

4. Electrical Parts List

Design LOC	Discription	SEC Code	STATUS
ANT300	ANTENNA-CHIP	4202-001168	SA
C100	C-TA,CHIP	2404-001413	SA
C101	C-CER,CHIP	2203-000854	SA
C102	C-CER,CHIP	2203-005482	SA
C103	C-CER,CHIP	2203-002968	SA
C105	C-CER,CHIP	2203-000233	SA
C107	C-CER,CHIP	2203-005393	SA
C109	C-CER,CHIP	2203-002677	SA
C110	C-CER,CHIP	2203-000233	SA
C111	C-CER,CHIP	2203-002525	SA
C112	C-CER,CHIP	2203-000233	SA
C114	C-CER,CHIP	2203-000696	SA
C115	C-CER,CHIP	2203-000233	SA
C116	C-CER,CHIP	2203-000233	SA
C117	C-CER,CHIP	2203-000233	SA
C118	C-CER,CHIP	2203-000233	SA
C119	C-CER,CHIP	2203-000233	SA
C123	C-CER,CHIP	2203-006562	SA
C124	C-CER,CHIP	2203-000812	SA
C125	C-CER,CHIP	2203-000995	SA
C126	C-CER,CHIP	2203-001153	SA
C128	C-CER,CHIP	2203-006048	SA
C129	C-CER,CHIP	2203-000995	SA
C130	C-CER,CHIP	2203-000854	SA
C200	C-CER,CHIP	2203-000311	SA
C202	C-CER,CHIP	2203-000679	SA
C203	C-CER,CHIP	2203-000679	SA
C204	C-CER,CHIP	2203-000679	SA
C206	C-CER,CHIP	2203-000679	SA
C207	C-CER,CHIP	2203-000278	SA
C208	C-CER,CHIP	2203-000679	SA
C209	C-CER,CHIP	2203-000679	SA
C210	C-CER,CHIP	2203-000679	SA
C212	C-CER,CHIP	2203-000679	SA
C213	C-CER,CHIP	2203-000278	SA
C215	C-CER,CHIP	2203-000278	SA
C216	C-CER,CHIP	2203-001153	SA
C221	C-CER,CHIP	2203-000995	SA
C222	C-CER,CHIP	2203-000489	SA
C223	C-CER,CHIP	2203-000489	SA
C224	C-CER,CHIP	2203-000679	SA
C225	C-CER,CHIP	2203-000278	SA
C226	C-CER,CHIP	2203-000278	SA
C227	C-CER,CHIP	2203-000438	SA
C230	C-CER,CHIP	2203-000812	SA
C231	C-CER,CHIP	2203-001124	SA
C232	C-CER,CHIP	2203-001124	SA
C233	C-CER,CHIP	2203-006562	SA
C234	C-CER,CHIP	2203-000278	SA
C235	C-CER,CHIP	2203-005053	SA

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Design LOC	Discription	SEC Code	STATUS
C236	C-CER,CHIP	2203-005053	SA
C237	C-CER,CHIP	2203-005053	SA
C239	C-CER,CHIP	2203-000725	SA
C240	C-CER,CHIP	2203-000654	SA
C241	C-CER,CHIP	2203-000654	SA
C242	C-CER,CHIP	2203-000679	SA
C300	C-CER,CHIP	2203-000254	SA
C301	C-CER,CHIP	2203-000254	SA
C303	C-CER,CHIP	2203-006208	SA
C304	C-CER,CHIP	2203-000812	SA
C305	C-CER,CHIP	2203-006208	SA
C306	C-CER,CHIP	2203-000254	SA
C307	C-CER,CHIP	2203-005482	SA
C308	C-CER,CHIP	2203-005482	SA
C309	R-CHIP	2007-000171	SA
C312	C-CER,CHIP	2203-000330	SA
C314	C-TA,CHIP	2404-001394	SA
C315	C-CER,CHIP	2203-000233	SA
C316	C-CER,CHIP	2203-005482	SA
C317	C-CER,CHIP	2203-006208	SA
C318	C-CER,CHIP	2203-000233	SA
C319	C-CER,CHIP	2203-005482	SA
C320	C-CER,CHIP	2203-005053	SA
C321	C-CER,CHIP	2203-005281	SA
C322	C-CER,CHIP	2203-005053	SA
C323	C-CER,CHIP	2203-005281	SA
C325	C-CER,CHIP	2203-002677	SA
C326	C-CER,CHIP	2203-000438	SA
C328	C-CER,CHIP	2203-000254	SA
C329	C-CER,CHIP	2203-005482	SA
C330	C-CER,CHIP	2203-000438	SA
C331	C-CER,CHIP	2203-000438	SA
C332	C-CER,CHIP	2203-000278	SA
C333	C-CER,CHIP	2203-005482	SA
C334	C-CER,CHIP	2203-002443	SA
C335	C-CER,CHIP	2203-000812	SA
C336	C-CER,CHIP	2203-000940	SA
C337	C-CER,CHIP	2203-000812	SA
C338	C-CER,CHIP	2203-005482	SA
C339	C-CER,CHIP	2203-000278	SA
C340	C-CER,CHIP	2203-000233	SA
C341	C-CER,CHIP	2203-006324	SA
C342	C-CER,CHIP	2203-005482	SA
C343	C-CER,CHIP	2203-005482	SA
C344	C-CER,CHIP	2203-000995	SA
C345	C-CER,CHIP	2203-006208	SA
C346	C-CER,CHIP	2203-006190	SA
C347	C-CER,CHIP	2203-000278	SA
C348	C-CER,CHIP	2203-005482	SA
C349	C-CER,CHIP	2203-000995	SA

Design LOC	Discription	SEC Code	STATUS
C350	C-CER,CHIP	2203-000995	SA
C351	C-CER,CHIP	2203-000278	SA
C352	C-CER,CHIP	2203-005281	SA
C353	C-CER,CHIP	2203-000138	SA
C354	C-CER,CHIP	2203-000233	SA
C355	C-CER,CHIP	2203-000995	SA
C356	C-CER,CHIP	2203-002443	SA
C400	C-CER,CHIP	2203-006562	SA
C401	C-CER,CHIP	2203-006562	SA
C402	C-CER,CHIP	2203-000359	SA
C403	C-CER,CHIP	2203-006208	SA
C404	C-CER,CHIP	2203-006562	SA
C405	C-CER,CHIP	2203-006562	SA
C406	C-CER,CHIP	2203-006562	SA
C407	C-CER,CHIP	2203-006324	SA
C408	C-CER,CHIP	2203-006562	SA
C409	C-CER,CHIP	2203-006562	SA
C410	C-CER,CHIP	2203-006562	SA
C411	C-CER,CHIP	2203-006562	SA
C412	C-CER,CHIP	2203-006562	SA
C413	C-CER,CHIP	2203-006257	SA
C414	C-CER,CHIP	2203-000425	SA
C418	C-CER,CHIP	2203-000812	SA
C419	C-TA,CHIP	2404-001268	SA
C420	C-CER,CHIP	2203-006208	SA
C421	C-CER,CHIP	2203-006562	SA
C422	C-CER,CHIP	2203-006562	SA
C423	C-CER,CHIP	2203-006562	SA
C424	C-CER,CHIP	2203-006562	SA
C425	C-CER,CHIP	2203-006208	SA
C426	C-CER,CHIP	2203-006257	SA
C427	C-CER,CHIP	2203-006257	SA
C428	C-CER,CHIP	2203-000585	SA
C429	C-CER,CHIP	2203-006208	SA
C430	C-CER,CHIP	2203-000812	SA
C431	C-CER,CHIP	2203-005482	SA
C432	C-CER,CHIP	2203-006257	SA
C433	C-CER,CHIP	2203-006208	SA
C434	C-CER,CHIP	2203-005482	SA
C435	C-CER,CHIP	2203-006257	SA
C436	C-CER,CHIP	2203-006257	SA
C437	C-CER,CHIP	2203-005482	SA
C438	C-CER,CHIP	2203-005482	SA
C439	C-TA,CHIP	2404-001406	SA
C440	C-CER,CHIP	2203-006562	SA
C441	C-CER,CHIP	2203-006562	SA
C442	C-CER,CHIP	2203-006562	SA
C443	C-CER,CHIP	2203-006562	SA
C444	C-TA,CHIP	2404-001268	SA
C445	C-CER,CHIP	2203-000812	SA

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Design LOC	Discription	SEC Code	STATUS
C500	C-CER,CHIP	2203-000812	SA
C501	C-CER,CHIP	2203-000254	SA
C502	C-CER,CHIP	2203-002709	SNA
C503	C-CER,CHIP	2203-002709	SNA
C504	C-CER,CHIP	2203-002709	SNA
C508	C-CER,CHIP	2203-002709	SNA
C509	C-CER,CHIP	2203-000254	SA
C510	C-CER,CHIP	2203-000812	SA
C511	C-CER,CHIP	2203-002709	SNA
C512	C-CER,CHIP	2203-006562	SA
C513	C-CER,CHIP	2203-006562	SA
C514	C-CER,CHIP	2203-005138	SA
C515	C-CER,CHIP	2203-005138	SA
C516	C-CER,CHIP	2203-002709	SNA
C517	C-CER,CHIP	2203-006047	SA
C518	C-CER,CHIP	2203-000254	SA
C519	C-CER,CHIP	2203-006047	SA
C520	C-CER,CHIP	2203-000438	SA
C521	C-CER,CHIP	2203-000438	SA
C600	C-CER,CHIP	2203-002709	SNA
C601	C-CER,CHIP	2203-000254	SA
C602	C-CER,CHIP	2203-000254	SA
C604	C-CER,CHIP	2203-002709	SNA
C605	C-CER,CHIP	2203-002709	SNA
C606	C-CER,CHIP	2203-002709	SNA
C607	C-CER,CHIP	2203-002709	SNA
C608	C-CER,CHIP	2203-002709	SNA
C612	C-CER,CHIP	2203-000254	SA
C613	C-CER,CHIP	2203-000254	SA
C614	C-CER,CHIP	2203-000254	SA
C615	C-CER,CHIP	2203-002709	SNA
C616	C-CER,CHIP	2203-002709	SNA
C617	C-CER,CHIP	2203-002709	SNA
C618	C-CER,CHIP	2203-000254	SA
C619	C-CER,CHIP	2203-000254	SA
C620	C-CER,CHIP	2203-000254	SA
C621	C-CER,CHIP	2203-002709	SNA
C622	C-CER,CHIP	2203-002709	SNA
C623	C-CER,CHIP	2203-002709	SNA
C624	C-CER,CHIP	2203-002709	SNA
C625	C-CER,CHIP	2203-002709	SNA
C626	C-CER,CHIP	2203-002709	SNA
C627	C-CER,CHIP	2203-002709	SNA
C628	C-CER,CHIP	2203-002709	SNA
C629	C-CER,CHIP	2203-002709	SNA
C630	C-CER,CHIP	2203-002709	SNA
C631	C-CER,CHIP	2203-000254	SA
C632	C-CER,CHIP	2203-002709	SNA
C633	C-CER,CHIP	2203-002709	SNA
C634	C-CER,CHIP	2203-000254	SA

Design LOC	Discription	SEC Code	STATUS
C635	C-CER,CHIP	2203-002709	SNA
C636	C-CER,CHIP	2203-006208	SA
C637	C-CER,CHIP	2203-006324	SA
C638	C-CER,CHIP	2203-000359	SA
C640	C-CER,CHIP	2203-000812	SA
C700	C-CER,CHIP	2203-005482	SA
C701	C-CER,CHIP	2203-000489	SA
C702	C-CER,CHIP	2203-005482	SA
C703	C-CER,CHIP	2203-005061	SA
C705	C-TA,CHIP	2404-001305	SA
C706	C-CER,CHIP	2203-000278	SA
C707	C-CER,CHIP	2203-005061	SA
C712	C-CER,CHIP	2203-000995	SA
C713	C-CER,CHIP	2203-005061	SA
C714	C-CER,CHIP	2203-006562	SA
C715	C-CER,CHIP	2203-000995	SA
C716	C-CER,CHIP	2203-000425	SA
C718	C-CER,CHIP	2203-006562	SA
C719	C-CER,CHIP	2203-005061	SA
C723	C-CER,CHIP	2203-005061	SA
C725	C-CER,CHIP	2203-000278	SA
C729	C-CER,CHIP	2203-006562	SA
C730	C-CER,CHIP	2203-000679	SA
C731	C-TA,CHIP	2404-001305	SA
C733	C-CER,CHIP	2203-000425	SA
C734	C-CER,CHIP	2203-005482	SA
C735	C-CER,CHIP	2203-000254	SA
C736	C-CER,CHIP	2203-000995	SA
C737	C-CER,CHIP	2203-001017	SA
C738	C-CER,CHIP	2203-001259	SA
C739	C-CER,CHIP	2203-006562	SA
C740	C-CER,CHIP	2203-005061	SA
C741	C-CER,CHIP	2203-005482	SA
C742	C-CER,CHIP	2203-000438	SA
C743	C-CER,CHIP	2203-002443	SA
C744	C-CER,CHIP	2203-000425	SA
C746	C-CER,CHIP	2203-006562	SA
C747	C-CER,CHIP	2203-006562	SA
C748	C-CER,CHIP	2203-006825	SA
C749	C-CER,CHIP	2203-006825	SA
C750	C-TA,CHIP	2404-001312	SA
C751	C-TA,CHIP	2404-001312	SA
C752	C-CER,CHIP	2203-005344	SA
C757	C-CER,CHIP	2203-006324	SA
C758	C-CER,CHIP	2203-006324	SA
C759	C-CER,CHIP	2203-005481	SA
C760	C-CER,CHIP	2203-005393	SA
C761	C-CER,CHIP	2203-005393	SA
C762	C-CER,CHIP	2203-006324	SA
C800	C-CER,CHIP	2203-001259	SA

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Design LOC	Discription	SEC Code	STATUS
C801	C-CER,CHIP	2203-001259	SA
C802	C-CER,CHIP	2203-006562	SA
C803	C-CER,CHIP	2203-001259	SA
C804	C-CER,CHIP	2203-001259	SA
C805	C-CER,CHIP	2203-001259	SA
C806	C-CER,CHIP	2203-001259	SA
C807	C-CER,CHIP	2203-001259	SA
C808	C-CER,CHIP	2203-001259	SA
C809	C-CER,CHIP	2203-001259	SA
C810	C-CER,CHIP	2203-001259	SA
C811	C-CER,CHIP	2203-001259	SA
C812	C-CER,CHIP	2203-001259	SA
C813	C-CER,CHIP	2203-001259	SA
C815	C-CER,CHIP	2203-006562	SA
C816	C-CER,CHIP	2203-005482	SA
C817	C-TA,CHIP	2404-001406	SA
C818	C-CER,CHIP	2203-000854	SA
C819	C-CER,CHIP	2203-005482	SA
C820	C-CER,CHIP	2203-005482	SA
C821	C-CER,CHIP	2203-000854	SA
C822	C-CER,CHIP	2203-000854	SA
C823	C-CER,CHIP	2203-000854	SA
C824	C-CER,CHIP	2203-000854	SA
C825	C-TA,CHIP	2404-001394	SA
C826	C-CER,CHIP	2203-006562	SA
C827	C-CER,CHIP	2203-005482	SA
C828	C-CER,CHIP	2203-000854	SA
C829	C-CER,CHIP	2203-000854	SA
C831	C-CER,CHIP	2203-000854	SA
C832	C-CER,CHIP	2203-000854	SA
CN100	CONNECTOR-COAXIAL	3705-001358	SA
CN400	CONNECTOR-CARD EDGE	3709-001355	SA
CN700	JACK-PHONE	3722-002082	SA
CN800	CONNECTOR-INTERFACE	3710-002283	SA
CN801	HEADER-BOARD TO BOARD	3711-005954	SA
CN802	HEADER-BATTERY	3711-006026	SA
CN803	HEADER-BOARD TO BOARD	3711-005296	SA
CN804	HEADER-BOARD TO BOARD	3711-006101	SA
D700	DIODE-TVS	0406-001104	SA
D800	DIODE-SCHOTTKY	0404-001172	SA
D801	DIODE-ZENER	0403-001547	SA
D802	DIODE-TVS	0406-001197	SA
D803	DIODE-TVS	0406-001197	SA
D804	DIODE-TVS	0406-001200	SA
D805	DIODE-TVS	0406-001197	SA
D806	DIODE-TVS	0406-001231	SA
D807	DIODE-TVS	0406-001231	SA
D808	DIODE-TVS	0406-001231	SA
D810	DIODE-TVS	0406-001231	SA
F100	FILTER-EMI SMD	2901-001254	SA

Design LOC	Discription	SEC Code	STATUS
F200	IC-FILTER	1204-002559	SA
F201	FILTER-LC	2909-001286	SA
F202	FILTER-SAW	2904-001635	SA
F203	FILTER-SAW	2904-001634	SA
F204	FILTER-SAW	2904-001628	SA
F300	DUPLEXER-SAW	2910-000010	SA
F301	FILTER-SAW	2904-001648	SA
F302	FILTER-SAW	2904-001650	SA
F800	FILTER-EMI/ESD	2901-001322	SA
F801	FILTER-EMI/ESD	2901-001322	SA
F802	FILTER-EMI/ESD	2901-001322	SA
F807	FILTER-EMI SMD	2901-001286	SA
F808	FILTER-EMI SMD	2901-001286	SA
F809	FILTER-EMI SMD	2901-001286	SA
F810	FILTER-EMI SMD	2901-001286	SA
L100	NPR-ANTENNA CONTACT	GH71-05666A	SNA
L101	NPR-ANTENNA CONTACT	GH71-05666A	SNA
L103	INDUCTOR-SMD	2703-002206	SA
L104	INDUCTOR-SMD	2703-002367	SA
L105	INDUCTOR-SMD	2703-002170	SA
L106	INDUCTOR-SMD	2703-002170	SA
L200	INDUCTOR-SMD	2703-002176	SA
L202	INDUCTOR-SMD	2703-002176	SA
L204	INDUCTOR-SMD	2703-002207	SA
L205	C-CER,CHIP	2203-001383	SA
L206	INDUCTOR-SMD	2703-002207	SA
L208	INDUCTOR-SMD	2703-002198	SA
L209	C-CER,CHIP	2203-001383	SA
L210	INDUCTOR-SMD	2703-002198	SA
L211	INDUCTOR-SMD	2703-000300	SA
L300	INDUCTOR-SMD	2703-001733	SA
L301	INDUCTOR-SMD	2703-002268	SA
L302	INDUCTOR-SMD	2703-002268	SA
L303	INDUCTOR-SMD	2703-002710	SA
L304	INDUCTOR-SMD	2703-002208	SA
L305	INDUCTOR-SMD	2703-002207	SA
L306	C-CER,CHIP	2203-000438	SA
L307	INDUCTOR-SMD	2703-002205	SA
L308	INDUCTOR-SMD	2703-002782	SA
L309	INDUCTOR-SMD	2703-002207	SA
L311	INDUCTOR-SMD	2703-002208	SA
L312	INDUCTOR-SMD	2703-002199	SA
L313	INDUCTOR-SMD	2703-002268	SA
L314	INDUCTOR-SMD	2703-002204	SA
L400	BEAD-SMD	3301-001120	SA
L401	INDUCTOR-SMD	2703-002774	SA
L600	BEAD-SMD	3301-001534	SA
L601	BEAD-SMD	3301-001120	SA
L602	INDUCTOR-SMD	2703-002774	SA
L700	INDUCTOR-SMD	2703-002204	SA

