



DUAL BAND Mobile Cellular Phone SGH-N625

SERVICE Manual

DUAL BAND Mobile Cellular Phone



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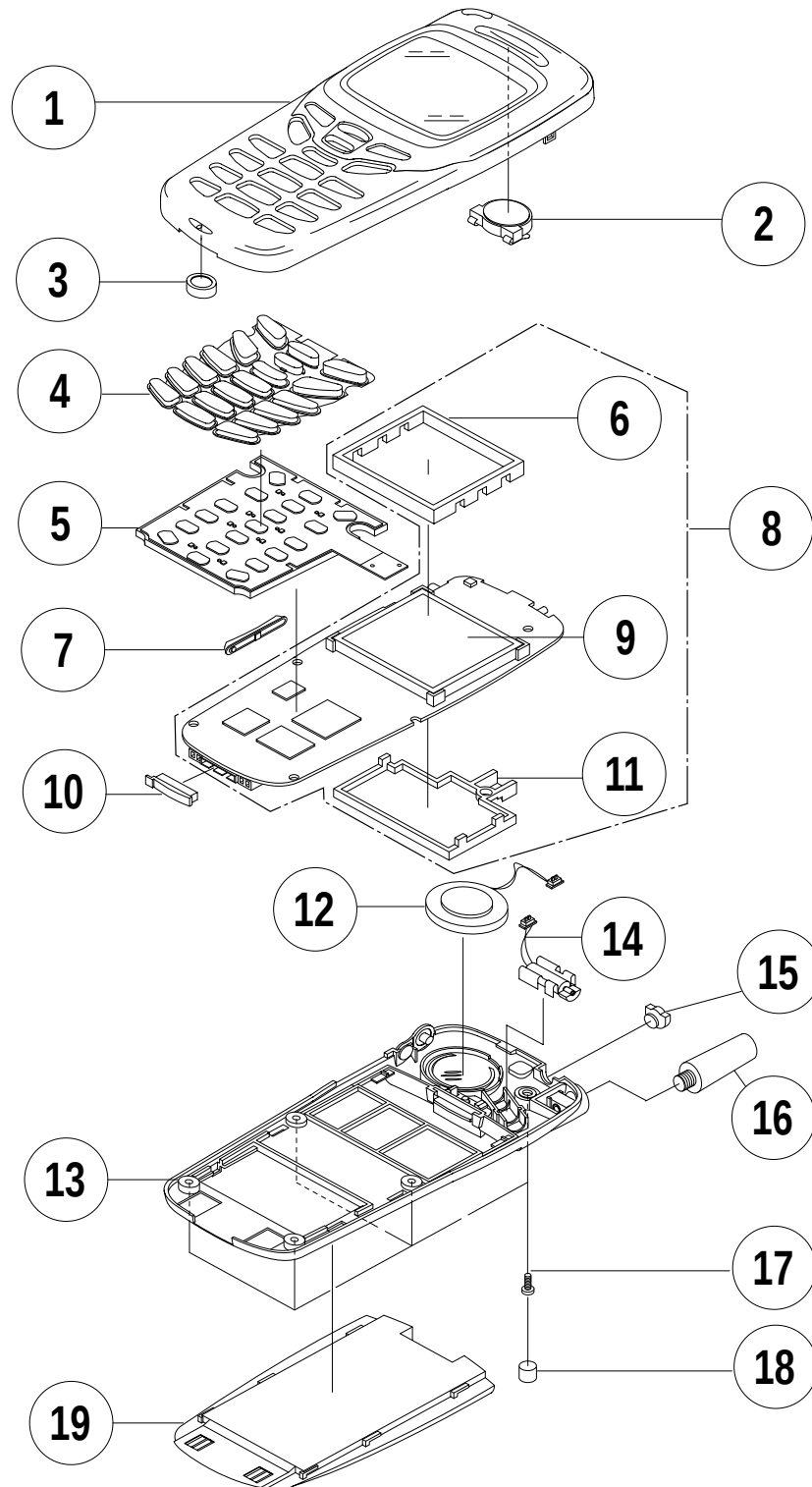
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1. Exploded Views and Parts List

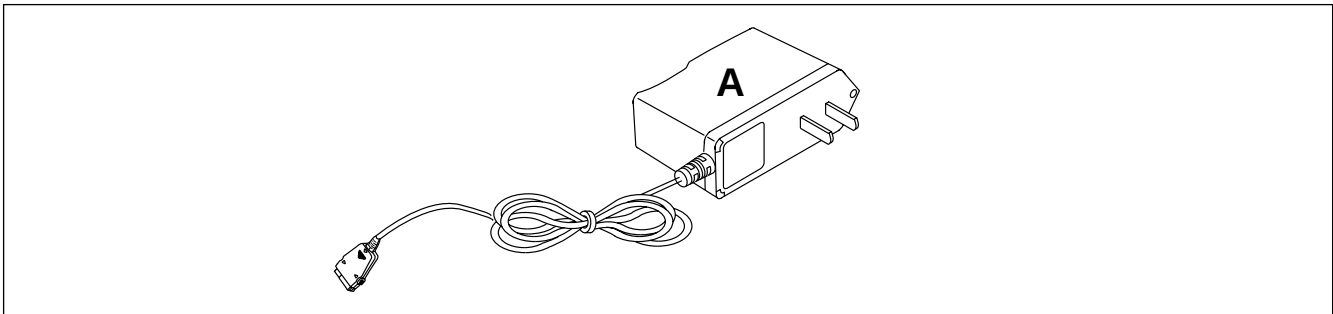
1-1 Main (SGH-N625)



1-2 Main Parts List

NO	SEC CODE	DESCRIPTION	Q'TY	REMARK
1	GH75-02239A	FRONT COVER	1	
2	3001-001199	SPEAKER	1	
3	GH59-00240B	MIC	1	
4	GH72-03376D	KEYPAD	1	
5	GH59-00282A	KEY PCB	1	
6	GH73-00923A	LCD COVER	1	
7	GH75-01490A	KEY-VOLUME	1	
8	GH82-00114A	MAIN PBA	1	
9	GH07-01336A	LCD	1	
10	GH73-00893A	CONNECTOR COVER	1	
11	GH73-03213B	SILELD COVER	1	
12	3001-001267	SPEAKER	1	
13	GH75-01471B	REAR COVER	1	
14	GH31-00033A	MOTOR	1	
15	GH73-00892A	MOBILE CAP	1	
16	GH42-00212A	ANTENNA	1	
17	6001-001634	SCREW	5	
18	GH73-00891A	SCREW CAP	1	
19	GH43-00435B	BATTERY	1	

1-3 Travel Adapter

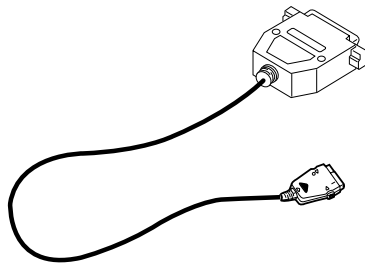


1-4 Travel Adapter Parts List

TYPE	SEC CODE	REMARK
A	GH44-00171A	

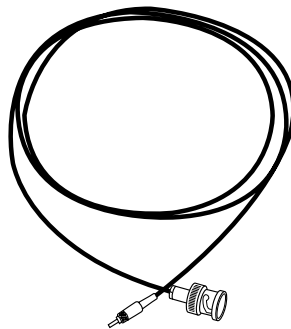
1-5 Test Jig

A line drawing of a rectangular test jig. It features several ports on its front face: two circular ports, two rectangular ports, and two BNC-style connectors. A multi-pin connector is visible on the side. The device has four small feet at the base.	
TEST JIG	GH80-10508A



