

SAMSUNG

GSM TELEPHONE

GT-B7620(B7620U common)

SERVICE *Manual*

GSM TELEPHONE



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Design LOC			Description	SEC CODE
QAR01			AUDIO-RECEIVER	3009-001391
QBC00			ASSY COVER-BATT	GH98-13675A
QCA01			ASSY CAMERA-GT-B7620	GH96-04018A
QCA02			ASSY CAMERA-GT-B7620	GH96-04014A
QCR03			SCREW-MACHINE	6001-001811
QCR67			SCREW-MACHINE	6001-002083
QCR85			SCREW-MACHINE	6001-002097
QCR85			SCREW-MACHINE	6001-002097
QCR85			SCREW-MACHINE	6001-002097
QFR01			ASSY CASE-SLIDE FRONT	GH98-13629A
QFU01			ASSY CASE-SLIDE UPPER	GH98-13627A
QKP01			ASSY KEYPAD-MAIN(OPEN/ND)	GH98-13634A
QKP02			ASSY KEYPAD-SUB(OPEN/ND)	GH98-13633A
QLC01			ASSY LCD-B7620(AMOLED)	GH96-04027A
QME01			DOME SHEET-GT-B7620	GH59-07989A
QME02			KEY FPCB-SUB KEY PBA(GT-B7620)	GH59-08450A
QME03			TOUCH/PANEL-GT-B7620(TMO_BLK)	GH59-07998A
QMP01			A/S ASSY-GT-B7620 MAIN PBA SVC	GH82-04104A
QMP02			ASSY PBA SUB-GT-B7620	GH92-06624A
QPC01			ASSY ETC-SLIDE FPCB(GT-B7620)	GH59-07997A
QSH01			ASSY COVER-SHIELD CAN	GH98-13674A
QSP01			MODULE-SPEAKER+MOT (GT-B7620)	GH59-07987A
QST01			ASSY STYLUS PEN	GH98-15065A
QVK01			KEY FPCB-SIDE KEY (GT-B7620)	GH59-07991A
QVK02			KEY FPCB-CAM KEY (GT-B7620)	GH59-07996A
QFL01			ASSY CASE-SLIDE LOWER	GH98-13953A
	QCR97		SCREW-MACHINE	6001-002262
	QHI01		ASSY HINGE-SLIDE GTB7620	GH98-13631A
		QHI02	ASSY HINGE-ACTUATOR	GH98-14153A
QRE01			ASSY CASE-SLIDE REAR	GH98-13630A
	QCD01		NPR DECO-CAMERA 5MEGA	GH71-09099A
	QRF06		PMO COVER-USB	GH72-54545A
	QSD01		PMO COVER-SD	GH72-54546A
	QVO02		PMO DECO-KEY VOLUME	GH72-54550A
	QVO01		PMO KEY-VOLUME DOUBLE	GH72-54551A
	QCK02		PMO DECO-KEY CAMERA	GH72-54552A
	QCK01		PMO KEY-CAMERA DOUBLE	GH72-54553A
	QCK03		PMO KEY-GA_HOLD	GH72-54554A
	QCW01		PMO CASE-WIN CAMERA 5MEGA	GH72-54556A
	QAN02		ANTENNA-GT_B7620	GH42-02150A

6. MAIN Electrical Parts List

SEC CODE	Design LOC	Description
0401-001144	D401	SUD492H
0403-001547	D801	TDZ5.6
0404-001172	D301	RB520S-30
0406-001231	ZD704,ZD705,ZD706	DF2S5.6FS(TPL3)
0406-001231	ZD707	DF2S5.6FS(TPL3)
0406-001237	ZD802,ZD803	ESDALC6V1-5M6
0406-001254	ZD801	UCLAMP0501P
0406-001267	ZD708	RCLAMP0521P
0406-001369	U803	RCLAMP3654P.TCT
0504-001113	Q401	DTC144EM
0504-001138	Q801	DTA114EM
0505-001518	Q701	SI1012R
0505-002088	Q301	2SK3541
0601-002268	LED801,LED802,LED803	AEOWU-VOYY
0601-002268	LED804	AEOWU-VOYY
0801-003016	U301,U412,U707	NC7SV08L6X
0801-003065	U302	TC7SH04FS
0801-003130	U305	NC7SV17L6X
0801-003136	U708	NC7SZ126L6X
0801-003200	U310	NC7SZ00L6X
0801-003213	U410	TC7SG08AFS(TPL3)
0801-003265	U303	74AUP1G74GM
0902-002440	UAP601	SC36410A8N-A040
1001-001461	U309	NLAST9431
1001-001481	U702,U703,U706	FSUSB42UMX
1001-001580	U802	FSA9480UCX
1001-001612	U801	FSA223UMX
1003-002047	U407	ISA1000
1003-002185	U304,U307,U604	NLSV1T34AMX1TCG
1003-002234	U203	TWL1200ZQCR
1009-001035	U602	HED58XXU12
1201-002147	U603	OPA360AIDCKR
1201-002581	F202	ALM-1412
1201-002733	U503	MAX9877EWP
1201-002740	PAM101	TQM7M5012
1201-002888	U103	SKY77187

SEC CODE	Design LOC	Description
1201-002889	U104	SKY77186
1201-002890	U102	SKY77189
1203-002832	U405	R3111Q311C-TR
1203-004571	U701	RP150K002A-TR
1203-004776	U406,U411,U704	RP103K331D-TR
1203-004806	U501	RP100K281D-TR
1203-004818	U204	RP103K181D-TR
1203-004819	U413	RP103K281D-TR
1203-005434	U402	MAX8674EWN+
1203-005574	U601	RP103K121D-TR
1203-005667	U408	MAX8698EWO-T
1203-005690	U705	LP8720TLX-B
1203-005772	U409	MAX17040G-T
1203-005783	U401	MAX8845YETC
1204-003026	U201	SI4709-B-GMR
1205-003297	U101	RTR6285
1205-003467	U308	AAT4285IJS-3-T1
1205-003488	U502	AK4671EG
1205-003582	UCP301	MSM6290
1209-001823	U404	KXSD9-2042
1209-001872	U403	AK8973B
1404-001221	TH601	NCP15WB473J04RC
1405-001177	V601,V602,V603,V604	AVLC-5S-01-015
1405-001177	V605,V606	AVLC-5S-01-015
1405-001183	VR701,VR702,ZD501	AVLC5S01033
1405-001183	ZD502	AVLC5S01033
1405-001200	VR801,VR802,VR803	AVLC5S01100
1405-001200	VR804,VR805,VR806	AVLC5S01100
1405-001200	VR807,VR808,VR810	AVLC5S01100
1405-001200	VR811,VR813,VR817	AVLC5S01100
1405-001200	VR818	AVLC5S01100
2007-001119	R509,R515	RC1005J681CS
2007-001295	R623	RC1005J390CS
2007-001306	R431,R432	MCR01MZP5J151
2007-003014	R417	TSR16GJ244V
2007-007131	R407	RC1005F133CS

SEC CODE	Design LOC	Description
2007-007313	R504	RK73H1ETP6801F
2007-007317	R514	RK73H1ETP2201F
2007-007480	R406	RK73H1ETP1303F
2007-007528	R513	RK73H1ETP1501F
2007-007698	R403	RK73H1ETP5101F
2007-007741	R430,R501,R503,R505	M5534204B10E0R
2007-007942	R635,R637	RC-1005F105CS
2007-007943	R816	RK73H1ETP5603F
2007-008045	R301,R304,R305,R311	ERJ1GEJ101C
2007-008045	R321,R323,R329,R334	ERJ1GEJ101C
2007-008045	R335,R336,R337,R436	ERJ1GEJ101C
2007-008045	R438,R614,R615,R616	ERJ1GEJ101C
2007-008045	R617,R618,R619,R620	ERJ1GEJ101C
2007-008045	R645,R646,R704,R705	ERJ1GEJ101C
2007-008045	R713,R717,R813,R817	ERJ1GEJ101C
2007-008045	R818	ERJ1GEJ101C
2007-008047	C190,C191	RK73B1HTTB181J
2007-008049	R310	MCR006YZPJ202
2007-008052	R413,R414,R502,R613	ERJ1GENJ472X
2007-008052	R621,R622,R631,R632	ERJ1GENJ472X
2007-008052	R638,R639	ERJ1GENJ472X
2007-008055	R208,R313,R316,R325	ERJ1GENJ104X
2007-008055	R404,R405,R420,R421	ERJ1GENJ104X
2007-008055	R423,R428,R437,R603	ERJ1GENJ104X
2007-008055	R604,R605,R606,R607	ERJ1GENJ104X
2007-008055	R608,R609,R610,R611	ERJ1GENJ104X
2007-008055	R612,R640,R644,R707	ERJ1GENJ104X
2007-008055	R716,R732	ERJ1GENJ104X
2007-008057	R625	MCR006YZPJ151
2007-008263	R409	ERJ2RKF3001X
2007-008354	R425	ERJ2RKF224X
2007-008419	R105,R113,R114,R115	ERJ1GEJ102C
2007-008419	R116,R401,R649	ERJ1GEJ102C
2007-008420	R326,R328	RMC-1/20-330JPA
2007-008483	R339,R706,R803,R804	RMC1/20473JPA
2007-008483	R805,R806,R807	RMC1/20473JPA

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2007-008516	R202,R302,R306,R307	ERJ1GEJ103C
2007-008516	R312,R419,R426,R427	ERJ1GEJ103C
2007-008516	R642,R815	ERJ1GEJ103C
2007-008531	R118,R809,R810,R811	MCR006MZPJ0100
2007-008531	R812	MCR006MZPJ0100
2007-008579	C192,C193	RMC1/20221JPA
2007-008588	R433,R434	MCR006YZPJ222
2007-008647	R801	RMC1/20K123JTP
2007-008766	R322	ERJ2RKF6041X
2007-008774	R119,R718,R719,R720	ERJ1GEJ2R2C
2007-008774	R721,R722,R723,R724	ERJ1GEJ2R2C
2007-008774	R725	ERJ1GEJ2R2C
2007-008798	R633,R634	MCR006YZPJ153
2007-008806	R327	RC0603J510CS
2007-009084	R319,R435	MCR006YZPJ105
2007-009115	C189,R314	RC0603J240CS
2007-009154	R519,R520	RMC1/20-120JTP
2007-009155	R415,R416,R708	MCR006YZPJ474
2007-009157	R318,R429,R624,R626	MCR006YZPF1003
2007-009157	R629	MCR006YZPF1003
2007-009158	R402	MCR006MZPF1503
2007-009165	R107,R109,R110,R112	ERJ2RKF24R9X
2007-009168	R648,R802	MCR006MZPJ563
2007-009201	C184	MCR006YZPJ300
2007-009315	R711,R712	RC0603J4R7CS
2007-009361	R411	MCR006YZPJ304
2007-009402	R516	RC0603F152CS
2007-009408	R111	ERJ1GEF222C
2007-009420	R104	RK73H1HTTC1202F
2007-009766	R106,R108	RC0603J5R1CS
2007-009805	R205,R206	RC0603F510CS
2007-009807	R317	ERJ1GEF9102C
2007-009838	R412	RK73H1HTTC1203F
2007-009954	R418	MCR006YZPF6802
2007-009964	R636	MCR01MZP5F44R2
2007-009969	R410	MCR006YZPF1201

SEC CODE	Design LOC	Description
2007-010030	R630	MCR01MZP5F6491
2203-000233	C1010,C1011,C1018	GRP1555C1H101J
2203-000233	C1024,C206,C415,C426	GRP1555C1H101J
2203-000233	C803,R203,R207	GRP1555C1H101J
2203-000254	C454	GRP155R71C103K
2203-000278	C528	GRP1555C1H100D
2203-000359	C404	GRP1555C1H151JD01E
2203-000386	C628,C629	GRP1555C1H150J
2203-000679	C630,C631	GRP1555C1H270J
2203-000725	C441	GRP155R71H392KA01E
2203-000812	C519,C526	GRP1555C1H330J
2203-001017	C210,R103	GRP1555C1H4R0C
2203-001239	C730,C731	GRP1555C1H820JD01E
2203-001259	L118	GRP1555C1H8R0DZ01E
2203-002668	C1001	C1005CG1H0R5BT
2203-002709	C627	C1005Y5V1C104ZT
2203-005138	C632	04025C182KAT2A
2203-005234	L204	GRP1555C1H1R2CZ01E
2203-005281	C1019,C143,C146,C198	GRP1555C1H1R5BZ01E
2203-005288	C1020,C110	GRP1555C1H1R0BZ01E
2203-005444	C224	GRP1555C1H3R0B
2203-005446	C180	GRP1555C1H2R7BZ01E
2203-005682	C1012,C1013,C112	GRP0335C1E330JD01E
2203-005682	C113,C115,C126,C167	GRP0335C1E330JD01E
2203-005682	C181,C182,C334,C354	GRP0335C1E330JD01E
2203-005682	C533	GRP0335C1E330JD01E
2203-005717	C1006,C144,C199	GRP0335C1E270JD01E
2203-005719	C1005	GRP0335C1E390JD01E
2203-005725	C103,C107,C116,C117	GRP0335C1E220JD01E
2203-005725	C118,C129,C131,C132	GRP0335C1E220JD01E
2203-005725	C133,C142,C154,C159	GRP0335C1E220JD01E
2203-005729	C541,C542,C543,C544	CL03C150JAGC
2203-005732	C114,C121,C203,L125	GRP0335C1E680JD01E
2203-005734	C1016	GRM0335C1E820JD01D
2203-005736	C1022,C1023,C104	GRP0335C1E101JD01E

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2203-005736	C106,C120,C123,C124	GRP0335C1E101JD01E
2203-005736	C127,C140,C149,C161	GRP0335C1E101JD01E
2203-005736	C162,C168,C172,C195	GRP0335C1E101JD01E
2203-005736	C196	GRP0335C1E101JD01E
2203-005777	C156,C165	CL03C010CA3GNNC
2203-005792	L124	CL03C1R5CA3GNNC
2203-005806	C1008,C139,C150,C178	GRP033R71C102KD01E
2203-005806	C313,C315,C317,C328	GRP033R71C102KD01E
2203-005806	C330,C353	GRP033R71C102KD01E
2203-005968	C805	CL05B472KBNF
2203-006048	C806	GRM155R71A104K
2203-006120	C212,C505,C513	GRP033R71C221KD01E
2203-006137	C534,C535	CL05B223KONC
2203-006194	C301,C304,C307,C329	GRP033R70J103KA01E
2203-006194	C332,C333,C346,C349	GRP033R70J103KA01E
2203-006194	C514,C626	GRP033R70J103KA01E
2203-006260	C536,C537	GRM155R61A224KE19E
2203-006305	C204,C732,C733,C734	CM03CG100J25AH
2203-006305	C735	CM03CG100J25AH
2203-006324	C215	GRM188R61A225KE19D
2203-006379	C509	GRP033R70J472KA01
2203-006399	C302,C305,C308,C316	GRM155R60J105KE19D
2203-006399	C318,C319,C320,C322	GRM155R60J105KE19D
2203-006399	C347,C403,C406,C412	GRM155R60J105KE19D
2203-006399	C453,C455,C507,C508	GRM155R60J105KE19D
2203-006399	C622,C706	GRM155R60J105KE19D
2203-006423	C101,C102,C105,C108	GRM33X5R104K6.3
2203-006423	C125,C148,C153,C158	GRM33X5R104K6.3
2203-006423	C163,C303,C306,C309	GRM33X5R104K6.3
2203-006423	C312,C314,C321,C323	GRM33X5R104K6.3
2203-006423	C324,C325,C326,C331	GRM33X5R104K6.3
2203-006423	C335,C337,C338,C340	GRM33X5R104K6.3
2203-006423	C342,C345,C348,C350	GRM33X5R104K6.3
2203-006423	C351,C424,C425,C429	GRM33X5R104K6.3
2203-006423	C430,C431,C432,C442	GRM33X5R104K6.3