Electrical Parts List

Design LOC	Discription	SEC Code	STATUS
L701	INDUCTOR-SMD	2703-002204	SA
L702	BEAD-SMD	3301-001438	SA
L703	BEAD-SMD	3301-001438	SA
L707	BEAD-SMD	3301-001438	SA
L708	BEAD-SMD	3301-001438	SA
L709	INDUCTOR-SMD	2703-002204	SA
L710	INDUCTOR-SMD	2703-002204	SA
L713	BEAD-SMD	3301-001438	SA
L800	BEAD-SMD	3301-001534	SA
L801	BEAD-SMD	3301-001534	SA
L802	BEAD-SMD	3301-001534	SA
L803	BEAD-SMD	3301-001534	SA
L805	BEAD-SMD	3301-001534	SA
L806	BEAD-SMD	3301-001534	SA
L807	BEAD-SMD	3301-001534	SA
M400	BATTERY-LI(2ND)	4302-001130	SA
OSC300	OSCILLATOR-VCTCXO	2809-001293	SA
OSC400	CRYSTAL-SMD	2801-004466	SA
Q300	IC-RF AMP	1201-002323	SA
Q400	TR-DIGITAL	0504-001151	SA
Q600	FET-SILICON	0505-001332	SA
R100	R-CHIP	2007-000171	SA
R101	C-CER,CHIP	2203-000233	SA
R103	INDUCTOR-SMD	2703-002208	SA
R105	R-CHIP	2007-000171	SA
R106	R-CHIP	2007-000140	SA
R107	R-CHIP	2007-000171	SA
R108	R-CHIP	2007-000140	SA
R109	R-CHIP	2007-000171	SA
R111	R-CHIP	2007-000148	SA
R113	R-CHIP	2007-000148	SA
R114	R-CHIP	2007-000148	SA
R116	R-CHIP	2007-000145	SA
R117	R-CHIP	2007-000140	SA
R118	R-CHIP	2007-000148	SA
R200	R-CHIP	2007-000149	SA
R201	R-CHIP	2007-000153	SA
R202	R-CHIP	2007-000149	SA
R203	R-CHIP	2007-000140	SA
R204	R-CHIP	2007-000171	SA
R205	R-CHIP	2007-000171	SA
R206	R-CHIP	2007-000171	SA
R207	R-CHIP	2007-008117	SA
R208	R-CHIP	2007-000140	SA
R209	R-CHIP	2007-000171	SA
R210	R-CHIP	2007-000140	SA
R211	R-CHIP	2007-007309	SA
R212	R-CHIP	2007-000140	SA
R213	R-CHIP	2007-007136	SA
R214	R-CHIP	2007-007316	SA

Design LOC	Discription	SEC Code	STATUS
R215	R-CHIP	2007-000140	SA
R216	R-CHIP	2007-000140	SA
R300	R-CHIP	2007-000162	SA
R301	R-CHIP	2007-001305	SA
R303	R-CHIP	2007-003030	SA
R304	R-CHIP	2007-000148	SA
R305	R-CHIP	2007-000148	SA
R306	R-CHIP	2007-000162	SA
R309	R-CHIP	2007-000146	SA
R310	R-CHIP	2007-000157	SA
R311	R-CHIP	2007-000171	SA
R313	R-CHIP	2007-000171	SA
R314	R-CHIP	2007-000171	SA
R315	R-CHIP	2007-000157	SA
R317	R-CHIP	2007-007309	SA
R318	R-CHIP	2007-000171	SA
R319	R-CHIP	2007-000171	SA
R320	R-CHIP	2007-000171	SA
R321	R-CHIP	2007-000148	SA
R322	R-CHIP	2007-000171	SA
R402	R-CHIP	2007-000171	SA
R403	R-CHIP	2007-000171	SA
R404	BEAD-SMD	3301-001534	SA
R406	R-CHIP	2007-007489	SA
R408	R-CHIP	2007-007139	SA
R409	R-CHIP	2007-000162	SA
R410	R-CHIP	2007-000162	SA
R412	R-CHIP	2007-007100	SA
R413	R-CHIP	2007-000171	SA
R415	R-CHIP	2007-000171	SA
R416	R-CHIP	2007-000171	SA
R417	R-CHIP	2007-000171	SA
R420	R-CHIP	2007-000171	SA
R421	R-CHIP	2007-000171	SA
R422	BEAD-SMD	3301-001534	SA
R423	R-CHIP	2007-000162	SA
R424	R-CHIP	2007-000171	SA
R425	R-CHIP	2007-000171	SA
R426	R-CHIP	2007-000171	SA
R427	R-CHIP	2007-000171	SA
R428	R-CHIP	2007-000171	SA
R431	R-CHIP	2007-008401	SA
R432	R-CHIP	2007-000137	SA
R433	R-CHIP	2007-008354	SA
R435	R-CHIP	2007-008275	SA
R436	R-CHIP	2007-007489	SA
R437	R-CHIP	2007-000162	SA
R500	R-CHIP	2007-000162	SA
R501	R-CHIP	2007-000162	SA
R502	R-CHIP	2007-000162	SA

Electrical Parts List

Design LOC	Discription	SEC Code	STATUS
R503	R-CHIP	2007-000162	SA
R504	R-CHIP	2007-000170	SA
R505	R-CHIP	2007-000162	SA
R507	R-CHIP	2007-000162	SA
R509	R-CHIP	2007-000162	SA
R510	R-CHIP	2007-000162	SA
R511	R-CHIP	2007-000162	SA
R521	R-CHIP	2007-000144	SA
R523	R-CHIP	2007-000144	SA
R527	R-CHIP	2007-000162	SA
R533	R-CHIP	2007-007107	SA
R534	R-CHIP	2007-000171	SA
R535	R-CHIP	2007-000171	SA
R536	R-CHIP	2007-000162	SA
R537	R-CHIP	2007-000170	SA
R600	R-CHIP	2007-000141	SA
R601	R-CHIP	2007-000141	SA
R608	R-CHIP	2007-000162	SA
R609	R-CHIP	2007-000162	SA
R614	R-CHIP	2007-000162	SA
R615	R-CHIP	2007-000162	SA
R618	R-CHIP	2007-000162	SA
R619	R-CHIP	2007-000162	SA
R620	R-CHIP	2007-000162	SA
R621	R-CHIP	2007-000162	SA
R622	R-CHIP	2007-000758	SA
R624	R-CHIP	2007-000171	SA
R625	R-CHIP	2007-000171	SA
R629	R-CHIP	2007-000171	SA
R630	R-CHIP	2007-000171	SA
R631	R-CHIP	2007-000162	SA
R632	R-CHIP	2007-000171	SA
R633	R-CHIP	2007-000162	SA
R634	R-CHIP	2007-000162	SA
R635	R-CHIP	2007-000162	SA
R636	R-CHIP	2007-000162	SA
R640	BEAD-SMD	3301-001534	SA
R641	R-CHIP	2007-007981	SA
R643	R-CHIP	2007-007107	SA
R644	R-CHIP	2007-000171	SA
R645	R-CHIP	2007-007096	SA
R700	R-CHIP	2007-000147	SA
R701	R-CHIP	2007-000171	SA
R702	R-CHIP	2007-000140	SA
R703	R-CHIP	2007-001319	SA
R704	R-CHIP	2007-000148	SA
R708	R-CHIP	2007-001319	SA
R710	R-CHIP	2007-000140	SA
R711	R-CHIP	2007-001319	SA
R712	R-CHIP	2007-000171	SA

Design LOC	Discription	SEC Code	STATUS
R713	R-CHIP	2007-000171	SA
R714	R-CHIP	2007-001325	SA
R715	R-CHIP	2007-000148	SA
R716	R-CHIP	2007-007015	SA
R717	R-CHIP	2007-000160	SA
R718	R-CHIP	2007-001319	SA
R720	R-CHIP	2007-003025	SA
R721	R-CHIP	2007-000171	SA
R722	R-CHIP	2007-001339	SA
R723	R-CHIP	2007-000162	SA
R724	R-CHIP	2007-003025	SA
R727	R-CHIP	2007-000171	SA
R730	R-CHIP	2007-000171	SA
R731	R-CHIP	2007-000165	SA
R732	R-CHIP	2007-000171	SA
R739	R-CHIP	2007-002970	SA
R740	R-CHIP	2007-002970	SA
R741	R-CHIP	2007-000147	SA
R742	R-CHIP	2007-000140	SA
R743	R-CHIP	2007-002970	SA
R744	R-CHIP	2007-000148	SA
R745	R-CHIP	2007-000148	SA
R800	R-CHIP	2007-000162	SA
R801	R-CHIP	2007-000162	SA
R802	R-CHIP	2007-000162	SA
R803	R-CHIP	2007-000162	SA
R805	R-CHIP	2007-003006	SA
R806	R-CHIP	2007-003006	SA
R807	R-CHIP	2007-000156	SA
R848	R-CHIP	2007-000162	SA
R850	R-CHIP	2007-000141	SA
R854	R-CHIP	2007-000171	SA
R855	R-CHIP	2007-001335	SA
R856	R-CHIP	2007-000140	SA
R857	R-CHIP	2007-000171	SA
TH500	THERMISTOR-NTC	1404-001221	SA
U100	IC-POWER AMP	1201-002280	SA
U101	IC-SWITCH	1205-002724	SA
U102	IC-CMOS LOGIC	0801-003058	SA
U103	IC-ANALOG SWITCH	1001-001261	SA
U200	IC-POWER AMP	1201-002322	SA
U201	IC-TRANSCEIVER	1205-002856	SA
U203	BALUN	4709-001314	SA
U300	IC-CMOS LOGIC	0801-003058	SA
U301	IC-ANALOG SWITCH	1001-001231	SA
U302	IC-POWER AMP	1201-002418	SA
U303	IC-TRANSCEIVER	1205-002855	SA
U304	IC-DC/DC CONVERTER	1203-003366	SA
U400	IC-POSI.FIXED REG.	1203-003737	SA
U401	IC-DC/DC CONVERTER	1203-003736	SA

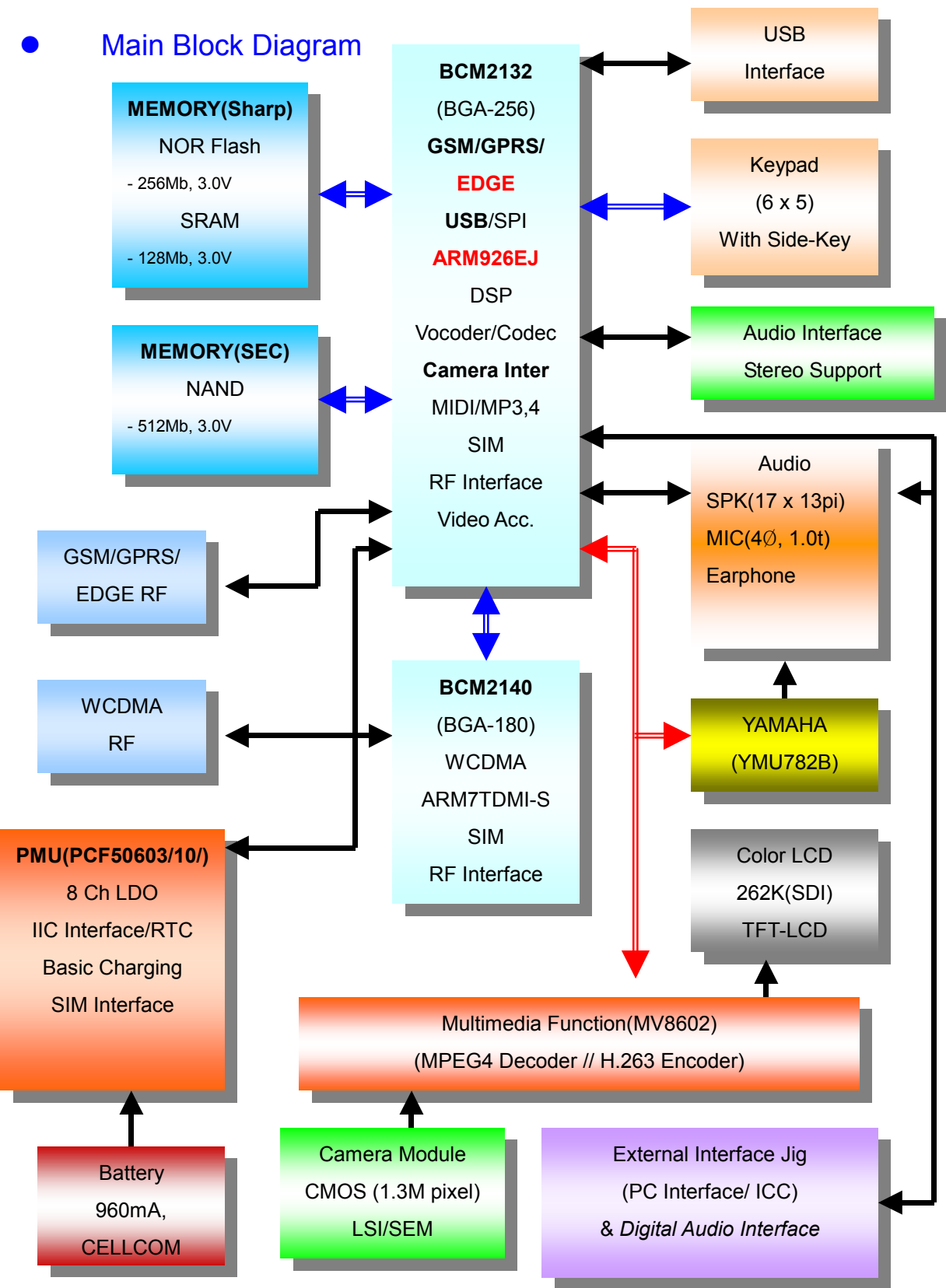
Electrical Parts List

Design LOC	Discription	SEC Code	STATUS
U404	IC-MULTI REG.	1203-002861	SA
U405	IC-RESET	1203-002903	SA
U406	IC-POSI.FIXED REG.	1203-003737	SA
U407	IC-POSI.FIXED REG.	1203-003737	SA
U408	IC-POWER SUPERVISOR	1203-004085	SA
U409	IC-BATTERY	1203-004024	SA
U410	IC-POSI.FIXED REG.	1203-003787	SA
U411	IC-POSI.FIXED REG.	1203-003767	SA
U412	IC-POSI.FIXED REG.	1203-003787	SA
U413	IC-POSI.FIXED REG.	1203-003787	SA
U414	IC-POSI.FIXED REG.	1203-003688	SA
U500	IC-COMM. CONTROLLER	1205-002886	SA
U600	IC-MODEM	1205-002857	SA
U601	IC ASIC-SGHZ220	GH13-00033A	SA
U602	IC-CMOS LOGIC	0801-002529	SA
U604	IC-FLASH MEMORY	1107-001455	SA
U605	IC-MCP	1109-001311	SA
U606	IC-DC/DC CONVERTER	1203-003736	SA
U607	IC-LEVEL DRIVER	1003-001908	SA
U608	IC-CMOS LOGIC	0801-002882	SA
U701	IC-MELODY	1204-002309	SA
U702	IC-ANALOG MULTIPLEX	1001-001345	SA
U825	R-CHIP	2007-007590	SA
U826	R-CHIP	2007-000171	SA
U829	C-CER,CHIP	2203-000812	SA
U830	C-CER,CHIP	2203-002709	SNA
U832	C-CER,CHIP	2203-000254	SA
U834	R-CHIP	2007-000242	SA
U835	BLUETOOTH MODULE	4709-001398	SA
U836	C-CER,CHIP	2203-006562	SA
U837	C-CER,CHIP	2203-006562	SA
U838	C-CER,CHIP	2203-000386	SA
U839	C-CER,CHIP	2203-005482	SA
U840	C-CER,CHIP	2203-000254	SA
U841	DIODE-TVS	0406-001237	SNA
U842	DIODE-TVS	0406-001237	SNA
U843	DIODE-TVS	0406-001237	SNA
U847	R-CHIP	2007-003025	SA
U848	R-CHIP	2007-003025	SA
V400	VARISTOR	1405-001082	SA
V401	VARISTOR	1405-001082	SA
V402	VARISTOR	1405-001082	SA
V404	VARISTOR	1405-001082	SA
V405	VARISTOR	1405-001082	SA
V406	VARISTOR	1405-001082	SA
V500	VARISTOR	1405-001082	SA
V600	VARISTOR	1405-001082	SA
V601	VARISTOR	1405-001082	SA
V603	VARISTOR	1405-001082	SA
V700	VARISTOR	1405-001082	SA