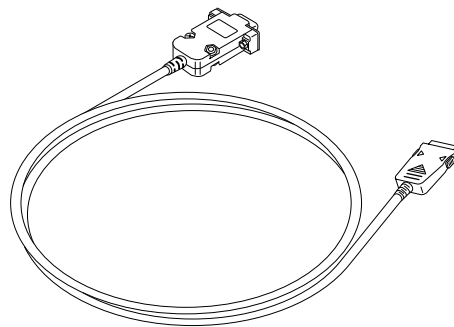
TEST JIG CABLE

GH39-00079A



RF JIG CABLE

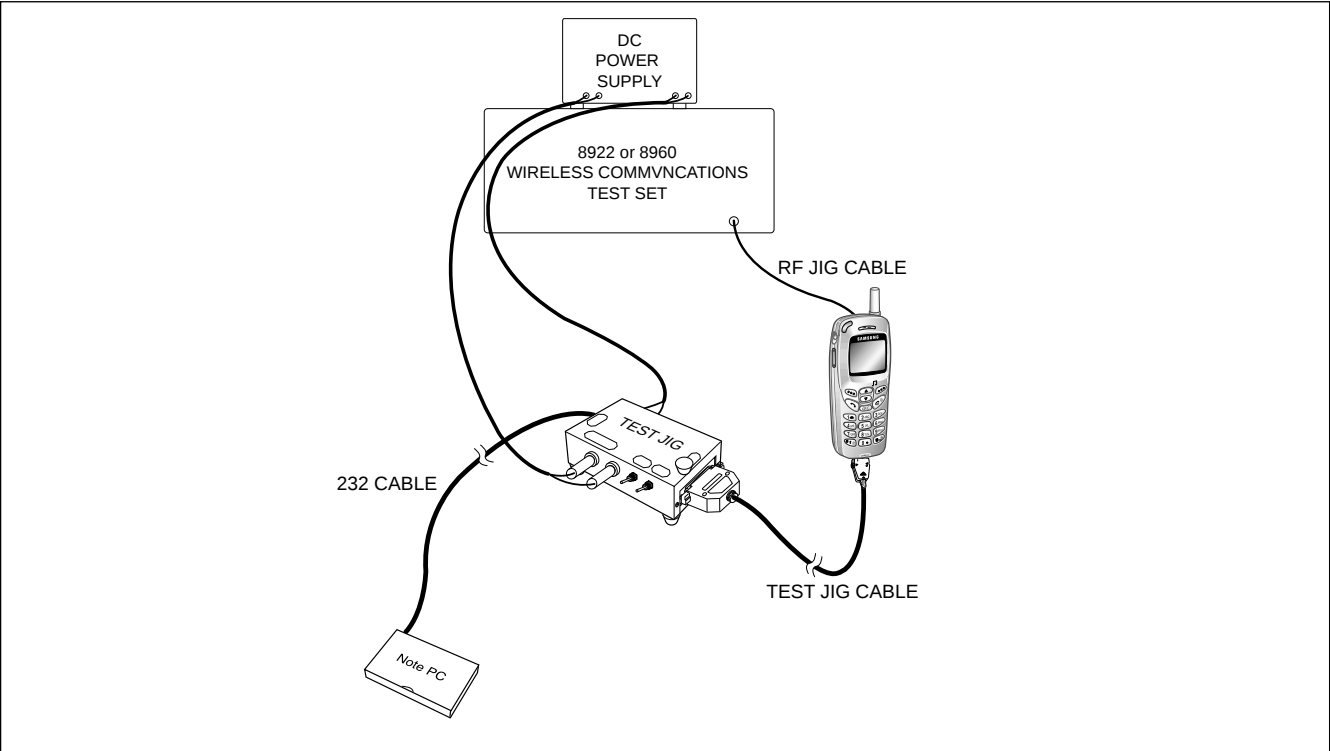
GH39-00094A



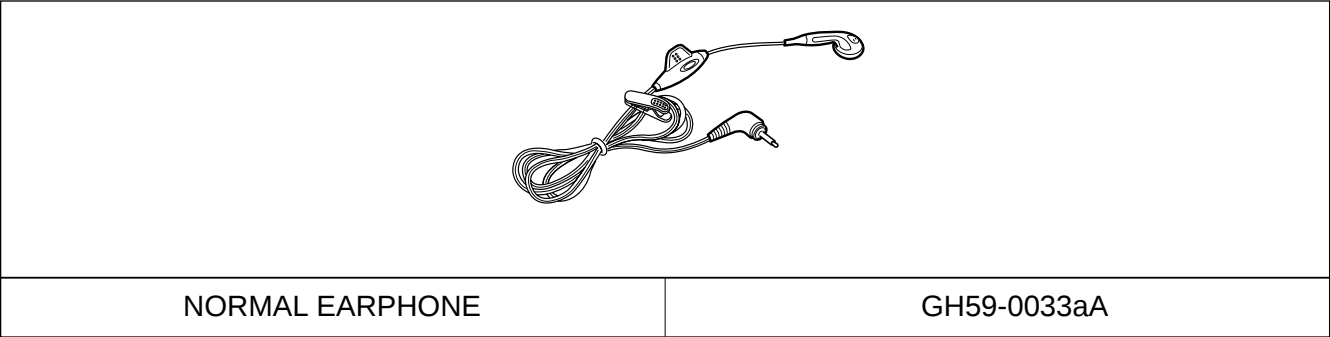
DM CABLE

GH39-00143B

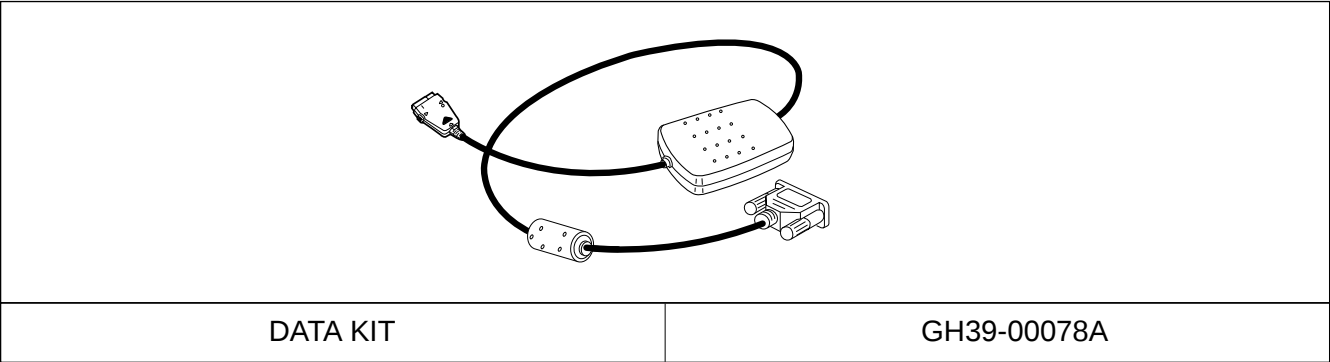
1-5-1 Test Jig



1-6 Normal EAR Microphone

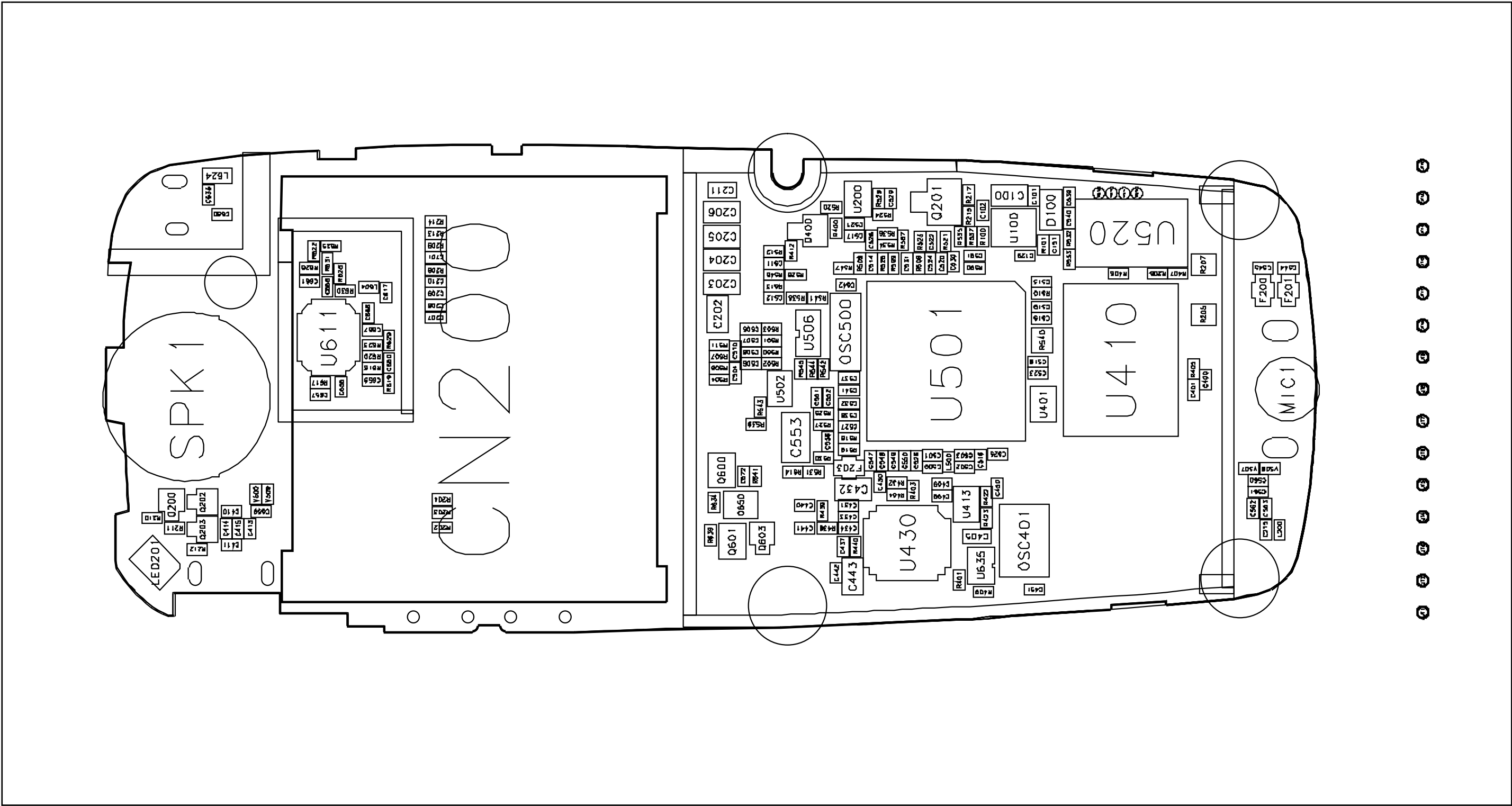


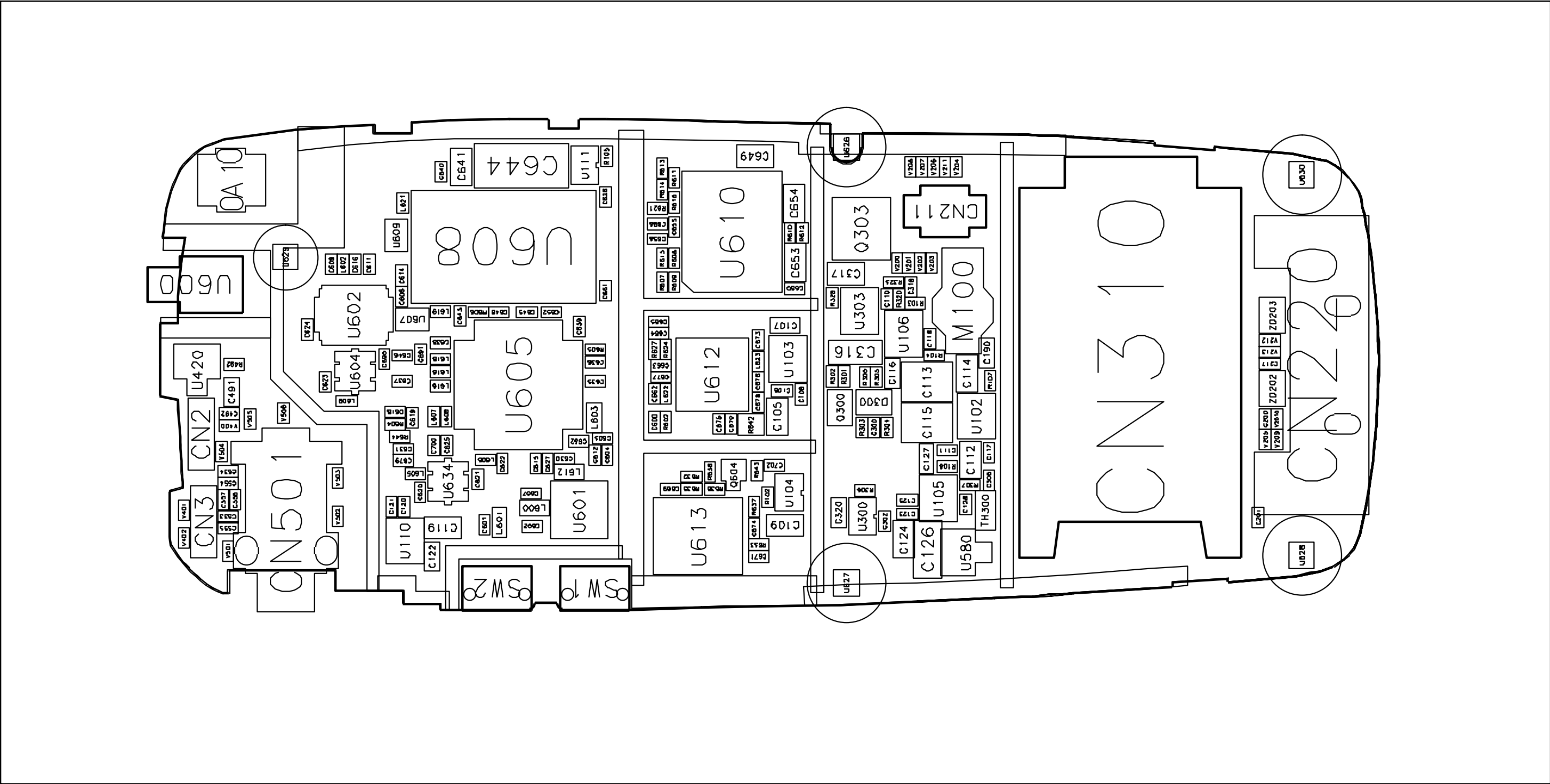
1-7 Data Kit



2. PCB Diagrams

2-1 Main Top





3. Electrical Parts List

3-1 Main Parts List Top

NO	Reference	SEC Code	Part Description	Vendor Part No
1	C100	2404-001105	"C-TA,CHIP;10UF/6.3V"	TCSCS0J106MPAR
2	C101	2203-000254	"C-CERAMIC,CHIP;C103K,10NF,16V"	GRP155R71C103KA01E
3	C102	2203-000233	"C-CERAMIC,CHIP;C101J,100PF,50V"	GRP1555C1H101JD01E
4	C129	2203-000254	"C-CERAMIC,CHIP;C103K,10NF,16V"	GRP155R71C103KA01E
5	C151	2203-005482	"C-CERAMIC,CHIP;C104K,100NF,10V"	GRP155R61A104KA01E
6	C202	2404-001101	"C-TA,CHIP;1UF/16V"	TAJR105M016R
7	C203	2404-001101	"C-TA,CHIP;1UF/16V"	TAJR105M016R
8	C204	2404-001101	"C-TA,CHIP;1UF/16V"	TAJR105M016R
9	C205	2404-001101	"C-TA,CHIP;1UF/16V"	TAJR105M016R
10	C206	2404-001101	"C-TA,CHIP;1UF/16V"	TAJR105M016R
11	C207	2203-005061	"C-CERAMIC,CHIP;C104Z,100NF,16V"	CL05F104ZONC
12	C208	2203-005061	"C-CERAMIC,CHIP;C104Z,100NF,16V"	CL05F104ZONC
13	C209	2203-005061	"C-CERAMIC,CHIP;C104Z,100NF,16V"	CL05F104ZONC
14	C210	2203-005061	"C-CERAMIC,CHIP;C104Z,100NF,16V"	CL05F104ZONC
15	C211	2203-000604	"C-CERAMIC,CHIP;C223K,22NF,25V"	CL10B223KANC
16	C215	2203-000679	"C-CERAMIC,CHIP;C270J,27PF,50V"	GRP1555C1H270JZ01E
17	C400	2203-005061	"C-CERAMIC,CHIP;C104Z,100NF,16V"	CL05F104ZONC
18	C401	2203-005061	"C-CERAMIC,CHIP;C104Z,100NF,16V"	CL05F104ZONC
19	C409	2203-002443	"C-CERAMIC,CHIP;C331K,330PF,50V"	CL05B331KBNC
20	C410	2203-000679	"C-CERAMIC,CHIP;C270J,27PF,50V"	GRP1555C1H270JZ01E
21	C411	2203-000679	"C-CERAMIC,CHIP;C270J,27PF,50V"	GRP1555C1H270JZ01E
22	C413	2203-003054	"C-CERAMIC,CHIP;C090C,9PF,50V"	GRP1555C1H9R0DZ01E
23	C414	2203-000386	"C-CERAMIC,CHIP;C150J,15PF,50V"	GRP1555C1H150JZ01E
24	C430	2203-000438	"C-CERAMIC,CHIP;C102K,1NF,50V"	GRP155R71H102KA01E
25	C431	2203-005061	"C-CERAMIC,CHIP;C104Z,100NF,16V"	CL05F104ZONC
26	C432	2404-001086	"C-TA,CHIP;4.7UF/6.3V"	TESVSPOJ475M8RTJ
27	C433	2203-005061	"C-CERAMIC,CHIP;C104Z,100NF,16V"	CL05F104ZONC
28	C434	2203-005483	"C-CERAMIC,CHIP;C683K,68NF,10V"	GRP155R61A683KA01E
29	C437	2203-000233	"C-CERAMIC,CHIP;C101J,100PF,50V"	GRP1555C1H101JD01E
30	C440	2203-005482	"C-CERAMIC,CHIP;C104K,100NF,10V"	GRP155R61A104KA01E
31	C442	2203-005061	"C-CERAMIC,CHIP;C104Z,100NF,16V"	CL05F104ZONC
32	C443	2404-001086	"C-TA,CHIP;4.7UF/6.3V"	TESVSPOJ475M8RTJ
33	C450	2203-000854	"C-CERAMIC,CHIP;C390J,39PF,50V"	GRP1555C1H390JZ01E
34	C451	2203-000679	"C-CERAMIC,CHIP;C270J,27PF,50V"	GRP1555C1H270JZ01E
35	C499	2203-000714	"C-CERAMIC,CHIP;C332K,3.3NF,50V"	CL05B332KBNC
36	C502	2203-000679	"C-CERAMIC,CHIP;C270J,27PF,50V"	GRP1555C1H270JZ01E
37	C503	2203-003054	"C-CERAMIC,CHIP;C090C,9PF,50V"	GRP1555C1H9R0DZ01E
38	C504	2203-005503	"C-CERAMIC,CHIP;C1801J,180PF,25V"	CL05C181JANC

NO	Reference	SEC Code	Part Description	Vendor Part No
39	C505	2203-000233	"C-CERAMIC,CHIP;C101J,100PF,50V"	GRP1555C1H101JD01E
40	C506	2203-000233	"C-CERAMIC,CHIP;C101J,100PF,50V"	GRP1555C1H101JD01E
41	C507	2203-000233	"C-CERAMIC,CHIP;C101J,100PF,50V"	GRP1555C1H101JD01E
42	C508	2203-000233	"C-CERAMIC,CHIP;C101J,100PF,50V"	GRP1555C1H101JD01E
43	C510	2203-005503	"C-CERAMIC,CHIP;C1801J,180PF,25V"	CL05C181JANC
44	C511	2203-000812	"C-CERAMIC,CHIP;C330J,33PF,50V"	GRP1555C1H330JZ01E
45	C512	2203-000812	"C-CERAMIC,CHIP;C330J,33PF,50V"	GRP1555C1H330JZ01E
46	C513	2203-000812	"C-CERAMIC,CHIP;C330J,33PF,50V"	GRP1555C1H330JZ01E
47	C514	2203-000812	"C-CERAMIC,CHIP;C330J,33PF,50V"	GRP1555C1H330JZ01E
48	C515	2203-000254	"C-CERAMIC,CHIP;C103K,10NF,16V"	GRP155R71C103KA01E
49	C516	2203-000812	"C-CERAMIC,CHIP;C330J,33PF,50V"	GRP1555C1H330JZ01E
50	C517	2203-000812	"C-CERAMIC,CHIP;C330J,33PF,50V"	GRP1555C1H330JZ01E
51	C518	2203-000254	"C-CERAMIC,CHIP;C103K,10NF,16V"	GRP155R71C103KA01E
52	C519	2203-000254	"C-CERAMIC,CHIP;C103K,10NF,16V"	GRP155R71C103KA01E
53	C520	2203-000254	"C-CERAMIC,CHIP;C103K,10NF,16V"	GRP155R71C103KA01E
54	C521	2203-000254	"C-CERAMIC,CHIP;C103K,10NF,16V"	GRP155R71C103KA01E
55	C522	2203-000812	"C-CERAMIC,CHIP;C330J,33PF,50V"	GRP1555C1H330JZ01E
56	C523	2203-000812	"C-CERAMIC,CHIP;C330J,33PF,50V"	GRP1555C1H330JZ01E
57	C524	2203-000812	"C-CERAMIC,CHIP;C330J,33PF,50V"	GRP1555C1H330JZ01E
58	C525	2203-000812	"C-CERAMIC,CHIP;C330J,33PF,50V"	GRP1555C1H330JZ01E
59	C526	2203-005061	"C-CERAMIC,CHIP;C104Z,100NF,16V"	CL05F104ZONC
60	C527	2203-000254	"C-CERAMIC,CHIP;C103K,10NF,16V"	GRP155R71C103KA01E
61	C528	2203-000679	"C-CERAMIC,CHIP;C270J,27PF,50V"	GRP1555C1H270JZ01E
62	C529	2203-000679	"C-CERAMIC,CHIP;C270J,27PF,50V"	GRP1555C1H270JZ01E
63	C530	2203-000679	"C-CERAMIC,CHIP;C270J,27PF,50V"	GRP1555C1H270JZ01E
64	C531	2203-000679	"C-CERAMIC,CHIP;C270J,27PF,50V"	GRP1555C1H270JZ01E
65	C532	2203-005480	"C-CERAMIC,CHIP;C333K,33NF,10V"	GRP155R71A333KA01E
66	C537	2203-003054	"C-CERAMIC,CHIP;C090C,9PF,50V"	GRP1555C1H9R0DZ01E
67	C538	2203-005480	"C-CERAMIC,CHIP;C333K,33NF,10V"	GRP155R71A333KA01E
68	C539	2203-000812	"C-CERAMIC,CHIP;C330J,33PF,50V"	GRP1555C1H330JZ01E
69	C540	2203-000812	"C-CERAMIC,CHIP;C330J,33PF,50V"	GRP1555C1H330JZ01E
70	C541	2203-005481	"C-CERAMIC,CHIP;C473K,47NF,10V"	GRP155R71A473KA01E
71	C542	2203-003054	"C-CERAMIC,CHIP;C090C,9PF,50V"	GRP1555C1H9R0DZ01E
72	C544	2203-000679	"C-CERAMIC,CHIP;C270J,27PF,50V"	GRP1555C1H270JZ01E
73	C545	2203-000679	"C-CERAMIC,CHIP;C270J,27PF,50V"	GRP1555C1H270JZ01E
74	C547	2203-000254	"C-CERAMIC,CHIP;C103K,10NF,16V"	GRP155R71C103KA01E
75	C548	2203-003054	"C-CERAMIC,CHIP;C090C,9PF,50V"	GRP1555C1H9R0DZ01E
76	C549	2203-000254	"C-CERAMIC,CHIP;C103K,10NF,16V"	GRP155R71C103KA01E
77	C550	2203-000254	"C-CERAMIC,CHIP;C103K,10NF,16V"	GRP155R71C103KA01E
78	C551	2203-000254	"C-CERAMIC,CHIP;C103K,10NF,16V"	GRP155R71C103KA01E
79	C552	2203-000812	"C-CERAMIC,CHIP;C330J,33PF,50V"	GRP1555C1H330JZ01E
80	C553	2404-001162	"C-TA,CHIP;F950G476MAAJZTQ2"	F950G476MAAJZTQ2

NO	Reference	SEC Code	Part Description	Vendor Part No
81	C560	2203-003054	"C-CERAMIC,CHIP;C090C,9PF,50V"	GRP1555C1H9R0DZ01E
82	C561	2203-000386	"C-CERAMIC,CHIP;C150J,15PF,50V"	GRP1555C1H150JZ01E
83	C591	2203-000254	"C-CERAMIC,CHIP;C103K,10NF,16V"	GRP155R71C103KA01E
84	C617	2203-000679	"C-CERAMIC,CHIP;C270J,27PF,50V"	GRP1555C1H270JZ01E
85	C633	2203-005446	"C-CERAMIC,CHIP;C2R7B,2.7PF,50V"	GRP1555C1H2R7BZ01E
86	C657	2203-001221	"C-CERAMIC,CHIP;C821K,820PF,50V"	CL05B821KBNC
87	C659	2203-000233	"C-CERAMIC,CHIP;C101J,100PF,50V"	GRP1555C1H101JD01E
88	C660	2203-000233	"C-CERAMIC,CHIP;C101J,100PF,50V"	GRP1555C1H101JD01E
89	C661	2203-000995	"C-CERAMIC,CHIP;C470J,47PF,50V"	GRP1555C1H470JZ01E
90	C666	2203-000438	"C-CERAMIC,CHIP;C102K,1NF,50V"	GRP155R71H102KA01E
91	C667	2203-000679	"C-CERAMIC,CHIP;C270J,27PF,50V"	GRP1555C1H270JZ01E
92	C668	2203-000995	"C-CERAMIC,CHIP;C470J,47PF,50V"	GRP1555C1H470JZ01E
93	C672	2203-000438	"C-CERAMIC,CHIP;C102K,1NF,50V"	GRP155R71H102KA01E
94	C680	2203-005234	"C-CERAMIC,CHIP;C1R2C,1.2PF,50V"	CL05C1R2CBNC
95	C701	2203-001101	"C-CERAMIC,CHIP;C682K,6.8NF,25V"	GRP155R71E682KA01E
96	D100	0401-001033	"DIODE-SWITCHING;MCL4154,25V,200mA"	MCL4154
97	F200	2901-001116	"FILTER-EMI SMD;50V,0.3A,-,470PF,2"	NFM21CC471R1H3D
98	F201	2901-001116	"FILTER-EMI SMD;50V,0.3A,-,470PF,2"	NFM21CC471R1H3D
99	F203	2901-001116	"FILTER-EMI SMD;50V,0.3A,-,470PF,2"	NFM21CC471R1H3D
100	L200	2703-001752	INDUCTOR-SMD;LL1005-FH39NJ	LL1005-FH39NJ
101	L500	2703-001752	INDUCTOR-SMD;LL1005-FH39NJ	LL1005-FH39NJ
102	L604	2703-002201	INDUCTOR-SMD;CIH05T33NJNC	CIH05T33NJNC
103	L624	2703-001206	INDUCTOR-SMD;LL1608-FH4N7S	LL1608-FH4N7S
104	LED201	0601-001543	LED;HL500-F01-SS	HL500-F01-SS
105	OSC401	2801-004112	"CRYSTAL-SMD;19.68MHZ,10PPM,28-ACF"	TSX-8A
106	OSC500	2801-004025	"CRYSTAL-UNIT;0.032768MHz,20ppm,28"	FC-255
107	Q200	0504-001012	TR-SMALL SIGNAL;DTC114YE	DTC114YE
108	Q201	0501-002011	TR-SMALL SIGNAL;2SD2114KT146V	2SD2114KT146V
109	Q202	0504-001012	TR-SMALL SIGNAL;DTC114YE	DTC114YE
110	Q203	0504-001012	TR-SMALL SIGNAL;DTC114YE	DTC114YE
111	Q400	0501-000162	TR-SMALL SIGNAL;2SA1576FRT106	2SA1576A-R-T106
112	Q600	0504-001058	TR-SMALL SIGNAL;RN4985-TE85L	RN4985-TE85L
113	Q601	0504-001058	TR-SMALL SIGNAL;RN4985-TE85L	RN4985-TE85L
114	Q603	0504-001012	TR-SMALL SIGNAL;DTC114YE	DTC114YE
115	Q650	0504-001042	TR-SMALL SIGNAL;BCR10PN	BCR10PN
116	R100	2007-000157	"R-CHIP;47K,5%"	RC1005J473CS
117	R101	2007-000140	"R-CHIP;1K,5%"	RC1005J102CS
118	R202	2007-000162	"R-CHIP;100K,5%"	RC1005J104CS
119	R203	2007-000172	"R-CHIP;10,5%"	RC1005J100CS
120	R204	2007-000172	"R-CHIP;10,5%"	RC1005J100CS
121	R205	2011-001344	"R-NETWORK;100ohm,5%,1/16W,L,CHIP,"	EXB28V101JX
122	R206	2007-000138	"R-CHIP;100,5%"	RC1005J101CS

NO	Reference	SEC Code	Part Description	Vendor Part No
123	R207	2011-001344	"R-NETWORK;100ohm,5%,1/16W,L,CHIP,"	EXB28V101JX
124	R208	2007-000170	"R-CHIP;1M,5%"	RC1005J105CS
125	R209	2007-000566	"R-CHIP;220K,5%"	RC1005J224CS
126	R210	2007-000138	"R-CHIP;100,5%"	RC1005J101CS
127	R211	2007-001301	"R-CHIP;68,5%"	RC1005J680CS
128	R212	2007-000139	"R-CHIP;220,5%"	RC1005J221CS
129	R213	2007-000172	"R-CHIP;10,5%"	RC1005J100CS
130	R214	2007-000172	"R-CHIP;10,5%"	RC1005J100CS
131	R215	2007-000140	"R-CHIP;1K,5%"	RC1005J102CS
132	R217	2007-000162	"R-CHIP;100K,5%"	RC1005J104CS
133	R400	2007-000148	"R-CHIP;10K,5%"	RC1005J103CS
134	R401	2007-000162	"R-CHIP;100K,5%"	RC1005J104CS
135	R403	2007-000162	"R-CHIP;100K,5%"	RC1005J104CS
136	R404	2007-000162	"R-CHIP;100K,5%"	RC1005J104CS
137	R405	2007-000162	"R-CHIP;100K,5%"	RC1005J104CS
138	R406	2007-000162	"R-CHIP;100K,5%"	RC1005J104CS
139	R407	2007-000162	"R-CHIP;100K,5%"	RC1005J104CS
140	R409	2007-000162	"R-CHIP;100K,5%"	RC1005J104CS
141	R412	2007-000162	"R-CHIP;100K,5%"	RC1005J104CS
142	R422	2007-000170	"R-CHIP;1M,5%"	RC1005J105CS
143	R423	2007-001119	"R-CHIP;680,5%"	RC1005J681CS
144	R432	2007-001325	"R-CHIP;3.3K,5%"	RC1005J332CS
145	R438	2007-000775	"R-CHIP;33K,5%"	RC1005J333CS
146	R439	2007-007090	"R-CHIP;11K,5%"	ERJ2GEJ113X
147	R440	2007-001244	"R-CHIP;91K,5%"	RC1005J913CS
148	R500	2007-007317	"R-CHIP;2.2K,1%"	MCR01MZSF2201
149	R501	2007-007317	"R-CHIP;2.2K,1%"	MCR01MZSF2201
150	R502	2007-007317	"R-CHIP;2.2K,1%"	MCR01MZSF2201
151	R503	2007-007317	"R-CHIP;2.2K,1%"	MCR01MZSF2201
152	R504	2007-007318	"R-CHIP;1K,1%"	RK73H1ETP1001F
153	R506	2007-007318	"R-CHIP;1K,1%"	RK73H1ETP1001F
154	R507	2007-007318	"R-CHIP;1K,1%"	RK73H1ETP1001F
155	R508	2007-000162	"R-CHIP;100K,5%"	RC1005J104CS
156	R509	2007-000162	"R-CHIP;100K,5%"	RC1005J104CS
157	R510	2007-000162	"R-CHIP;100K,5%"	RC1005J104CS
158	R511	2007-007318	"R-CHIP;1K,1%"	RK73H1ETP1001F
159	R512	2007-000157	"R-CHIP;47K,5%"	RC1005J473CS
160	R513	2007-000162	"R-CHIP;100K,5%"	RC1005J104CS
161	R514	2007-000148	"R-CHIP;10K,5%"	RC1005J103CS
162	R518	2007-000148	"R-CHIP;10K,5%"	RC1005J103CS
163	R519	2007-000148	"R-CHIP;10K,5%"	RC1005J103CS
164	R520	2007-000162	"R-CHIP;100K,5%"	RC1005J104CS