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2203-006423	C458,C460,C462,C501	GRM33X5R104K6.3
2203-006423	C504,C512,C529,C601	GRM33X5R104K6.3
2203-006423	C603,C604,C605,C606	GRM33X5R104K6.3
2203-006423	C607,C608,C609,C610	GRM33X5R104K6.3
2203-006423	C611,C612,C613,C614	GRM33X5R104K6.3
2203-006423	C615,C616,C617,C621	GRM33X5R104K6.3
2203-006423	C624,C625,C633,C634	GRM33X5R104K6.3
2203-006423	C701,C702,C703,C705	GRM33X5R104K6.3
2203-006423	C719	GRM33X5R104K6.3
2203-006462	C336	GRM033R60J333K
2203-006556	C176,C177,C310,C352	GRM0335C1E470JD01D
2203-006556	C531	GRM0335C1E470JD01D
2203-006562	C202,C420,C439,C443	CV05X5R105K10AH
2203-006562	C444,C445,C449,C450	CV05X5R105K10AH
2203-006562	C456,C457,C459,C461	CV05X5R105K10AH
2203-006562	C463,C525,C527,C530	CV05X5R105K10AH
2203-006562	C538,C539,C540,C801	CV05X5R105K10AH
2203-006562	C802	CV05X5R105K10AH
2203-006642	C1009,C151,C179	GRM033R71E331KA01D
2203-006665	C217	GRM0335C1E2R2CD01D
2203-006668	C327	GRM033R61A222K
2203-006674	L102,L103	CL03C3R3BA3GNNC
2203-006707	C532,L108,L109,L111	GRM0335C1E4R7C
2203-006707	L112	GRM0335C1E4R7C
2203-006824	C408,C433,C434,C435	CV105X5R475K10AT
2203-006824	C436,C437,C438	CV105X5R475K10AT
2203-006838	C219,C311,C451,C503	CL05A225KQ5NSNC
2203-006838	C511,C707	CL05A225KQ5NSNC
2203-006839	C201,C401,C618,C619	CL03A104KP3NNNC
2203-006839	C620,C635	CL03A104KP3NNNC
2203-006841	C213,C218,C222,C515	CV05X5R105K16AH
2203-006841	C517,C518,C520,C521	CV05X5R105K16AH
2203-006841	C522,C524	CV05X5R105K16AH
2203-006872	C417,C418,C419,C452	GRM155R60J225ME15D
2203-006872	C465	GRM155R60J225ME15D

SEC CODE	Design LOC	Description
2203-006896	C1025,C119,C155,C220	GRM033R71E121KA01D
2203-006979	C138,C160	CL03B103KP3NNNC
2203-007165	C164,C405,C416,C427	CL05A475KQ5NRNC
2203-007210	C502,C506,C510	CV03X5R224K06AH
2203-007270	C1007,C147,C175,C428	CL10A106KP8NNNC
2203-007270	C804	CL10A106KP8NNNC
2203-007271	C402,C407,C413	CL05A225KP5NSNC
2203-007279	C464,TA101	CV105X5R106M10AT
2203-007317	C447,C712	CV05X5R475M06AH
2203-007369	C211,C223,C440,C602	CL03A105KQ3CSNH
2203-007369	C708,C709,C710,C711	CL03A105KQ3CSNH
2203-007369	C713	CL03A105KQ3CSNH
2203-007393	C721	CL05A475KP5NRNC
2404-001339	TA301	TEESVJ1A475M8R
2404-001381	TA501	F981A106MMA
2404-001474	TA503,TA801	F951A476MPALZTQ2
2404-001557	TA502,TA504	TLCL336M006RTA
2703-001178	L127	LL1005-FH3N3S
2703-001733	L123	LL1005-FH8N2J
2703-001750	C183	LL1005-FH2N2S
2703-001751	L115	LL1005-FH3N9S
2703-002176	L126	CIH05T2N7SNC
2703-002198	L122	CIH05T10NJNC
2703-002200	C111	CIH05T18NJNC
2703-002203	C174	CIH05T15NJNC
2703-002208	C1017,L128,L129	CIH05T2N2SNC
2703-002267	L202	CIH05T4N7SNC
2703-002309	L407,L408	CIH05T82NJNC
2703-002314	L101	CIH05T47NJNC
2703-002544	L116	LQW15AN8N2H00D
2703-002708	C152	LQW15AN1N5C00D
2703-002793	L110	LQP03TN5N6J00D
2703-002795	C170,L104	LQP03TN22NG00D
2703-002842	L114	LLV0603-F2N2S
2703-002858	C187,L113,L117,L119	HK0603-4N7S-T

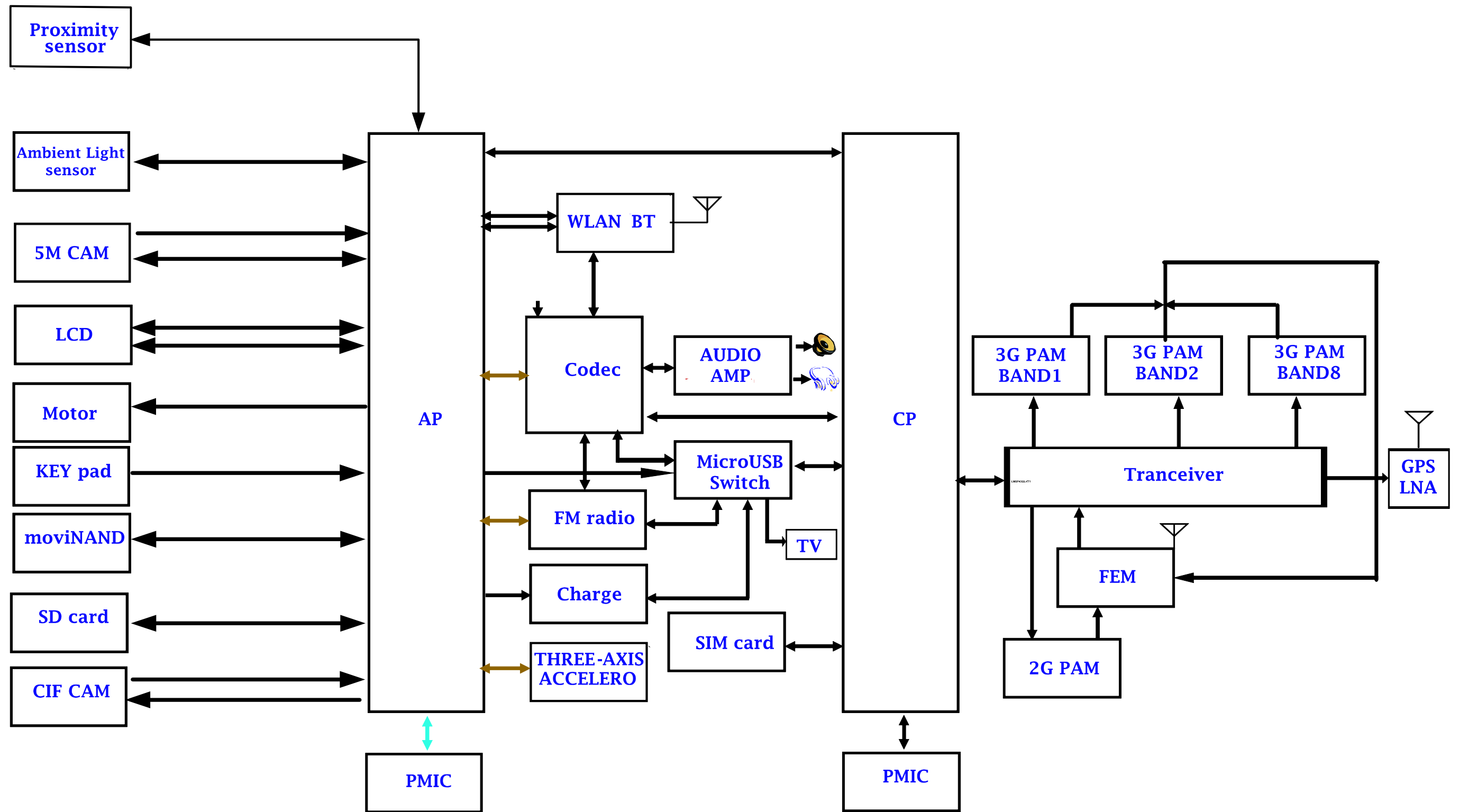
SEC CODE	Design LOC	Description
2703-002903	L120	LLV0603-F10NJ
2703-002907	C188,L206	LLV0603-F8N2J
2703-002917	C166	LQP03TN2N2B04D
2703-002955	L105,L106	MLG0603S33NJT
2703-002958	L107	CIH03T56NJNC
2703-002961	L807,L808,L810,L811	MLG0603SR10JT
2703-003005	C157,C169	LQP03TN2N4B04D
2703-003260	L401,L402,L403,L404	CIG21W2R2MNE
2703-003260	L405,L406	CIG21W2R2MNE
2703-003273	L701	LQM21PN2R2MC0D
2703-003534	L809	LQM21PNR47MC0D
2801-004340	OSC602	CX-101F(27MHZ)
2801-004543	OSC601	DSX321G(12MHZ,10PPM)
2804-001700	OSC302	SG-3040LC(32.768KHZ)
2804-001704	OSC603	SG-8002CESC(48MHZ,50PPM)
2804-001772	OSC201	SQ2O03840KEINC
2804-001796	OSC501	CSC3M192000EEVRS00
2809-001341	OSC301	TG-5005CE-33G-19.2MHZ
2901-001413	F701,F702,F703,F704	ICVE10184E070R101FR
2901-001413	F705,F706,F707	ICVE10184E070R101FR
2901-001469	F709,F710	AVRC-18S-03Q-007-010R
2904-001739	F104	FAR-F6KA-1G8800-L4AFH
2904-001759	F201	FAR-F6KA-1G5754-L4AAHZ
2904-001785	F102	FAR-F5KA-897M50-D4DCHZ
2904-001789	F106	FAR-F6KA-1G9500-D4DGHZ
2904-001864	F101	SAFEB2G14FB0F00
2910-000065	F103	SAYFP897MCA0B00
2910-000070	F107	SAYFP1G95AA0B00
2910-000073	F105	ACMD-7407-SG1
2911-000128	MOD101	LMSP43QL-771
3301-001342	L601	ACZ1005M-152-T
3301-001729	L201	BLM15AG102SN1D
3301-001756	L203,L301,L501	BLM15HG102SN1D
3301-001778	L801,L802,L803,L804	BLM03AG241SN1D
3301-001778	L805,L806	BLM03AG241SN1D

SEC CODE	Design LOC	Description
3301-001789	L208,L209	BLM15EG121SN1D
3301-001971	L702,L703,L704,L705	BLM03AG102SN1D
3301-001971	L812,L813,L814	BLM03AG102SN1D
3404-001303	TAC_HOLD,TAC_WnL	LS12K2-T
3705-001503	RFS101	KMS-560
3709-001552	T/SIM801	SCHG1B0102-DIP
3711-006808	BTC801	KQ03SB1-3R
3711-006865	HEA702	AXT634124AW1
3711-007073	SOC100	AXT680124AW1
3711-007172	HEA501,HEA601	AXE610124
3711-007173	HEA602	AXE612124
3722-002840	IFC801	HY07-AB0700
4202-001463	ANT203	ODBTP3015
4302-001237	BAT401	ML414RU-TT49-TP1S
4709-001758	U202	SWB-T30
GH71-08731A	ANT101,ANT102,ANT201	HJ-ICT-05
GH71-08731A	ANT202	HJ-ICT-05
RES-Z0603-SH	R308,R309,R320,R331	ORT-P RES-Z0603-SHORT-P
RES-Z0603-SH	R408,R424,R439,R647	ORT-P RES-Z0603-SHORT-P
RES-Z1005-SH	R517,R518	ORT-P RES-Z1005-SHORT-P

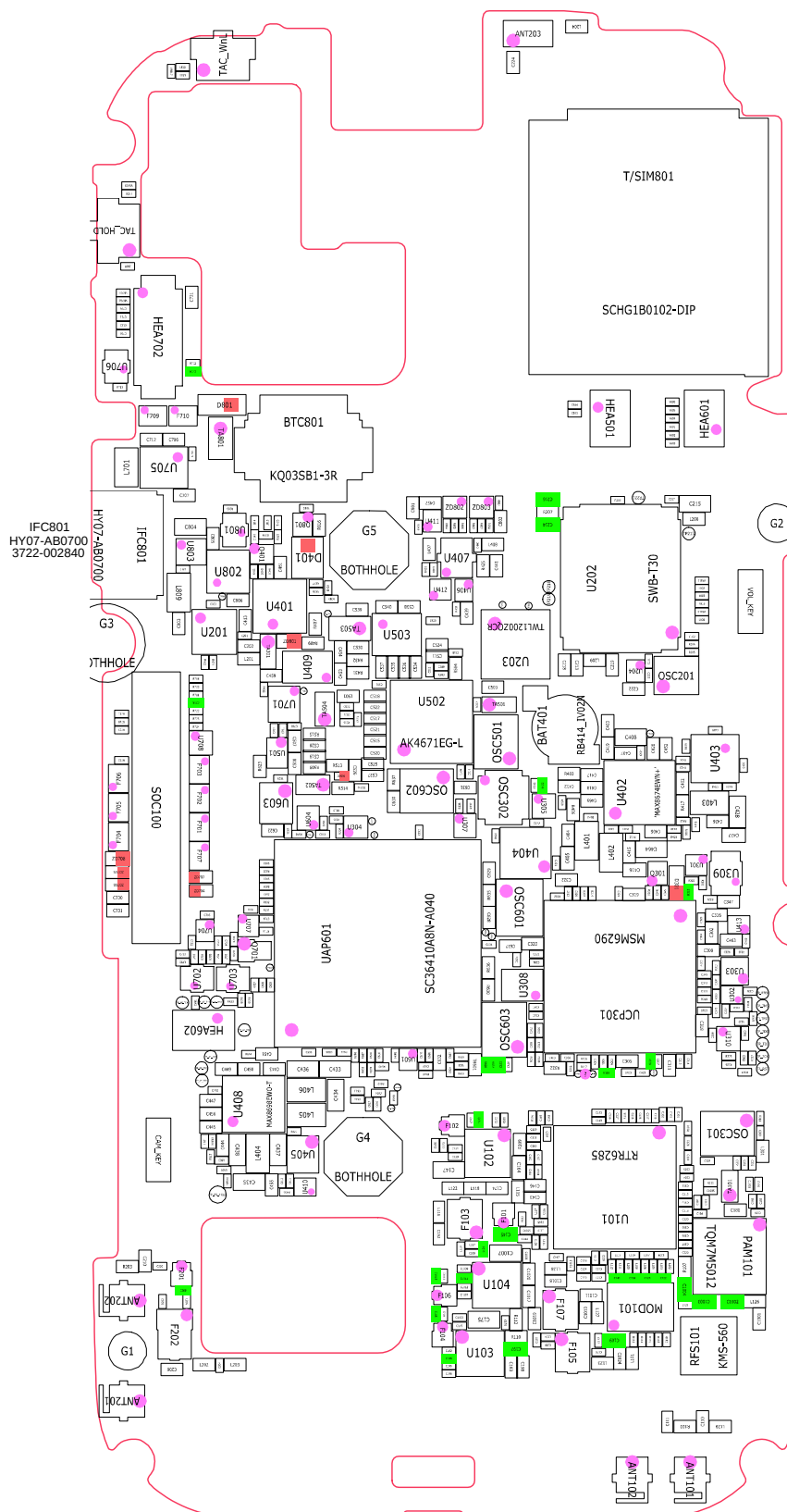
Please consult the GSPN website (Samsung Portal) for the most recent version of the product's part list.

