Q425	1SV270	
195	Q426	2SC4226	(R24)
196	Q427	1SV270	
197	Q428	2SK508	(K52)
198	Q429	2SC4226	(R24)
199	Q430	2SC4226	(R24)
200	Q431	2SC3356	(R24)
201	Q432	M68732H-01	
202	Q439	DTA123YU	
203	Q440	UMW1	
204	Q441	DTA114EU	
205	Q442	UD22.4B	
206	Q443	1SS355	
207	Q444	HQ1A4A	
208	Q445	UMW1	
209	Q447	1SV214	
210	Q448	DTC144EU	
211	Q449	2SC4116GR	
212	Q451	UD25.1B	
213	Q452	NJM2904V	
214	Q453	DTC114EU	
215	Q454	DTA144EU	
216	Q455	DTC144EU	
217	R401	15k	
218	R402	15k	

No.	ref No.	Parts Name / Value	Description
219	R403	15k	(TH)
220	R404	33k	
221	R405	33k	
222	R406	33k	
223	R407	4.7k	
224	R408	1k	
225	R409	47k	
226	R410	10k	
227	R411	390k	
228	R412	100k	
229	R413	180k	
230	R414	100k	
231	R415	330	
232	R416	180	
233	R417	100k	
234	R418	1M	
235	R419	100k	
236	R420	22k	
237	R421	22k	
238	R422	22k	
239	R423	10k	
240	R424	100	
241	R425	100k	
242	R426	220k	
243	R427	1k	
244	R428	1.5k	
245	R429	1.5k	
246	R430	1k	
247	R432	220	
248	R433	150	
249	R434	220	
250	R435	22k	
251	R436	4.7k	
252	R437	100	
253	R438	1k	
254	R439	680k	
255	R440	330	
256	R441	560	
257	R442	100	
258	R444	470	
259	R445	100k	
260	R446	100k	
261	R447	100k	
262	R448	100k	
263	R449	1k	
264	R450	220	
265	R451	470	
266	R452	100k	
267	R453	100k	
268	R454	10k	
269	R455	100k	
270	R456	100k	
271	R457	1k	
272	R458	220	
273	R459	470	
274	R460	10k	

No.	ref No.	Parts Name / Value	Description
275	R461	22k	
276	R462	100k	
277	R463	100	
278	R464	1k	
279	R465	270k	
280	R466	680k	
281	R467	1M	
282	R468	220k	
283	R469	---	
284	R470	10k	
285	R473	3.3k	
286	R474	180	
287	R475	680	
288	R476	10k	
289	R477	4.7k	
290	R478	100	
291	R479	15k	
292	R480	4.7k	
293	R481	---	
294	R482	10k	
295	R483	22	
296	R485	470	
297	R486	100	
298	R494	47k	
299	R495	4.7k	
300	R496	2.2k	
301	R497	10k	
302	R498	4.7k	
303	R499	100	
304	R500	4.7k	
305	R501	1k	
306	R505	47k	
307	R506	150k	
308	R507	0	
309	R509	100k	
310	R510	100	
311	R511	0.27	1/8W
312	R512	0.27	1/8W
313	R513	91k	1%
314	R514	91k	1%
315	R515	91k	1%
316	R516	91k	1%
317	R517	91k	1%
318	R518	91k	1%
319	R519	10k	
320	R520	1M	
321	R521	2.2k	
322	R522	27k	
323	R523	0	
324	R524	100k	
325	R525	100k	
326	W401	WC-005	
327	W402	WC-006	
328	X401	X-004	6.4MHz