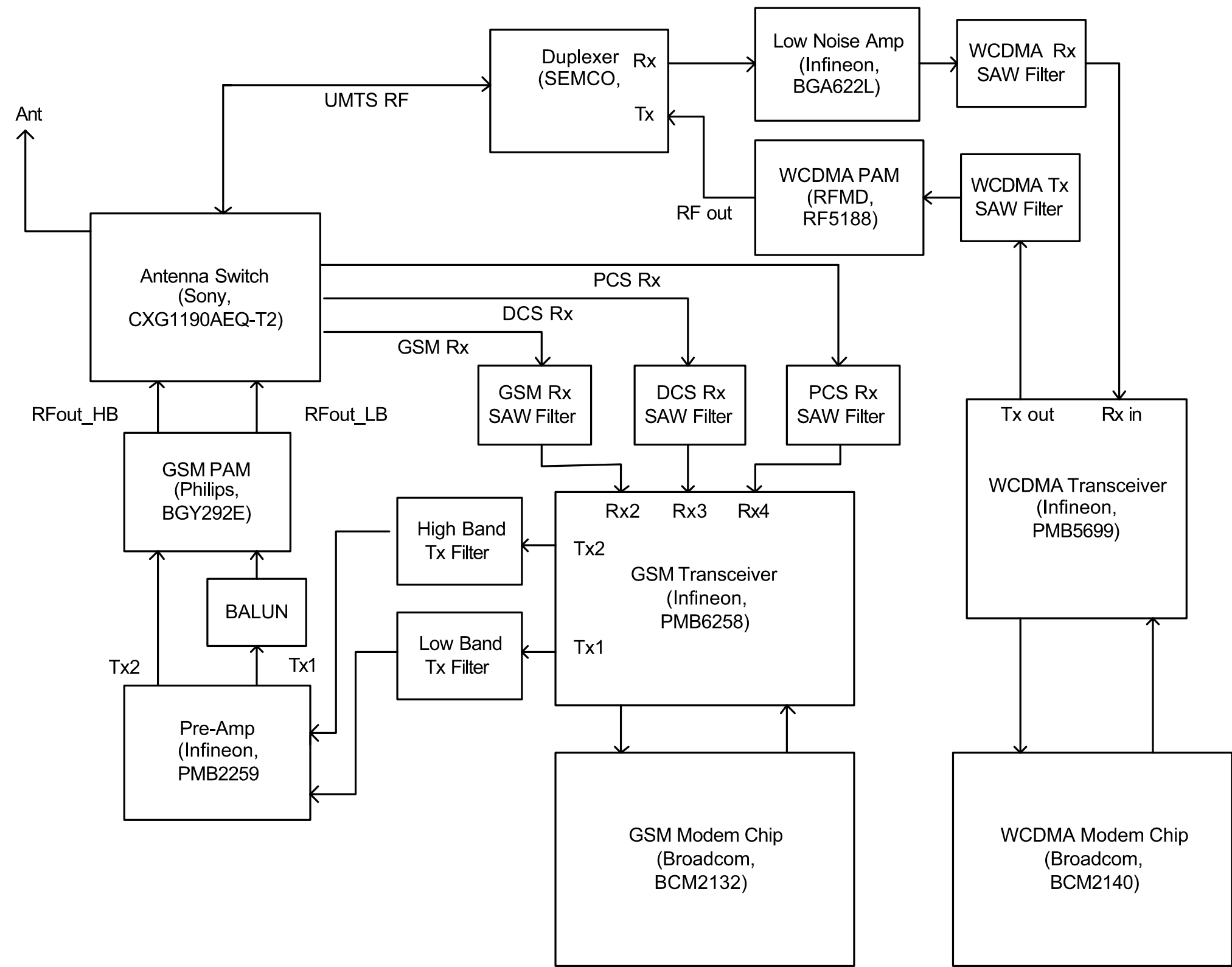
Design LOC	Discription	SEC Code	STATUS
V701	VARISTOR	1405-001082	SA
V702	VARISTOR	1405-001138	SA
V703	VARISTOR	1405-001138	SA
V704	VARISTOR	1405-001082	SA
V705	VARISTOR	1405-001082	SA
V706	VARISTOR	1405-001082	SA
V800	VARISTOR	1405-001082	SA
V801	VARISTOR	1405-001082	SA
V802	VARISTOR	1405-001082	SA
V803	VARISTOR	1405-001082	SA
V804	VARISTOR	1405-001082	SA
V805	VARISTOR	1405-001082	SA
V806	VARISTOR	1405-001082	SA
ZD700	DIODE-TVS	0406-001231	SA
ZD800	DIODE-ZENER	0403-001547	SA