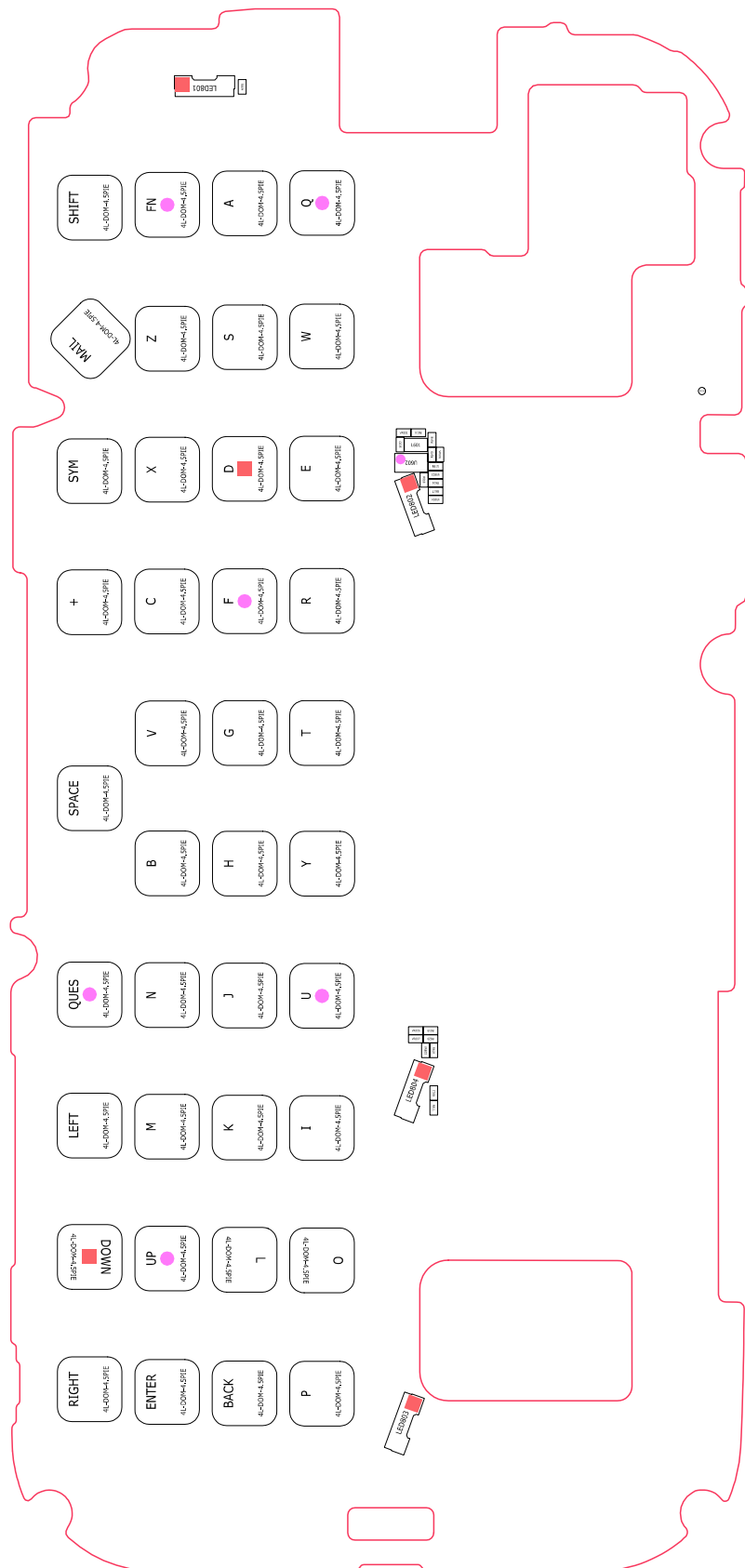
7. Block Diagrams

7-1. Main Block Diagram



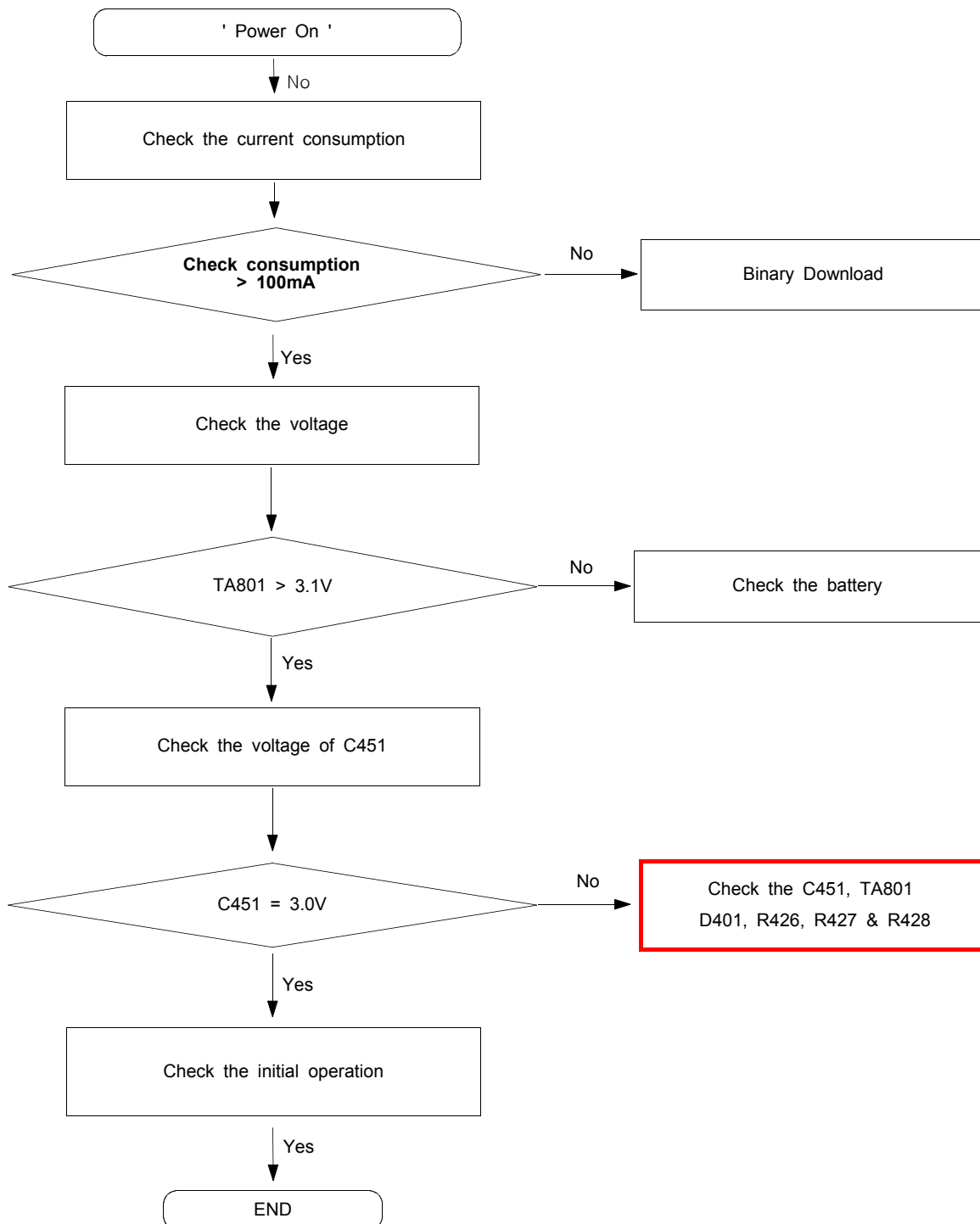
8. PCB Diagrams

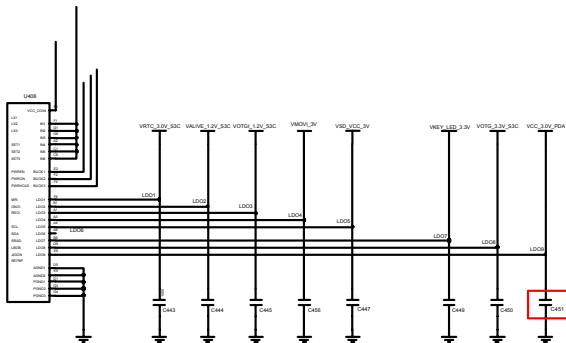
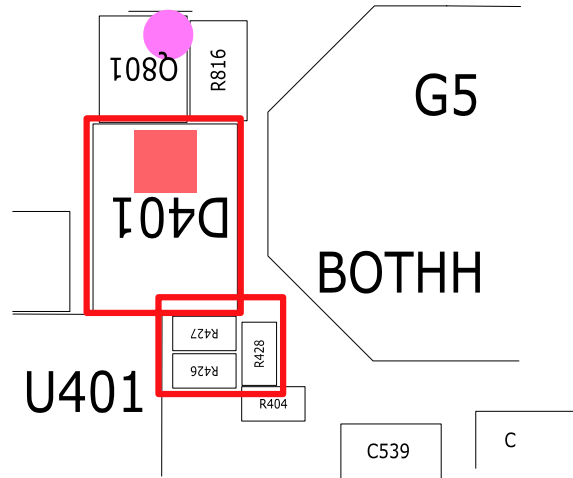
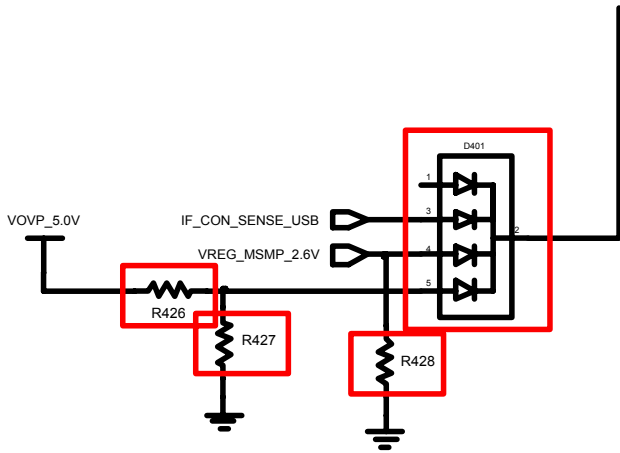
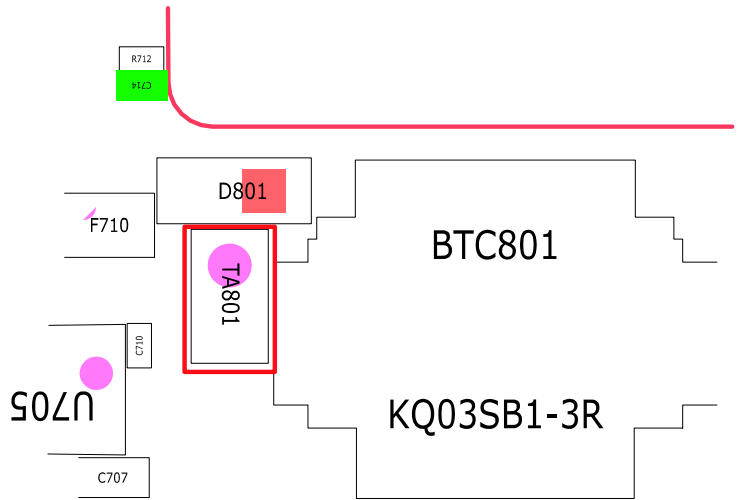
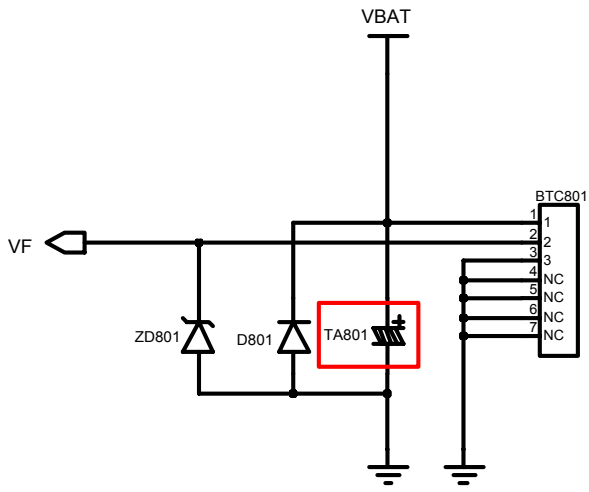




