

RF Board....

No.	ref No.	Parts Name / Value	Description
1	A401	ANT-009Z	
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	33p	
10	C409	---	
11	C410	0.001u	
12	C411	0.001u	
13	C412	10u6V	(T)
14	C413	1u16V	(T)
15	C414	47p	
16	C415	4.7u6V	(T)
17	C416	6.8u10V	(T)
18	C417	0.1u	
19	C418	0.22u	*
20	C419	0.001u	
21	C420	33p	
22	C421	22p	
23	C422	22p	
24	C423	0.001u	
25	C424	1p	(UK)
26	C425	2p	(UK)
27	C426	0.001u	
28	C427	0.001u	
29	C429	0.001u	
30	C430	7p	
31	C431	0.001u	
32	C432	0.1u	
33	C433	0.1u	
34	C434	1u10V	(T, Z)
35	C435	120p	
36	C436	47p	
37	C437	0.001u	
38	C438	18p	
39	C439	4p	
40	C440	1p	(UK)
41	C441	0.5p	(UK)
42	C442	18p	
43	C443	5p	
44	C444	1p	(UK)
45	C445	1p	(UK)
46	C446	18p	
47	C447	4p	
48	C448	0.001u	
49	C449	0.001u	
50	C450	10u6V	(T)
51	C451	12p	
52	C452	0.001u	
53	C453	22p	
54	C454	22p	
55	C455	390p	

No.	ref No.	Parts Name / Value	Description
56	C456	0.001u	
57	C457	3p	
58	C458	36p	
59	C459	24p	
60	C460	6p	
61	C461	13p	
62	C462	0.001u	
63	C463	100p	*
64	C464	2p	(UK)
65	C465	---	
66	C466	33p	
67	C467	20p	
68	C468	20p	
69	C469	0.001u	
70	C470	---	
71	C471	1p	(UK)
72	C472	1p	(UK)
73	C473	0.001u	
74	C474	4p	(UJ)
75	C475	0.001u	
76	C476	10p	
77	C477	---	
78	C478	0.001u	
79	C479	22p	
80	C483	22p	
81	C484	20p	
82	C494	---	
83	C496	10u6V	(T)
84	C497	0.001u	
85	C498	4.7u6V	(T)
86	C499	10u6V	(T)
87	C500	0.001u	
88	C501	0.001u	
89	C502	0.001u	
90	C503	0.001u	
91	C504	0.001u	
92	C505	0.001u	
93	C506	0.001u	
94	C507	0.001u	
95	C508	0.001u	
96	C509	---	
97	C513	0.001u	
98	C514	0.001u	
99	C515	---	
100	C520	47p	
101	C521	0.001u	
102	C522	0.001u	
103	C524	---	*
104	C525	---	
105	C526	3p	
106	C527	---	
107	C530	0.068u	
108	C531	3.3u6V	(T)
109	C533	0.001u	
110	C534	470p	
111	C535	470p	

No.	ref No.	Parts Name / Value	Description
112	C547	100p. .	
113	C548	0.001u	
114	C549	0.47u	*
115	C550	100p	
116	C551	0.001u	
117	C552	0.47u	*
118	C553	470p	
119	C554	0.001u	
120	C555	470p	
121	C556	470p	
122	C557	470p	
123	C558	6.8u6V	(T)
124	C559	1u16V	(T)
125	F401	21M15B5	
126	J401	HSJ0836-01-310	(SP)
127	J402	HSJ0838-01-010	(MIC)
128	J403	HEC2712-01-620	(PRO)
129	J404	TNC-F-BR-2	
130	L401	4.7uH	(NL)
131	L402	LE-015	(6T)
132	L403	2.2uH	(MLF)
133	L404	220nH	(LL2012)
134	L405	LC-017	
135	L406	LC-015	
136	L407	LC-015	
137	L408	LC-015	
138	L409	LC-016	
139	L410	LE-016	(4T)
140	L411	LE-017	(4T)
141	L412	LE-017	(4T)
142	L413	220nH	(LL2012)
143	L414	4.7uH	(NL)
144	L415	LE-015	(6T)
145	L416	2.2uH	(MLF)
146	L417	220nH	(LL2012)
147	L418	100nH	(LL2012)
148	L419	220nH	(LL2012)
149	L420	BLM21P300S	
150	L421	1uH	(NL)
151	L422	LE-019	(5T)
152	L424	BLM21A121S	
153	L425	BLM21A121S	
154	L426	BLM21A121S	
155	L428	10uH	(LQH)
156	L429	---	
157	Q401	DTC144EU	
158	Q402	MB1504PF	
159	Q403	HVU350	
160	Q404	2SA1611	(M7)
161	Q405	1SV214	
162	Q406	2SA1602	
163	Q407	2SA1586GR	