NO	Reference	SEC Code	Part Description	Vendor Part No
165	R521	2007-000152	"R-CHIP;20K,5%"	RC1005J203CS
166	R523	2007-000162	"R-CHIP;100K,5%"	RC1005J104CS
167	R524	2007-000157	"R-CHIP;47K,5%"	RC1005J473CS
168	R525	2007-000139	"R-CHIP;220,5%"	RC1005J221CS
169	R526	2007-000168	"R-CHIP;470K,5%"	RC1005J474CS
170	R527	2007-002796	"R-CHIP;510,5%"	MCR01MZSJ511
171	R528	2007-000162	"R-CHIP;100K,5%"	RC1005J104CS
172	R529	2007-000157	"R-CHIP;47K,5%"	RC1005J473CS
173	R530	2007-002796	"R-CHIP;510,5%"	MCR01MZSJ511
174	R531	2007-000139	"R-CHIP;220,5%"	RC1005J221CS
175	R532	2007-000141	"R-CHIP;2.2K,5%"	RC1005J222CS
176	R533	2007-000141	"R-CHIP;2.2K,5%"	RC1005J222CS
177	R535	2007-000148	"R-CHIP;10K,5%"	RC1005J103CS
178	R536	2007-000148	"R-CHIP;10K,5%"	RC1005J103CS
179	R538	2007-007981	"R-CHIP;180K,1%"	ERJ2RKF1803X
180	R540	2011-001345	"R-NETWORK;10Kohm,5%,1/16W,L,CHIP,"	EXB28V103JX
181	R541	2007-007488	"R-CHIP;75K,1%"	MCR01MZSF7502
182	R542	2007-000170	"R-CHIP;1M,5%"	RC1005J105CS
183	R543	2007-007771	"R-CHIP;0,5%"	RC1005J000CS
184	R544	2007-000170	"R-CHIP;1M,5%"	RC1005J105CS
185	R545	2007-000169	"R-CHIP;510K,5%"	RC1005J514CS
186	R547	2007-000162	"R-CHIP;100K,5%"	RC1005J104CS
187	R587	2007-000162	"R-CHIP;100K,5%"	RC1005J104CS
188	R590	2007-000148	"R-CHIP;10K,5%"	RC1005J103CS
189	R599	2007-000162	"R-CHIP;100K,5%"	RC1005J104CS
190	R617	2007-007698	"R-CHIP;5.1K,1%"	MCR01MZSF5101
191	R618	2007-007142	"R-CHIP;10K,1%"	RK73H1ETP1002F
192	R619	2007-007142	"R-CHIP;10K,1%"	RK73H1ETP1002F
193	R622	2007-001311	"R-CHIP;270,5%"	RC1005J271CS
194	R623	2007-007311	"R-CHIP;22K,1%"	MCR01MZSF2202
195	R625	2007-001301	"R-CHIP;68,5%"	RC1005J680CS
196	R626	2007-001301	"R-CHIP;68,5%"	RC1005J680CS
197	R628	2007-007307	"R-CHIP;150,1%"	MCR01MZSF1500
198	R629	2007-007142	"R-CHIP;10K,1%"	RK73H1ETP1002F
199	R630	2007-001301	"R-CHIP;68,5%"	RC1005J680CS
200	R631	2007-001301	"R-CHIP;68,5%"	RC1005J680CS
201	R634	2007-000148	"R-CHIP;10K,5%"	RC1005J103CS
202	R639	2007-000148	"R-CHIP;10K,5%"	RC1005J103CS
203	R641	2007-000148	"R-CHIP;10K,5%"	RC1005J103CS
204	U100	1203-002077	IC;LP2985AIM5-3.3	LP2985AIM5-3.3
205	U200	0504-001058	TR-SMALL SIGNAL;RN4985-TE85L	RN4985-TE85L
206	U401	0801-002540	IC;NC7SZ19P6X	NC7SZ19P6X

NO	Reference	SEC Code	Part Description	Vendor Part No
207	U410	1109-001204	IC;LRS1383	LRS1383
208	U413	0801-002727	"IC-CMOS LOGIC;27WZ04,INVERTER,SOT"	NL27WZ04DFT2
209	U430	1204-001811	IC;YMU759-QE2	YMU759-QE2
210	U501	1205-001881	"IC-COMM. CONTROLLER;VP40575,BGA,1"	VP40575
211	U502	1001-001145	IC;MAX4599EXT-T	DG9411DL
212	U506	1202-001036	IC;TC75W56FK-TE12L	TC75W56FK-TE12L
213	U520	1103-001262	IC;AT24C512C1-10CI-2.7	AT24C512C1-10CI-2.7
214	U611	1209-001354	"IC-ETC, LINEAR;HD155173NPEL,QFP,2"	HD155173NPSEL
215	U635	0505-001423	TR-SMALL SIGNAL;FDG6323L	FDG6323L
216	V500	1405-001082	"VARISTOR;5.6V,20A,1x0.5x0.6mm,TP"	VC040205X150R
217	V507	1405-001082	"VARISTOR;5.6V,20A,1x0.5x0.6mm,TP"	VC040205X150R
218	V508	1405-001082	"VARISTOR;5.6V,20A,1x0.5x0.6mm,TP"	VC040205X150R
219	V509	1405-001082	"VARISTOR;5.6V,20A,1x0.5x0.6mm,TP"	VC040205X150R

3-2 Main Parts List Bottom

NO	Reference	SEC Code	Part Description	Vendor Part No
1	A1	GH61-00026A	"SPRING ETC-ANT.CONTACT;SGH-N620,B"	-
2	C105	2404-001105	"C-TA,CHIP;10UF/6.3V"	TCSCS0J106MPAR
3	C106	2203-005061	"C-CERAMIC,CHIP;C104Z,100NF,16V"	CL05F104ZONC
4	C107	2203-005065	"C-CERAMIC,CHIP;C105Z,1UF,10V"	CL10F105ZPNC
5	C108	2203-000254	"C-CERAMIC,CHIP;C103K,10NF,16V"	GRP155R71C103KA01E
6	C109	2404-001105	"C-TA,CHIP;10UF/6.3V"	TCSCS0J106MPAR
7	C110	2203-005061	"C-CERAMIC,CHIP;C104Z,100NF,16V"	CL05F104ZONC
8	C111	2203-000254	"C-CERAMIC,CHIP;C103K,10NF,16V"	GRP155R71C103KA01E
9	C112	2404-001105	"C-TA,CHIP;10UF/6.3V"	TCSCS0J106MPAR
10	C113	2404-001239	"C-TA,CHIP;100UF/6.3V"	F950J107MBAAQ2
11	C114	2404-001105	"C-TA,CHIP;10UF/6.3V"	TCSCS0J106MPAR
12	C115	2404-001239	"C-TA,CHIP;100UF/6.3V"	F950J107MBAAQ2
13	C116	2203-005065	"C-CERAMIC,CHIP;C105Z,1UF,10V"	CL10F105ZPNC
14	C117	2203-000254	"C-CERAMIC,CHIP;C103K,10NF,16V"	GRP155R71C103KA01E
15	C118	2203-000254	"C-CERAMIC,CHIP;C103K,10NF,16V"	GRP155R71C103KA01E
16	C119	2404-001105	"C-TA,CHIP;10UF/6.3V"	TCSCS0J106MPAR
17	C120	2203-005061	"C-CERAMIC,CHIP;C104Z,100NF,16V"	CL05F104ZONC
18	C121	2203-000254	"C-CERAMIC,CHIP;C103K,10NF,16V"	GRP155R71C103KA01E
19	C122	2203-005065	"C-CERAMIC,CHIP;C105Z,1UF,10V"	CL10F105ZPNC
20	C123	2203-000254	"C-CERAMIC,CHIP;C103K,10NF,16V"	GRP155R71C103KA01E
21	C124	2404-001105	"C-TA,CHIP;10UF/6.3V"	TCSCS0J106MPAR
22	C125	2203-000679	"C-CERAMIC,CHIP;C270J,27PF,50V"	GRP1555C1H270JZ01E
23	C126	2404-001231	"C-TA,CHIP;47UH/6.3V"	595D476X06R3A2T
24	C127	2203-005065	"C-CERAMIC,CHIP;C105Z,1UF,10V"	CL10F105ZPNC
25	C128	2203-000254	"C-CERAMIC,CHIP;C103K,10NF,16V"	GRP155R71C103KA01E
26	C190	2203-005065	"C-CERAMIC,CHIP;C105Z,1UF,10V"	CL10F105ZPNC
27	C200	2203-000679	"C-CERAMIC,CHIP;C270J,27PF,50V"	GRP1555C1H270JZ01E
28	C201	2203-001153	"C-CERAMIC,CHIP;C680J,68PF,50V"	GRP1555C1H680JD01E
29	C217	2203-005061	"C-CERAMIC,CHIP;C104Z,100NF,16V"	CL05F104ZONC
30	C300	2203-005061	"C-CERAMIC,CHIP;C104Z,100NF,16V"	CL05F104ZONC
31	C302	2203-005061	"C-CERAMIC,CHIP;100nF,+80-20%,16V,"	CL05F104ZONC
32	C306	2203-005061	"C-CERAMIC,CHIP;C104Z,100NF,16V"	CL05F104ZONC
33	C316	2404-001020	"C-TA,CHIP;10UF/10V"	T491A106M010AS
34	C317	2404-001105	"C-TA,CHIP;10UF/6.3V"	TCSCS0J106MPAR
35	C318	2203-005061	"C-CERAMIC,CHIP;C104Z,100NF,16V"	CL05F104ZONC
36	C320	2203-005065	"C-CERAMIC,CHIP;C105Z,1UF,10V"	CL10F105ZPNC
37	C491	2203-005065	"C-CERAMIC,CHIP;C105Z,1UF,10V"	CL10F105ZPNC
38	C492	2203-000679	"C-CERAMIC,CHIP;C270J,27PF,50V"	GRP1555C1H270JZ01E
39	C533	2203-005444	"C-CERAMIC,CHIP;C030B,3PF,50V"	GRP1555C1H3R0BZ01E
40	C534	2203-000330	"C-CERAMIC,CHIP;C120J,12PF,50V"	GRP1555C1H120JZ01E
41	C554	2203-000330	"C-CERAMIC,CHIP;C120J,12PF,50V"	GRP1555C1H120JZ01E
42	C555	2203-005444	"C-CERAMIC,CHIP;C030B,3PF,50V"	GRP1555C1H3R0BZ01E

NO	Reference	SEC Code	Part Description	Vendor Part No
43	C600	2203-000438	"C-CERAMIC,CHIP;C102K,1NF,50V"	GRP155R71H102KA01E
44	C601	2203-000254	"C-CERAMIC,CHIP;C103K,10NF,16V"	GRP155R71C103KA01E
45	C602	2203-000278	"C-CERAMIC,CHIP;C100D,10PF,50V"	GRP1555C1H100JZ01E
46	C604	2203-001259	"C-CERAMIC,CHIP;C080D,8PF,50V"	GRP1555C1H8R0DZ01E
47	C605	2203-005055	"C-CERAMIC,CHIP;C5R6C,5.6PF,50V"	GRP1555C1H5R6CZ01E
48	C607	2203-000278	"C-CERAMIC,CHIP;C100D,10PF,50V"	GRP1555C1H100JZ01E
49	C608	2203-000233	"C-CERAMIC,CHIP;C101J,100PF,50V"	GRP1555C1H101JD01E
50	C609	2203-000679	"C-CERAMIC,CHIP;C270J,27PF,50V"	GRP1555C1H270JZ01E
51	C611	2203-000995	"C-CERAMIC,CHIP;C470J,47PF,50V"	GRP1555C1H470JZ01E
52	C612	2203-001259	"C-CERAMIC,CHIP;C080D,8PF,50V"	GRP1555C1H8R0DZ01E
53	C615	2203-000438	"C-CERAMIC,CHIP;C102K,1NF,50V"	GRP155R71H102KA01E
54	C618	2203-000654	"C-CERAMIC,CHIP;C271K,270PF,50V"	GRP155R71H271KD01E
55	C619	2203-000679	"C-CERAMIC,CHIP;C270J,27PF,50V"	GRP1555C1H270JZ01E
56	C620	2203-000679	"C-CERAMIC,CHIP;C270J,27PF,50V"	GRP1555C1H270JZ01E
57	C621	2203-000278	"C-CERAMIC,CHIP;C100D,10PF,50V"	GRP1555C1H100JZ01E
58	C622	2203-000438	"C-CERAMIC,CHIP;C102K,1NF,50V"	GRP155R71H102KA01E
59	C623	2203-000233	"C-CERAMIC,CHIP;C101J,100PF,50V"	GRP1555C1H101JD01E
60	C624	2203-000233	"C-CERAMIC,CHIP;C101J,100PF,50V"	GRP1555C1H101JD01E
61	C625	2203-005053	"C-CERAMIC,CHIP;C3R9C,3.9PF,50V"	CL05C3R9CBNC
62	C627	2203-000438	"C-CERAMIC,CHIP;C102K,1NF,50V"	GRP155R71H102KA01E
63	C630	2203-000359	"C-CERAMIC,CHIP;C151J,150PF,50V"	GRP1555C1H151JD01E
64	C631	2203-000654	"C-CERAMIC,CHIP;C271K,270PF,50V"	GRP155R71H271KD01E
65	C632	2203-000438	"C-CERAMIC,CHIP;C102K,1NF,50V"	GRP155R71H102KA01E
66	C635	2203-000679	"C-CERAMIC,CHIP;C270J,27PF,50V"	GRP1555C1H270JZ01E
67	C636	2203-000438	"C-CERAMIC,CHIP;C102K,1NF,50V"	GRP155R71H102KA01E
68	C636	2203-000812	"C-CERAMIC,CHIP;C330J,33PF,50V"	GRP1555C1H330JZ01E
69	C637	2203-000679	"C-CERAMIC,CHIP;C270J,27PF,50V"	GRP1555C1H270JZ01E
70	C638	2203-000438	"C-CERAMIC,CHIP;C102K,1NF,50V"	GRP155R71H102KA01E
71	C639	2203-000254	"C-CERAMIC,CHIP;C103K,10NF,16V"	GRP155R71C103KA01E
72	C640	2203-000812	"C-CERAMIC,CHIP;C330J,33PF,50V"	GRP1555C1H330JZ01E
73	C641	2404-001105	"C-TA,CHIP;10UF/6.3V"	TCSCS0J106MPAR
74	C643	2203-000233	"C-CERAMIC,CHIP;C101J,100PF,50V"	GRP1555C1H101JD01E
75	C644	2404-001280	"C-TA,CHIP;220UF/6.3V"	F750J227MUCGZT
76	C645	2203-000438	"C-CERAMIC,CHIP;C102K,1NF,50V"	GRP155R71H102KA01E
77	C646	2203-005050	"C-CERAMIC,CHIP;C1R8C,1.8PF,50V"	GRP1555C1H1R8CZ01E
78	C648	2203-000438	"C-CERAMIC,CHIP;C102K,1NF,50V"	GRP155R71H102KA01E
79	C649	2404-001101	"C-TA,CHIP;1UF/16V"	TAJR105M016R
80	C650	2203-000438	"C-CERAMIC,CHIP;C102K,1NF,50V"	GRP155R71H102KA01E
81	C651	2203-000812	"C-CERAMIC,CHIP;C330J,33PF,50V"	GRP1555C1H330JZ01E
82	C652	2203-002443	"C-CERAMIC,CHIP;C331K,330PF,50V"	CL05B331KBNC
83	C653	2301-001197	"C-FILM,CHIP;0.39nF,5%,50V,TP,2x1."	ECHU1H391JX5
84	C654	2301-001213	"C-FILM,CHIP;6.8nF,5%,16V,TP,2012,"	ECHU1C682JX5

NO	Reference	SEC Code	Part Description	Vendor Part No
85	C655	2203-000679	"C-CERAMIC,CHIP;C270J,27PF,50V"	GRP1555C1H270JZ01E
86	C658	2203-000812	"C-CERAMIC,CHIP;C330J,33PF,50V"	GRP1555C1H330JZ01E
87	C662	2203-002525	"C-CERAMIC,CHIP;C561K,560PF,50V"	GRP155R71H561KD01E
88	C664	2203-000233	"C-CERAMIC,CHIP;C101J,100PF,50V"	GRP1555C1H101JD01E
89	C665	2203-000233	"C-CERAMIC,CHIP;C101J,100PF,50V"	GRP1555C1H101JD01E
90	C669	2203-000254	"C-CERAMIC,CHIP;C103K,10NF,16V"	GRP155R71C103KA01E
91	C670	2203-002525	"C-CERAMIC,CHIP;C561K,560PF,50V"	GRP155R71H561KD01E
92	C671	2203-000254	"C-CERAMIC,CHIP;C103K,10NF,16V"	GRP155R71C103KA01E
93	C673	2203-002525	"C-CERAMIC,CHIP;C561K,560PF,50V"	GRP155R71H561KD01E
94	C674	2203-000254	"C-CERAMIC,CHIP;C103K,10NF,16V"	GRP155R71C103KA01E
95	C675	2203-000233	"C-CERAMIC,CHIP;C101J,100PF,50V"	GRP1555C1H101JD01E
96	C676	2203-000233	"C-CERAMIC,CHIP;C101J,100PF,50V"	GRP1555C1H101JD01E
97	C677	2203-000233	"C-CERAMIC,CHIP;C101J,100PF,50V"	GRP1555C1H101JD01E
98	C678	2203-000233	"C-CERAMIC,CHIP;C101J,100PF,50V"	GRP1555C1H101JD01E
99	C679	2203-000679	"C-CERAMIC,CHIP;C270J,27PF,50V"	GRP1555C1H270JZ01E
100	C700	2203-000330	"C-CERAMIC,CHIP;C120J,12PF,50V"	GRP1555C1H120JZ01E
101	C702	2203-000278	"C-CERAMIC,CHIP;C100D,10PF,50V"	GRP1555C1H100JZ01E
102	CN2	3710-001105	CONNECTOR;24-8005-002-000-867	24-8005-002-000-867
103	CN211	3711-004937	CONNECTOR;AXK6F14335J	AXK6F14335J
104	CN220	3710-001595	CONNECTOR;1004-0018-304	1004-0018-304
105	CN3	3710-001105	CONNECTOR;24-8005-002-000-867	24-8005-002-000-867
106	CN310	3709-001177	CONNECTOR;ID1AS1-6S-2.54SFD	ID1AS1-6S-2.54SFD
107	CN501	3722-001715	"JACK-PHONE;6P,2.3PI,AU,BLK,-"	02-828P0-53BKA
108	D300	0407-001007	"DIODE-ARRAY;UMN1,80V,25mA,CA4-2,U"	UMN1
109	L600	2703-001669	INDUCTOR-SMD;0603CS-72NXJBC	0603CS-72NXJBC
110	L601	2703-001669	INDUCTOR-SMD;0603CS-72NXJBC	0603CS-72NXJBC
111	L602	2703-002201	INDUCTOR-SMD;CIH05T33NJNC	CIH05T33NJNC
112	L603	2703-001514	INDUCTOR-SMD;0603CS-68NXJBC	0603CS-68NXJBC
113	L605	2703-002268	INDUCTOR-SMD;CIH05T8N2JNC	CIH05T8N2JNC
114	L606	2703-002204	INDUCTOR-SMD;CIH05T22NJNC	CIH05T22NJNC
115	L607	2703-002281	INDUCTOR-SMD;CIH05T5N6SNC	CIH05T5N6SNC
116	L608	2703-002170	INDUCTOR-SMD;CIH05T6N8JNC	CIH05T6N8JNC
117	L609	2703-002201	INDUCTOR-SMD;CIH05T33NJNC	CIH05T33NJNC
118	L612	2703-001685	INDUCTOR-SMD;0603CS-82NXJBC	0603CS-82NXJBC
119	L615	2703-002170	INDUCTOR-SMD;CIH05T6N8JNC	CIH05T6N8JNC
120	L616	2703-002170	INDUCTOR-SMD;CIH05T6N8JNC	CIH05T6N8JNC
121	L618	2703-002207	INDUCTOR-SMD;CIH05T3N3SNC	CIH05T3N3SNC
122	L622	2703-002198	INDUCTOR-SMD;CIH05T10NJNC	CIH05T10NJNC
123	L623	2703-002208	INDUCTOR-SMD;CIH05T2N2SNC	CIH05T2N2SNC
124	M100	4302-001119	"BATTERY-LI(2ND);3V,0.1MAH,-,-,3.1"	ML414R-TT30
125	Q300	0506-001004	"TR-ARRAY;UMC5N,NPN/PNP,2,50V,-,-1"	UMC5NTR
126	Q303	0501-002346	TR-SMALL SIGNAL;2SB1427-E-T100	2SB1427-E-T100