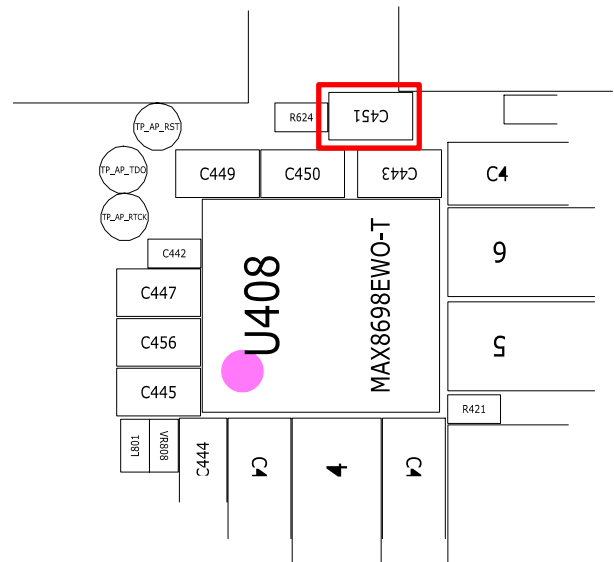
9. Flow Chart of TroubleShooting

9-1. Power On

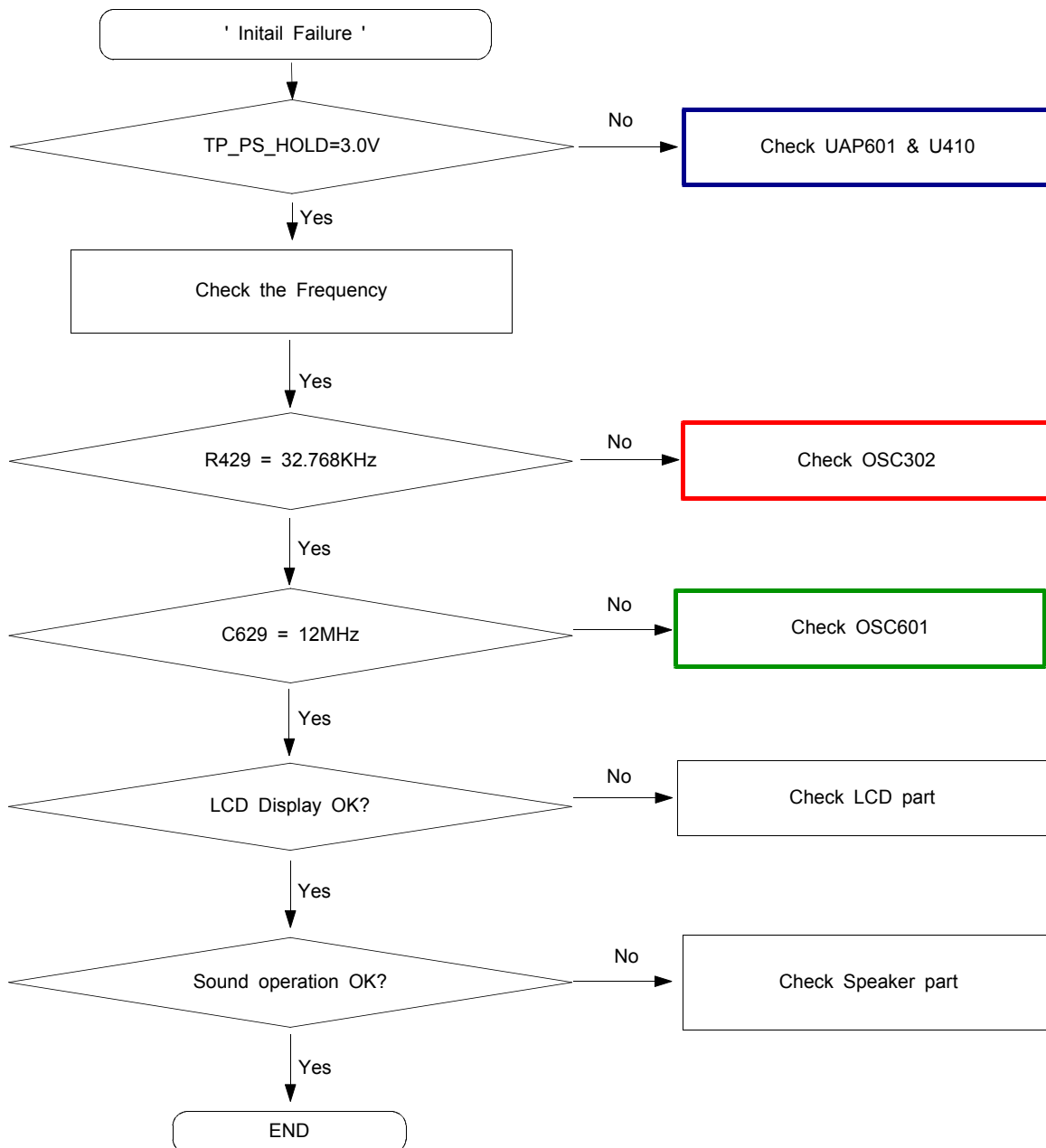


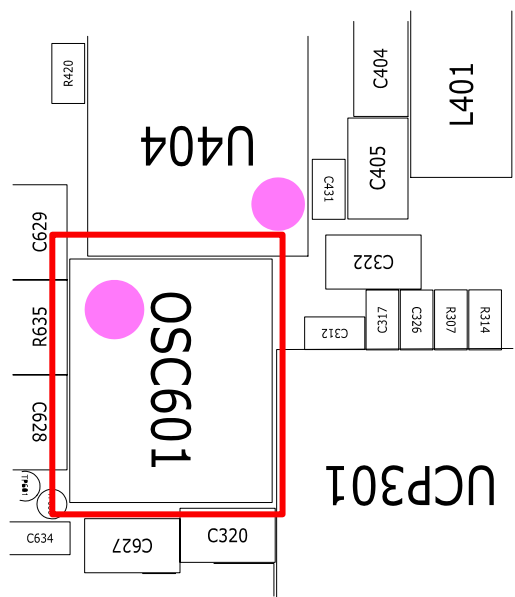
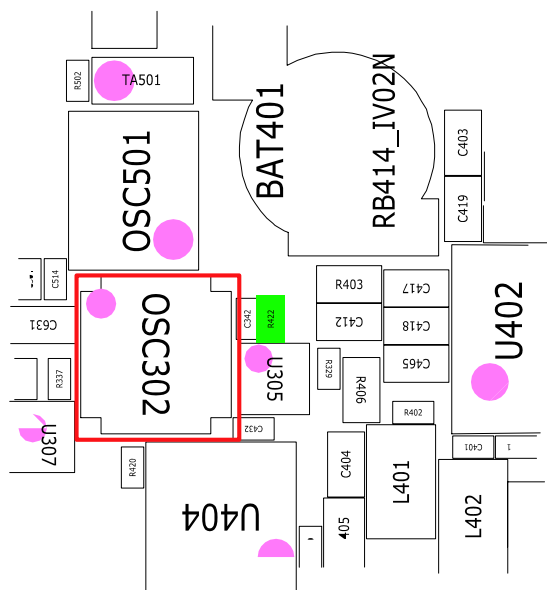


AP_IN_RST_N
VBATONE_EN

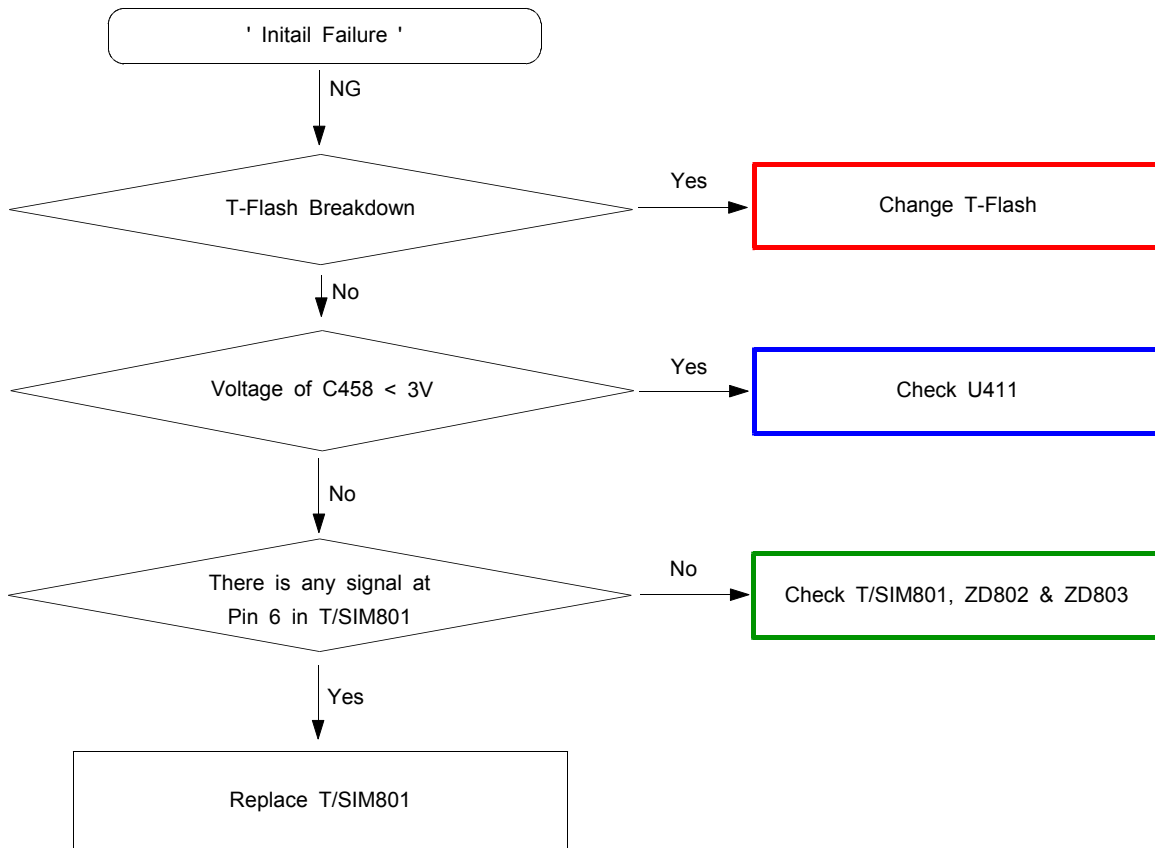


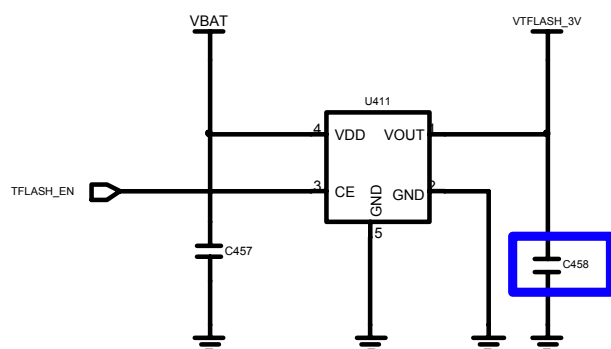
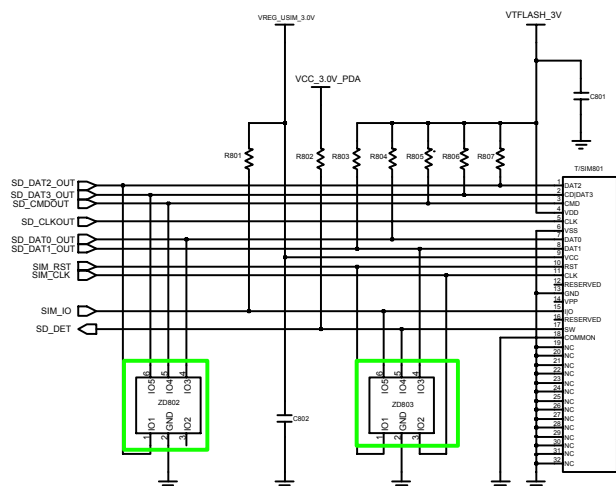
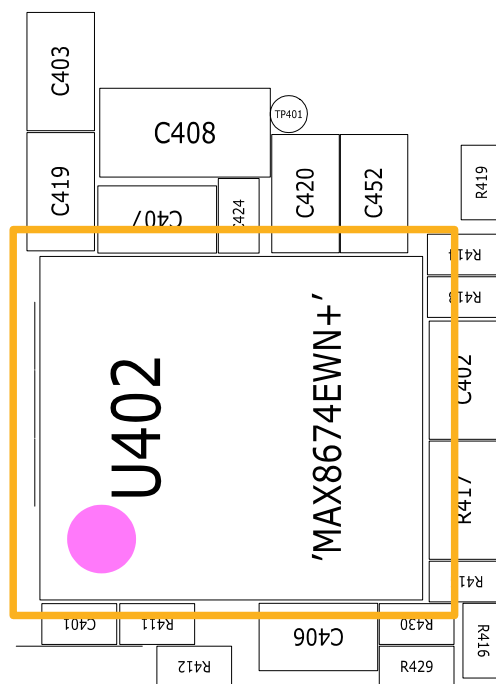
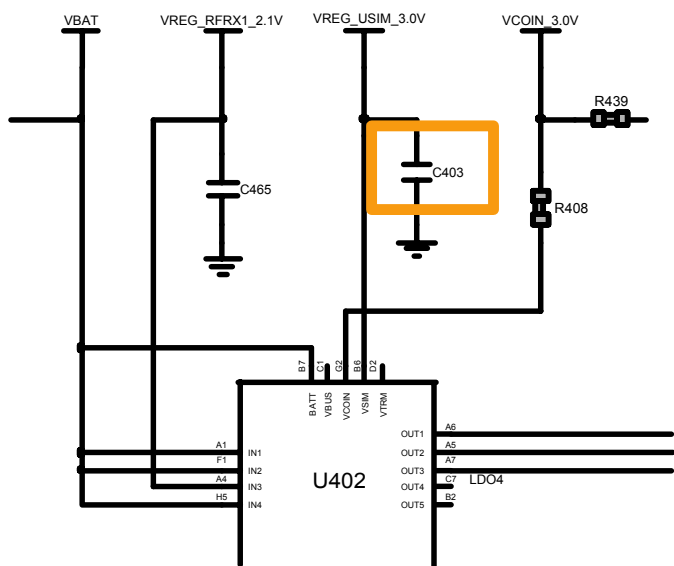
9-2. initial