No.	ref No.	Parts Name / Value	Description
164	Q408	2SC4116GR	
165	Q409	2SK880Y	
166	Q410	HVU356	
167	Q411	HVU356	
168	Q412	2SK238	(K17)
169	Q413	2SC4245	
170	Q414	2SC4215Y	
171	Q415	3SK241S/R	
172	Q416	HVU350	
173	Q417	HVU350	
174	Q418	HVU350	
175	Q419	HVU350	
176	Q420	3SK241S/R	
177	Q421	ISS362	
178	Q422	ISS356	
179	Q423	ISS356	
180	Q424	2SC4226	(R24)
181	Q425	1SV239	
182	Q426	HVU356	
183	Q427	HVU356	
184	Q428	2SK238	(K17)
185	Q429	DTC144EU	
186	Q430	2SC4245	
187	Q431	2SC4245	
188	Q432	2SC3356	(R24)
189	Q433	PF0314	
190	Q440	DTA123YU	
191	Q441	UMW1	
192	Q442	DTA114EU	
193	Q443	UDZ2.4B	
194	Q444	ISS355	
195	Q445	UMW1	
196	Q446	HQ1A4A	
197	Q449	DTC144EU	
198	Q450	2SC4116GR	
199	Q451	UDZ5.1B	
200	Q452	NJM2904V	
201	Q453	DTC114EE	
202	Q454	DTA144EE	
203	Q455	DTC144EE	
204	R401	15k	
205	R402	15k	
206	R403	15k	
207	R404	33k	
208	R405	33k	
209	R406	33k	
210	R407	4.7k	
211	R408	1k	
212	R409	39k	
213	R410	10k	(NTH)
214	R411	390k	
215	R412	100k	
216	R413	100k	
217	R414	180	
218	R415	220k	

No.	ref No.	Parts Name / Value	Description
219	R416	22k	
220	R417	1M	
221	R418	47k	
222	R419	18k	
223	R420	27k	
224	R421	18k	
225	R422	10k	
226	R423	100	
227	R424	100k	
228	R425	220k	
229	R426	220	
230	R427	470	
231	R428	1k	
232	R429	3.3k	
233	R430	47k	
234	R432	100	
235	R433	470	
236	R434	10k	
237	R435	4.7k	
238	R436	100	
239	R437	1k	
240	R438	680k	
241	R439	1k	
242	R440	1.2k	
243	R441	1k	
244	R442	100	
245	R443	1	
246	R444	100k	
247	R445	470	
248	R446	100k	
249	R447	100k	
250	R448	100k	
251	R449	47	
252	R450	680	
253	R451	1.2k	
254	R452	10k	
255	R453	100k	
256	R454	10k	
257	R455	47	
258	R456	1k	
259	R457	470k	
260	R458	470k	
261	R459	1.5k	
262	R460	220k	
263	R461	220k	
264	R462	10	
265	R463	47k	
266	R464	100	
267	R465	680	
268	R466	10k	
269	R467	4.7k	
270	R468	680	
271	R469	18k	
272	R470	4.7k	
273	R471	470	
274	R472	1.5k	