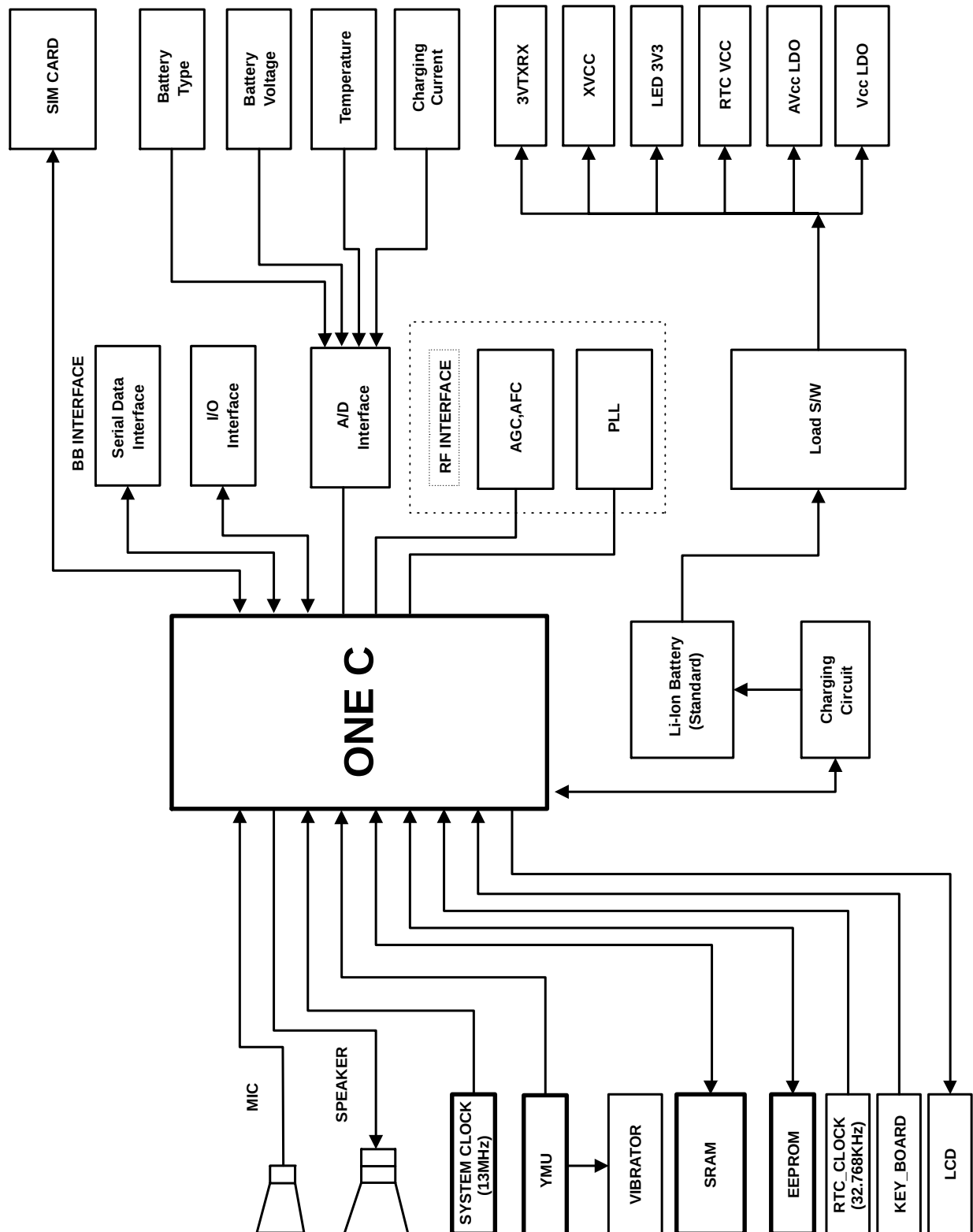
NO	Reference	SEC Code	Part Description	Vendor Part No
127	Q604	0501-000225	TR-SMALL SIGNAL;2SC4617	2SC4617R
128	R102	2007-000162	"R-CHIP;100K,5%"	RC1005J104CS
129	R103	2007-000162	"R-CHIP;100K,5%"	RC1005J104CS
130	R104	2007-000140	"R-CHIP;1K,5%"	RC1005J102CS
131	R105	2007-000162	"R-CHIP;100K,5%"	RC1005J104CS
132	R107	2007-000140	"R-CHIP;1K,5%"	RC1005J102CS
133	R108	2007-000140	"R-CHIP;1K,5%"	RC1005J102CS
134	R300	2007-000162	"R-CHIP;100K,5%"	RC1005J104CS
135	R301	2007-000162	"R-CHIP;100K,5%"	RC1005J104CS
136	R302	2007-000148	"R-CHIP;10K,5%"	RC1005J103CS
137	R303	2007-000162	"R-CHIP;100K,5%"	RC1005J104CS
138	R304	2007-000162	"R-CHIP;100K,5%"	RC1005J104CS
139	R305	2007-000162	"R-CHIP;100K,5%"	RC1005J104CS
140	R306	2007-000148	"R-CHIP;10K,5%"	RC1005J103CS
141	R307	2007-000159	"R-CHIP;56K,5%"	RC1005J563CS
142	R320	2007-007590	"R-CHIP;82K,1%"	MCR01MZSF8202
143	R323	2007-007107	"R-CHIP;100K,1%"	RK73H1ETP1003F
144	R328	2007-008117	"R-CHIP;2.7K,1%"	RK73H1ETP2701F
145	R492	2007-000143	"R-CHIP;4.7K,5%"	RC1005J472CS
146	R546	2007-007317	"R-CHIP;2.2K,1%"	MCR01MZSF2201
147	R602	2007-001298	"R-CHIP;51,5%"	RC1005J510CS
148	R604	2007-000172	"R-CHIP;10,5%"	RC1005J100CS
149	R605	2007-001298	"R-CHIP;51,5%"	RC1005J510CS
150	R606	2007-001335	"R-CHIP;36K,5%"	RC1005J363CS
151	R607	2007-000139	"R-CHIP;220,5%"	RC1005J221CS
152	R608	2007-000139	"R-CHIP;220,5%"	RC1005J221CS
153	R609	2007-001290	"R-CHIP;24,5%"	RC1005J240CS
154	R610	2007-000138	"R-CHIP;100,5%"	RC1005J101CS
155	R611	2007-001290	"R-CHIP;24,5%"	RC1005J240CS
156	R612	2007-001301	"R-CHIP;68,5%"	RC1005J680CS
157	R613	2007-000139	"R-CHIP;220,5%"	RC1005J221CS
158	R614	2007-000139	"R-CHIP;220,5%"	RC1005J221CS
159	R615	2007-000138	"R-CHIP;100,5%"	RC1005J101CS
160	R616	2007-000138	"R-CHIP;100,5%"	RC1005J101CS
161	R621	2007-000174	"R-CHIP;47,5%"	RC1005J470CS
162	R624	2007-000148	"R-CHIP;10K,5%"	RC1005J103CS
163	R632	2007-000140	"R-CHIP;1K,5%"	RC1005J102CS
164	R633	2007-000148	"R-CHIP;10K,5%"	RC1005J103CS
165	R635	2007-000140	"R-CHIP;1K,5%"	RC1005J102CS
166	R636	2007-007529	"R-CHIP;91K,1%"	MCR01MZSF9102
167	R637	2007-000172	"R-CHIP;10,5%"	RC1005J100CS
168	R638	2007-001333	"R-CHIP;18K,5%"	RC1005J183CS

NO	Reference	SEC Code	Part Description	Vendor Part No
169	R642	2011-001264	"R-NETWORK;10ohm,5%,1/16W,L,CHIP,8"	EXB28V100J
170	R643	2007-001319	"R-CHIP;1.2K,5%"	MCR01MZSJ122
171	R644	2007-000172	"R-CHIP;10,5%"	RC1005J100CS
172	SW1	3404-001152	"SWITCH-TACT;12V DC,20mA,160gf,4.5"	LS10N2-T
173	SW2	3404-001152	"SWITCH-TACT;12V DC,20mA,160gf,4.5"	LS10N2-T
174	TH300	1404-001005	"THERMISTOR-NTC;47Kohm,5%,4050K,2."	NCP21WB473J03RA
175	U102	1203-002076	IC;LP2985AIM5-3.0	LP2985AIM5-3.0
176	U103	1203-001701	IC;LP2982AIM5X-3.0	LP2982AIM5X-3.0
177	U104	0505-001423	TR-SMALL SIGNAL;FDG6323L	FDG6323L
178	U105	1203-002076	IC;LP2985AIM5-3.0	LP2985AIM5-3.0
179	U106	0505-001376	TR-SMALL SIGNAL;FDC6329L	FDC6329L
180	U110	1203-002076	IC;LP2985AIM5-3.0	LP2985AIM5-3.0
181	U111	0505-001423	TR-SMALL SIGNAL;FDG6323L	FDG6323L
182	U300	0505-001423	TR-SMALL SIGNAL;FDG6323L	FDG6323L
183	U303	1203-002127	IC;LTC1734ES6-4.2#TR	LTC1734ES6-4.2#TR
184	U420	1003-001440	IC;MDC3105LT1	MDC3105LT1
185	U580	1203-001511	IC;MAX809REUR-T	MAX809REUR-T
186	U600	3705-001242	CONNECTOR;CRS5001-1702	CRS5001-1702
187	U601	2903-001266	"FILTER-DIELECTRIC;BP,225MHZ,-,9dB"	SAFCJ225MRA0X01R11
188	U602	2909-001164	"FILTER-DUPLEXER;1.99GHZ,1.85GHZ,1"	LMG002S-5029A
189	U604	2904-001389	"FILTER-SAW;1.96GHZ,75MHZ,925-960M"	WG60AR0
190	U605	1205-001935	IC;HD155128TF	HD155128TFSEB
191	U607	4709-001214	"COUPLER-DIRECTION;880-915MHZ,19.5"	DCS214E-0897
192	U608	1201-001864	IC;PF08123B-TB	PF08123B-TB
193	U609	4709-001243	"COUPLER-DIRECTION;1850-1910MHZ,14"	DCS214A-1880
194	U610	NEW-IC001	OSCILLATOR-VCO;VOD1880C29KRB	VOD1880C29KRB
195	U612	1209-001337	"IC-PLL/SYNTHESISER;SI4133G-XM2R,L"	SI4133G-XM2R
196	U613	2809-001255	OSCILLATOR;TCO-9133S(13MHZ)	TCO-9133S(13MHZ)
197	U634	2904-001389	"FILTER-SAW;1.96GHZ,75MHZ,925-960M"	WG60AR0
198	V200	1405-001110	"VARISTOR;18V,20A,1X0.5X0.6MM,TP"	AVLC 14S 02 050
199	V201	1405-001110	"VARISTOR;18V,20A,1X0.5X0.6MM,TP"	AVLC 14S 02 050
200	V2010	1405-001093	"VARISTOR;14V,20A,1x0.5x0.6mm,TP"	VC040214X300
201	V202	1405-001110	"VARISTOR;18V,20A,1X0.5X0.6MM,TP"	AVLC 14S 02 050
202	V203	1405-001110	"VARISTOR;18V,20A,1X0.5X0.6MM,TP"	AVLC 14S 02 050
203	V204	1405-001110	"VARISTOR;18V,20A,1X0.5X0.6MM,TP"	AVLC 14S 02 050
204	V205	1405-001082	"VARISTOR;5.6V,20A,1x0.5x0.6mm,TP"	VC040205X150R
205	V206	1405-001110	"VARISTOR;18V,20A,1X0.5X0.6MM,TP"	AVLC 14S 02 050
206	V207	1405-001110	"VARISTOR;18V,20A,1X0.5X0.6MM,TP"	AVLC 14S 02 050
207	V208	1405-001110	"VARISTOR;18V,20A,1X0.5X0.6MM,TP"	AVLC 14S 02 050
208	V209	1405-001093	"VARISTOR;14V,20A,1x0.5x0.6mm,TP"	VC040214X300
209	V211	1405-001110	"VARISTOR;18V,20A,1X0.5X0.6MM,TP"	AVLC 14S 02 050
210	V212	1405-001093	"VARISTOR;14V,20A,1x0.5x0.6mm,TP"	VC040214X300

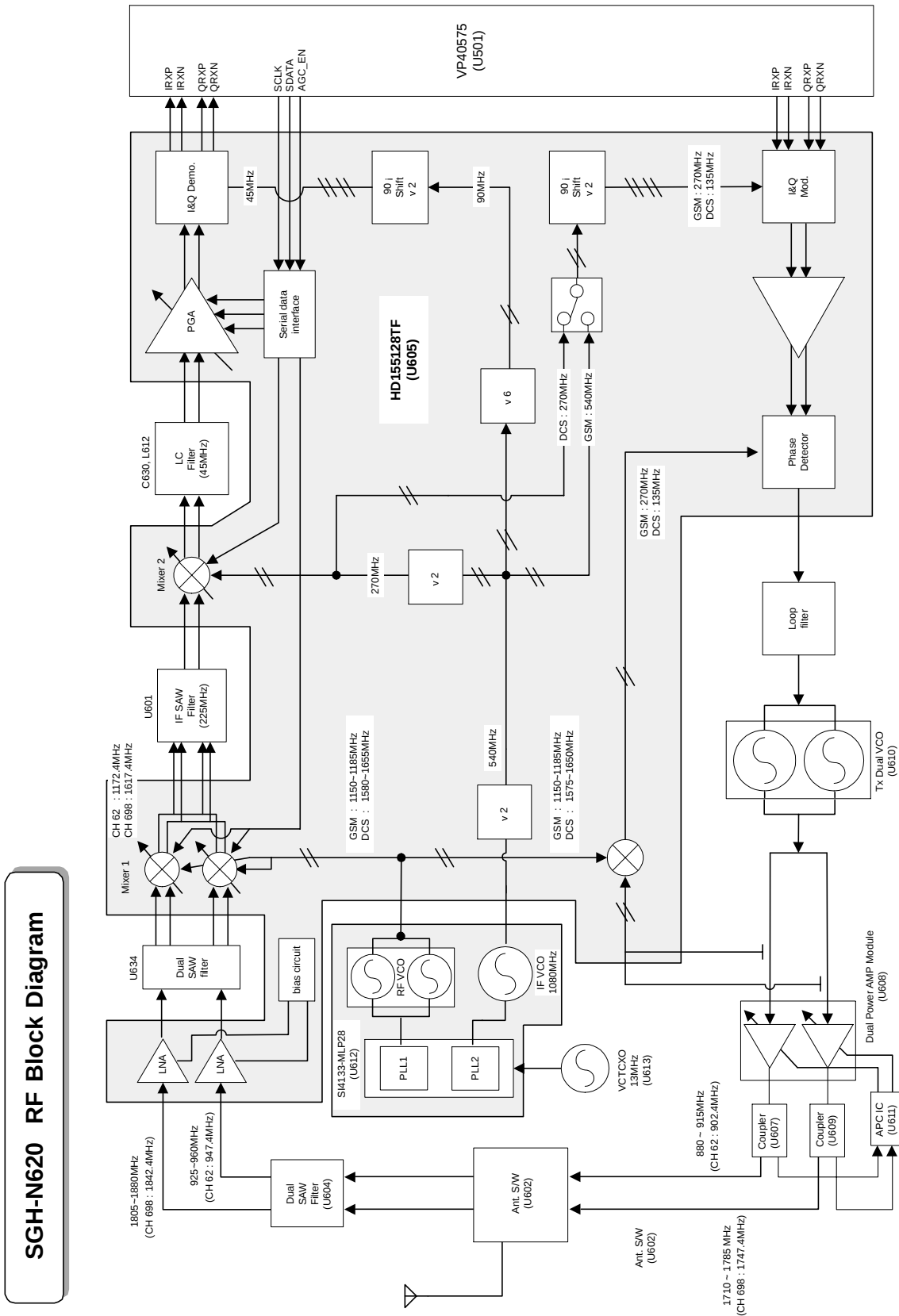
NO	Reference	SEC Code	Part Description	Vendor Part No
211	V213	1405-001093	"VARISTOR;14V,20A,1x0.5x0.6mm,TP"	VC040214X300
212	V400	1405-001082	"VARISTOR;5.6V,20A,1x0.5x0.6mm,TP"	VC040205X150R
213	V401	1405-001082	"VARISTOR;5.6V,20A,1x0.5x0.6mm,TP"	VC040205X150R
214	V402	1405-001082	"VARISTOR;5.6V,20A,1x0.5x0.6mm,TP"	VC040205X150R
215	V501	1405-001082	"VARISTOR;5.6V,20A,1x0.5x0.6mm,TP"	VC040205X150R
216	V502	1405-001082	"VARISTOR;5.6V,20A,1x0.5x0.6mm,TP"	VC040205X150R
217	V503	1405-001082	"VARISTOR;5.6V,20A,1x0.5x0.6mm,TP"	VC040205X150R
218	V504	1405-001082	"VARISTOR;5.6V,20A,1x0.5x0.6mm,TP"	VC040205X150R
219	V505	1405-001082	"VARISTOR;5.6V,20A,1x0.5x0.6mm,TP"	VC040205X150R
220	V506	1405-001082	"VARISTOR;5.6V,20A,1x0.5x0.6mm,TP"	VC040205X150R
221	ZD202	0406-001121	"DIODE-TVS;SMF05C,6/-/-V,100W,SC-7"	SMF05C
222	ZD203	0406-001121	"DIODE-TVS;SMF05C,6/-/-V,100W,SC-7"	SMF05C