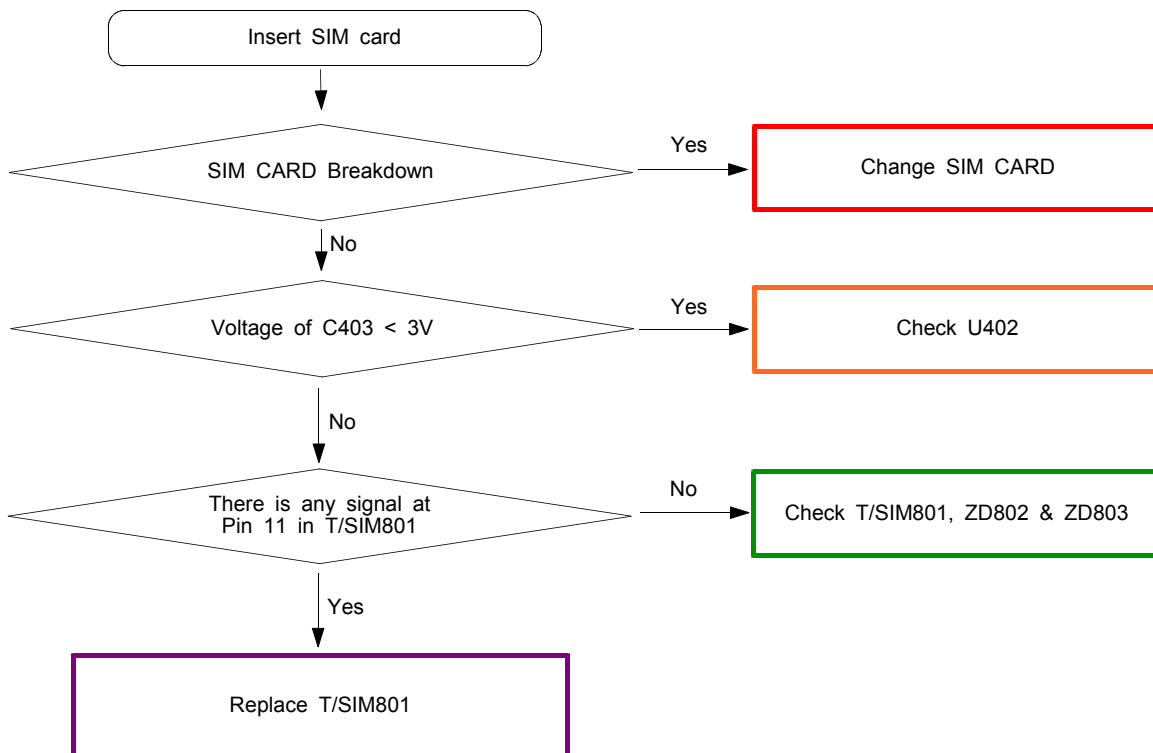


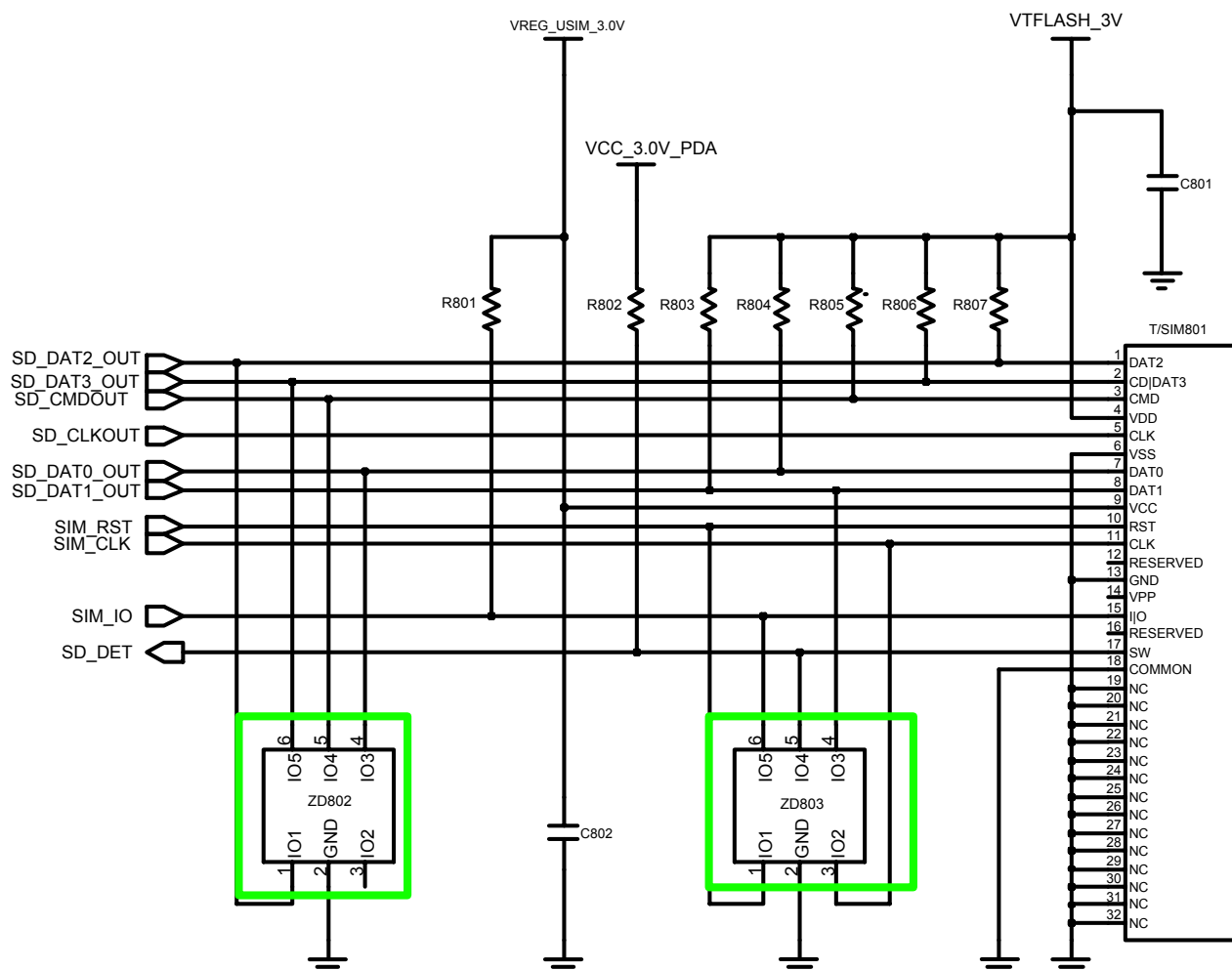
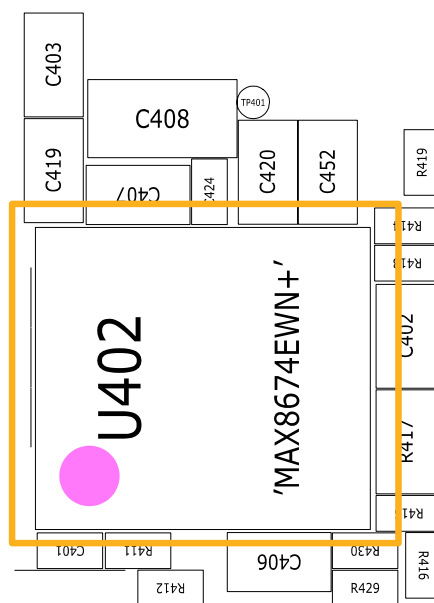
9-3. T-flash



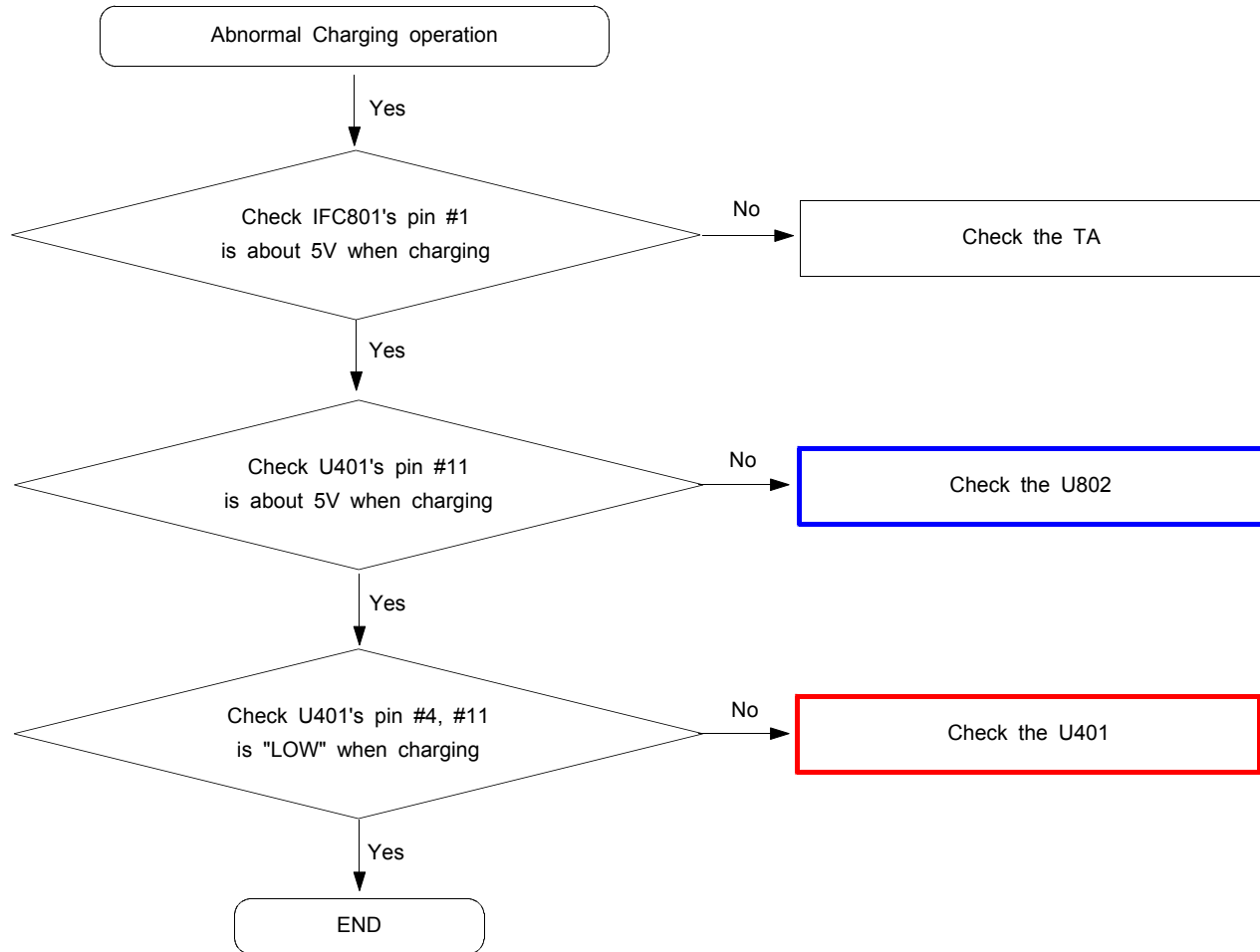


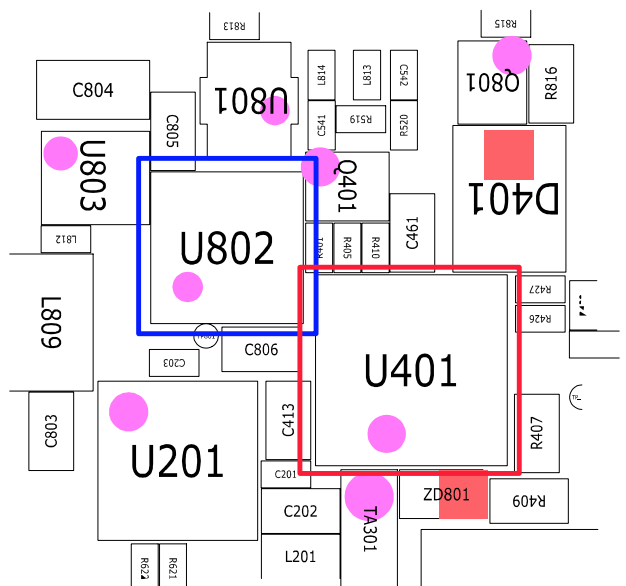
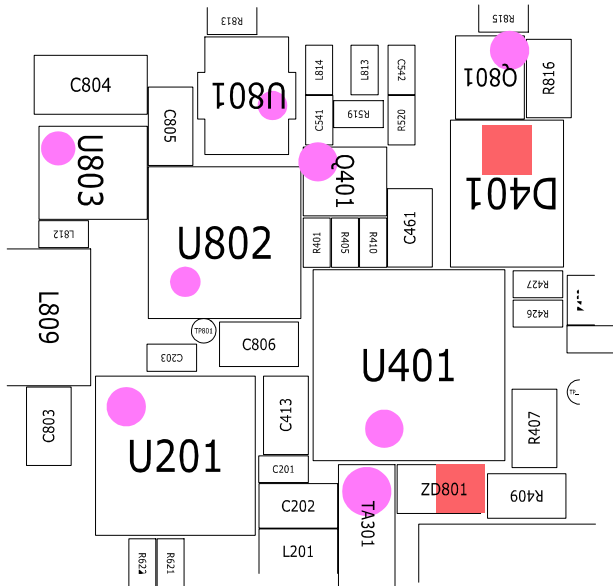
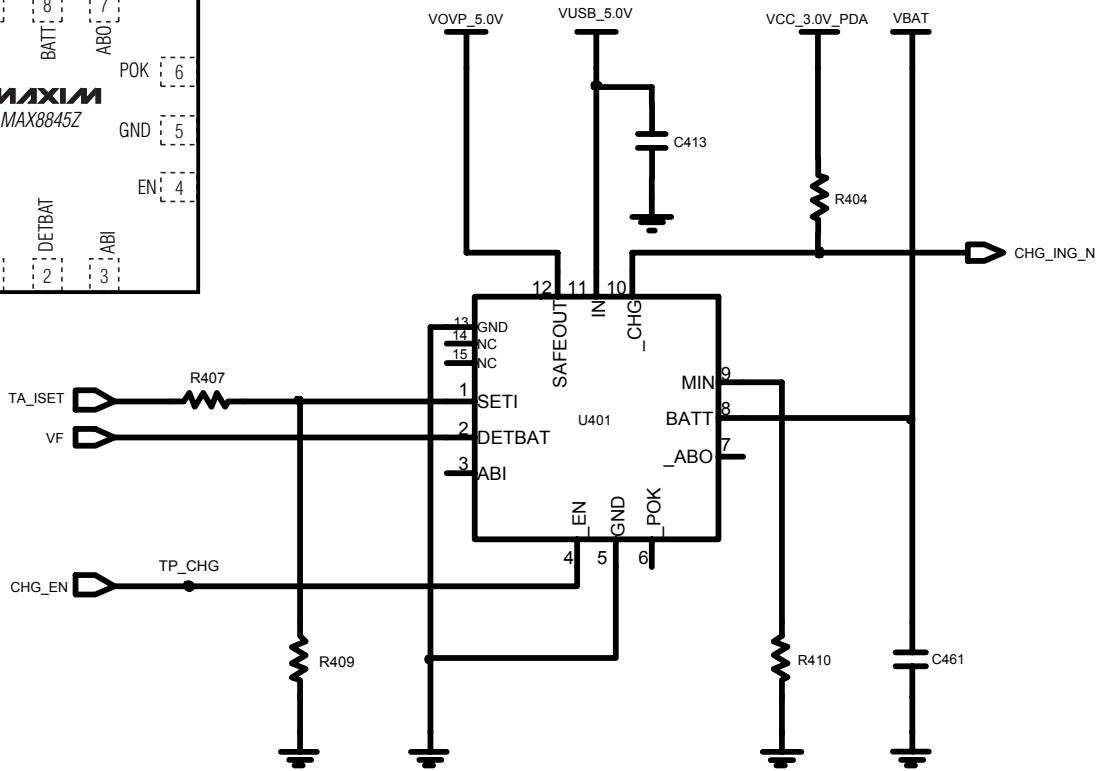
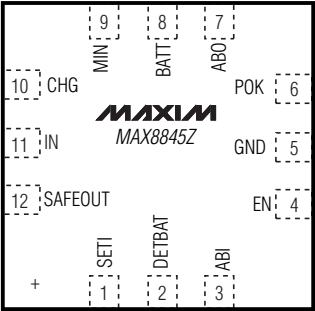
9-4. SIM