No.	ref No.	Parts Name / Value	Description
275	R473	470	
276	R474	22	
277	R475	100	
278	R481	47k	
279	R484	4.7k	
280	R485	2.2k	
281	R486	10k	
282	R487	3.3k	
283	R488	4.7k	
284	R489	270k	
285	R490	0	
286	R491	180k	
287	R492	100	
288	R493	330k	
289	R495	---	
290	R496	47k	
291	R498	470k	
292	R499	0	
293	R505	4.7k	
294	R510	100	
295	R511	0.27	1/8W
296	R512	0.27	1/8W
297	R513	91k	1%
298	R514	91k	1%
299	R515	91k	1%
300	R516	91k	1%
301	R517	91k	1%
302	R518	91k	1%
303	R519	10k	
304	R520	1M	
305	R521	2.2k	
306	R522	27k	
307	R523	0	
308	R524	100k	
309	R525	100k	
310	W21		
311	W401	WC-005	
312	W402	WC-006	
313	X401	X-004	6.4MHz

## Sub Board Parts

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	22p	
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	100u6V	(T)
38	C236	0.22u	*
39	C237	0.001u	
40	C238	0.0056u	
41	C239	100p	
42	C240	0.0033u	
43	C241	4.7u6V	(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	0.0lu	
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	---	
69	C279	0.001u	
70	C280	0.001u	
71	C281	0.001u	
72	C282	0.001u	
73	C283	10u6V	(T)
74	C284	0.0lu	
75	C285	22u6V	(T)
76	C286	0.0lu	
77	C287	0.0lu	
78	C288	0.0lu	
79	C289	0.0lu	
80	C290	0.0lu	
81	C291	0.0lu	
82	C292	0.22u	*
83	C293	100p	
84	C294	100p	
85	C295	0.001u	
86	C322	0.001u	
87	C323	0.001u	
88	C324	0.047u	
89	C700	0.0lu	
90	C701	0.001u	
91	C702	0.068u	
92	C703	0.0033u	
93	C704	0.0068u	
94	C705	0.0lu	
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	---	
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	DTC144EU	
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	150k	
183	R276	3.3k	
184	R277	22	
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	---	
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	100k	
213	R317	22k	
214	R318	1M	
215	R319	47k	
216	R320	47k.B	
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	100k	
226	R704	100k	
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	20.945MHz	

CPU Board

No.	ref No.	Parts Name / Value	Description
1	C101	0.001u	
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	(T)
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	
42	DM101	---	
43	DM102	---	
44	DM103	---	
45	DM104	---	
46	E101	EASPI27F	(SP)
47	L101	1uH	(FSLM)
48	N101	WM-60AY	(MIC)
49	Q101	DTC144EU	
50	Q102	2SA1162GR	

No.	ref No.	Parts Name / Value	Description
51	Q103	MN13821N	
52	Q104	AT24C04N	
53	Q105	M38267M8L-***GP	
54	Q107	LCT385M	
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

ITEM	PART NO.	PART DESCRIPTION	V32D1
			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-SQ	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		NJT-CH/VOL	2
30		SPKR-NET (FOR MPVU32)	1
31		LIGHTING-PLATE	1
32		SCREW B-TAPTTIGHT M2X18(BLK BINDIG-HEAD)	3
33		SCREW M2X3 (NICKEL PAN-HEAD)	6
34		SCREW M2X5 (NICKEL PAN-HEAD)	4
35		SCREW M2.0X3 (BLK BINDING-HEAD)	2
36		HEXAGON-NUT(JIS-S-TYPE)M2	1
37		D-CUTT KNOB SPRING NO.7800	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	0
43		TERMINAL-PCB	0
44		CUSHION-A	1
45		CUSHION-B	1
46		CUSHION-C	1
47		CUSHION-D	1
48		INSULATOR	1
49		SCREW P-TAPTTIGHT M1.7X5(CM PAN-HEAD)	3
50		SCREW P-TAPTTIGHT M1.7X4(BLK PAN-HEAD)	2
51		INSULATOR-A2	1
52		EARTH-VCO	1
53		DOUBLE TAPE (E)	2