4. Block Diagrams

4-1 Main Base Band



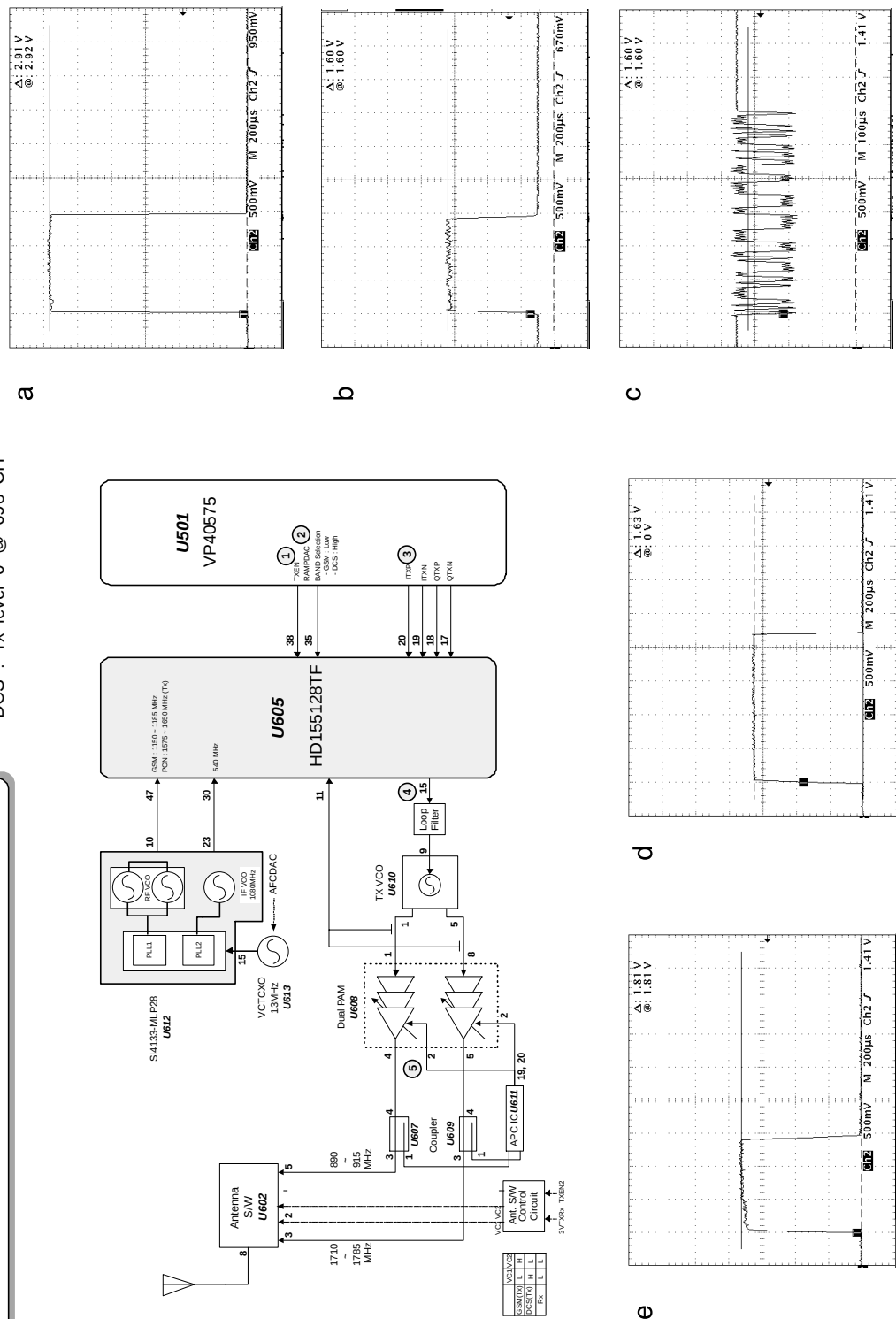
4-2 Main RF



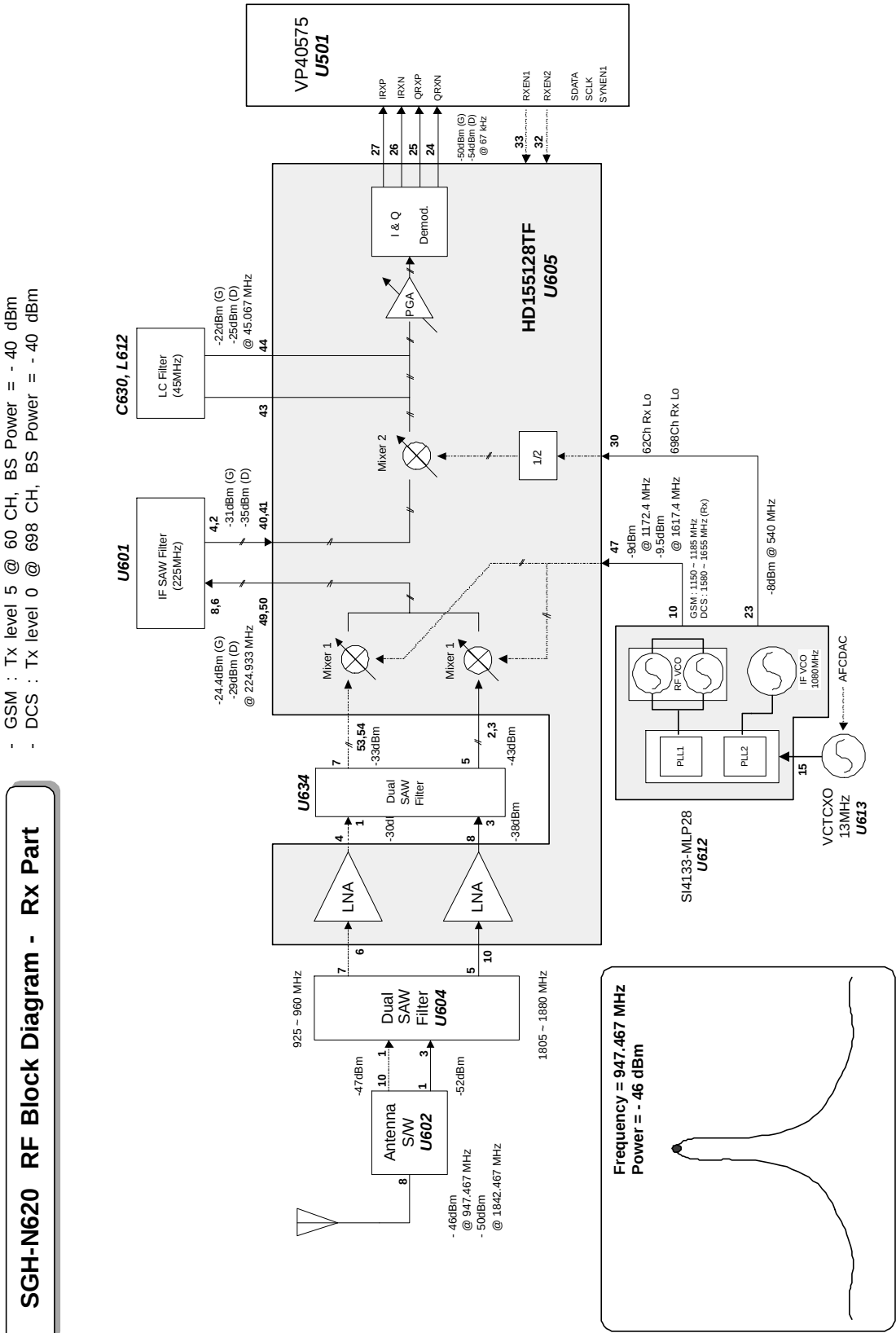
4-2-1 RF Tx Part

SGH-N620 RF Block Diagram - Tx Part

- GSM : Tx level 5 @ 60 CH
- DCS : Tx level 0 @ 698 CH

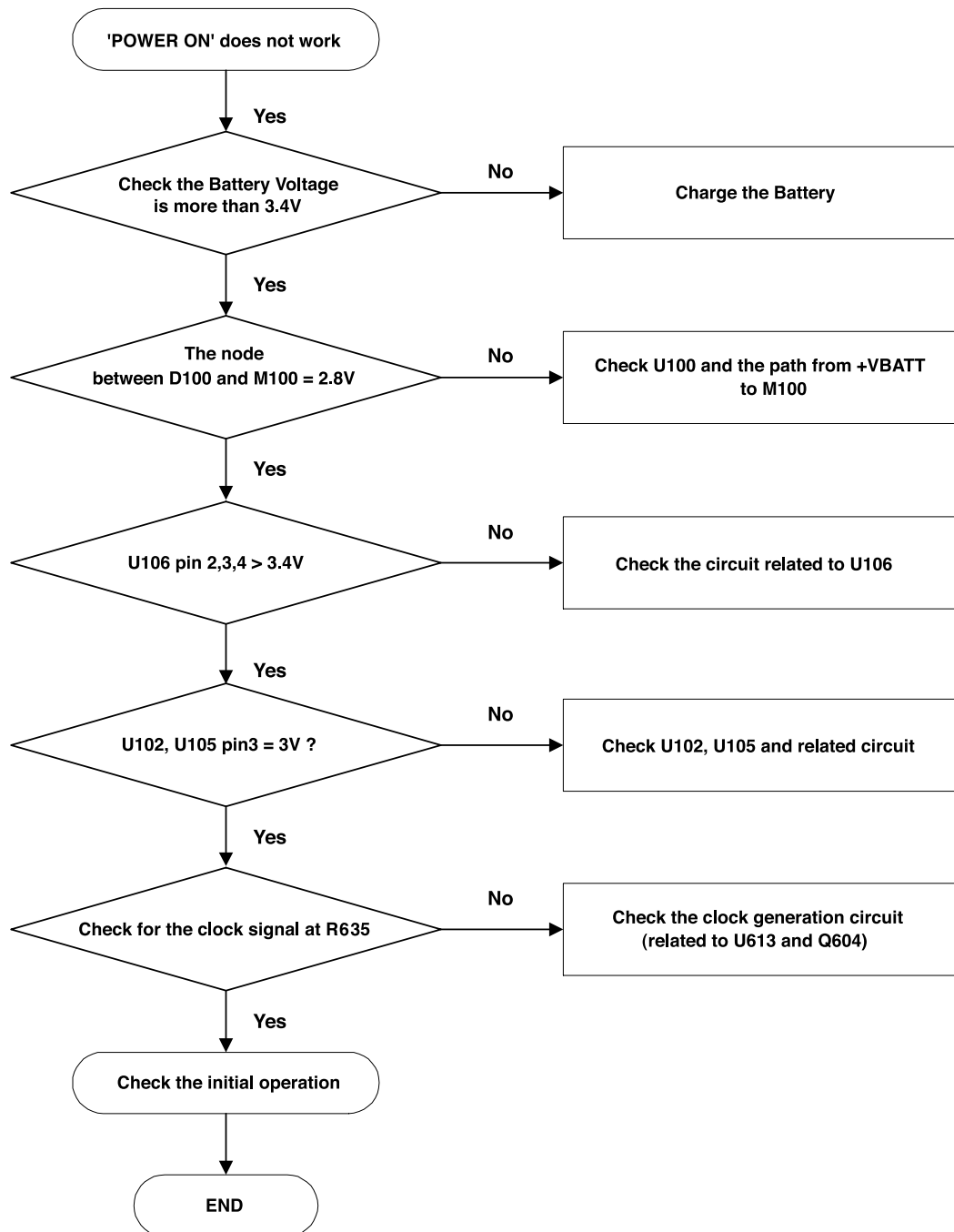


4-2-2 RF Rx Part

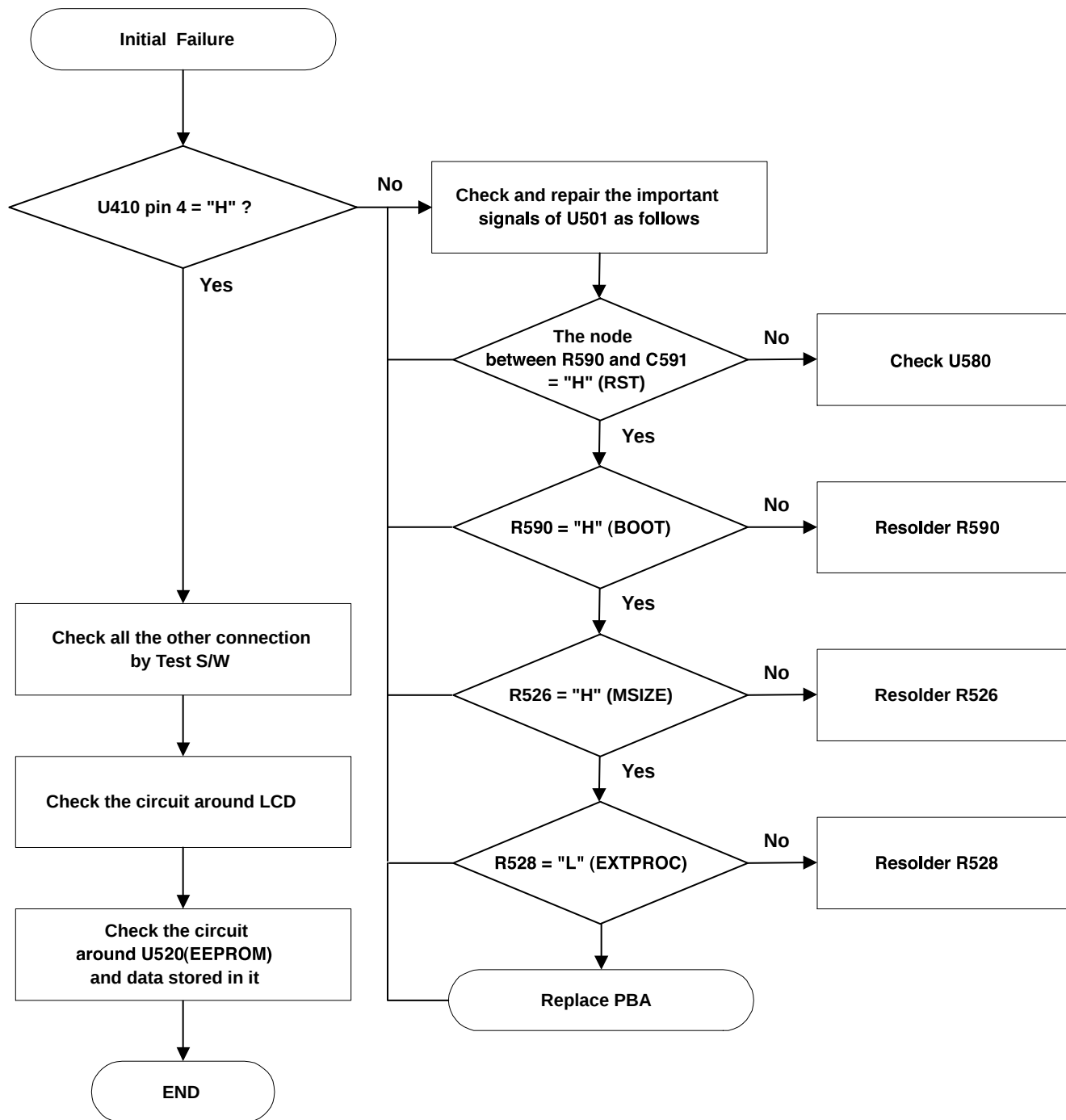