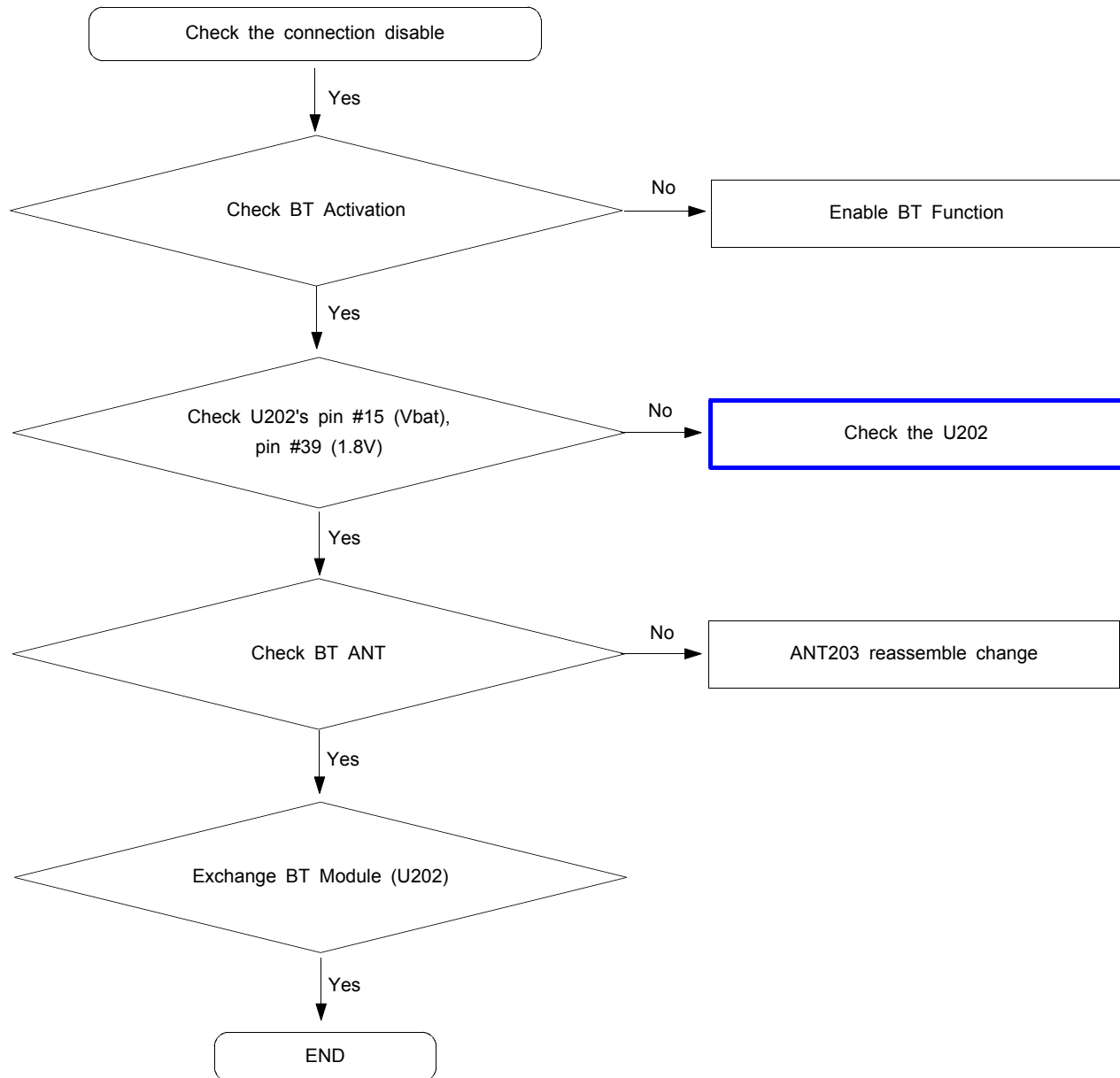


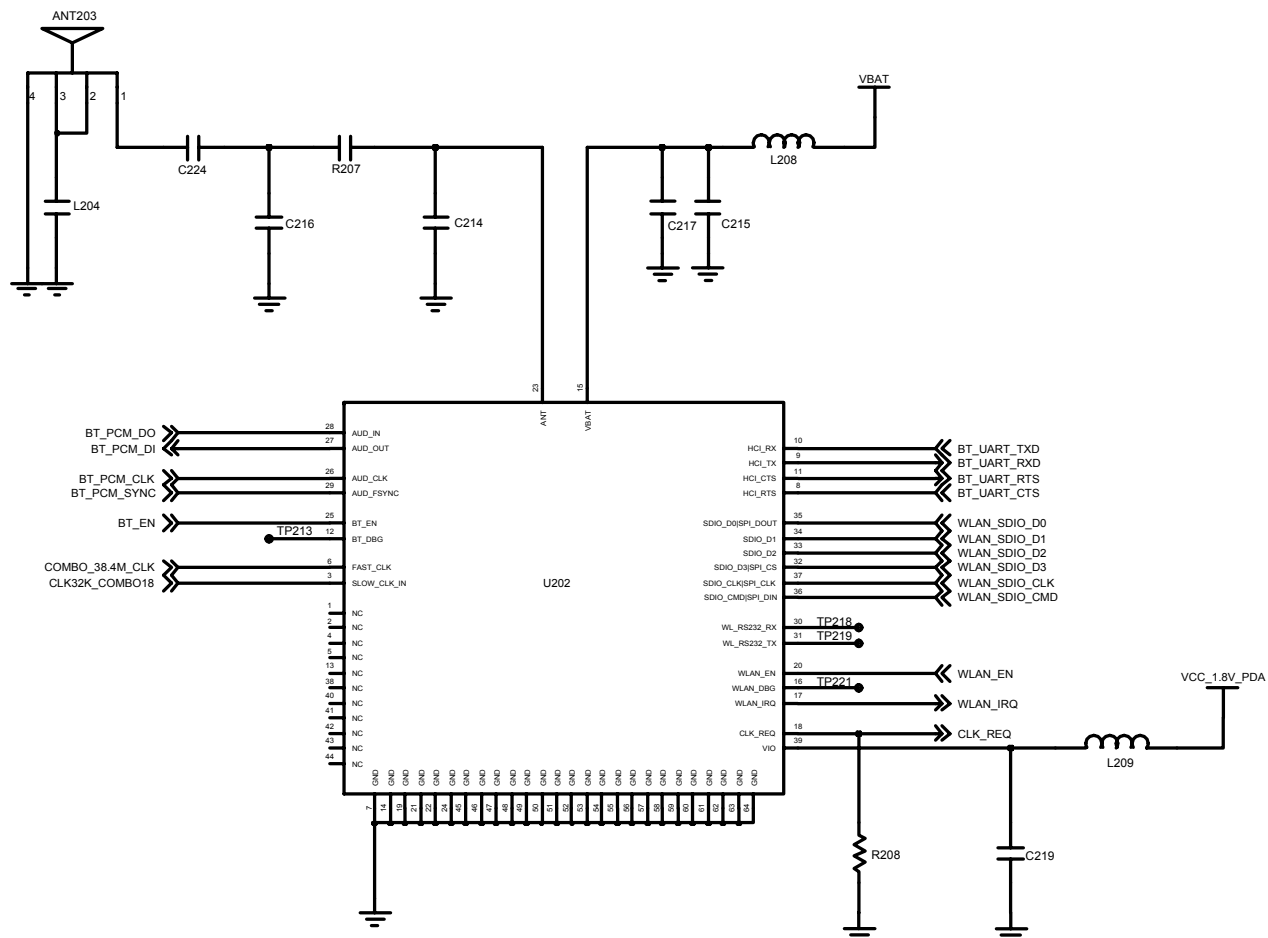
9-5. Charging

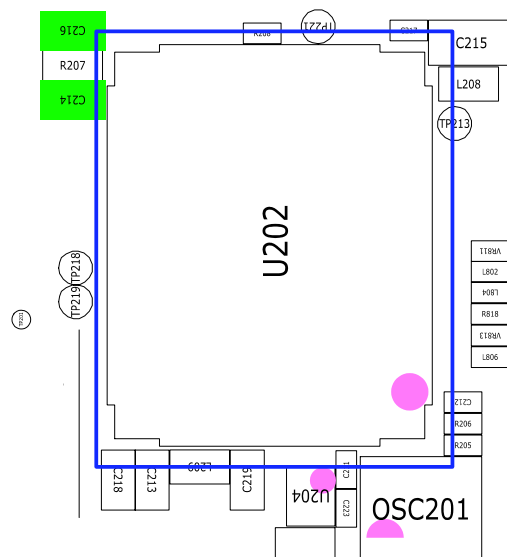




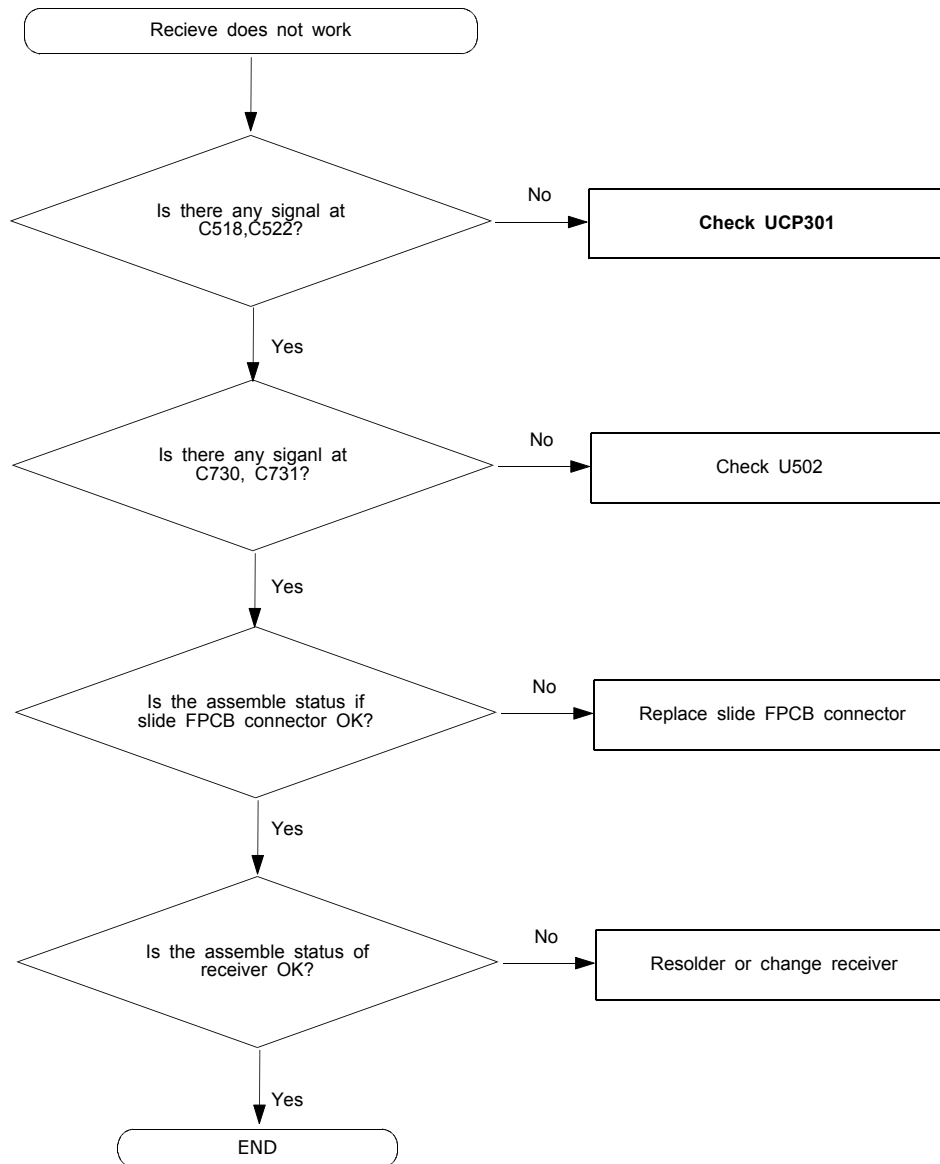
9-6. Bluetooth

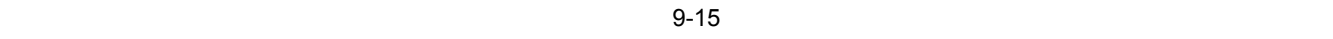




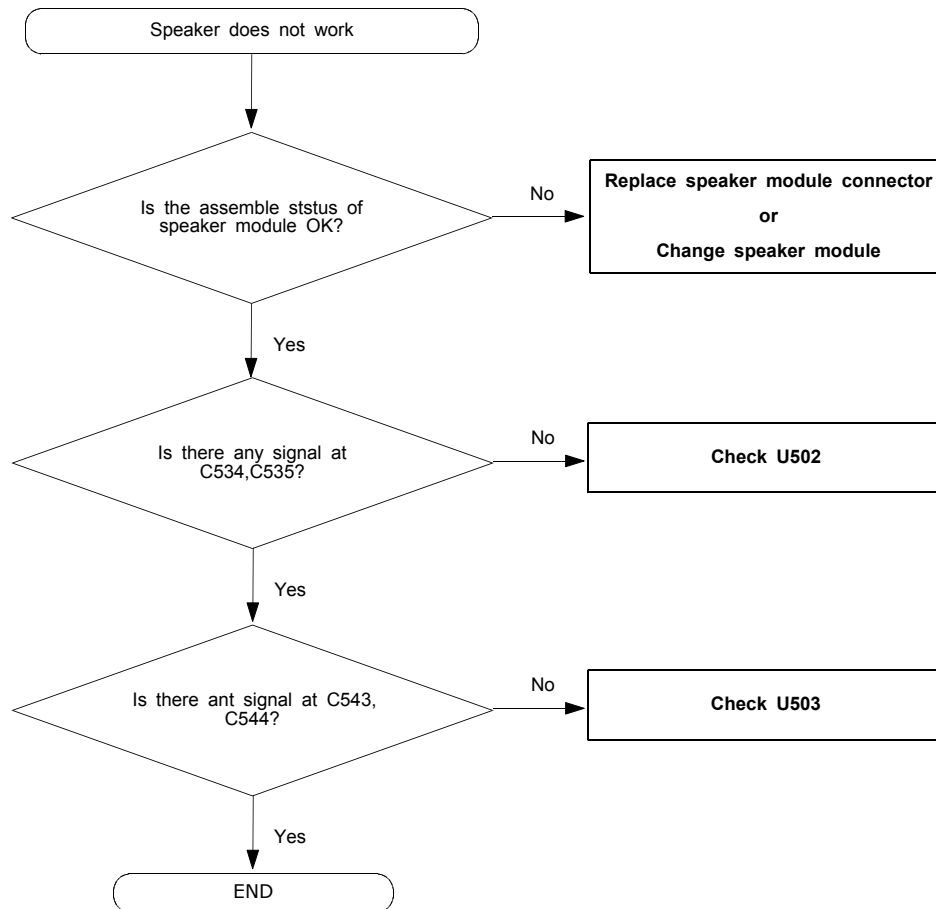