5. Block Diagrams

5-1. MAIN Block Diagram

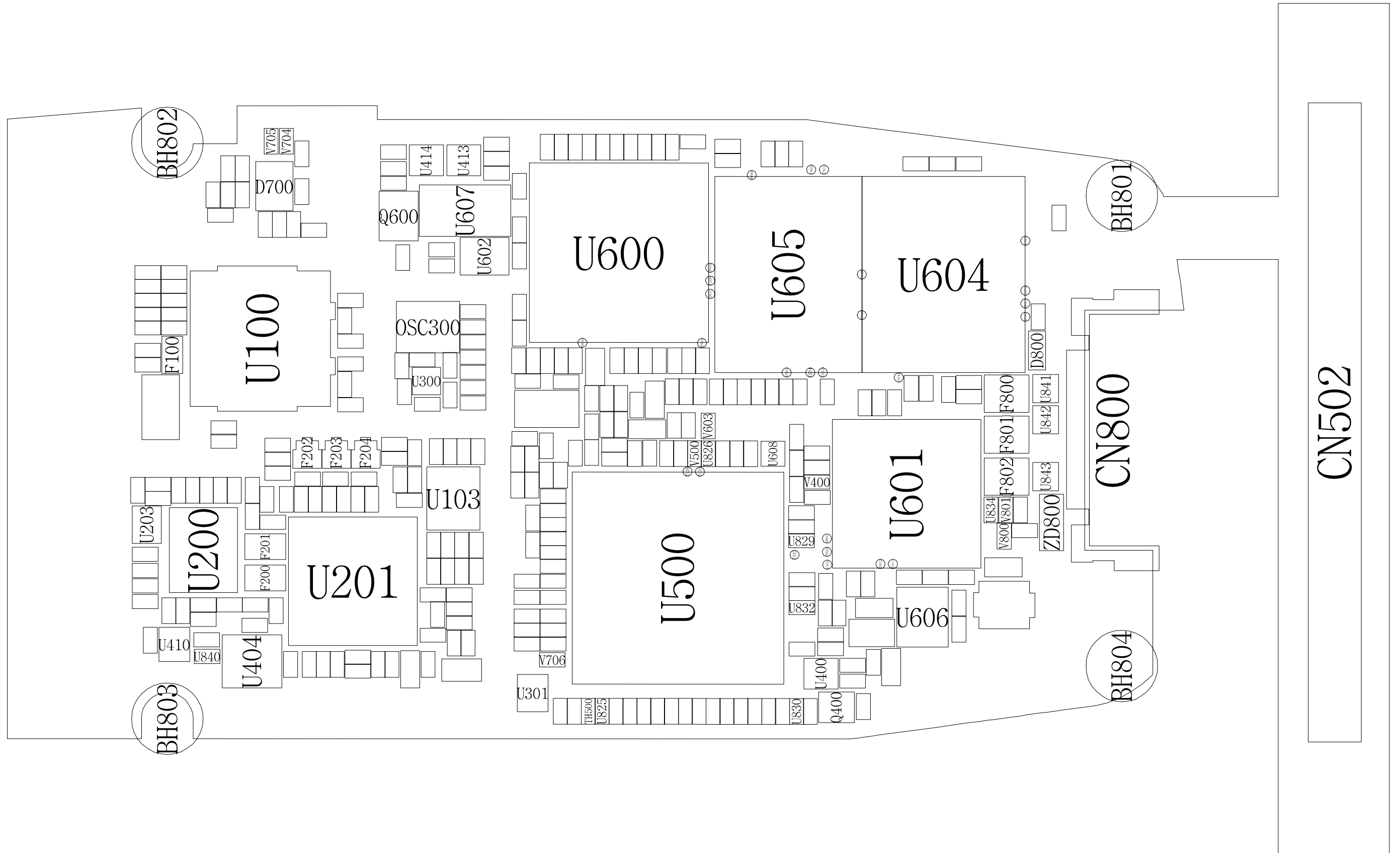


5-2. RF Solution Block Diagram

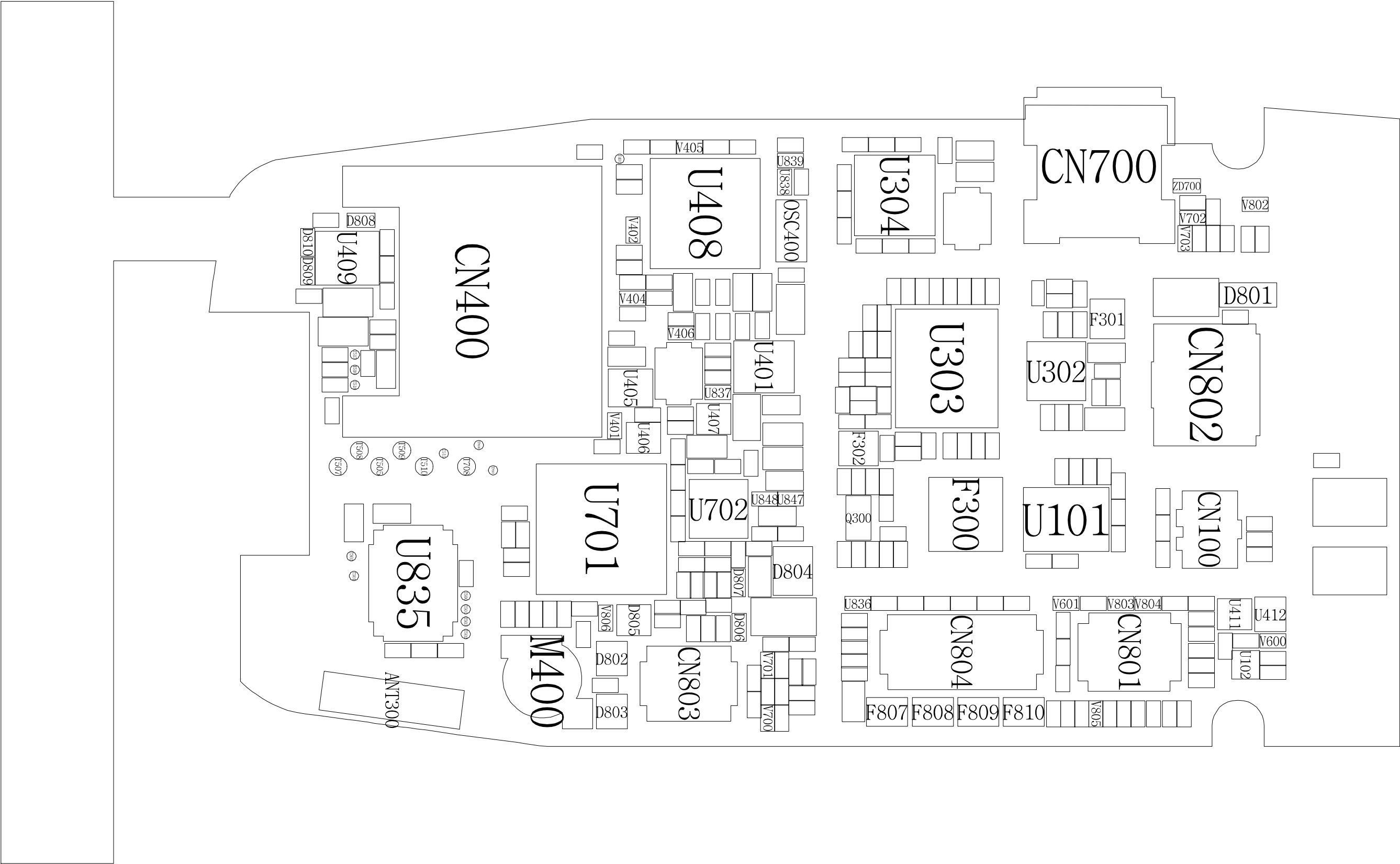


6. PCB Diagrams

6-1. PCB Top Diagram

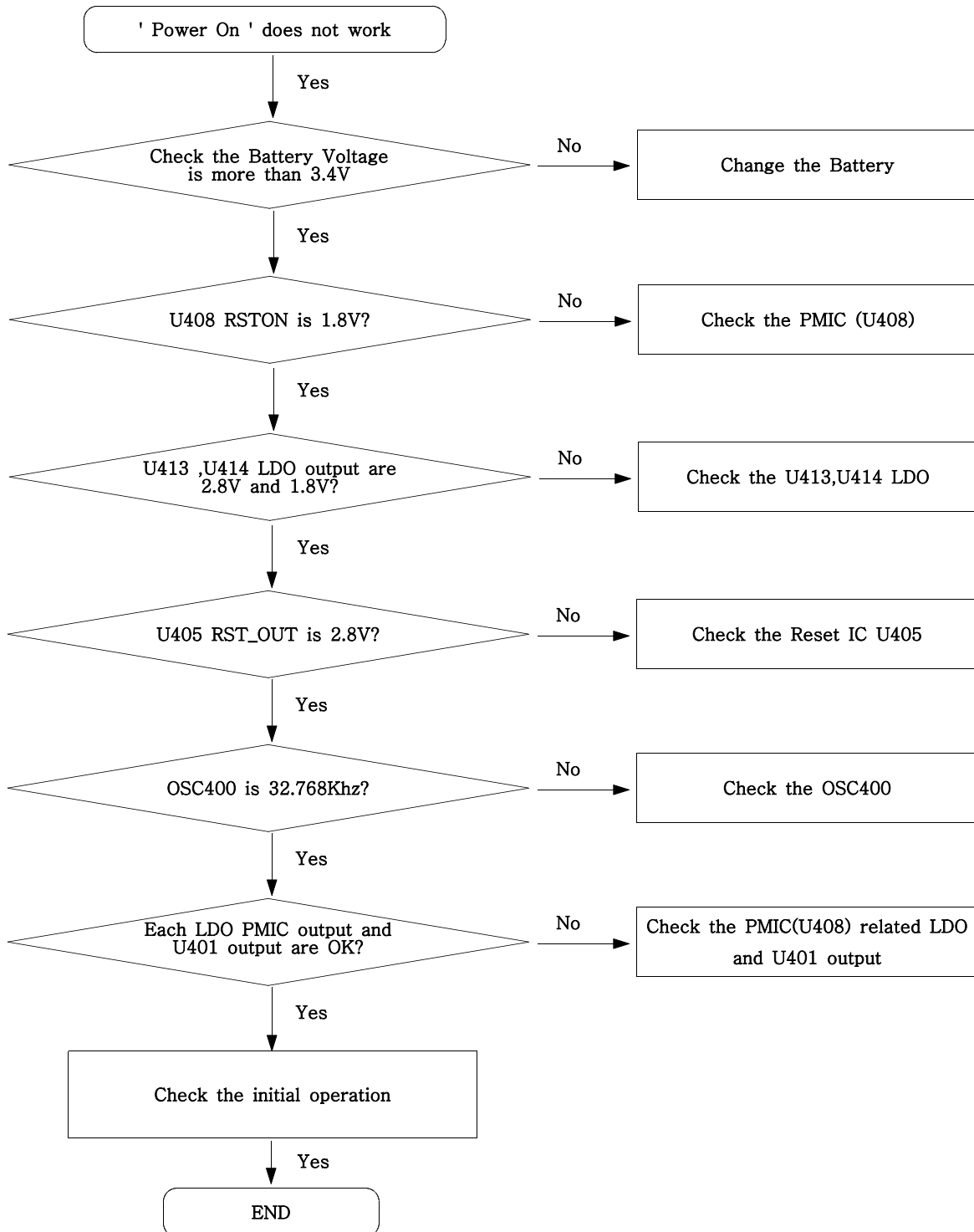


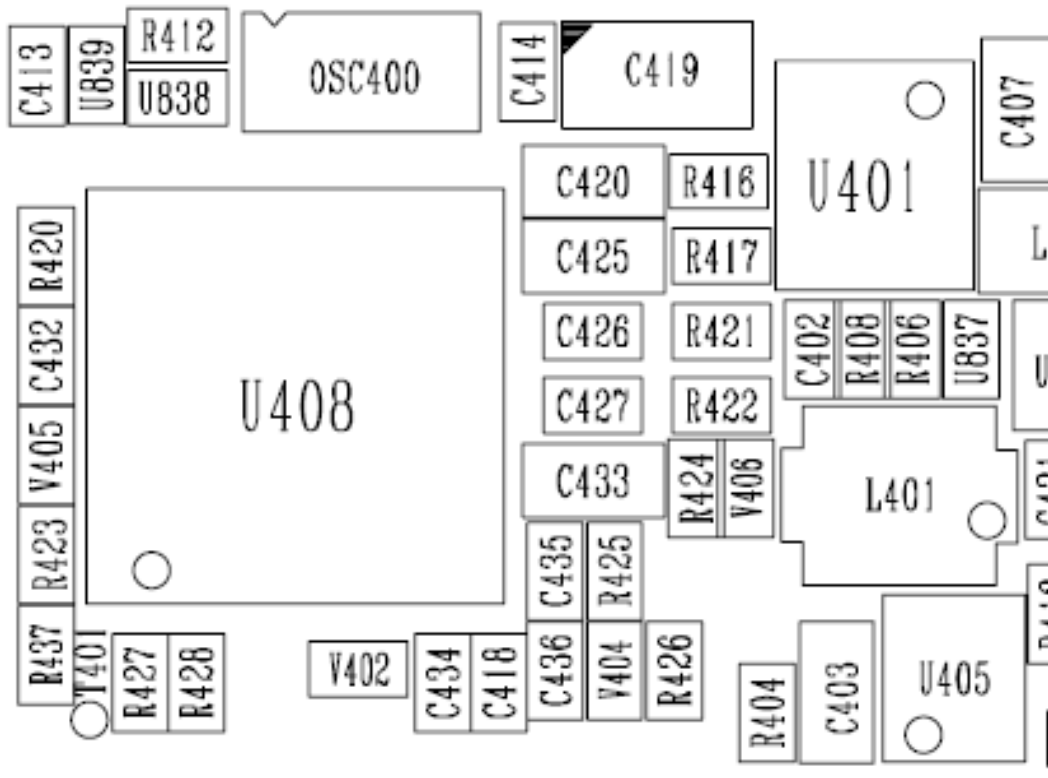
6-2. PCB Bottom Diagram



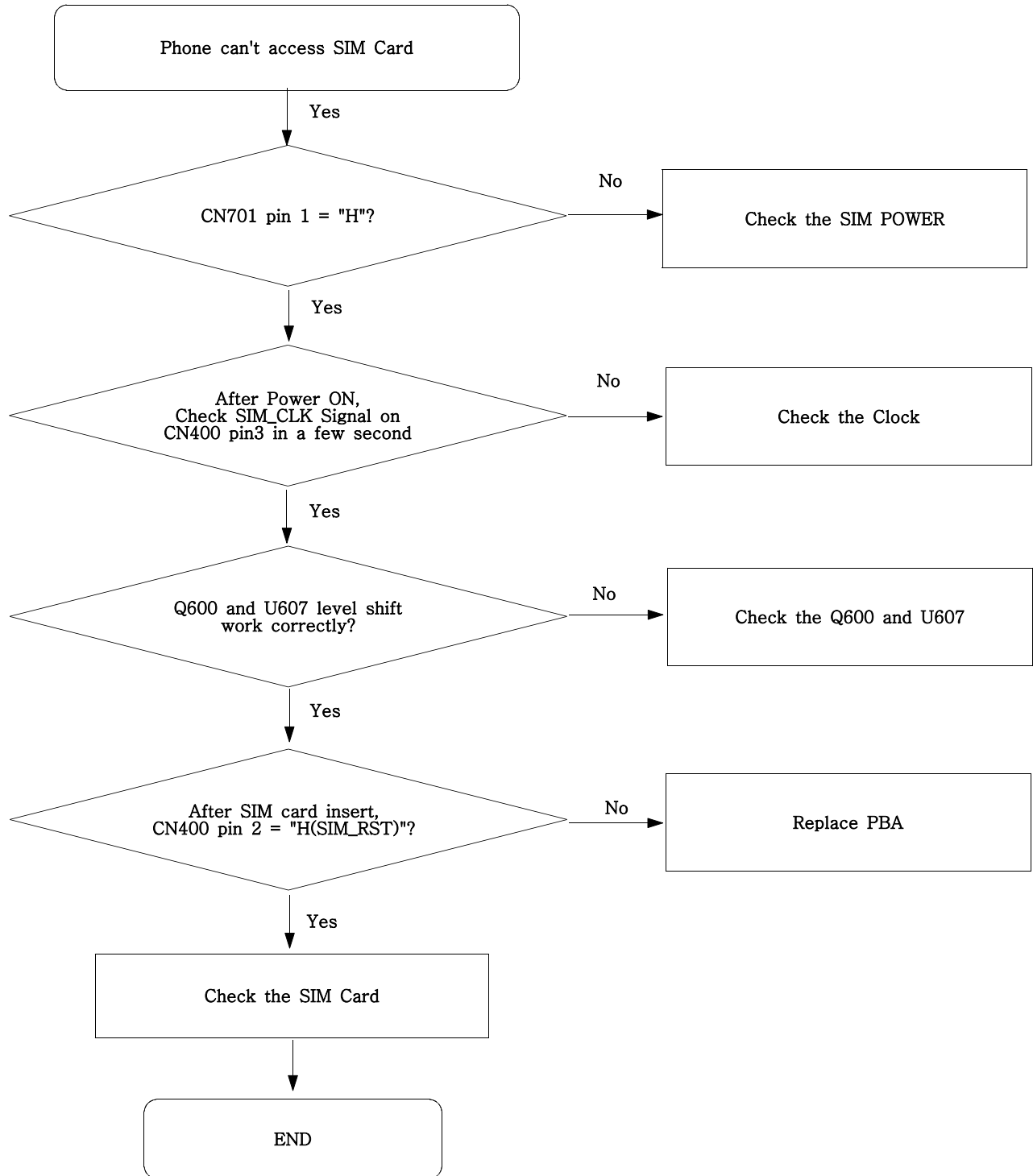
7. Flow Chart of Troubleshooting

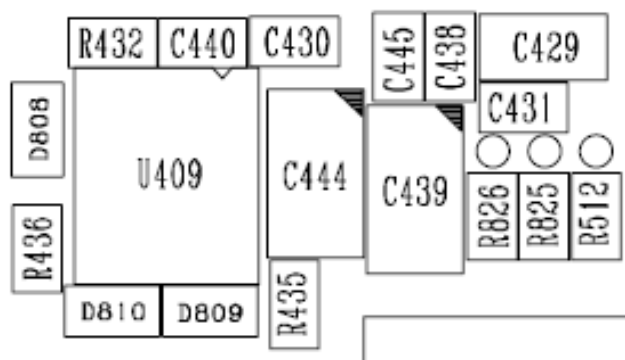
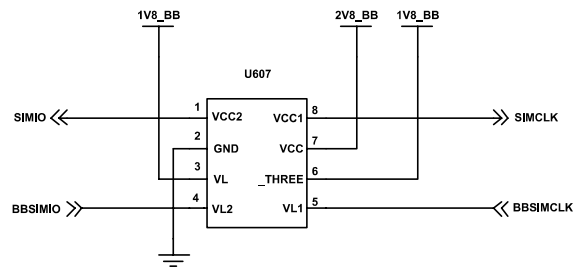
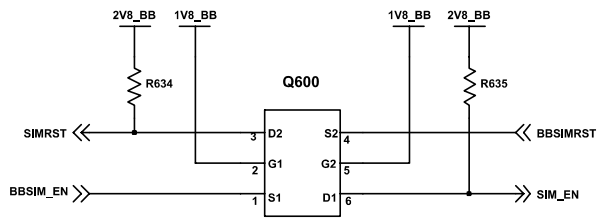
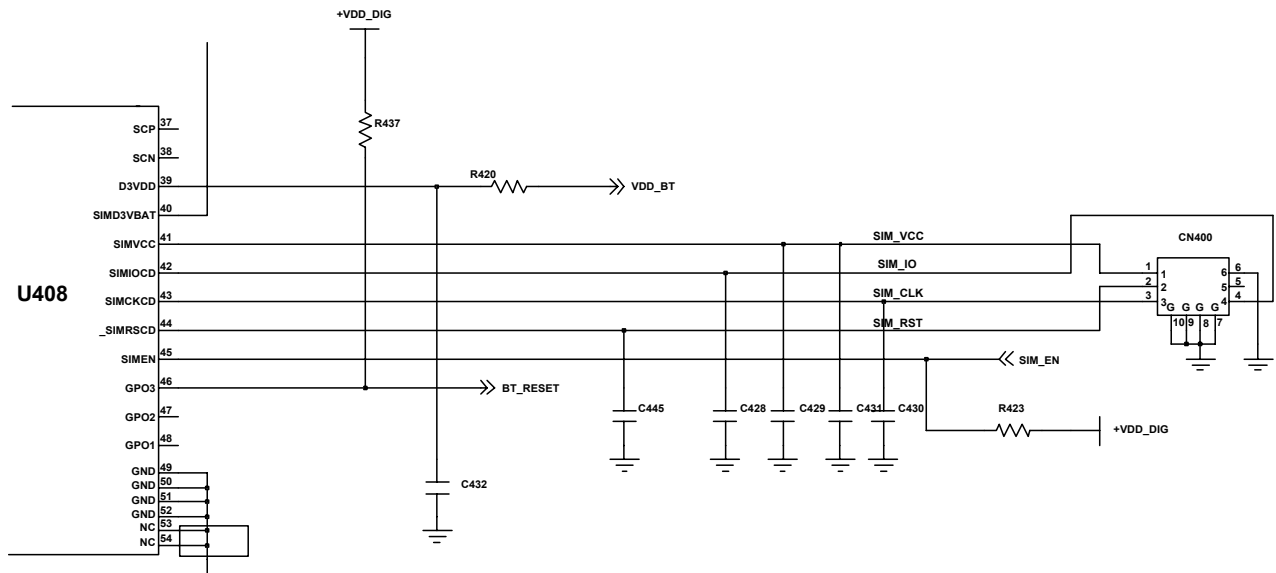
7-1. Power On



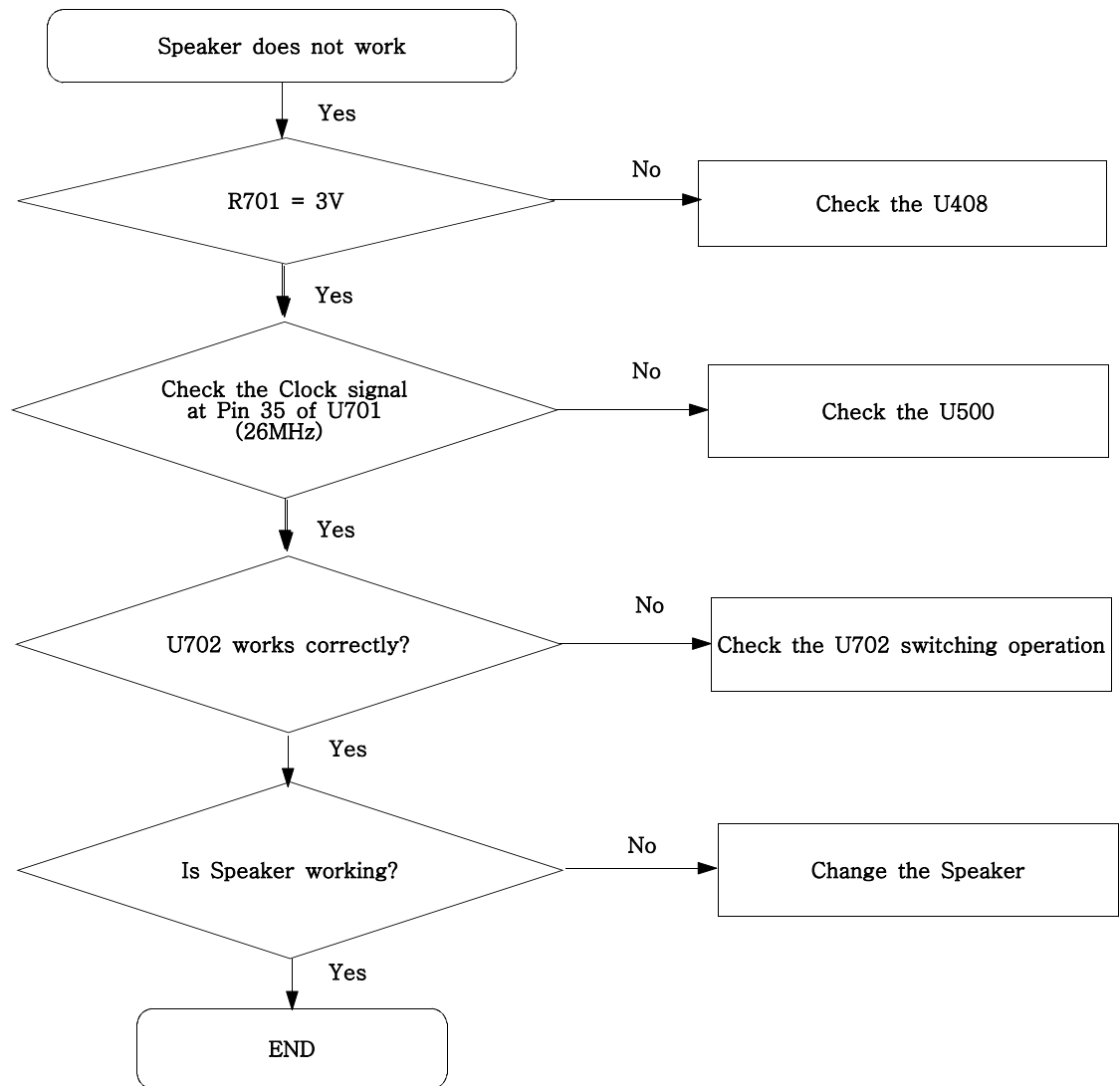


7-2. Sim Part

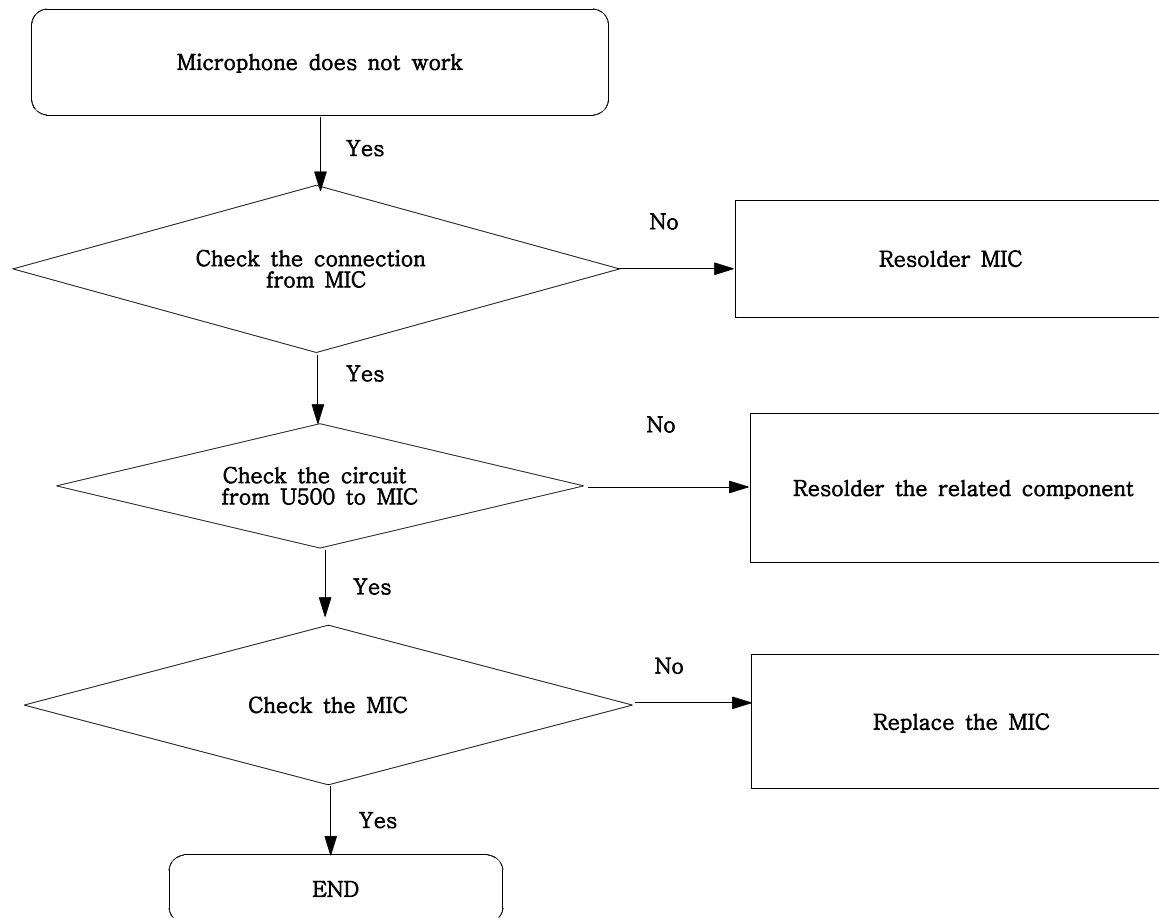


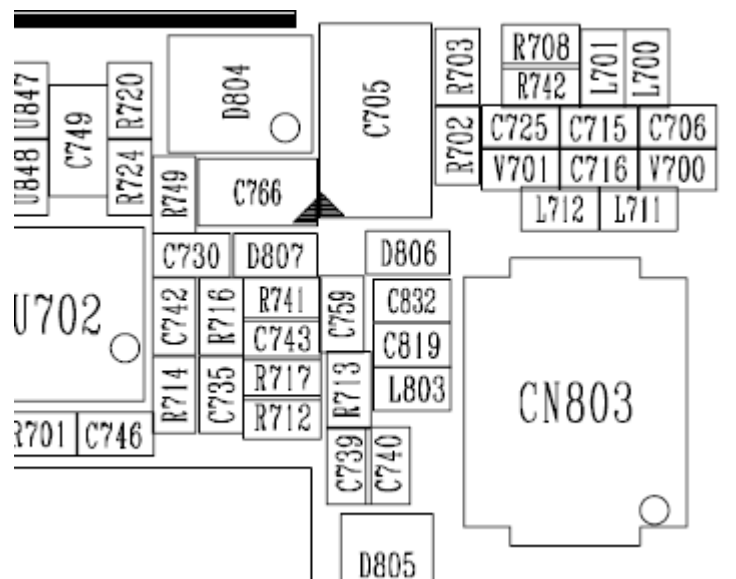
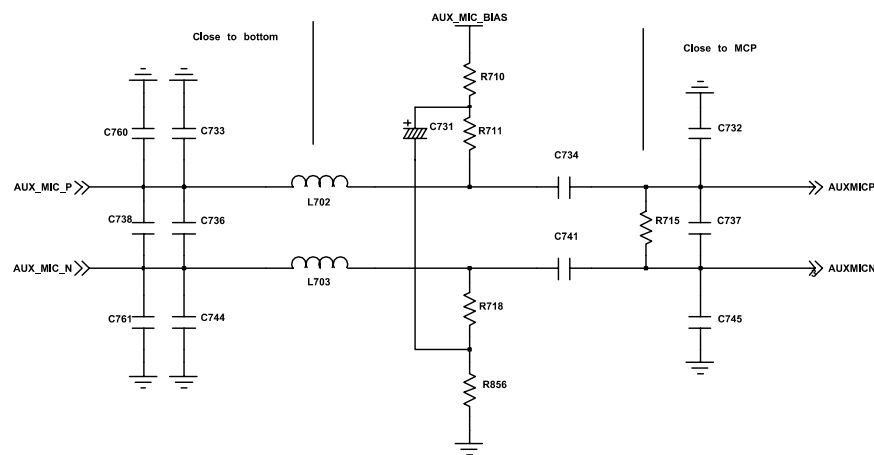
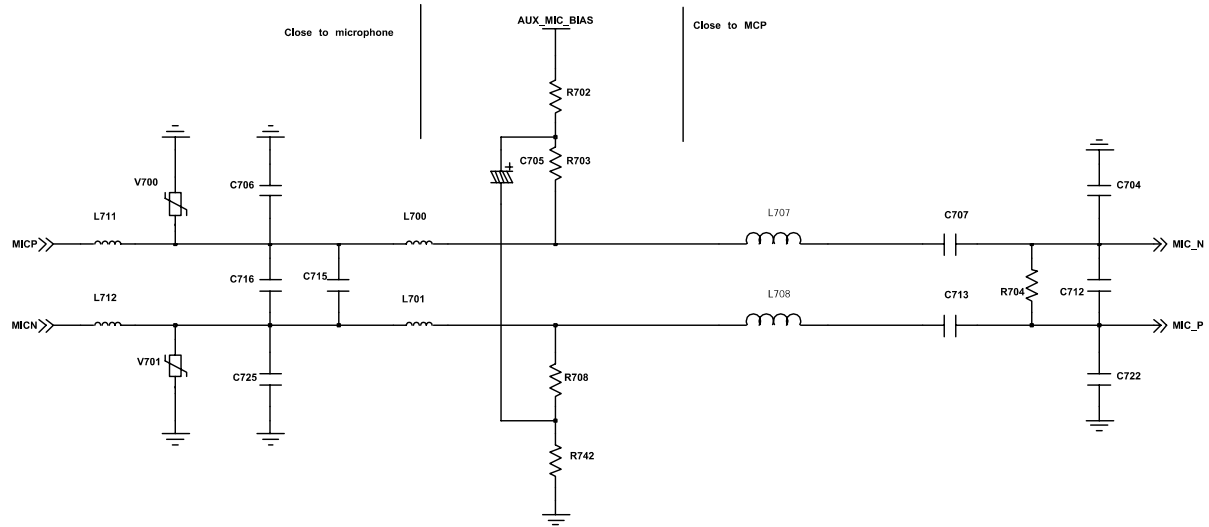