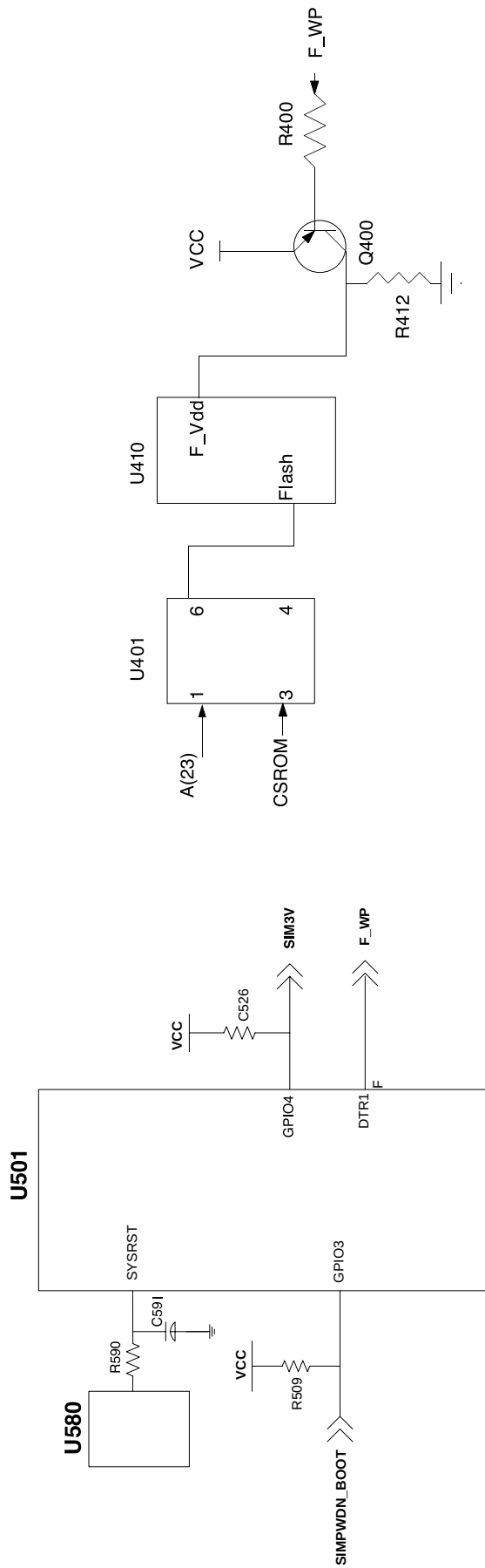
5. Flow chart of trouble shooting

5-1 Power ON

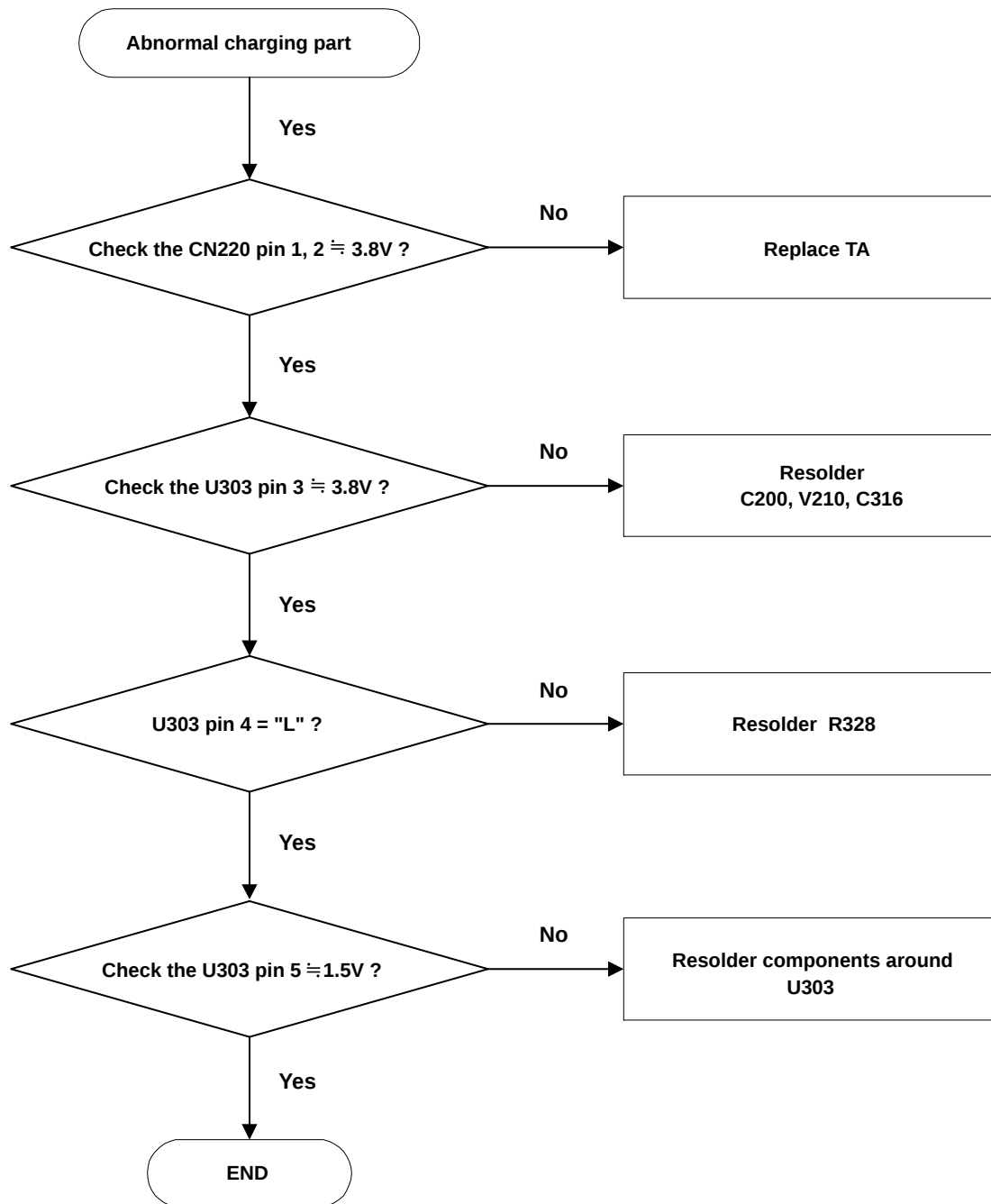


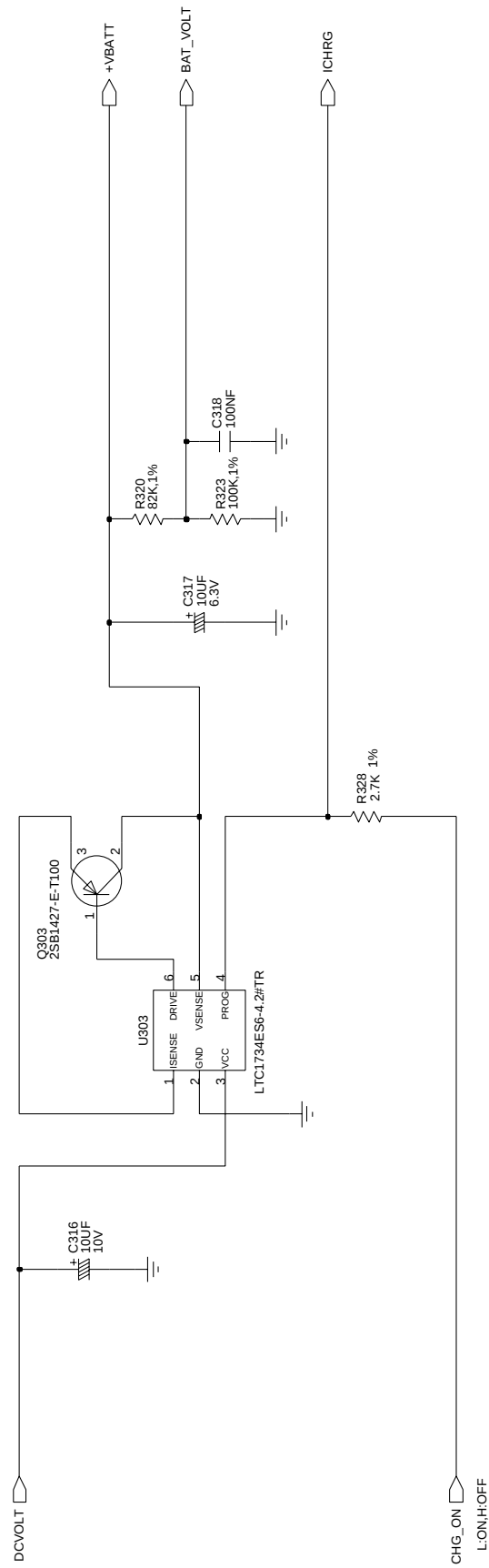
5-2 Initial



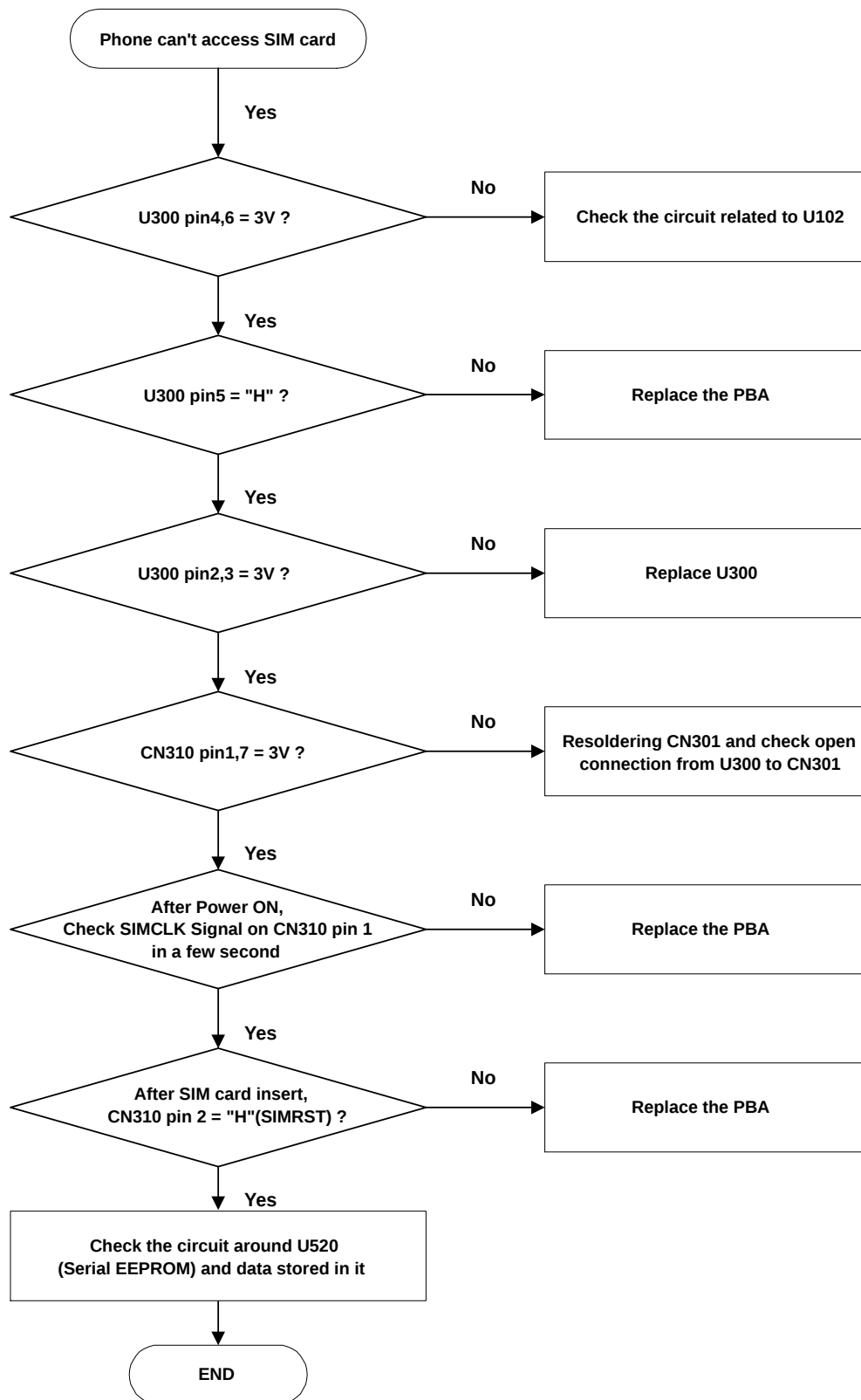


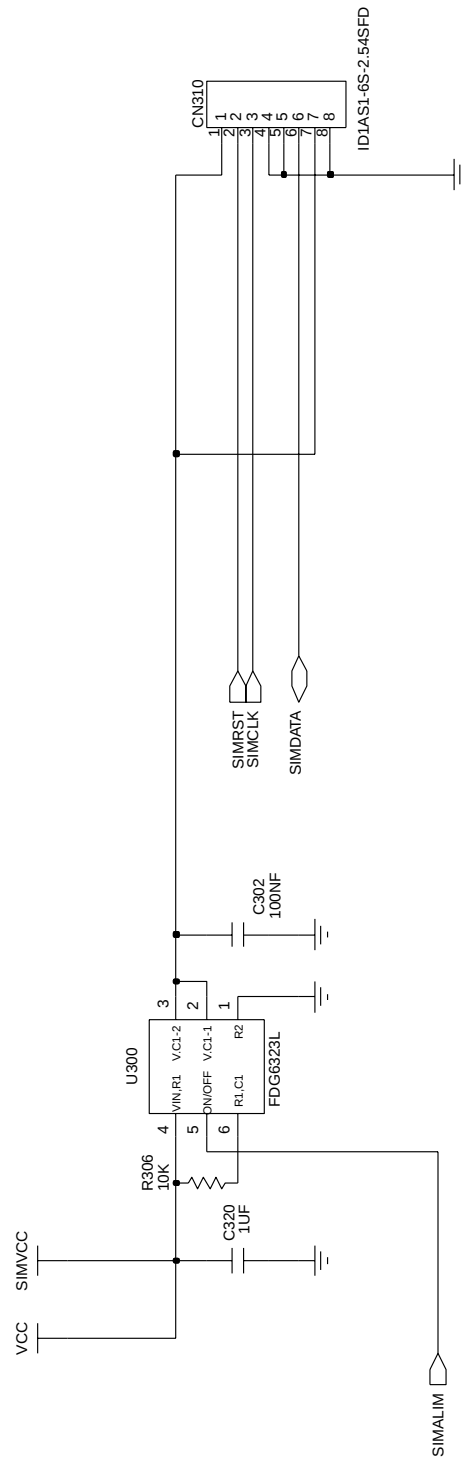
5-3 Charging Part



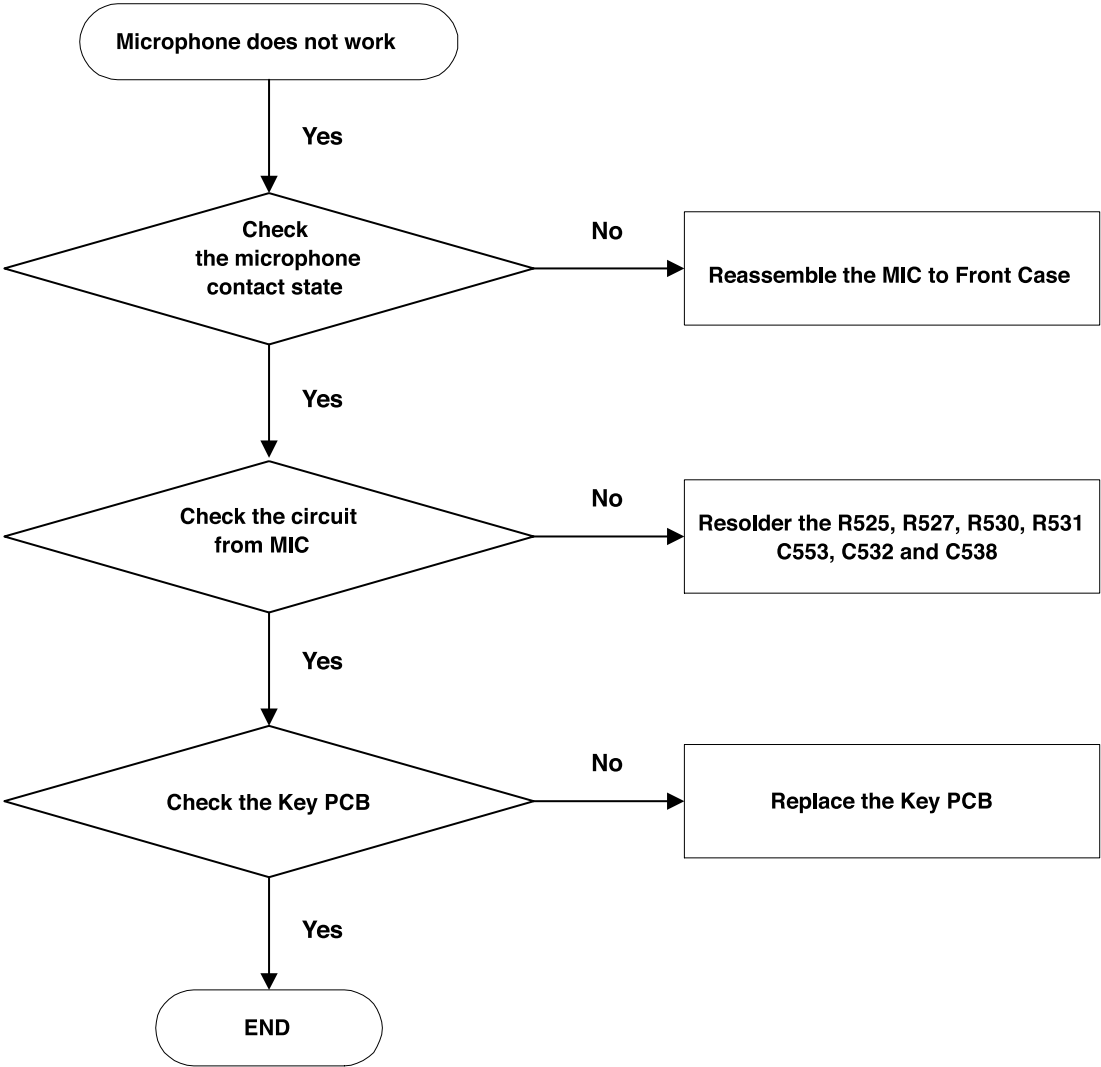


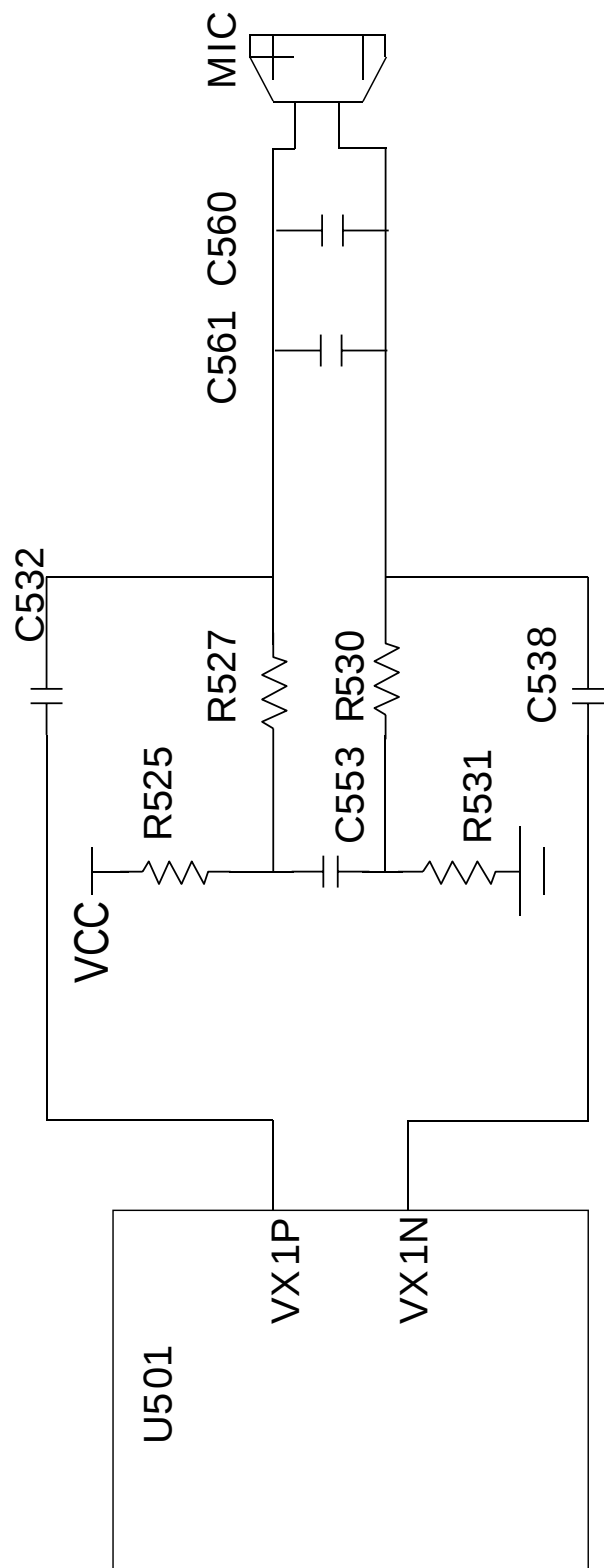