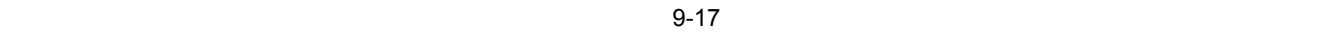
9-7. RECEIVER Working



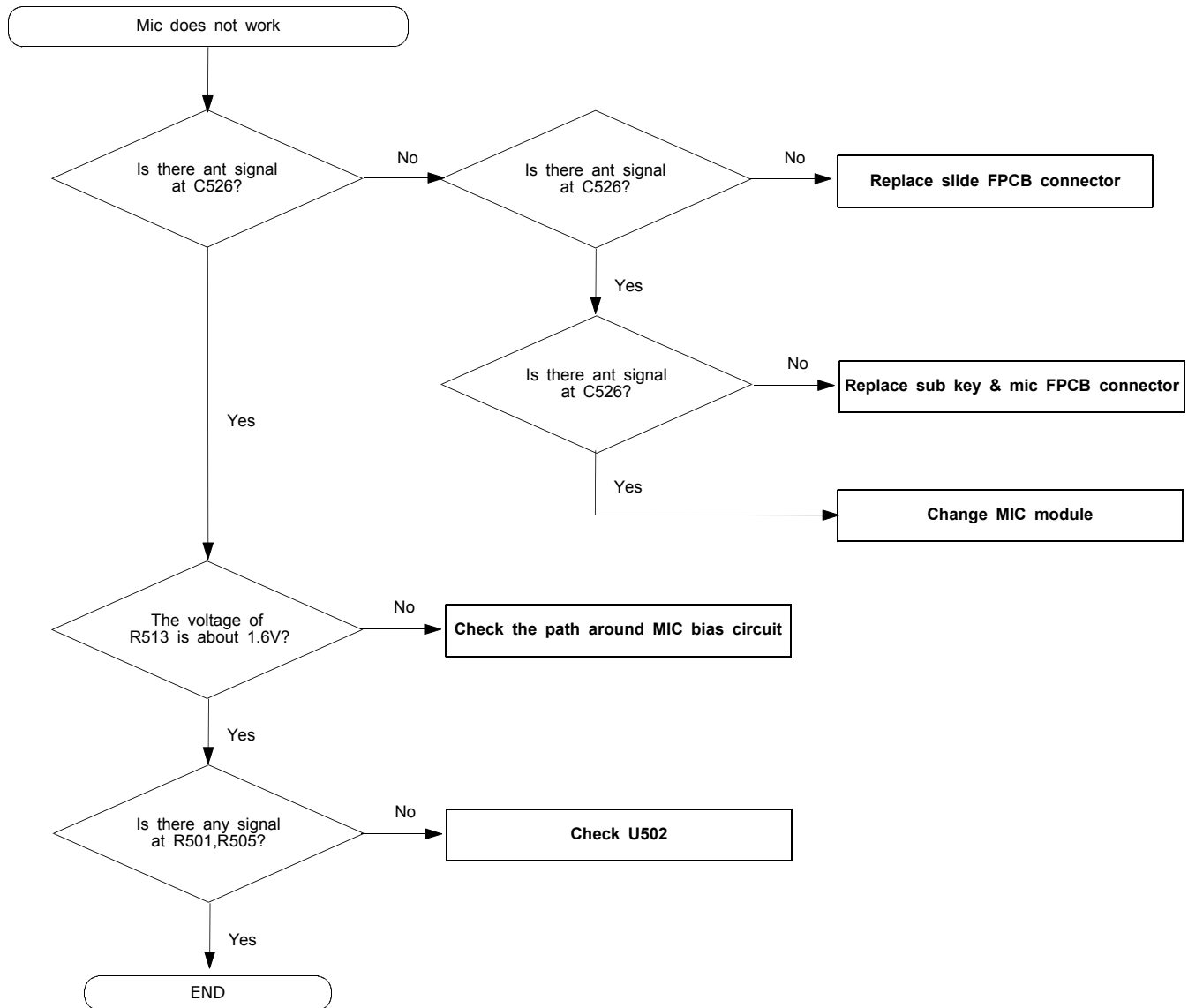


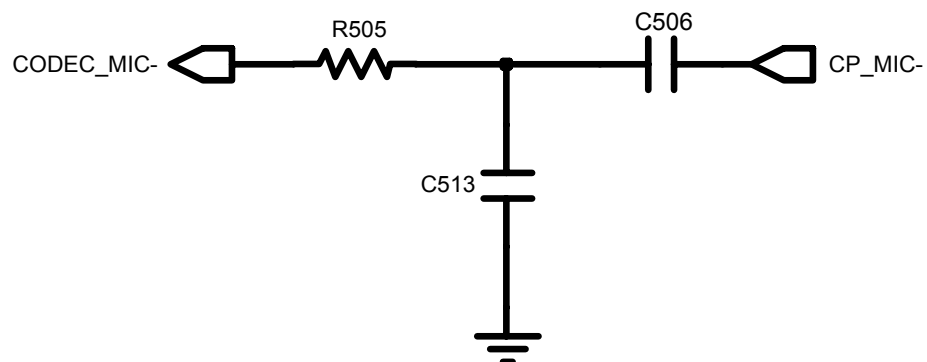
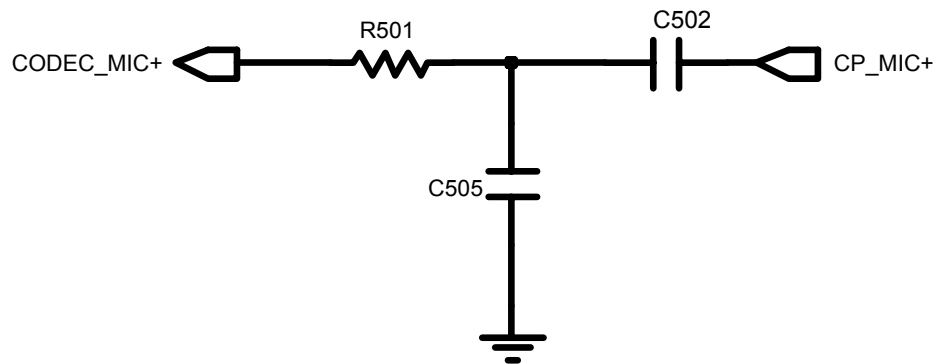
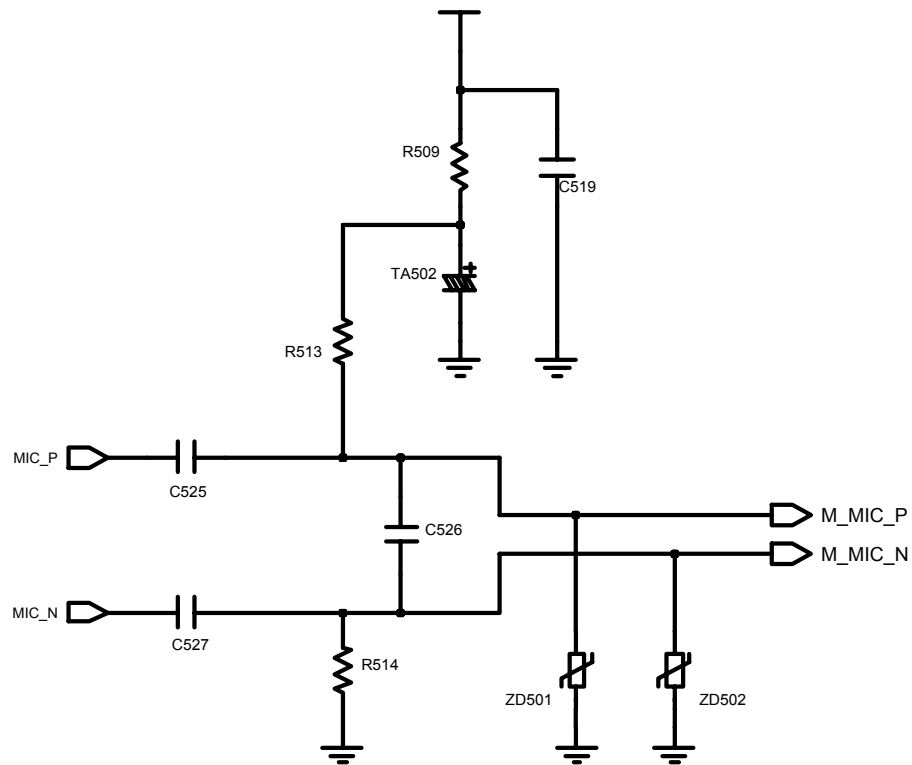
9-8. SPEAKER Working