7-3. Speaker Part

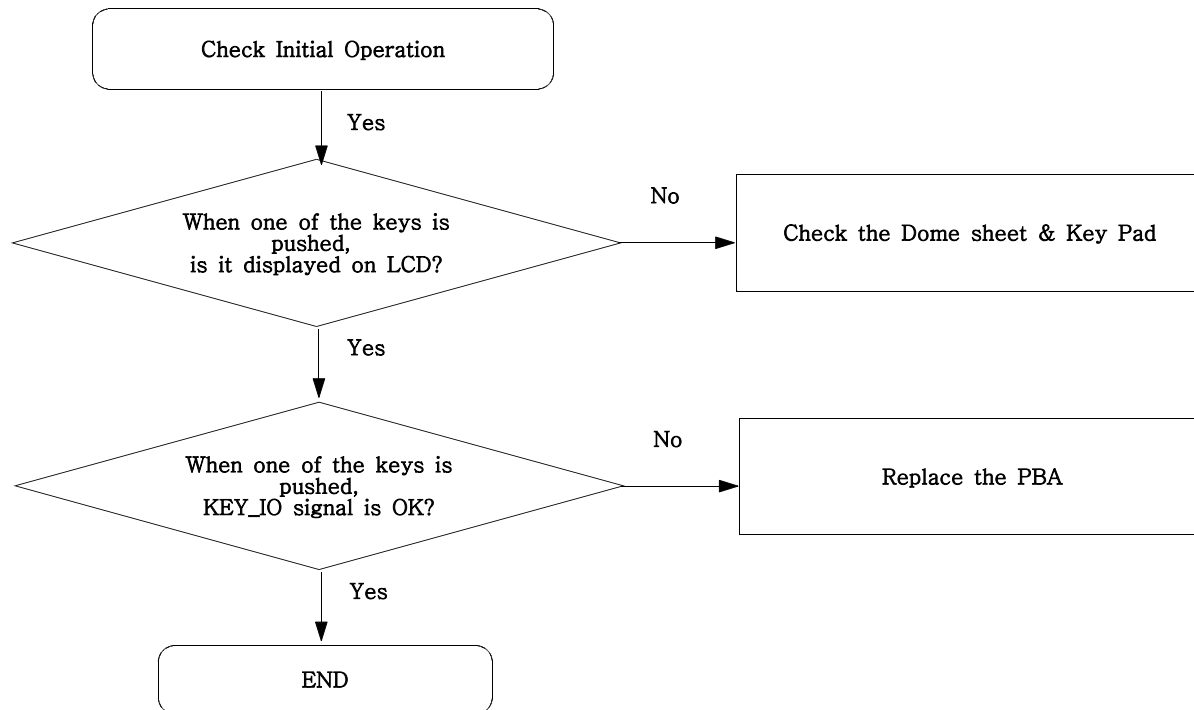


7-4. Microphone Part

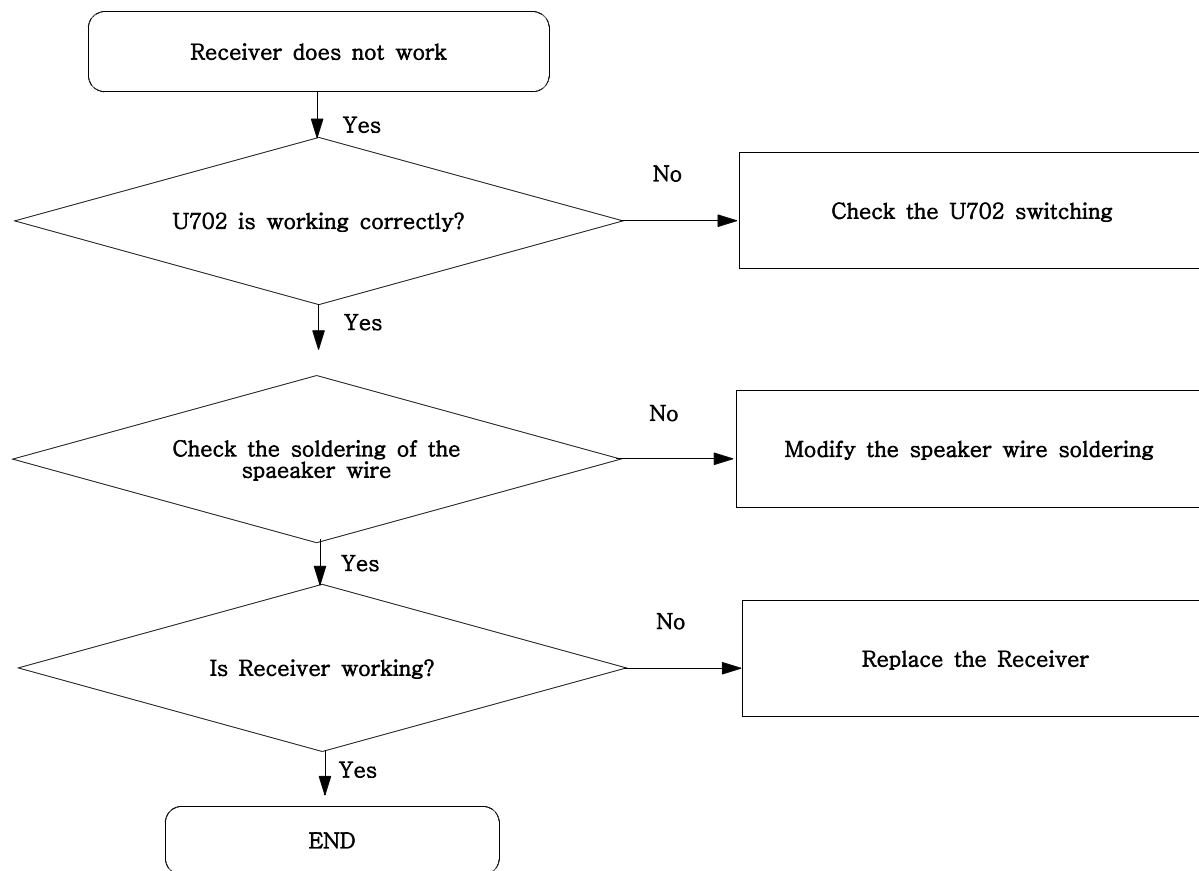




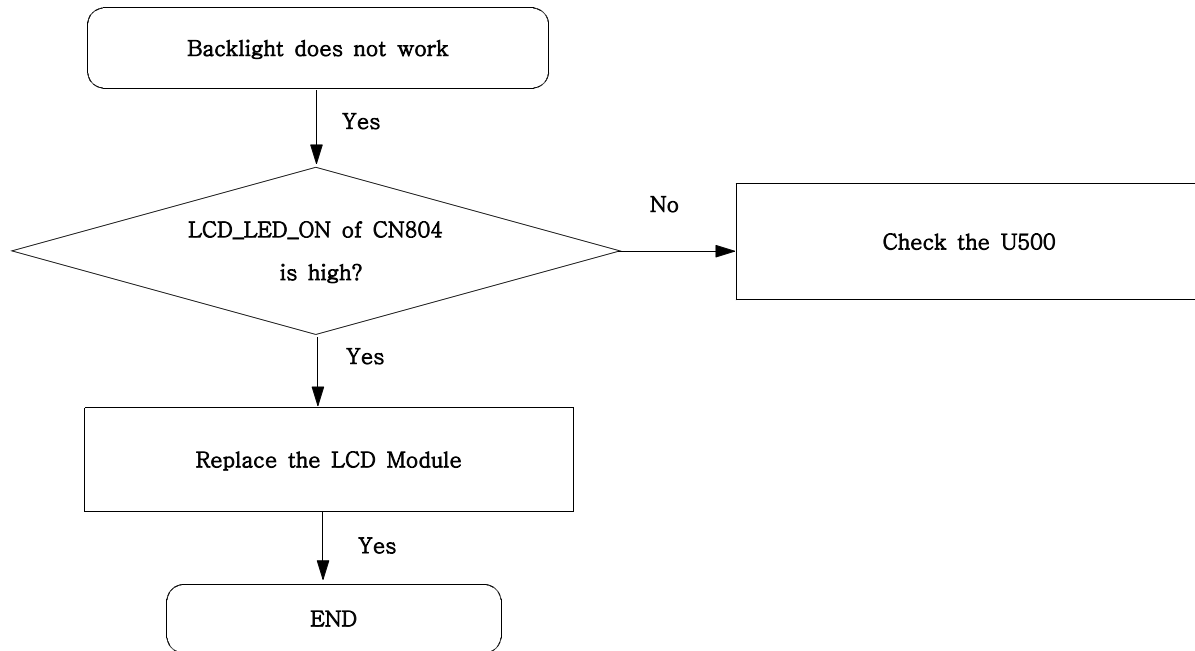
7-5. Key Data Input



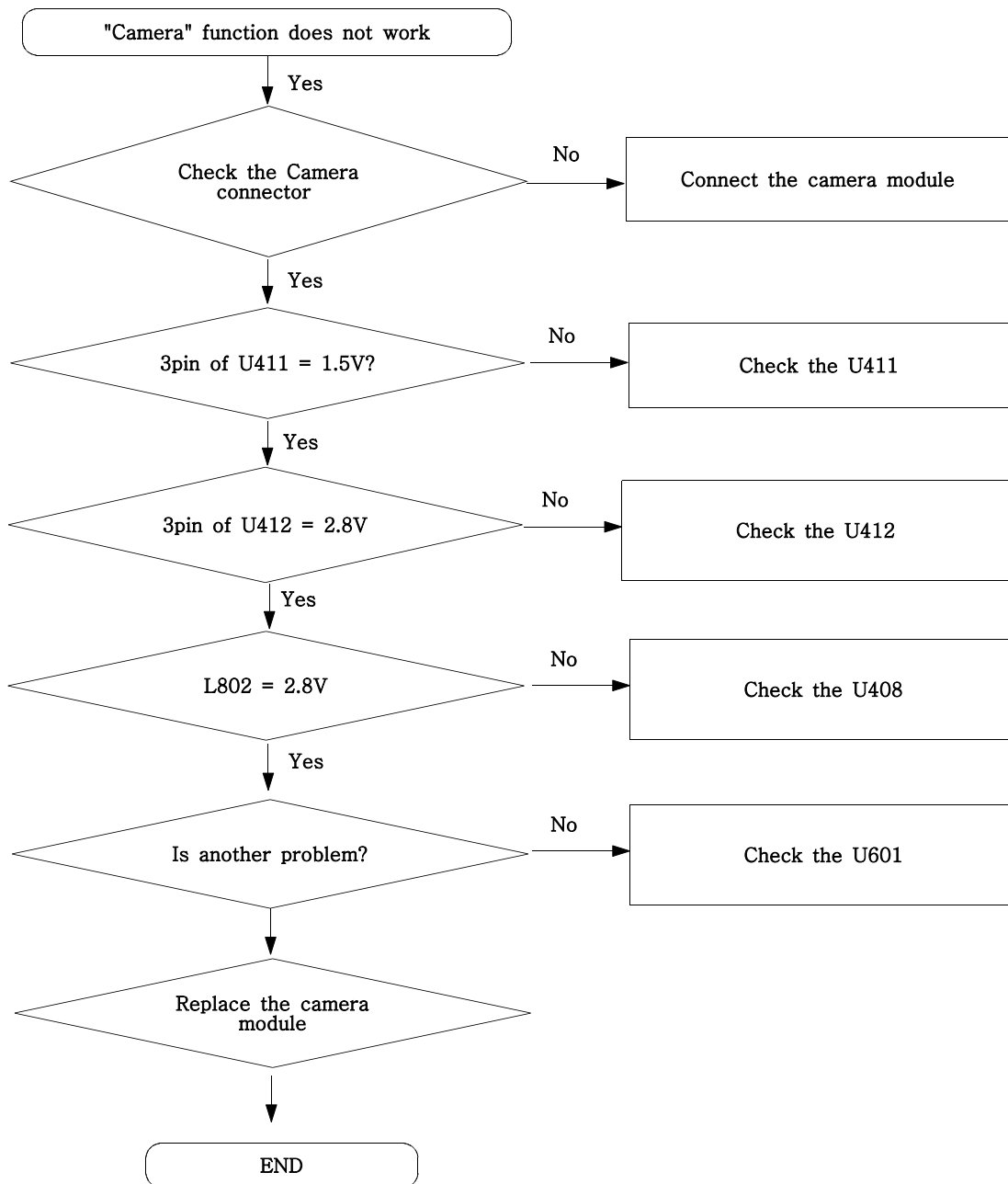
7-6. Receiver Part



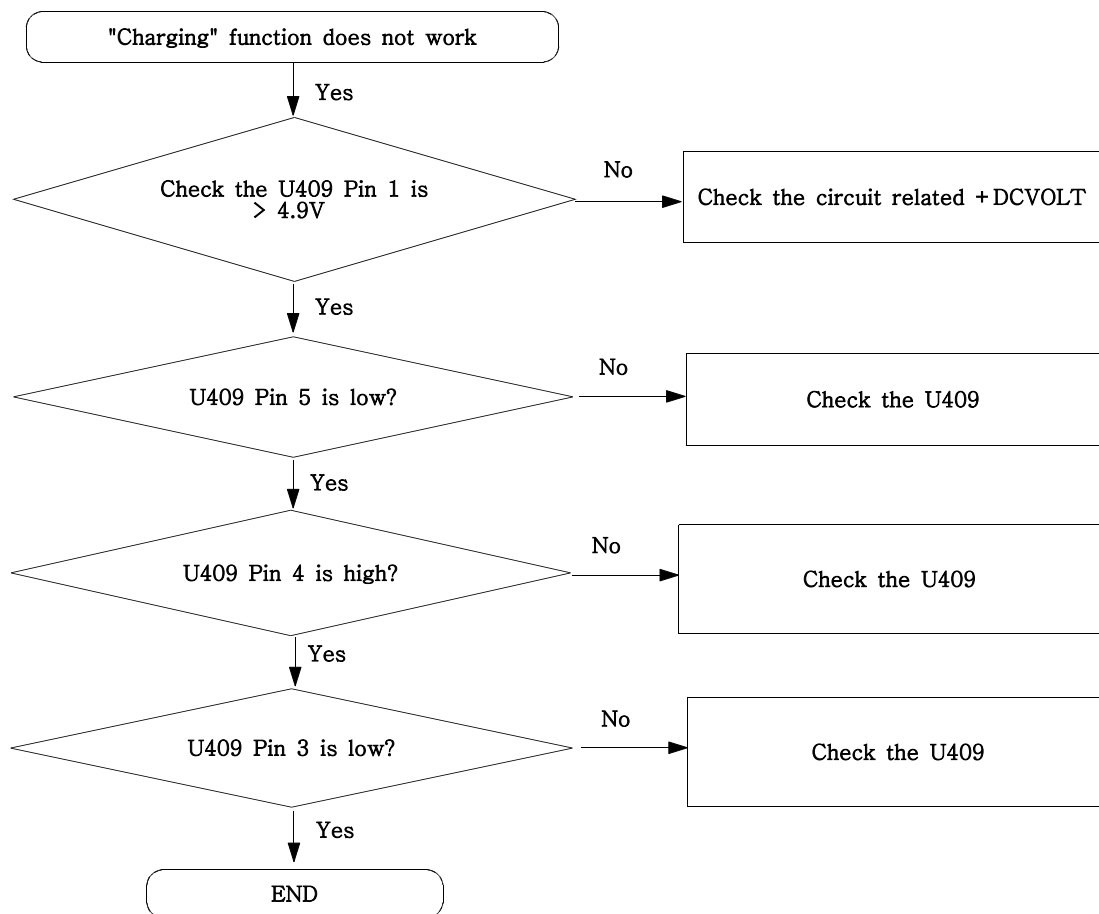
7-7. LCD Back Light



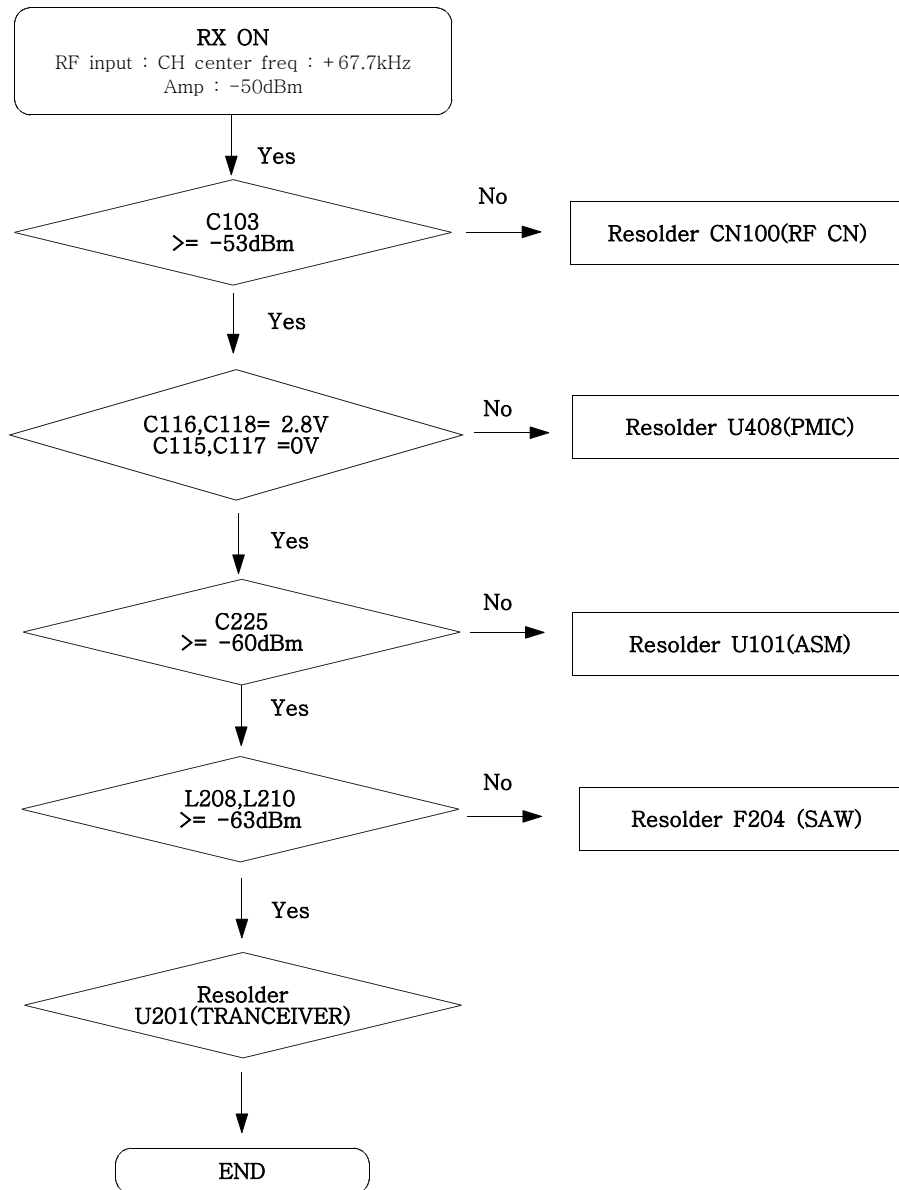
7-8. CAMERA PART



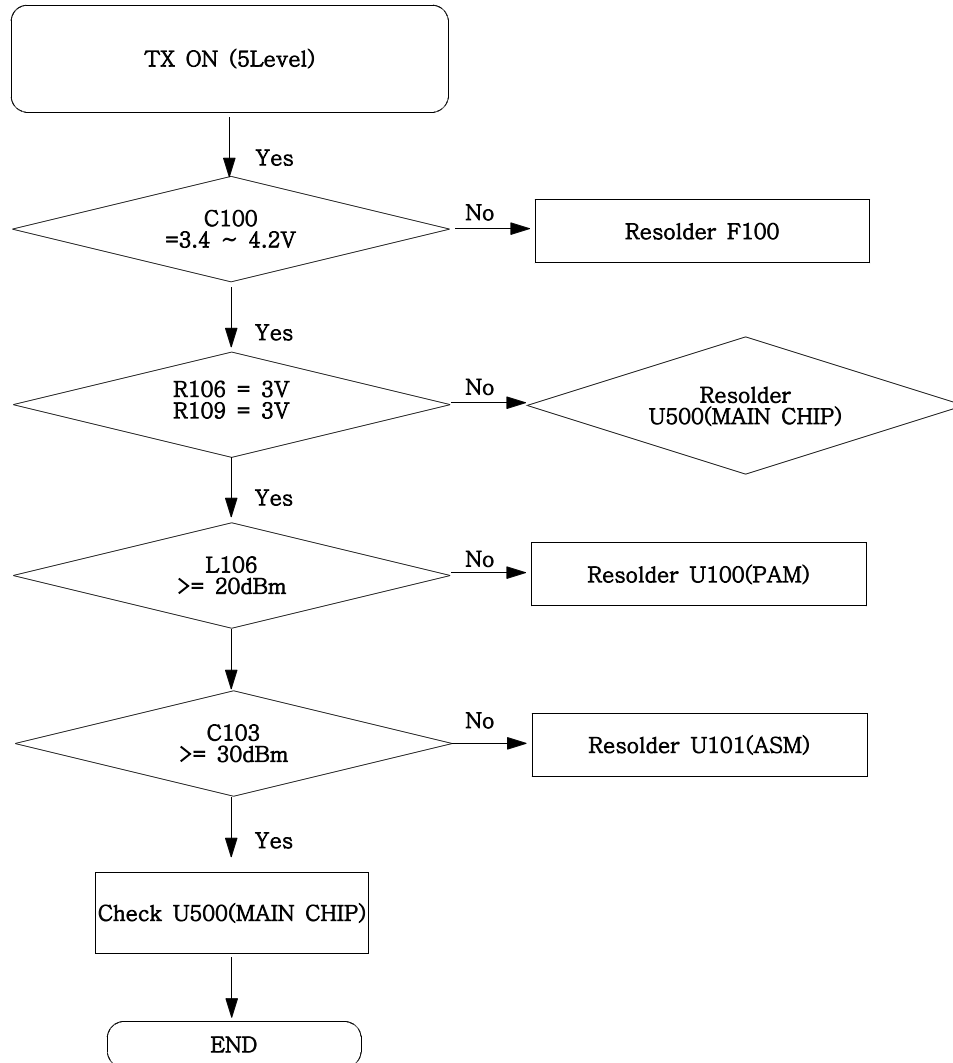
7-9. Charging Part



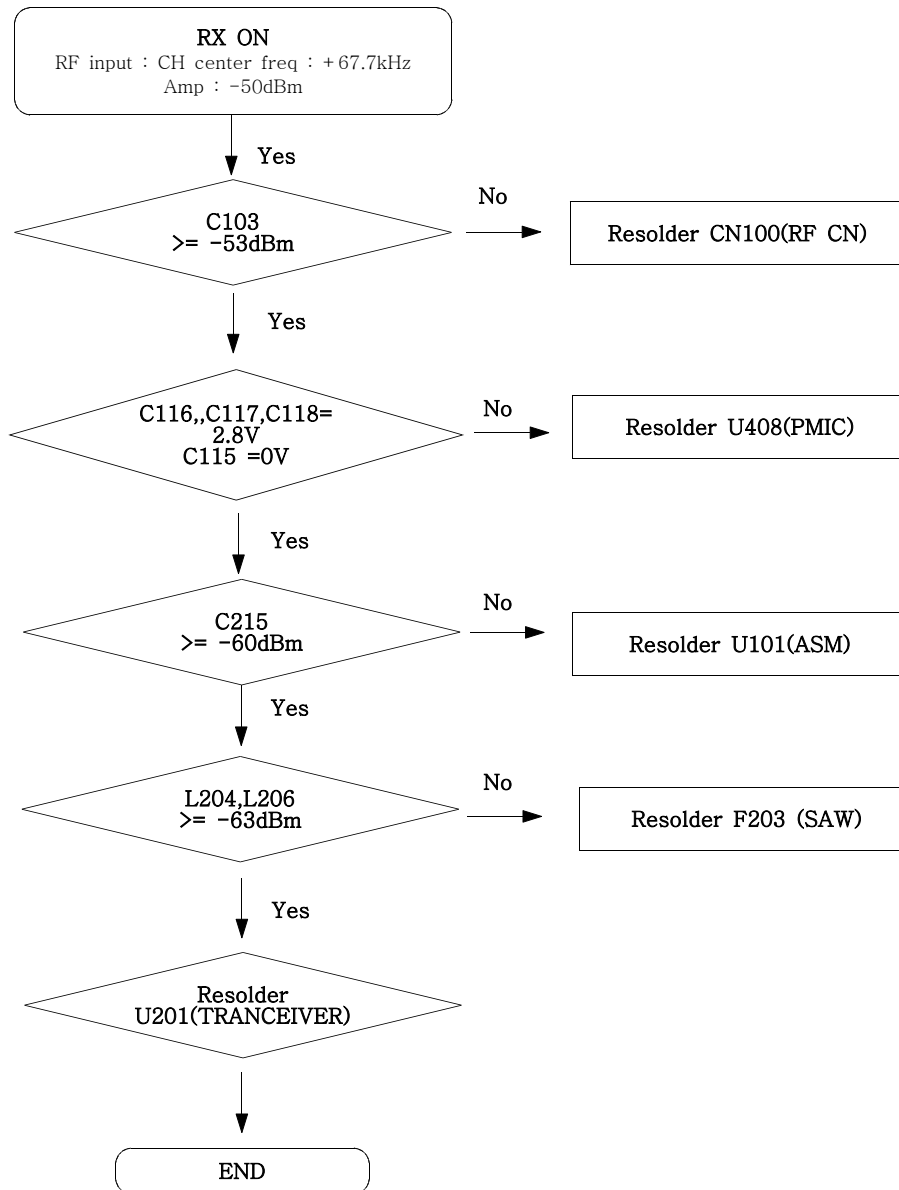
7-10. GSM Receiver



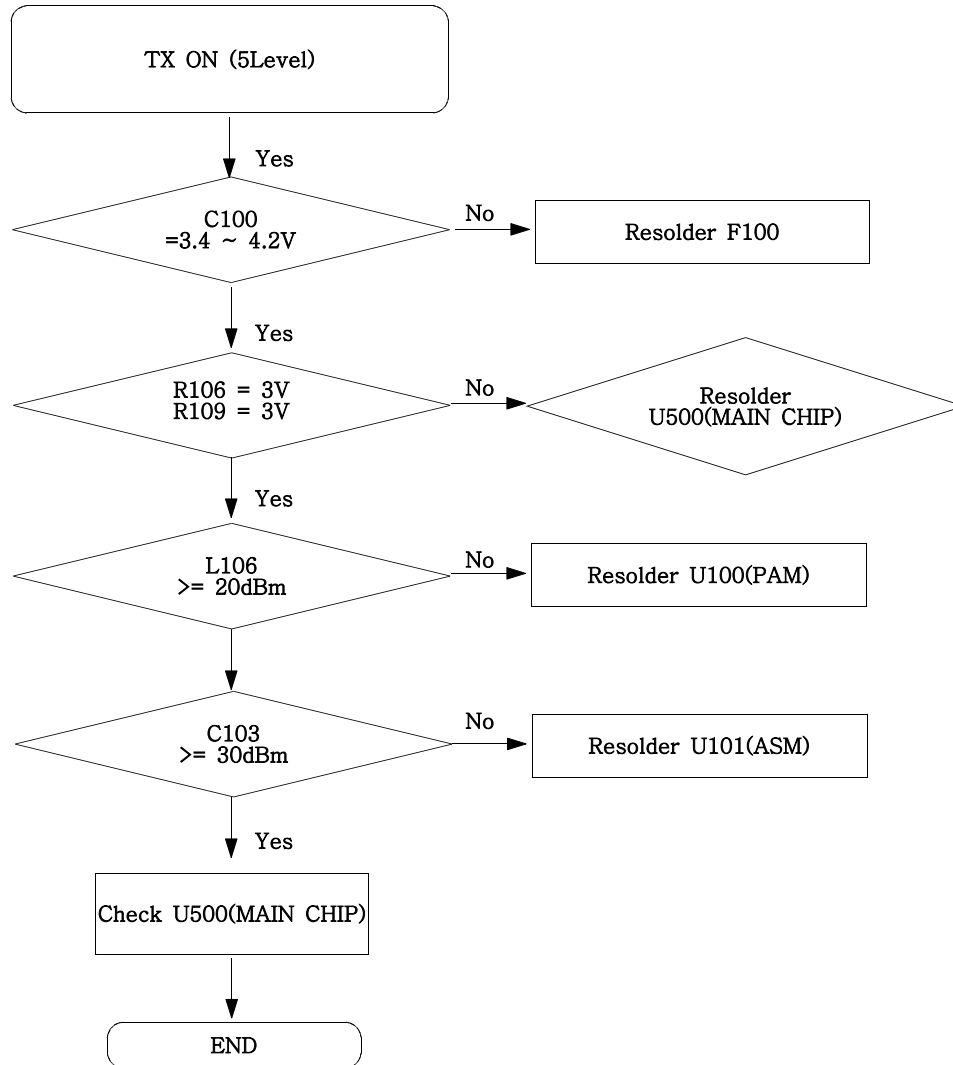
7-11. GSM Transmitter



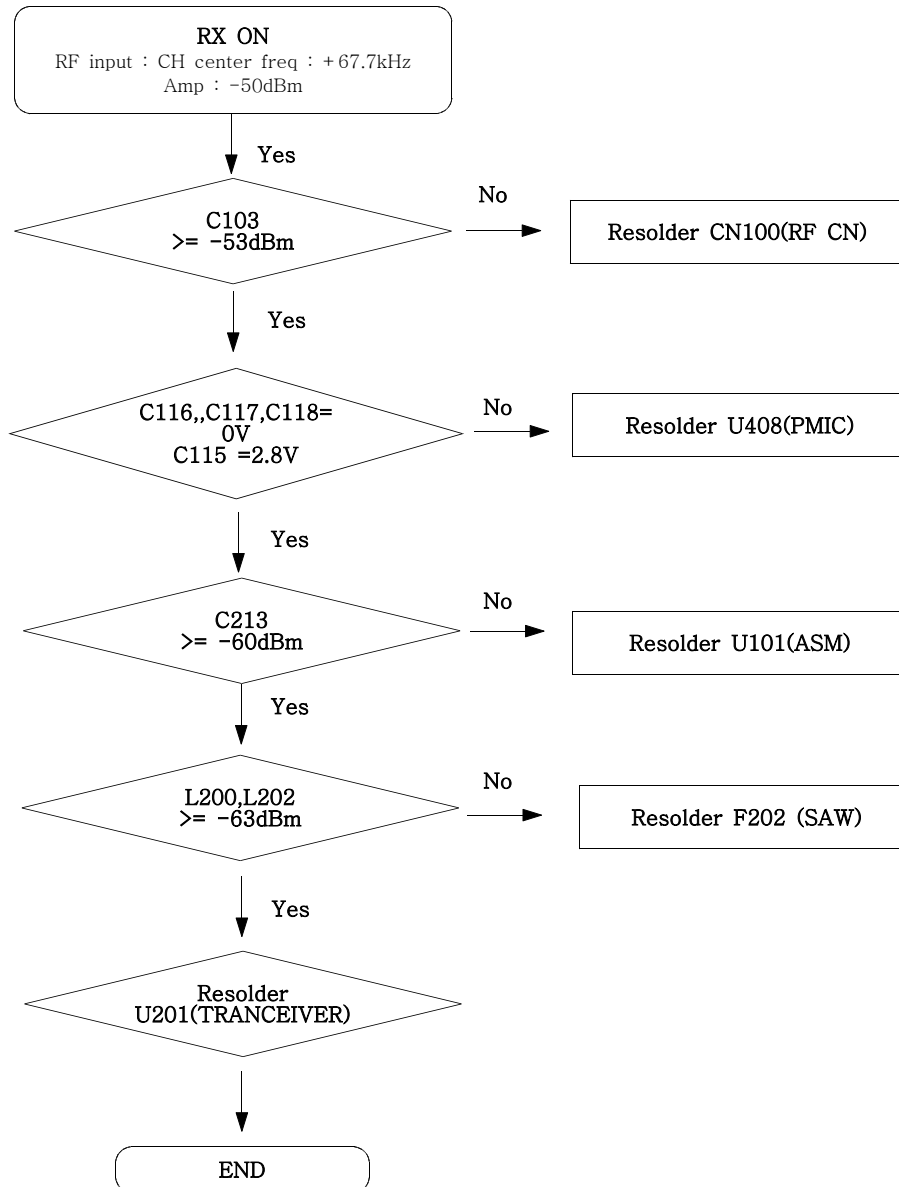
7-12. DCS Receiver



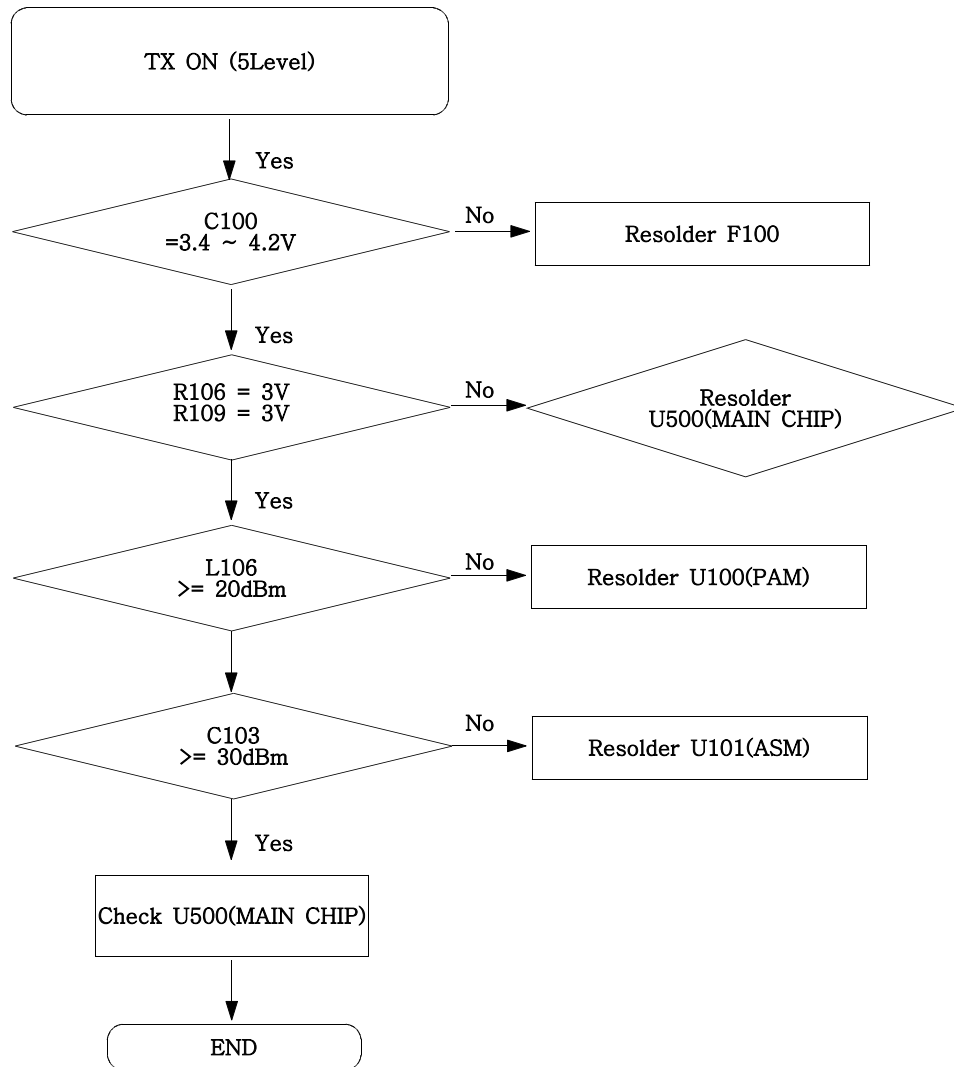
7-13. DCS Transmitter



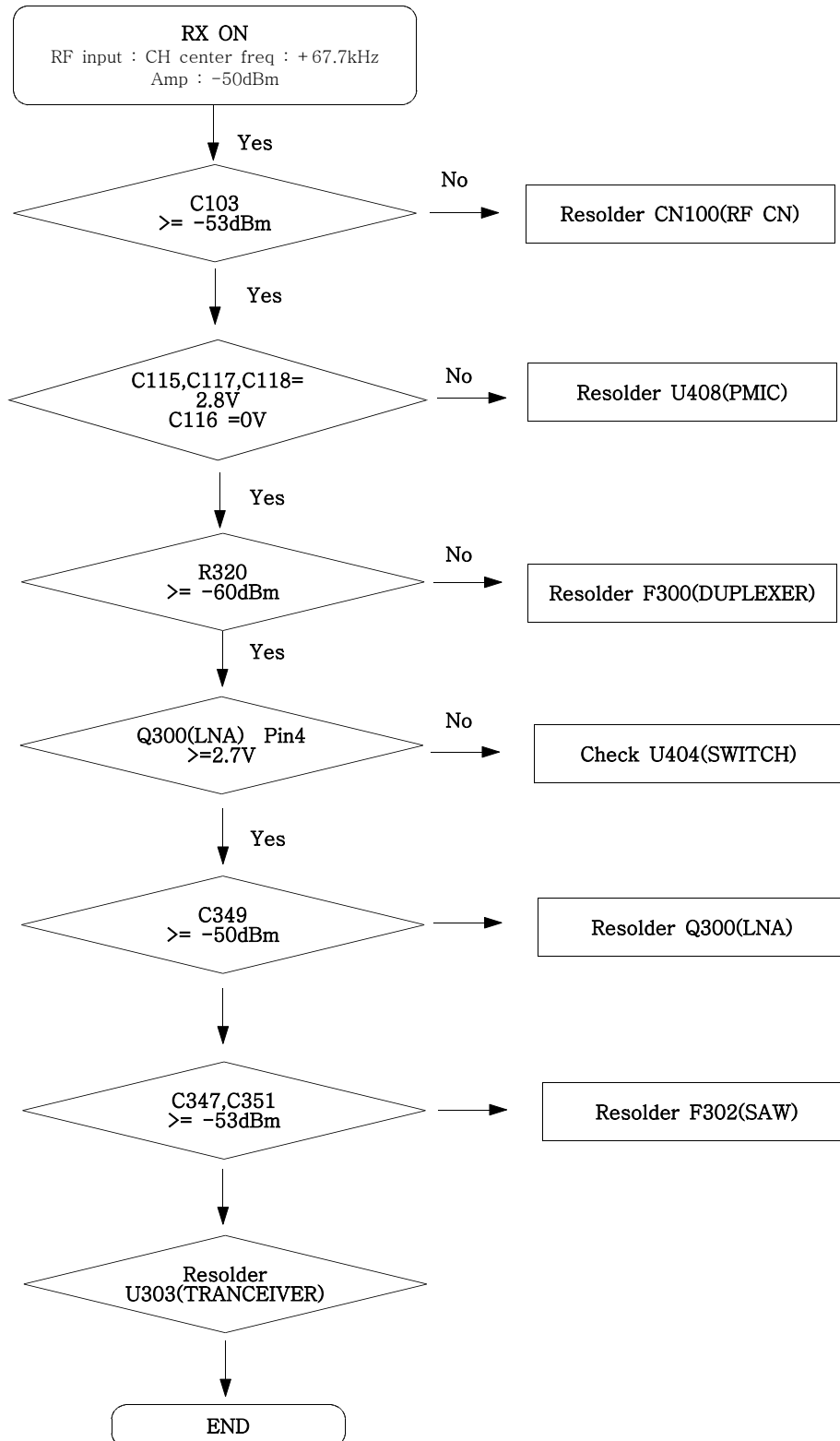
7-14. PCS Receiver