# Sub Board Parts List

No.	ref No.	Parts Name / Value	Description
1	C001	0.22u	*
2	C002	0.022u	
3	C003	390p	
4	C004	0.22u	*
5	C005	4.7u6V	(T)
6	C006	0.1u	
7	C201	0.001u	
8	C202	0.15u	*
9	C203	33p	
10	C204	16p	
11	C205	39p	
12	C206	0.001u	
13	C207	0.1u	
14	C208	220p	
15	C209	220p	
16	C210	220p	
17	C211	0.001u	
18	C212	0.001u	
19	C213	22u6V	(T)
20	C215	0.22u	*
21	C216	0.1u	
22	C217	0.0022u	
23	C218	39p	
24	C219	4.7u6V	(T)
25	C220	0.0039u	
26	C221	120p	
27	C222	0.0015u	
28	C223	820p	
29	C225	0.0047u	
30	C227	0.068u	
31	C229	0.047u	
32	C230	0.001u	
33	C231	1u16V	(T)
34	C232	100u6V	
35	C233	0.001u	
36	C234	10u6V	(T)
37	C235	100u6.3V	(T)
38	C236	0.22u	*
39	C237	0.001u	
40	C238	0.0056u	
41	C239	100p	
42	C240	0.0033u	
43	C241	1u16V	(T)
44	C242	100p	
45	C243	0.22u	*
46	C244	820p	
47	C245	0.068u	
48	C246	0.047u	
49	C247	220u6V	
50	C248	0.0022u	
51	C249	0.022u	
52	C251	0.001u	
53	C254	1u16V	(T)
54	C255	2.2u10V	(T)
55	C256	0.001u	
56	C257	0.01u	

No.	ref No.	Parts Name / Value	Description
57	C259	0.001u	
58	C261	22u16V	
59	C262	0.01u	
60	C265	0.001u	
61	C266	0.001u	
62	C267	220u6V	
63	C268	0.001u	
64	C269	1u16V	(T)
65	C270	0.001u	
66	C271	0.001u	
67	C275	5p	
68	C277	0.001u	
69	C279	0.001u	
70	C280	0.001u	
71	C281	0.001u	
72	C282	0.001u	
73	C283	10u6V	(T)
74	C284	0.01u	
75	C285	22u6V	(T)
76	C286	0.01u	
77	C287	0.01u	
78	C288	0.01u	
79	C289	0.01u	
80	C290	0.01u	
81	C291	0.01u	
82	C292	0.22u	*
83	C293	100p	
84	C294	100p	
85	C295	0.001u	
86	C322	---	
87	C323	0.001u	
88	C324	0.047u	
89	C700	0.01u	
90	C701	0.001u	
91	C702	0.068u	
92	C703	0.0033u	
93	C704	0.0068u	
94	C705	0.01u	
95	C706	4.7u6V	(T)
96	C707	0.001u	
97	C708	2.2u10V	(T)
98	C710	0.0022u	
99	F201	CFWM455E	
100	J201	B06B-ZR	
101	J202	B11B-ZR	
102	L201	LC-007P	
103	L202	BLM21A121S	
104	L203	BLM21A121S	
105	L205	1uH	(MLF)
106	LR204	1uH	(MLF)
107	Q001	MA716	



No.	ref No.	Parts Name / Value	Description
108	Q002	NJM2107F	
109	Q003	2SC4116GR	
110	Q201	TA31136FN	
111	Q202	DA114	
112	Q205	V06C	
113	Q210	NJM324V	
114	Q211	S-81350HG-KD	
115	Q213	HQ1A4A	
116	Q214	UMW1	
117	Q215	1SS355	
118	Q216	NJM2070	
119	Q220	NJM2058V	
120	Q221	UMA9	
121	Q222	UMG2	
122	Q223	DTC144EU	
123	Q224	DTA123YU	
124	Q226	NJM324V	
125	Q228	---	
126	Q700	2SJ144Y	
127	Q701	NJM2904V	
128	R001	22k	
129	R002	820k	
130	R003	18k	
131	R004	68k	
132	R005	47k	
133	R006	100k	
134	R007	220k	
135	R008	470k	
136	R009	33k	
137	R201	470	
138	R202	100k	
139	R203	47k	
140	R204	33k	
141	R205	330	
142	R206	470k	
143	R207	4.7k	
144	R208	10k	
145	R209	1k	
146	R211	1k	
147	R212	10k	
148	R214	68k	
149	R215	470k	
150	R216	56k	
151	R217	12k	
152	R220	2.2k	
153	R221	47k	
154	R222	47k	
155	R223	68k	
156	R238	4.7k	
157	R239	10k	
158	R240	1k	
159	R241	100	
160	R242	22k	
161	R243	47k	
162	R244	2.2	