5-4 Sim Part



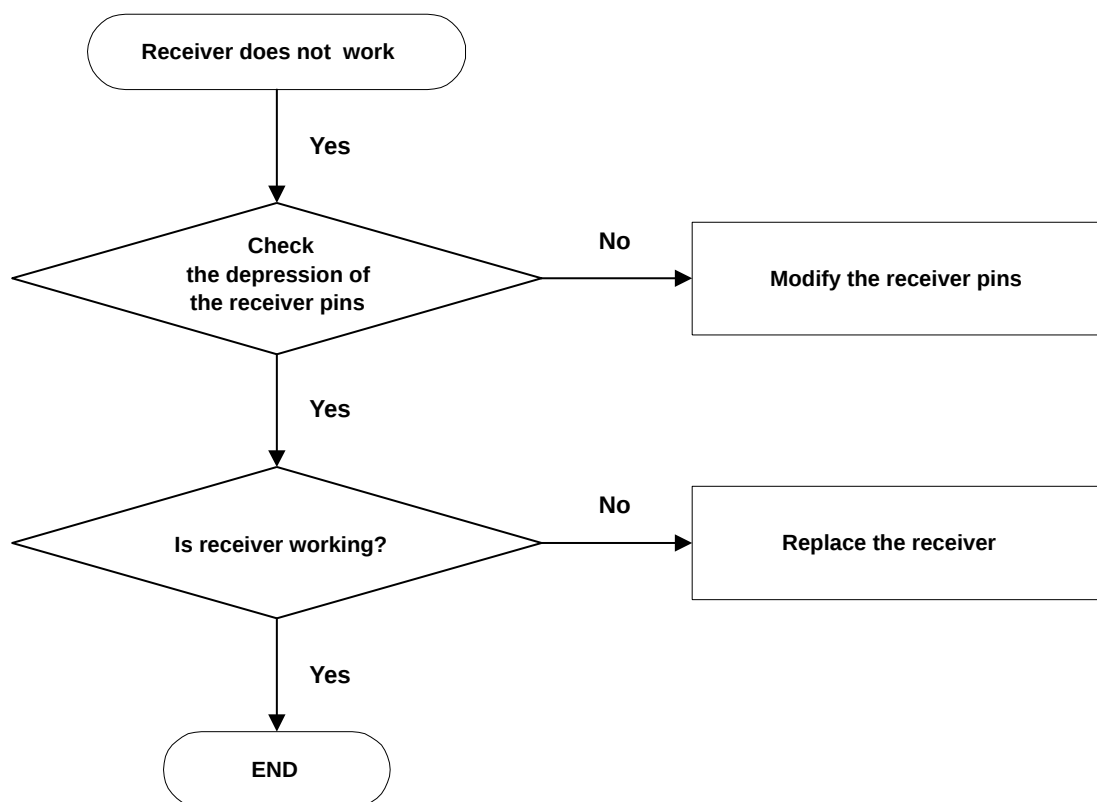


5-5 Microphone Part

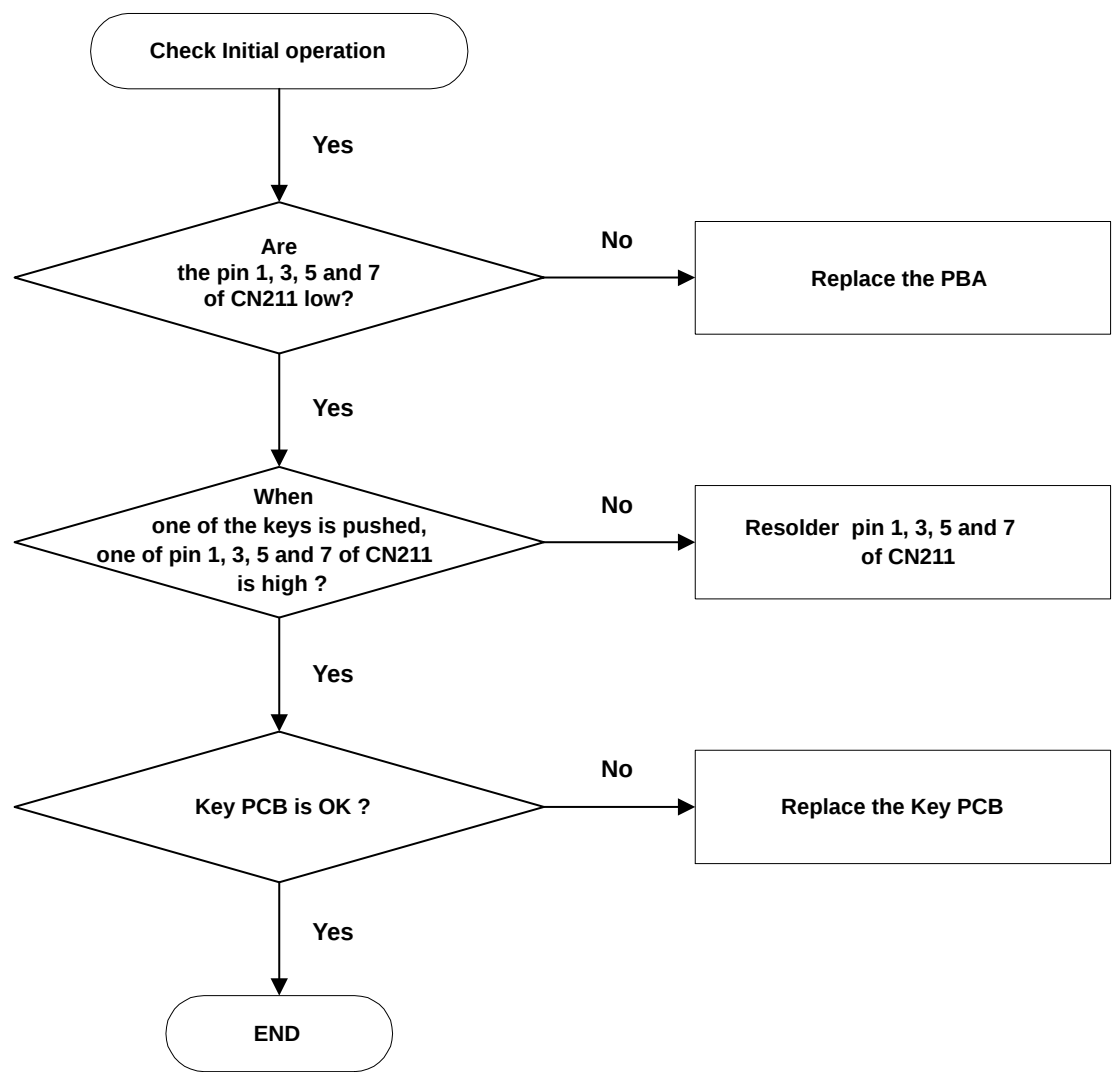


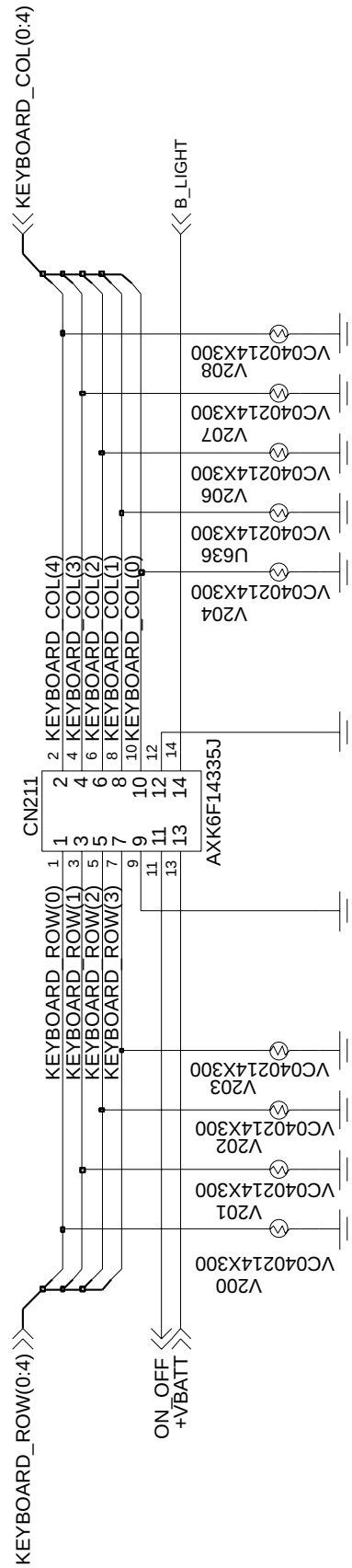


5-6 Speaker Part

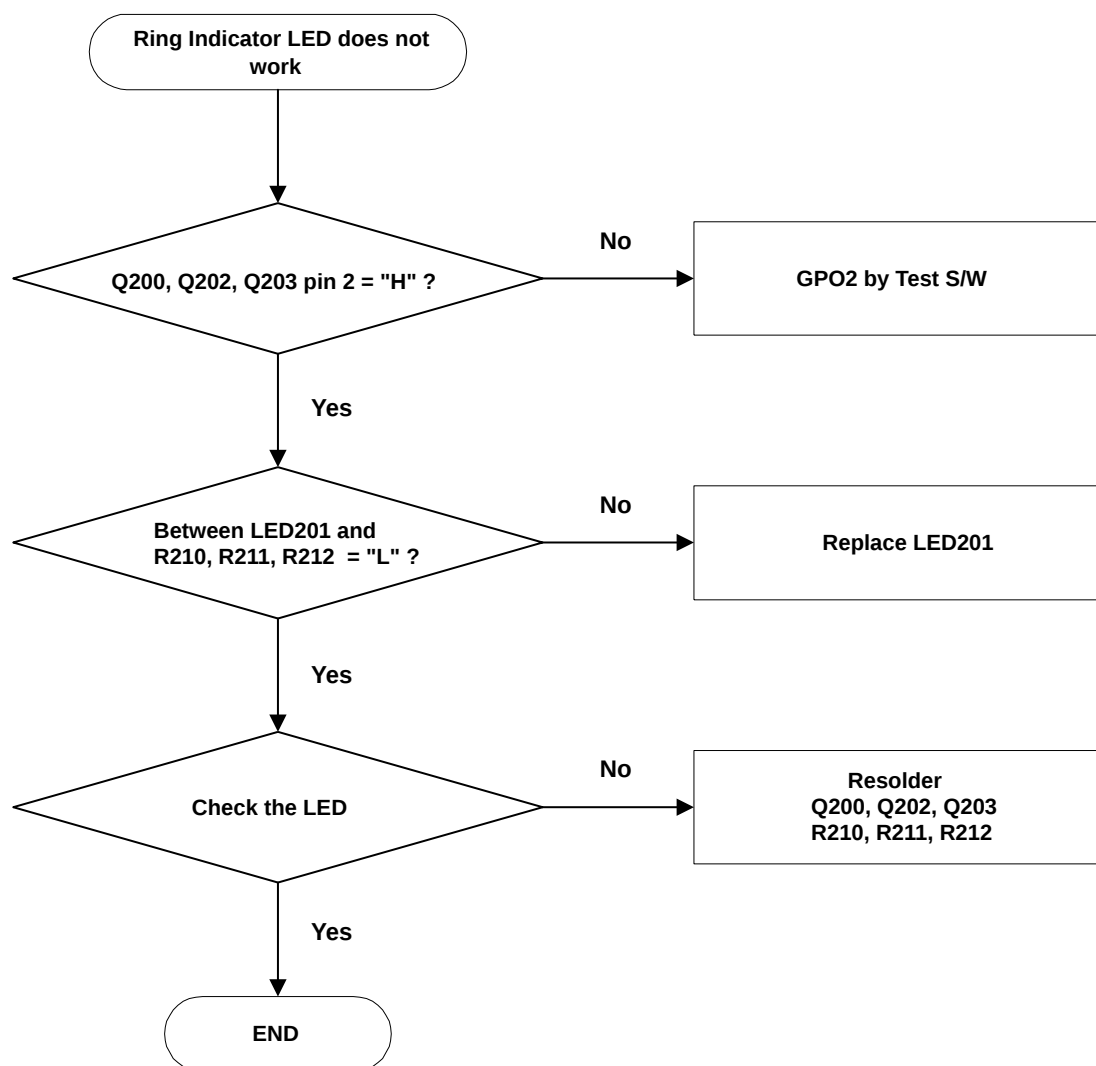


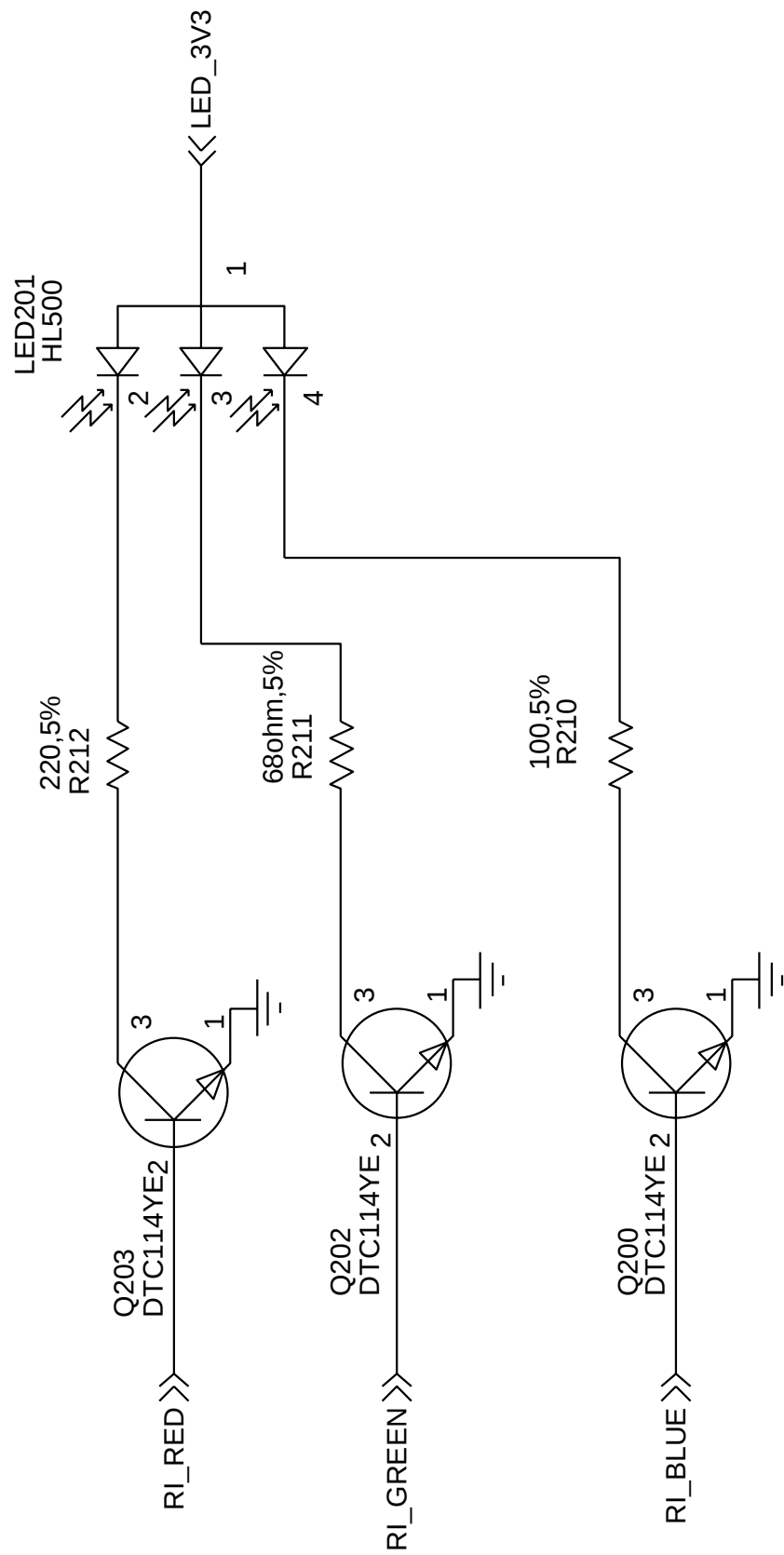
5-7 Key Data Input



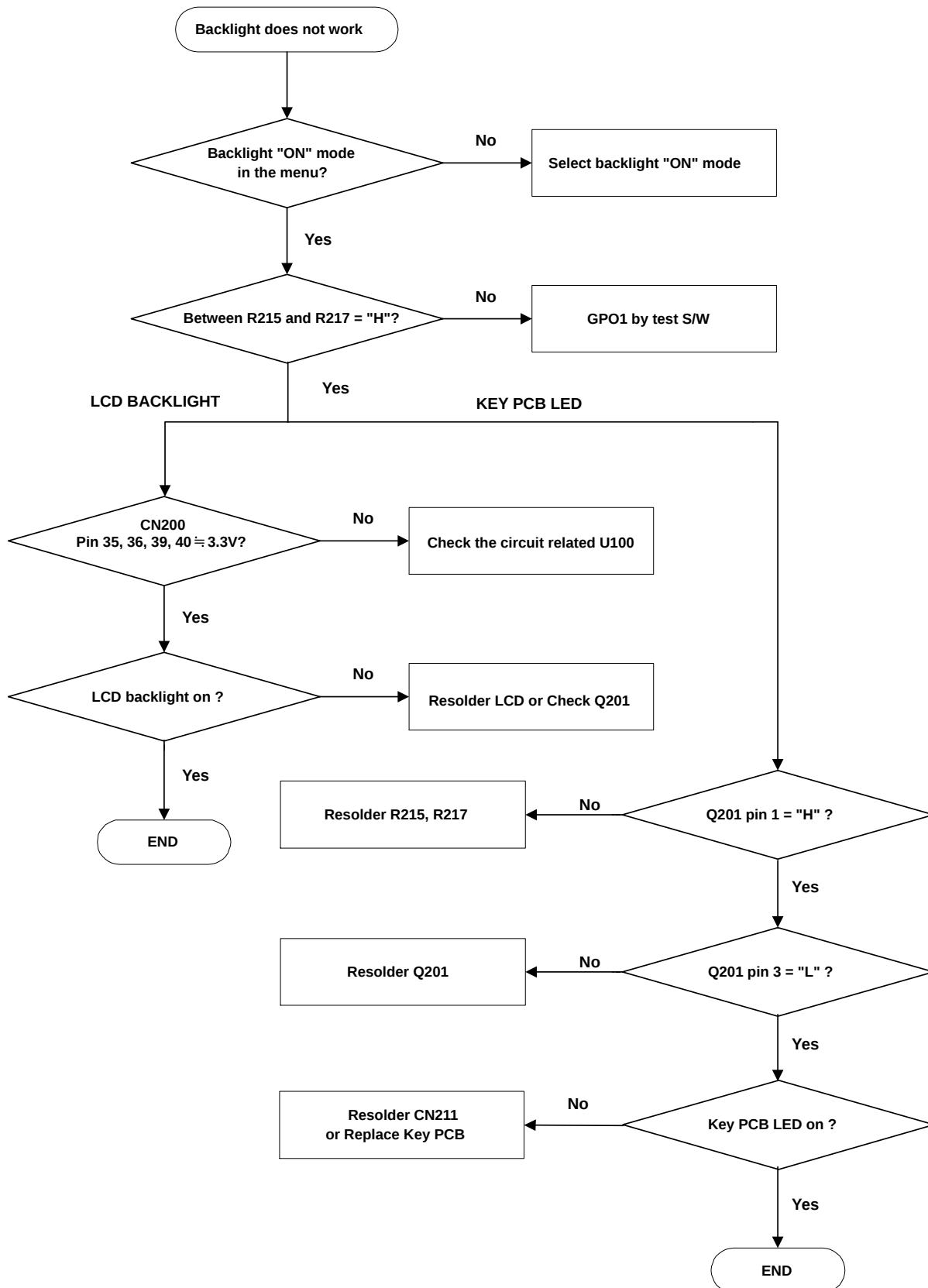


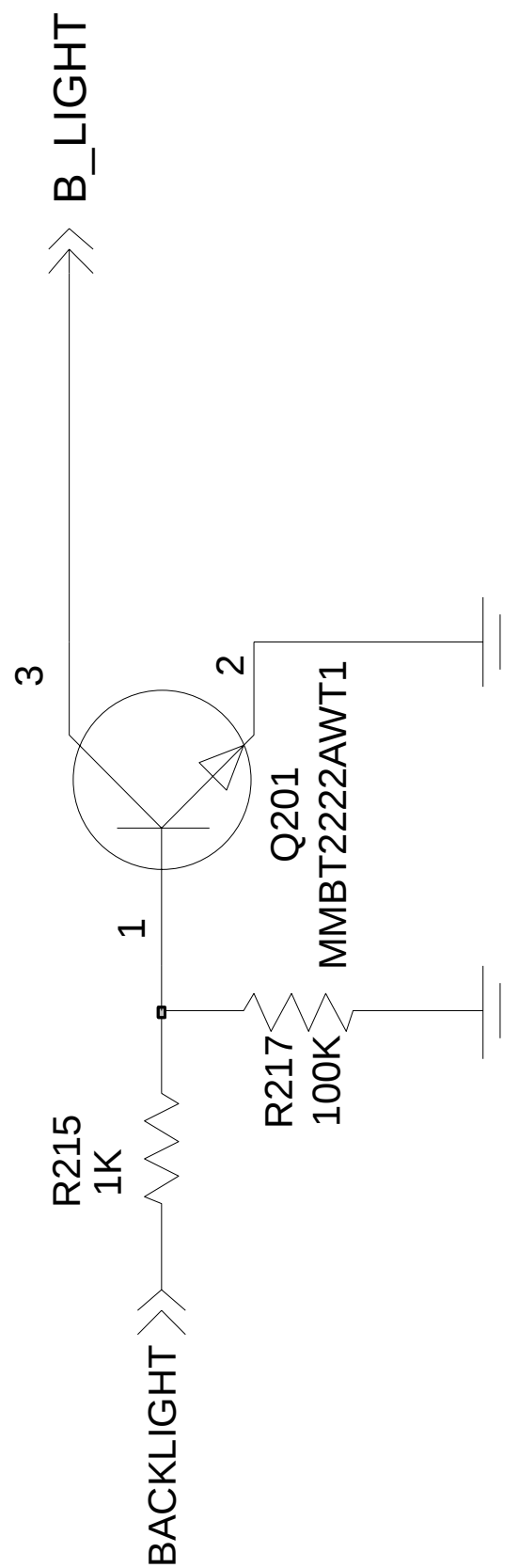