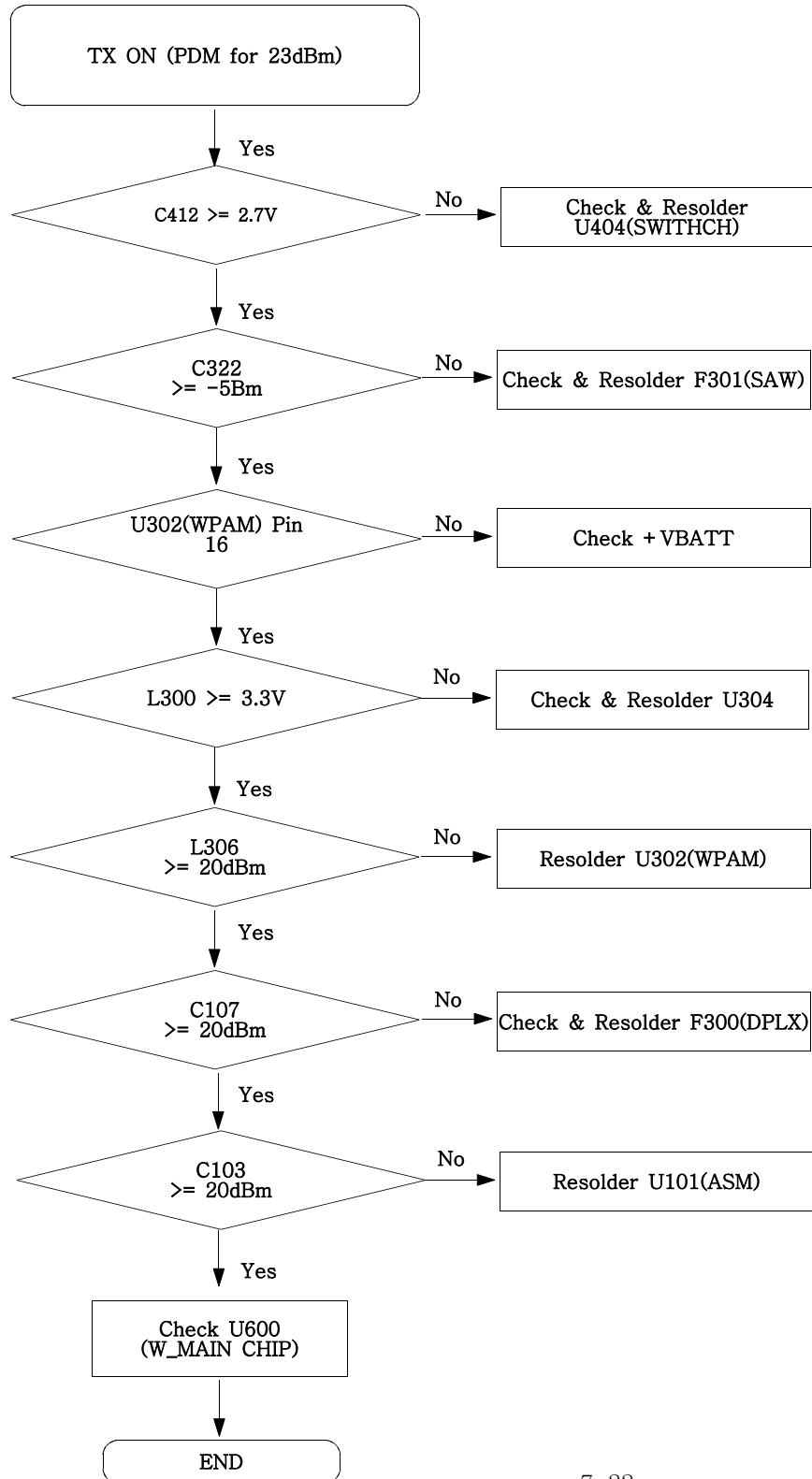
7-15. PCS Transmitter

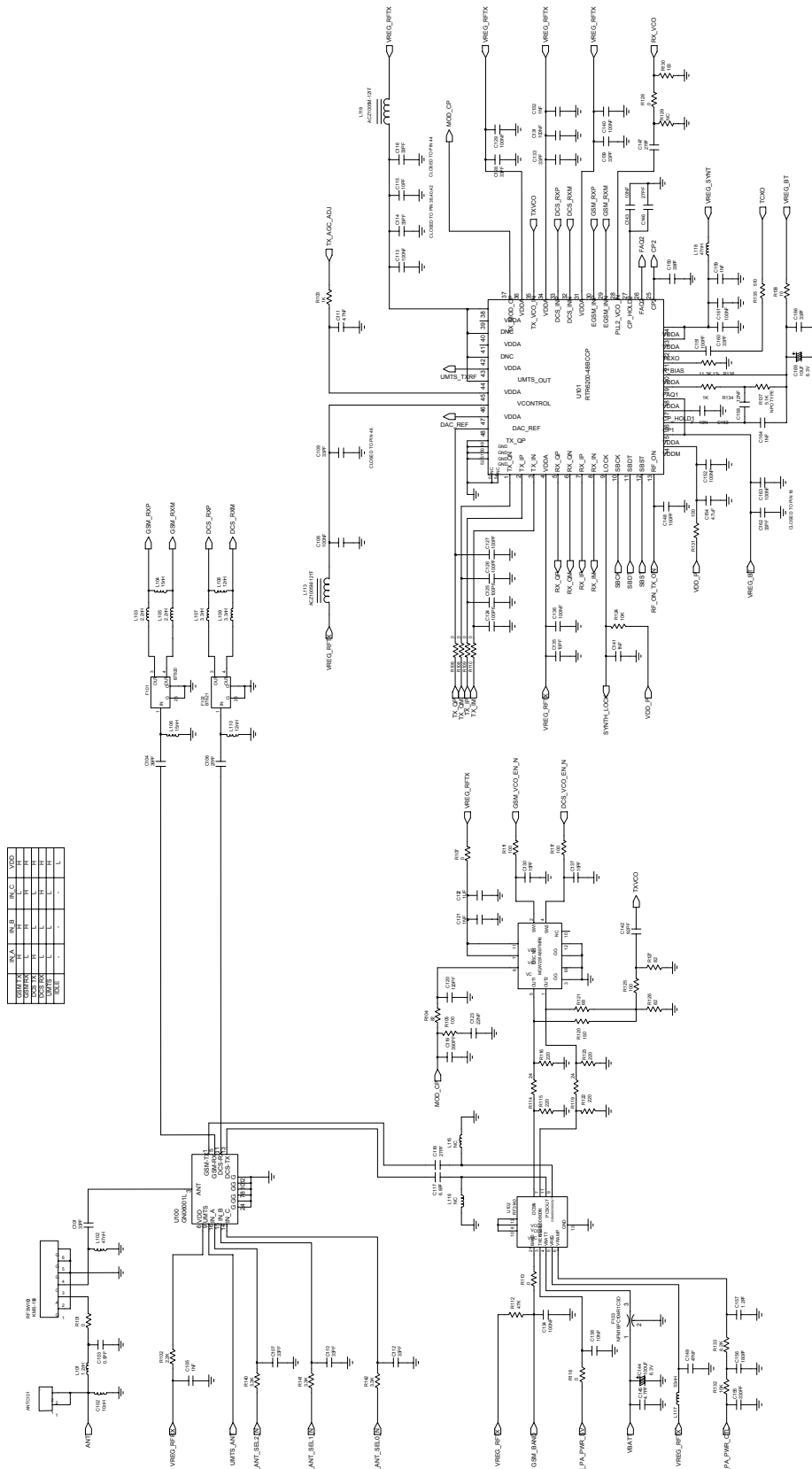


7-16. WCDMA Receiver



7-17. WCDMA Transmitter







9. Disassembly and Assembly instructions

9-1. Disassembly

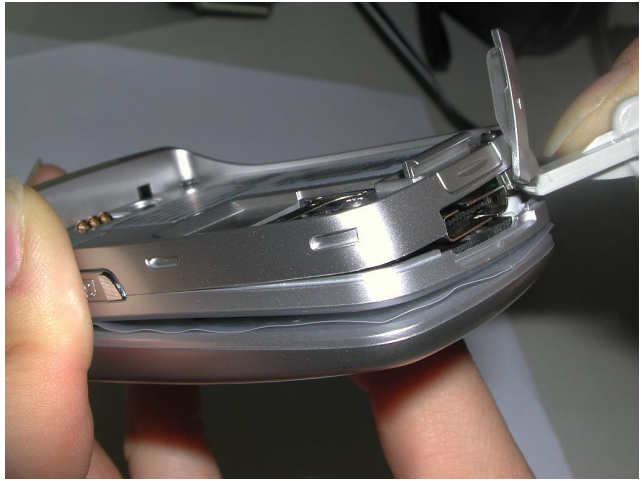
1



1) Remove 4 screws

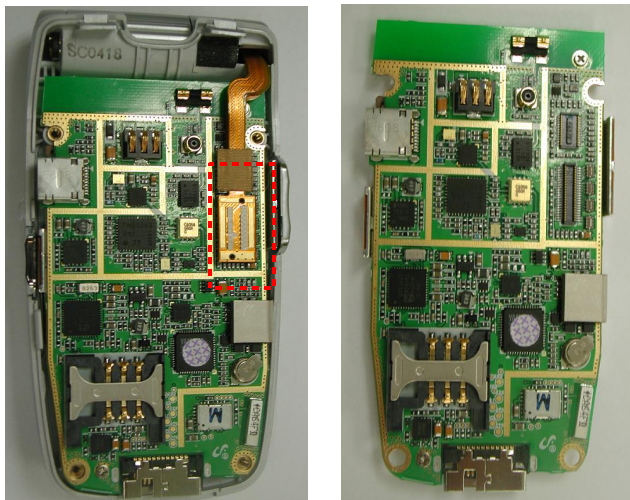
*Pay attention not to scratch the rear cover

2



1) Disassemble the rear cover from lower side

3

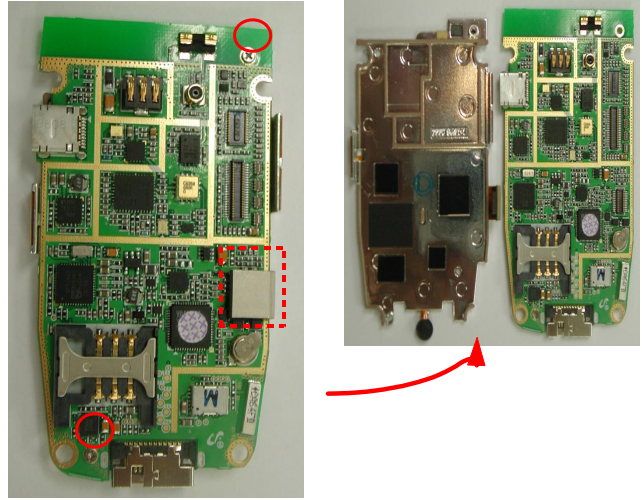


1) Remove the LCD & CAM CONNECTOR

2) Remove the PBA from Folder ASSY'

※Do not make any crack on LCD

4



1) Remove Key PBA connector

2) Remove 2 screws

3) Remove Shield can from PBA

5



1) Remove the Keypad

6



1)Take off the LCD Assemble