No.	ref No.	Parts Name / Value	Description
163	R245	470	
164	R246	1k	
165	R248	4.7k	
166	R249	1k	
167	R252	10k	
168	R253	100k	
169	R254	91k	1%
170	R255	91k	1%
171	R257	91k	1%
172	R258	0	
173	R259	91k	1%
174	R261	100k	
175	R266	10k.B	
176	R267	75k	
177	R268	75k	
178	R269	82k	
179	R271	82k	
180	R273	330k	
181	R274	10k	
182	R275	120k	
183	R276	3.3k	
184	R277	100	
185	R278	47k	
186	R279	2.2	
187	R280	12k	
188	R281	6.8k	
189	R284	47k	
190	R285	2.2k	
191	R286	2.2k	
192	R287	2.2k	
193	R288	20k.B	
194	R289	47k.B	
195	R290	3.3k	
196	R291	100k.B	
197	R292	6.8k	
198	R298	0	
199	R301	22k	
200	R302	10	
201	R303	10k	
202	R304	82k	
203	R305	6.8k	
204	R306	150k	
205	R307	10k	
206	R309	6.8k	
207	R310	1.2M	
208	R311	2.7k	
209	R312	10k	
210	R313	---	
211	R315	22k	
212	R316	220k	
213	R317	22k	
214	R318	---	
215	R319	---	
216	R320	---	
217	R325	4.7k	
218	R327	390k	

No.	ref No.	Parts Name / Value	Description
219	R331	18k	
220	R333	2.2k	
221	R334	5.6k	
222	R700	10k	
223	R701	4.7k	
224	R702	47k	
225	R703	39k	
226	R704	39k	
227	R705	100k.B	
228	R706	1k	
229	R707	47k	
230	R708	270k	
231	R709	220k	
232	R710	6.8k	
233	R711	10k	
234	R714	100k.B	
235	R715	220k	
236	S299	RK0972211	
237	W5		
238	W6		
239	W101	PC-007	
240	W201	PC-012	
241	X201	33.845MHz	

# CPU Board Parts List

No.	ref No.	Parts Name / Value	Description
1	C101	0.001u	(T)
2	C102	100p	
3	C103	47p	
4	C104	0.001u	
5	C105	0.001u	
6	C106	0.001u	
7	C107	0.001u	
8	C108	10u6V	
9	C109	0.033u	
10	C112	0.1u	
11	C113	0.001u	
12	C114	0.01u	
13	C115	18p	
14	C116	18p	
15	C121	470p	
16	C122	470p	
17	C123	470p	
18	C124	470p	
19	C125	47p	
20	C126	47p	
21	C127	33p	
22	C128	33p	
23	C129	220u6V	
24	C141	0.001u	
25	C142	0.001u	
26	C143	0.001u	
27	C144	0.001u	
28	C145	0.001u	
29	C146	0.001u	
30	C147	0.001u	
31	C148	0.0047u	
32	C149	0.001u	
33	C150	0.001u	
34	C153	0.001u	
35	C155	0.001u	
36	C156	0.001u	
37	C157	0.001u	
38	C158	0.001u	
39	C159	0.1u	
40	C160	0.001u	
41	CA101	47p	(SP)
42	DM101	---	
43	DM102	1SS355	
44	DM103	---	
45	DM104	---	
46	E101	EASP127F	(FSLM)
47	L101	1uH	
48	N101	WM-60AY	
49	Q101	DTC144EU	(MIC)
50	Q102	2SA1162GR	