5-8 Ring Indicator



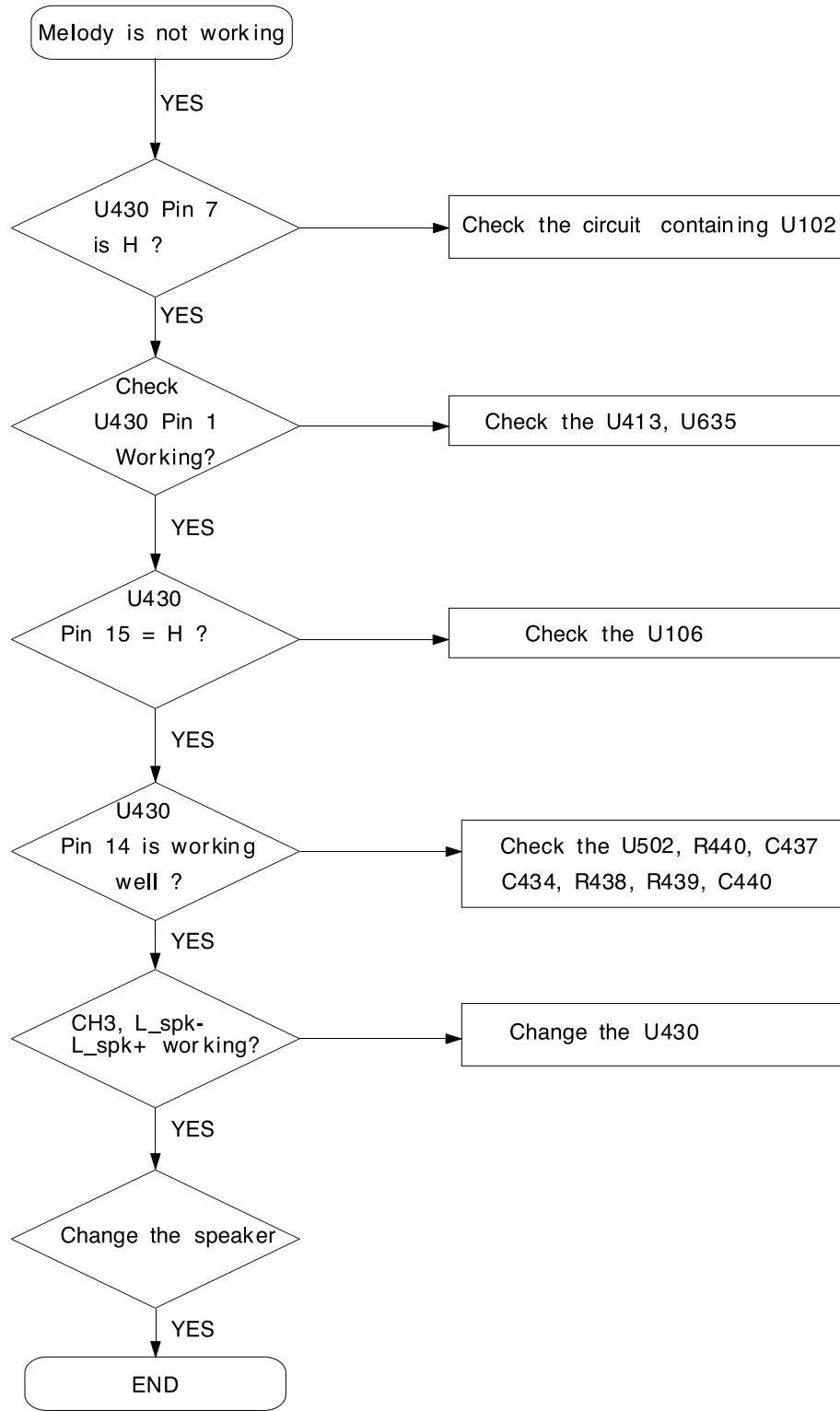


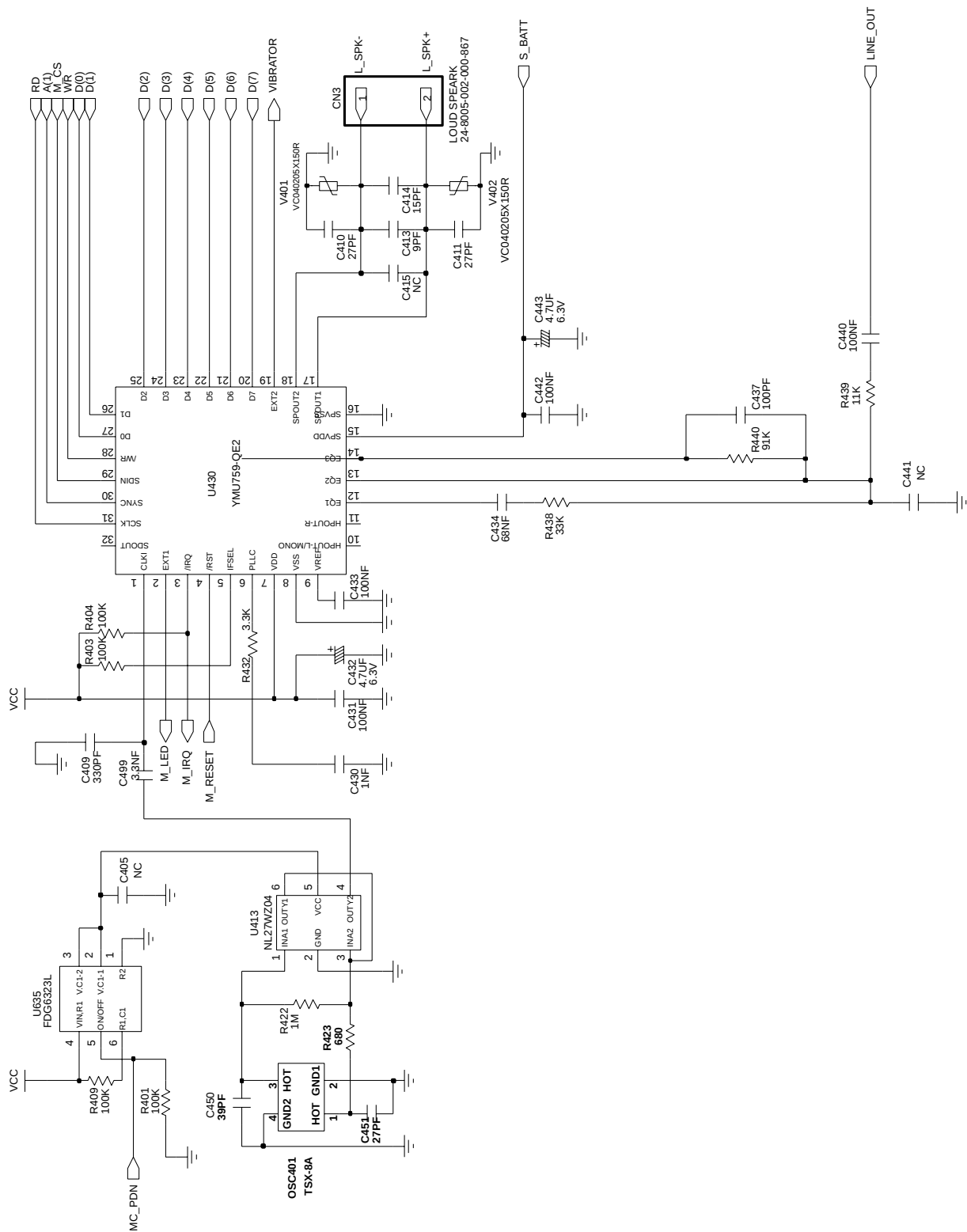
5-9 Back Light



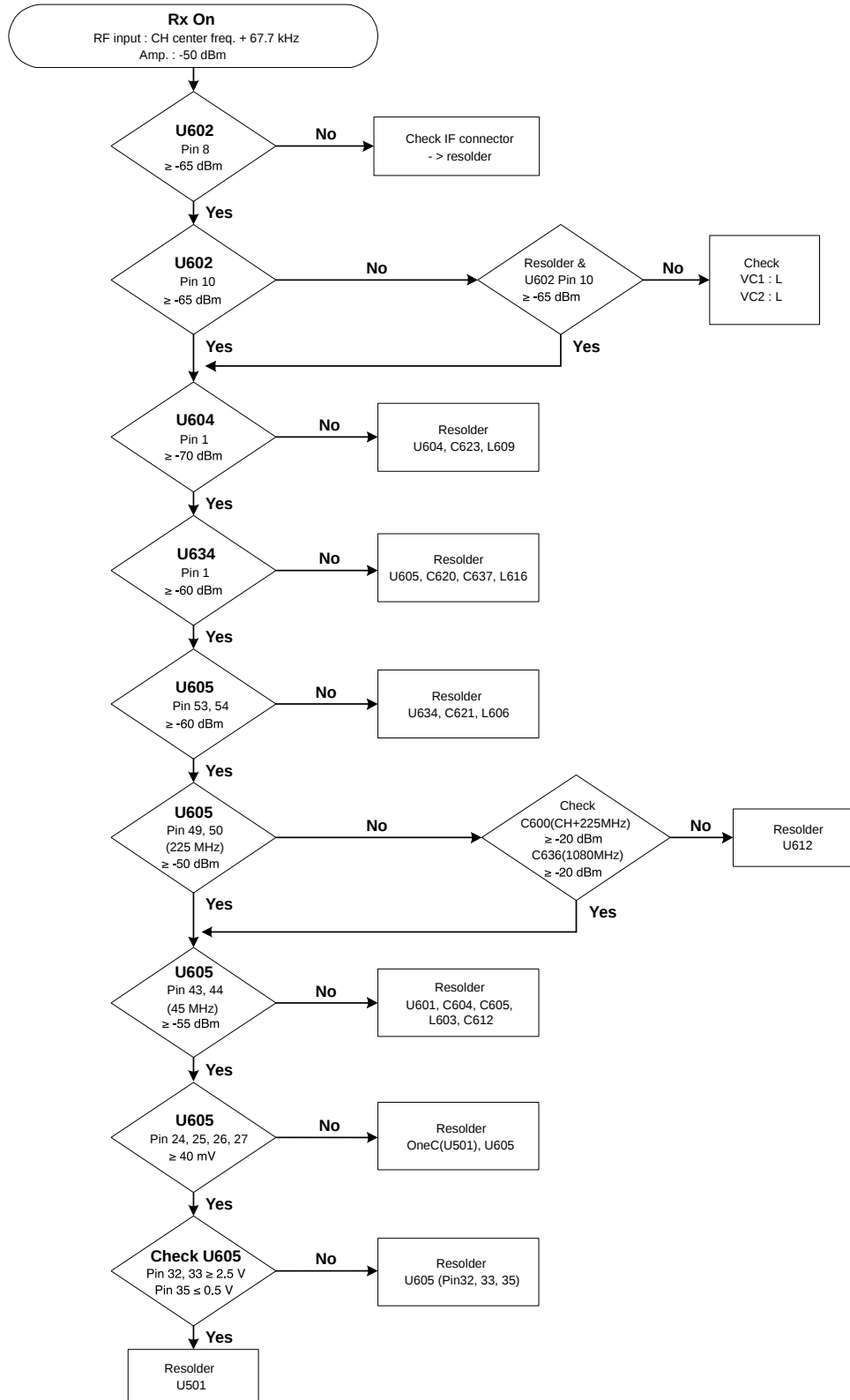


5-10 Melody Part

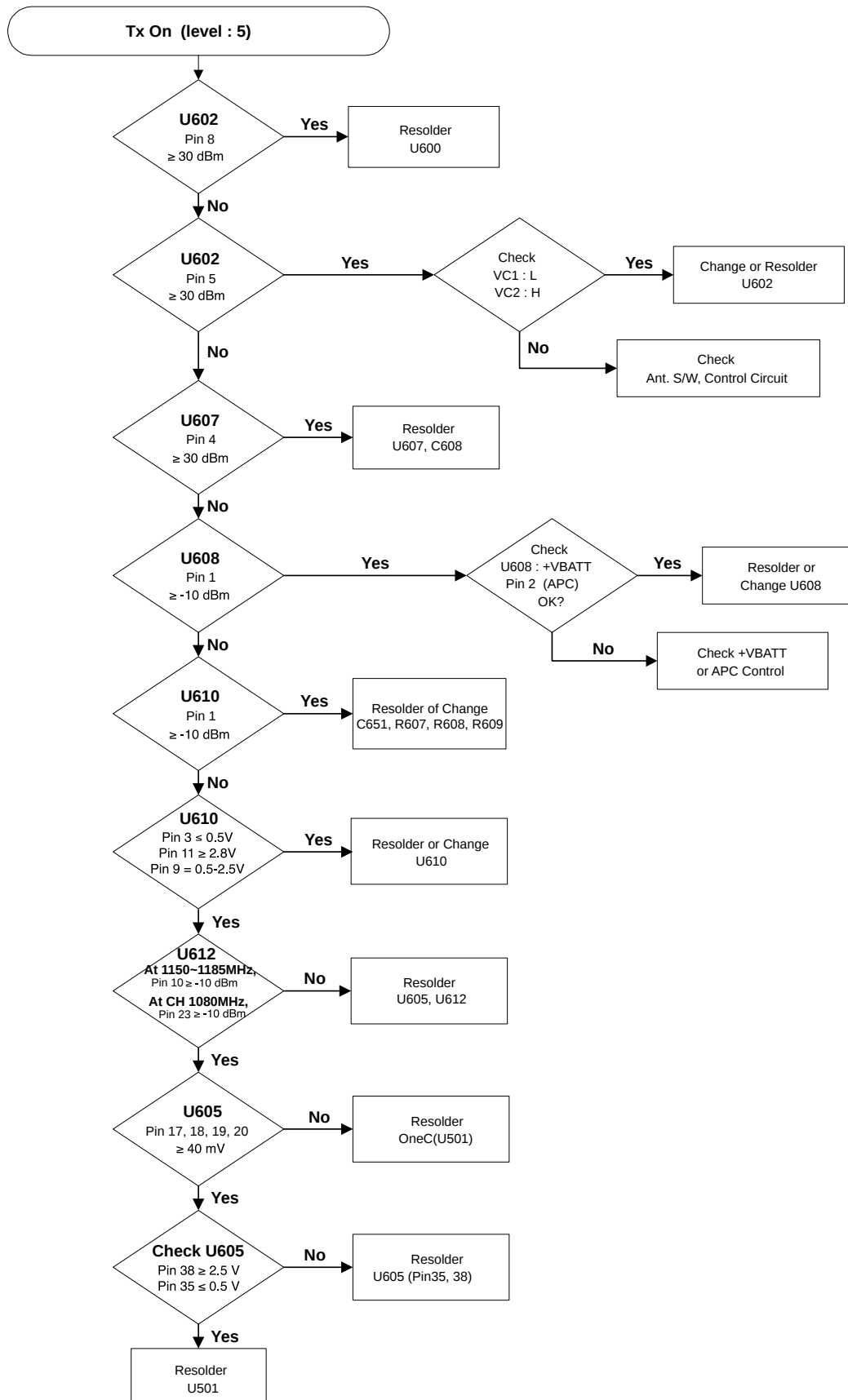




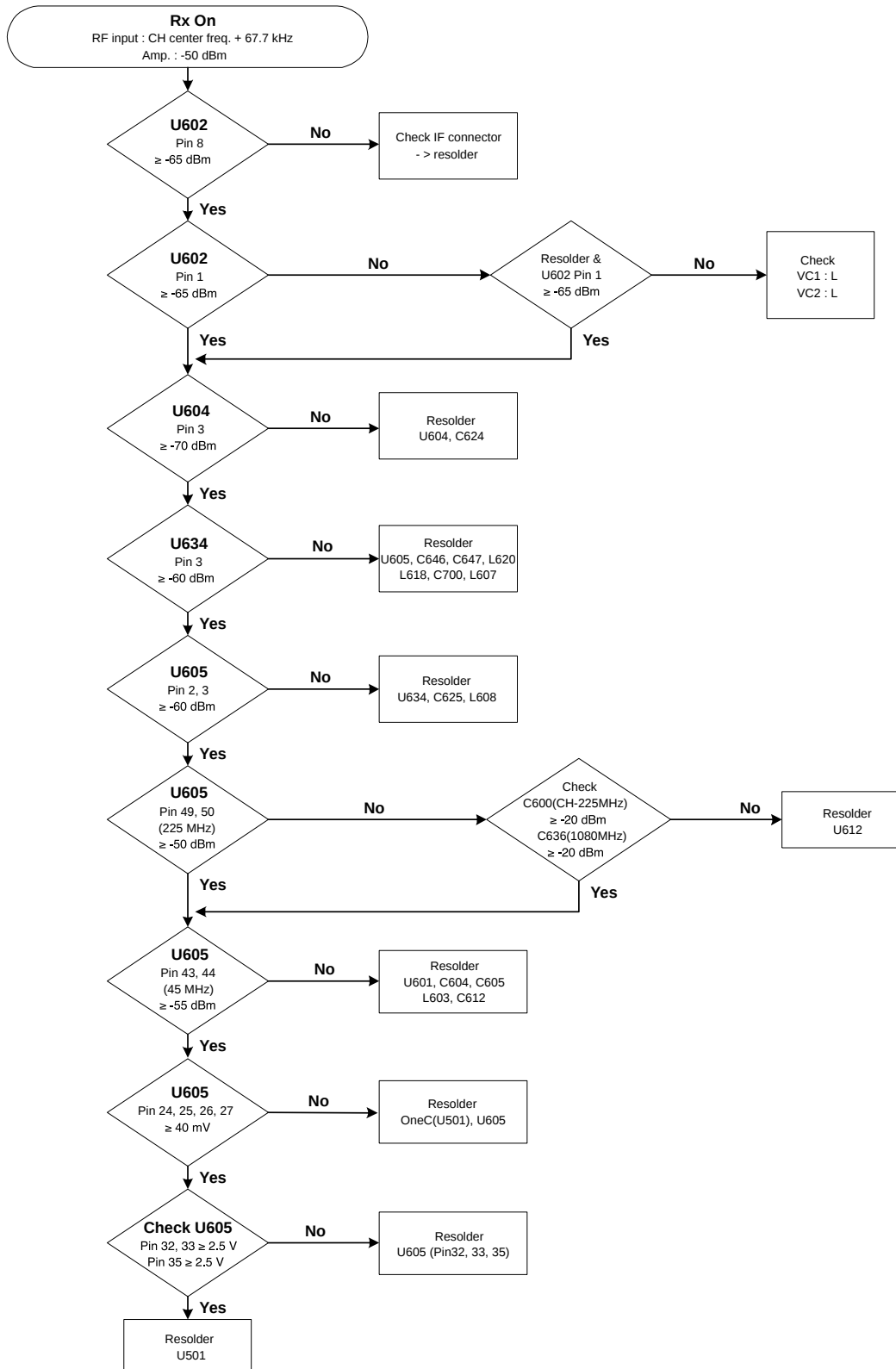
5-11 GSM Receiver



5-12 GSM Transmit



5-13 DCS Receiver



5-14 DCS Transmit