***Pay attention not to make any crack on a LCD FPCB**

7

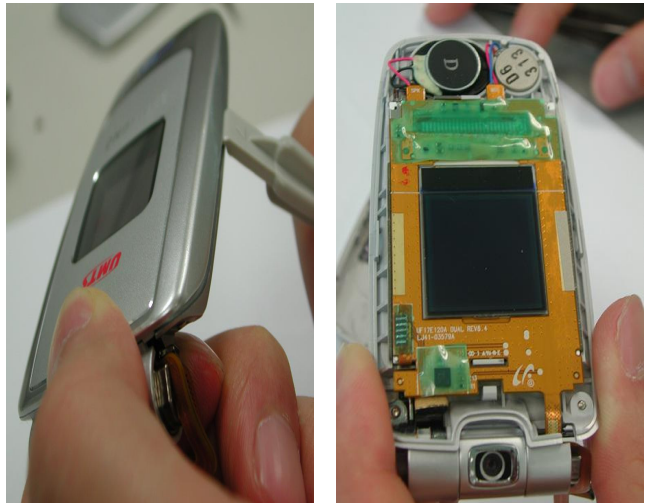


1)Remove the screw cab

2) Remove 2 screws

***Pay attention not to make a scratch**

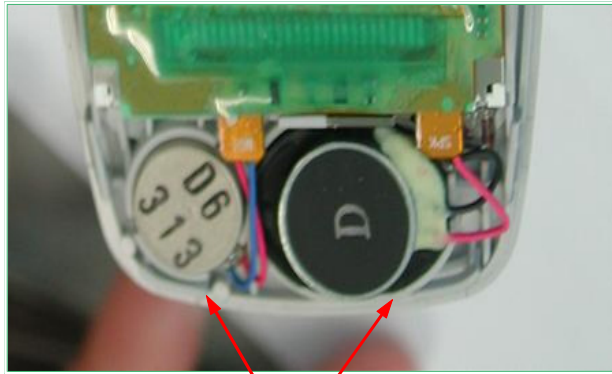
8



1)Remove Upper Cover

***Pay attention not to make a scratch and do not touch LCD**

9



Remove Motor & Speaker

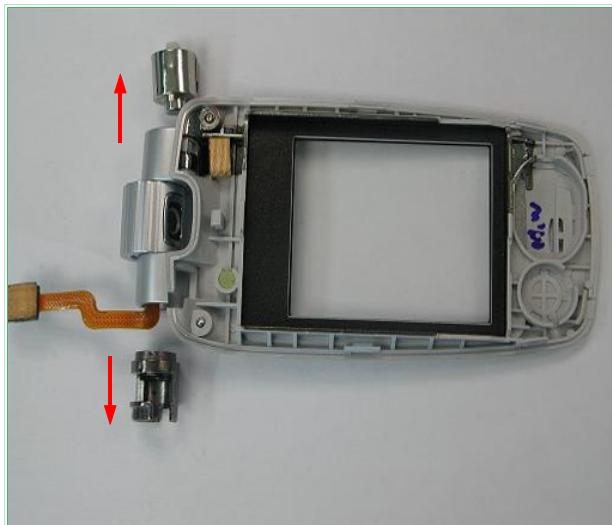
10



1) Take the motor & SPK out
***By using tweezers you can make it easily**

1) Take off LCD Assy' from Lower
*** Do not touch LCD pannel**

11



1) Remove both hinges toward arrow direction

12



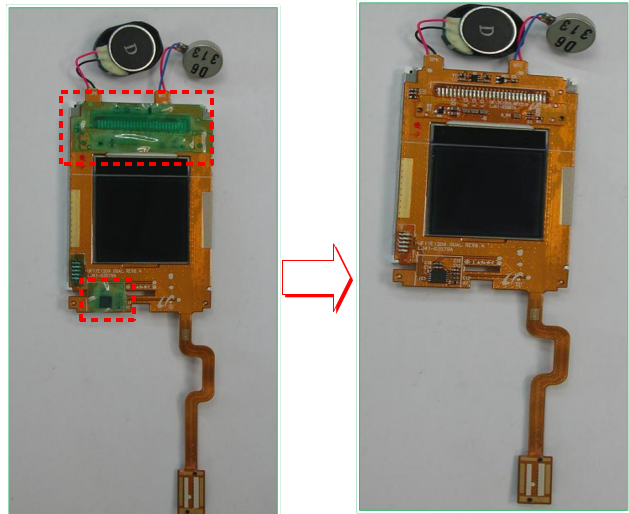
1) Pull out the Camera Module

13



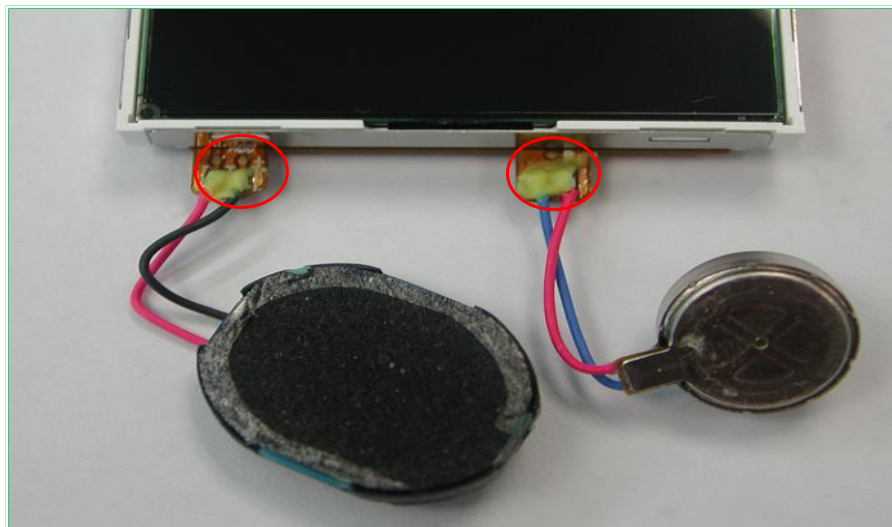
1)Take the motor & SPK out
*** By using tweezers you can make it easily**