No.	ref No.	Parts Name / Value	Description
51	Q103	MN13821N	
52	Q104	AT24C04N	
53	Q105	M38267M8L-***GP	
54	Q107	LC7385M	
55	Q108	DTC114EU	
56	Q109	SML-010MT	
57	Q110	SML-010MT	
58	Q111	SLM-020MLT	
59	Q112	SDT-M073-HP-0	
60	Q113	SML-310MT	
61	Q114	SML-310MT	
62	Q115	SML-310MT	
63	Q116	SML-310MT	
64	Q117	SML-310MT	
65	Q118	2SA1362GR	
66	R101	47k	
67	R102	10k	
68	R103	1k	
69	R104	100k	
70	R105	2.2k	
71	R108	220k	
72	R109	6.8k	
73	R110	10k	
74	R111	10k	
75	R112	10k	
76	R113	91k	(1%)
77	R114	33k	(1%)
78	R121	100k	
79	R122	220k	
80	R123	1M	
81	R124	100k	
82	R125	100k	
83	R128	330k	
84	R129	1k	
85	R130	1k	
86	R131	1k	
87	R132	1k	
88	R133	1k	
89	R134	1k	
90	R135	1k	
91	R136	1k	
92	R137	330	
93	R138	330	
94	R140	220	
95	R141	220	
96	R143	22k	
97	R152	---	
98	R153	---	
99	R160	1k	
100	R161	1k	
101	R162	1k	
102	R163	1k	
103	R167	47k	
104	R170	330	
105	R171	330	

No.	ref No.	Parts Name / Value	Description
106	R172	330	
107	R173	330	
108	R174	330	
109	R175	47k	
110	R176	100	
111	S101	SKHUAD	
112	S102	SKHUAD	
113	S103	EC09P20-65	
114	S104	SLJA12	
115	W8	Wire	
116	W9	Wire	
117	W10	Wire	
118	W11	Wire	
119	W12	Wire	
120	W13	Wire	
121	W14	Wire	
122	W15	Wire	
123	W16	Wire	
124	W17	Wire	
125	W18	Wire	
126	W19	Wire	
127	W22	---	
128	X101	4.19MHZ	
129	X102	3.58M	
130	Z101	Z-001	

## Mechanical Parts List

ITEM	PART NO.	PART DESCRIPTION	U32BD1 D QTY
1		CASE-REAR	1
2		CASE-FRONT	1
3		LCD-WINDOW	1
4		LED-LENS	1
5		LOCK-KNOB	1
6		CHANNEL-KNOB	1
7		SQUELCH-KNOB	1
8		VOLUME-KNOB	1
9		3 JACK-COVER	1
10		PACKING-CH	1
11		PACKING-SQL	1
12		PACKING-VOL	1
13		PACKING- 3 JACK	1
14		SPKR-HOLDER	1
15		KEY-TOP	1
16		PTT-BUTTON	1
17		PACKING-CASE	1
18		PACKING-SPKR	1
19		SHIELD-VCO	1
20		EARTH-PLATE	1
21		TOP-PLATE	1
22		LOCK-PLATE	1
23		CONTACTOR	1
24		MPVU08/MPVU32 SHIELD-MAIN	1
25		ANT-TERMINAL	1
26		TERMINAL	1
27		STUD-A	2
28		STUD-B	1
29		NUT-CHVOL	2
30		SPKR-NET (FOR MPVU32)	1
31		LIGHTING-PLATE	1
32		SCREW 8-TAPTIGHT M2X18(BLK BINDIG-HEAD)	3
33		SCREW M2X3 (NICKEL PAN-HEAD )	6
34		SCREW M2X5 (NICKEL PAN-HEAD )	4
35		SCREW M2.6X3 (BLK BINDING-HEAD)	2
36		HEXAGON-NUT (JIS-3TYPE)M2	1
37		D-CUTT KNOB SPRING NO.7900	1
38		WINDOW TAPE (NITTO #500 double sided tape)	1
39		MIC-NET DIA. 8mm	1
40		MPVU08/MPVU32 BELT-CLIP	1
41		POLYETHYLENE BAG 100x210x0.03 PE	1
42		SHIELD-ANT	1
43		TERMINAL-PCB	1
44		CUSHION-A	1
45		CUSHION-B	1
46		CUSHION-C	1
47		CUSHION-D	1
48		INSULATOR	1
49		SCREW P-TAPTIGHT M1.7X5(CM PAN-HEAD)	3
50		SCREW P-TAPTIGHT M1.7X4(BLK PAN-HEAD)	2
51		INSULATOR-A2	1
52		EARTH-VCO	1
53		DOUBLE TAPE (E)	2