14



1) Remove insulation tape

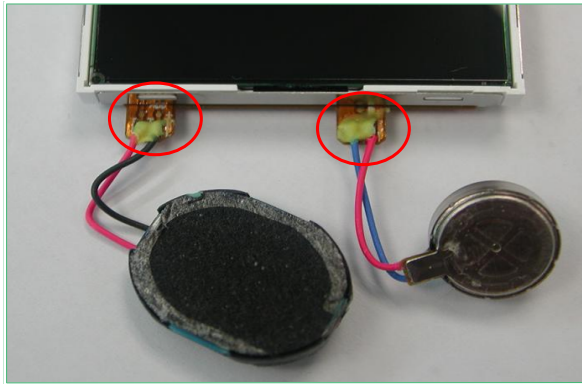
15



1) Remove speaker & motors using iron
***Be careful not to crack LCD pannel when you use iron.**

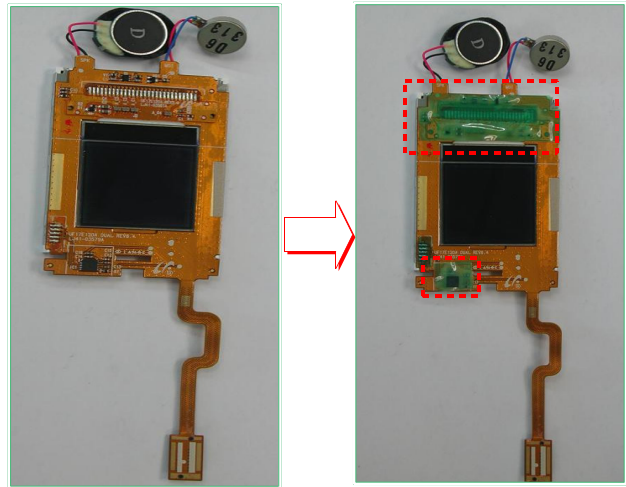
9-2. Assembly

1



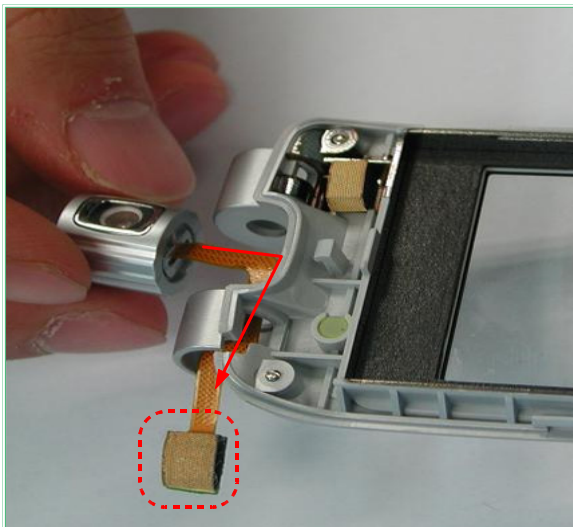
- 1) Solder the Motor& Speaker wire after positioning it on the PAD.
- 2) Bond the solder part
- * Take care of soldering carefully

2



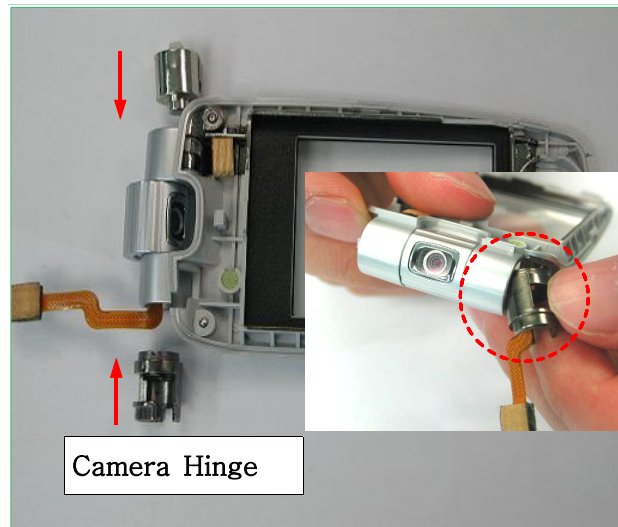
- 1)Attach insulation tape indicated position.**

3



- 1)Attach Gold Gasket on the camera connector
- 2)Insert Camera Module

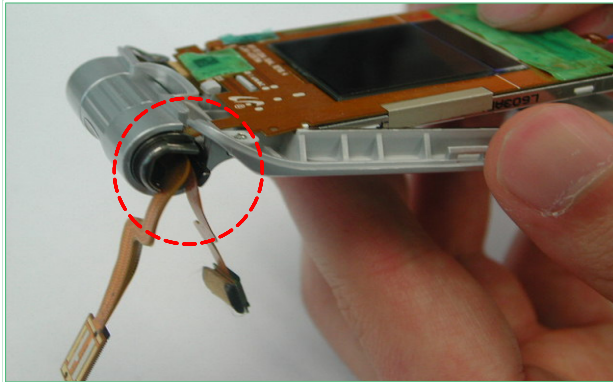
4



Camera Hinge

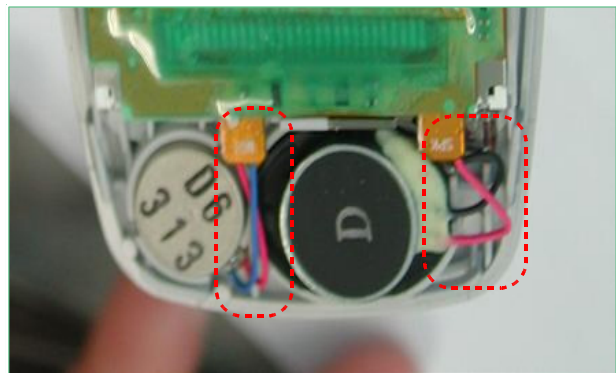
- 1)Insert hinge**
- 2)Insert Camera FPCB through camera hinge**

5



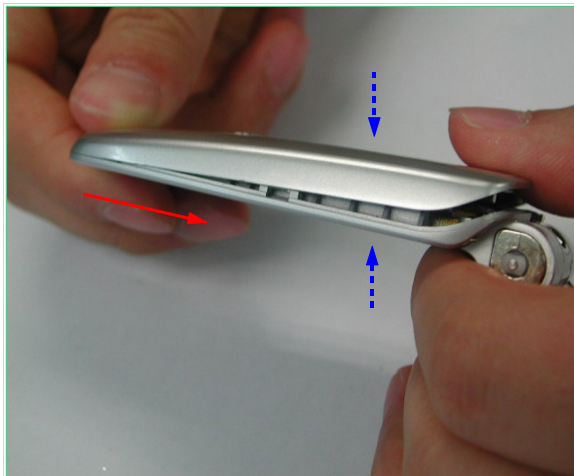
1) Insert LCD FPCB over the camera FPCB
***Pay attention not to touch LCD pannel**

6



1)Settle Speaker and Motor on the Lower carefully.
 *Be careful the wire not to hold under the motor and speaker

7



1)Push Upper toward arrow direction
 2)Push the Upper both side

8



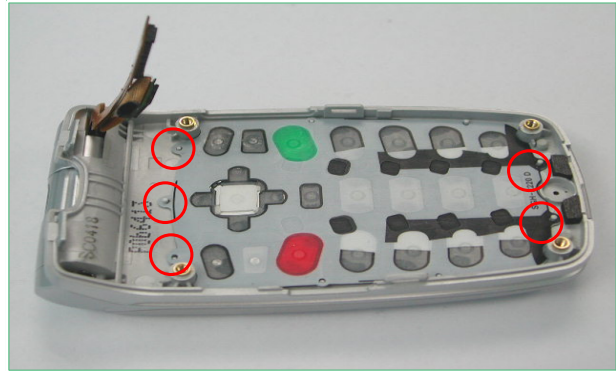
1)Revolve the camera forward and reverse until hearing "tick" sound.

9

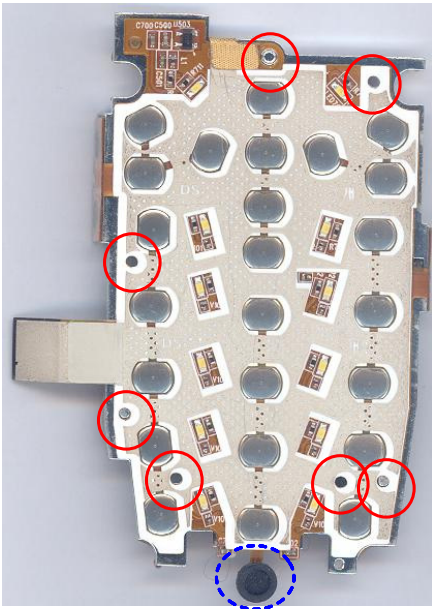


- 1) Insert CAM & LCD FPCB into the FPCB hole of the Lower
 - 2) Settle CAM hinge into the Lower CAM hinge Groove
- *Pay attention not to twist the FPCBs**

10

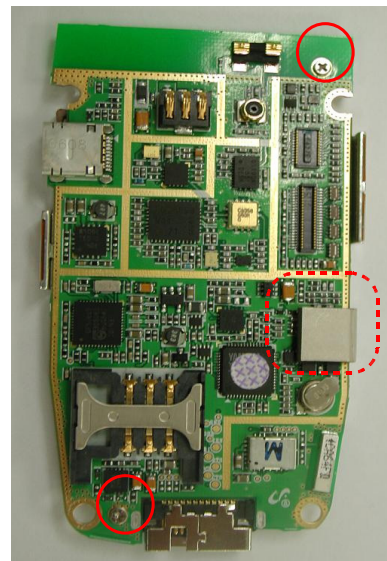


- 1) Check the guide hole for Keypad



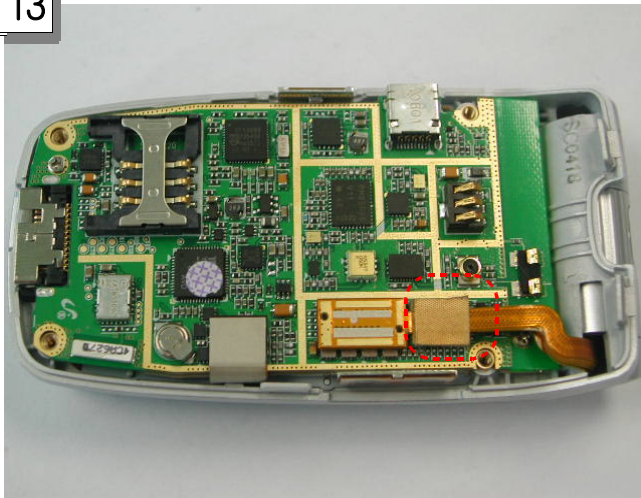
- 1) Check the guide holes for dome sheet
- *Be careful not to remove MIC cap.**

12



- 1) Insert Shield Can into PBA
 - 2) Connect Key Connector
 - 3) Screw down 2 points securely.
- *Make sure Shielding can completely contact to PBA ground.**

13



- 1) Insert PBA at the Folder ASSY'
- 2) Attached Goldgasket on the Camera Connector.

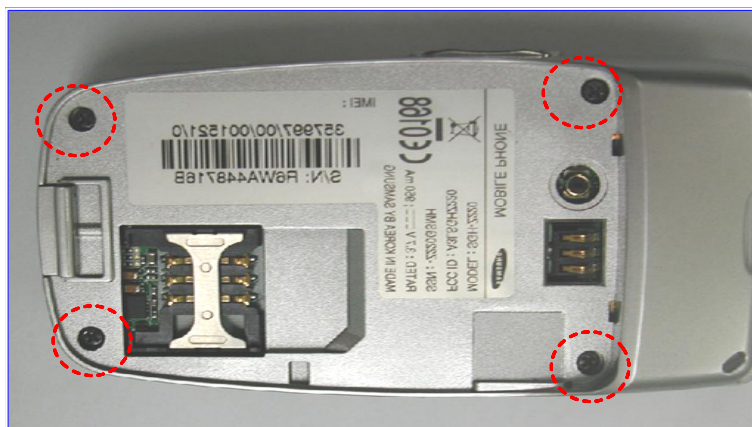
***Pay attention not to touch LCD pannel**

14



- 1) Fix the camera and side key
 - 2) After aligning REAR upper hook part with FRONT upper, hook part, cover REAR and assemble.
- To check the hook connected completely, push the upper part of REAR

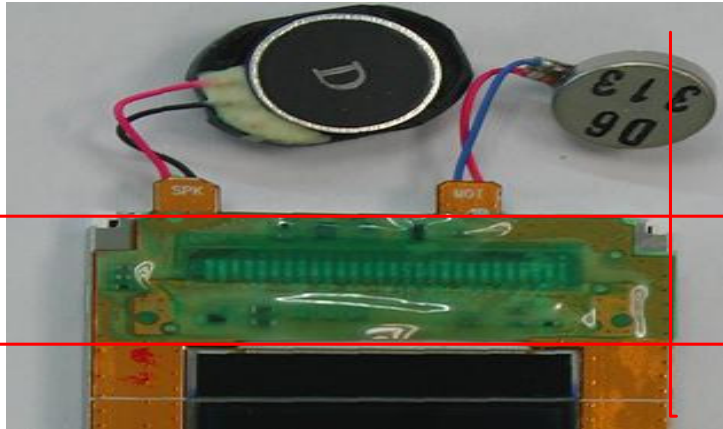
15



- 1) Screw down 4 points tightly.

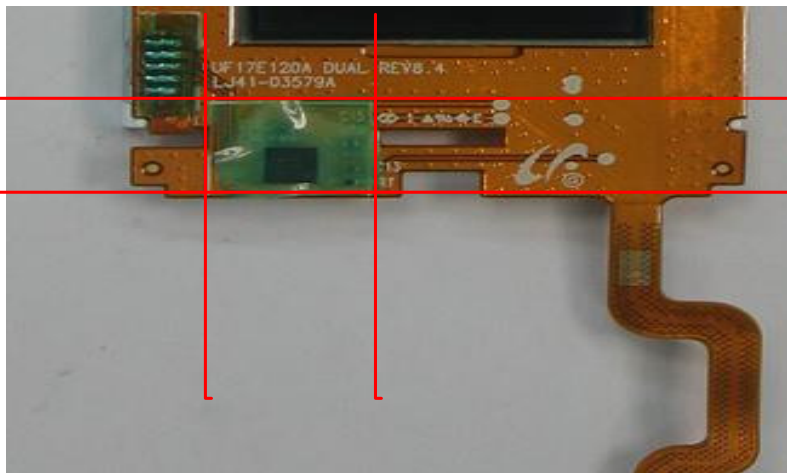
9-3. LCD KIT Assembly

1



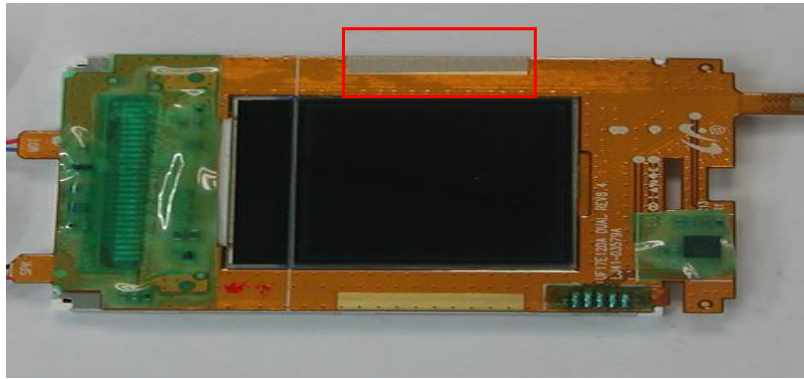
Discription	SEC CODE	SEC Design	Quantity
MPR-TAPE LCD BOT	GH74-23122A	35.7X13.3XT0.08	1

2



Discription	SEC CODE	SEC Design	Quantity
MPR-TAPE LCD TOP	GH74-23121A	9.2X8.1XT0.08	1

3



Discription	SEC CODE	SEC Design	Quantity
MPR-TAPE LCD	GH74-23120A	5.2X15XT0.08	1