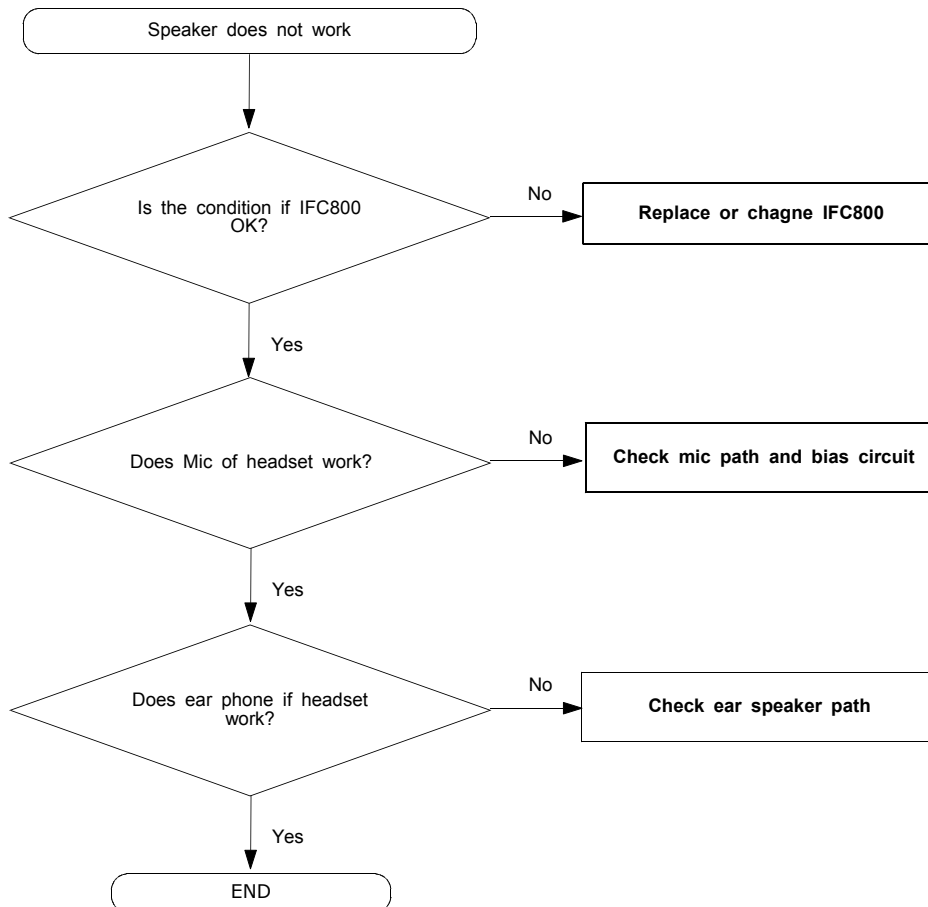


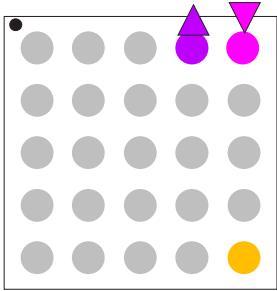
9-9. MIC Working



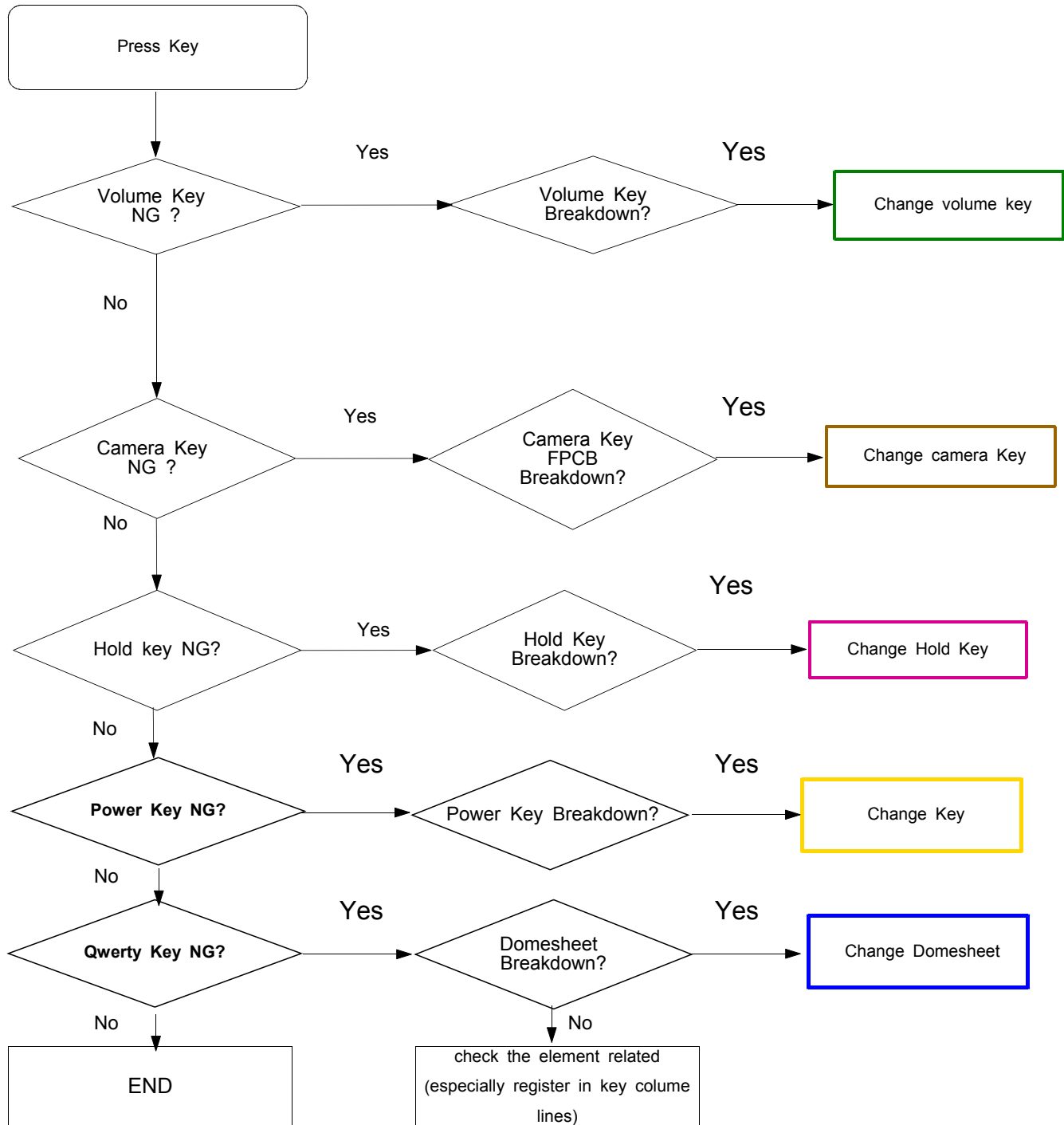


9-10. Earphone

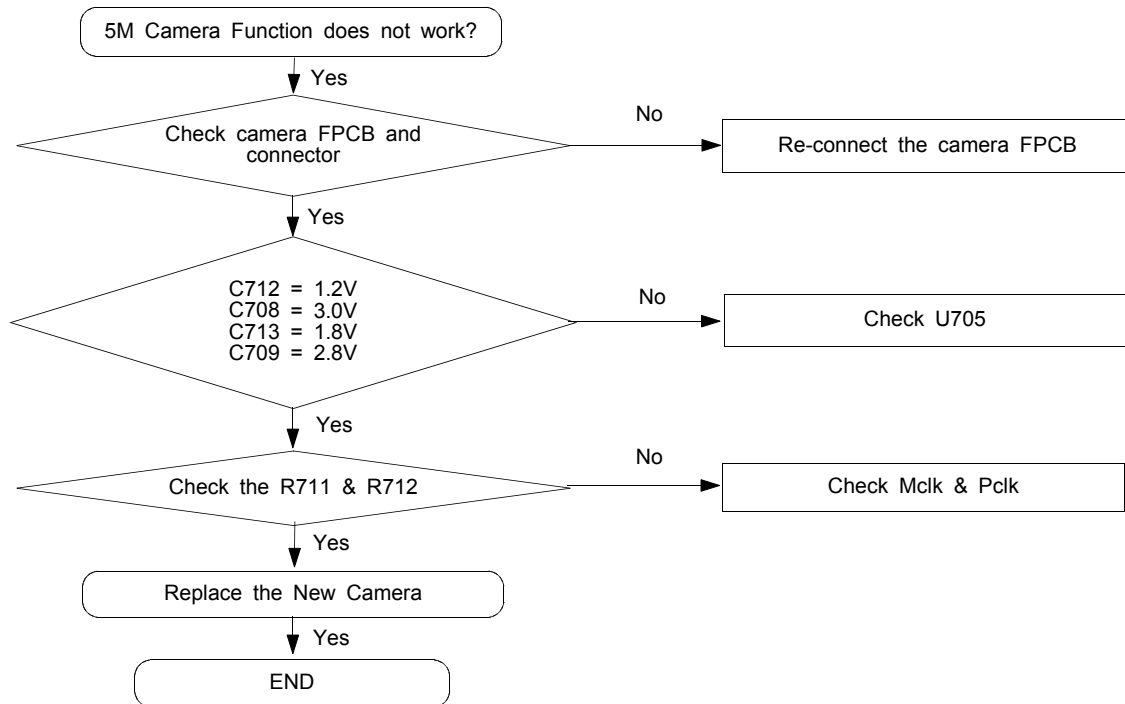


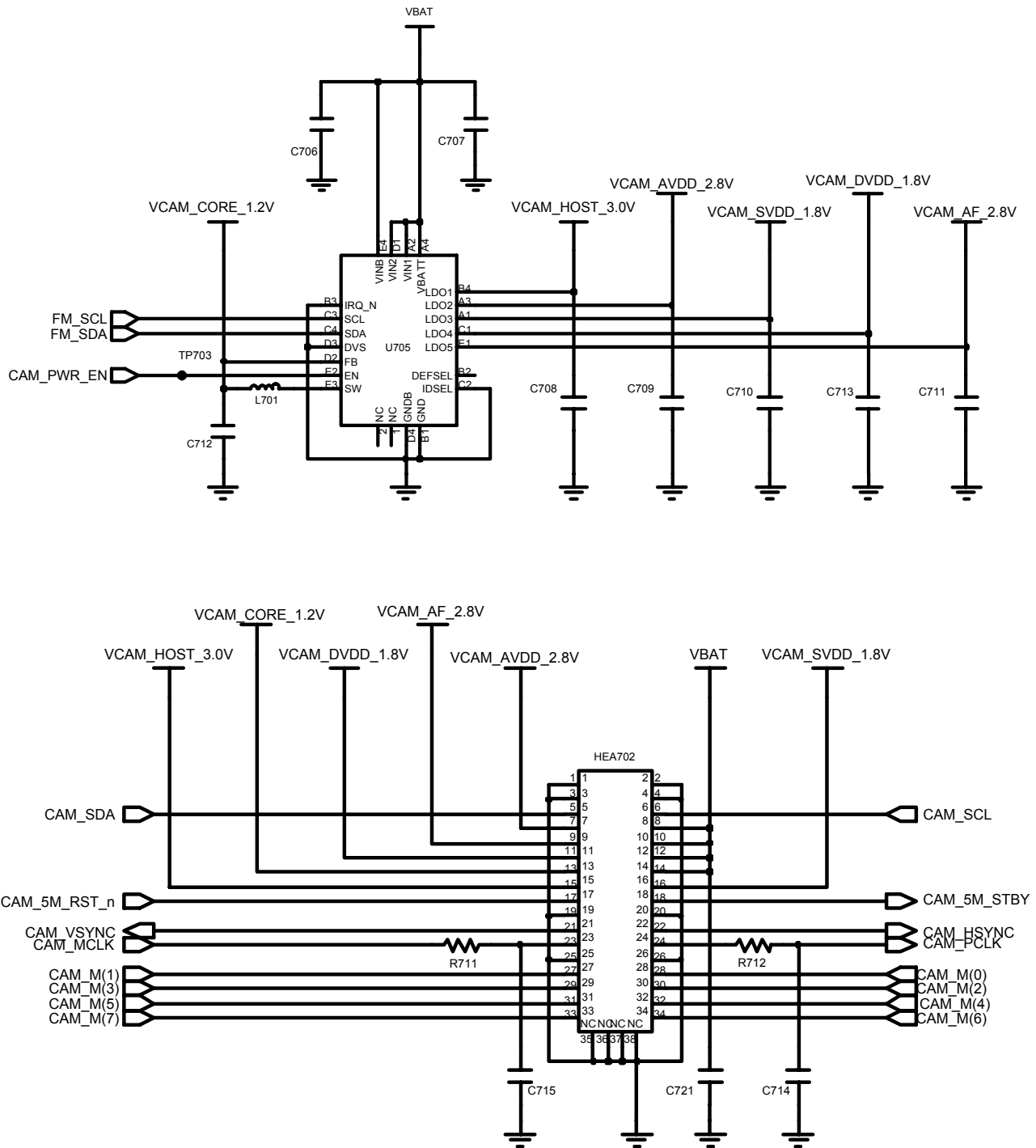


9-11. Key Data Input

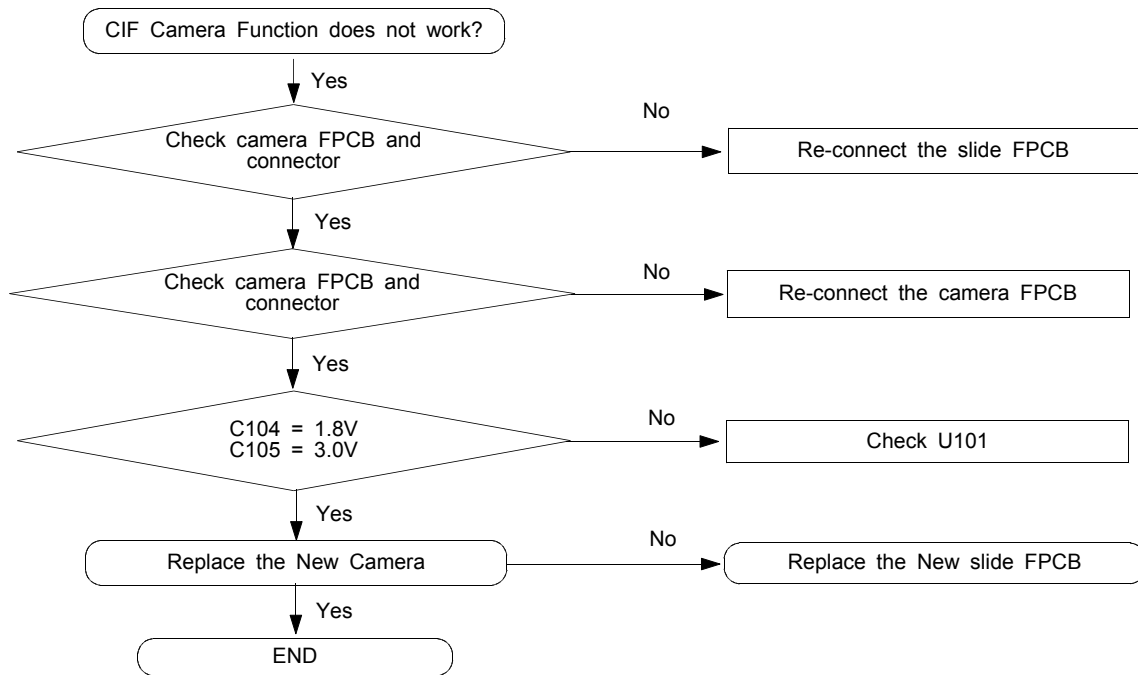


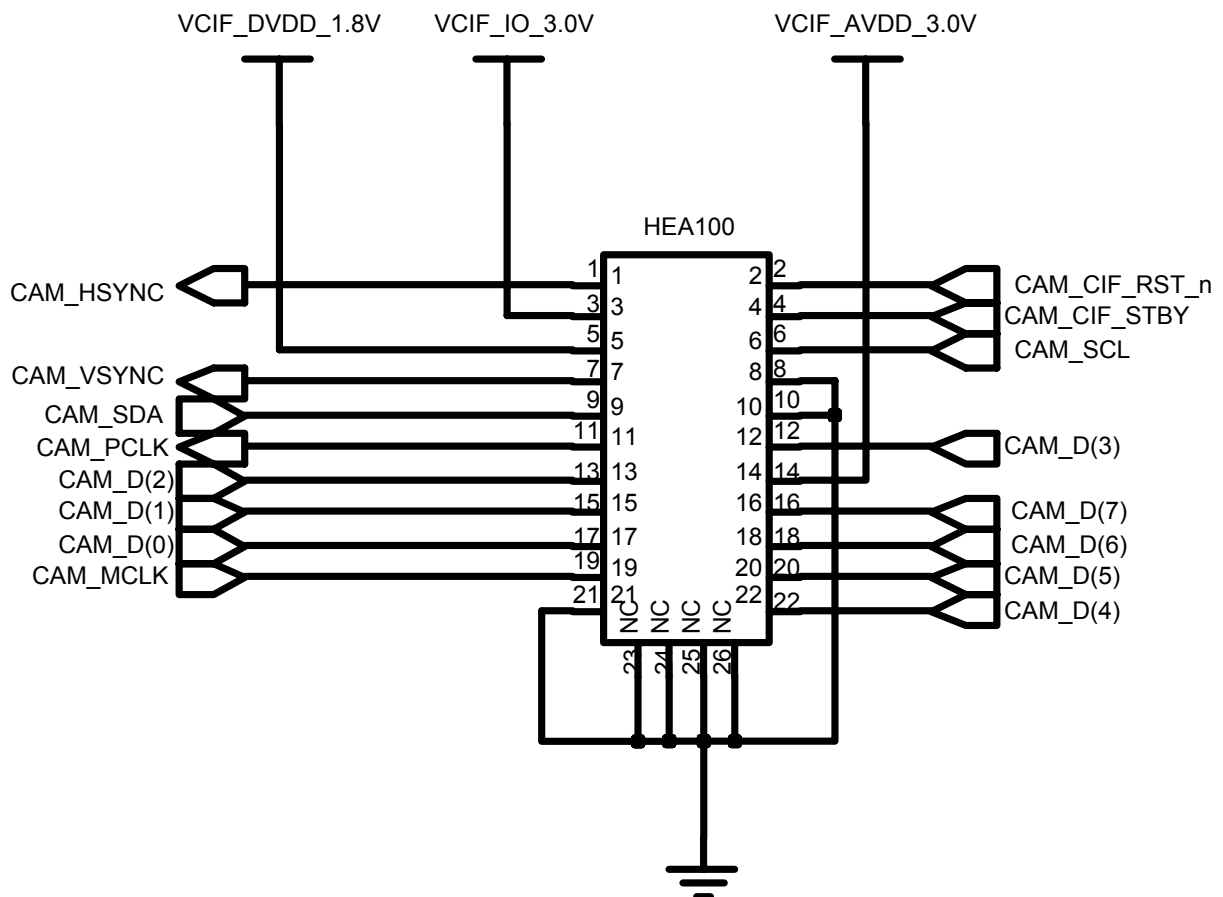
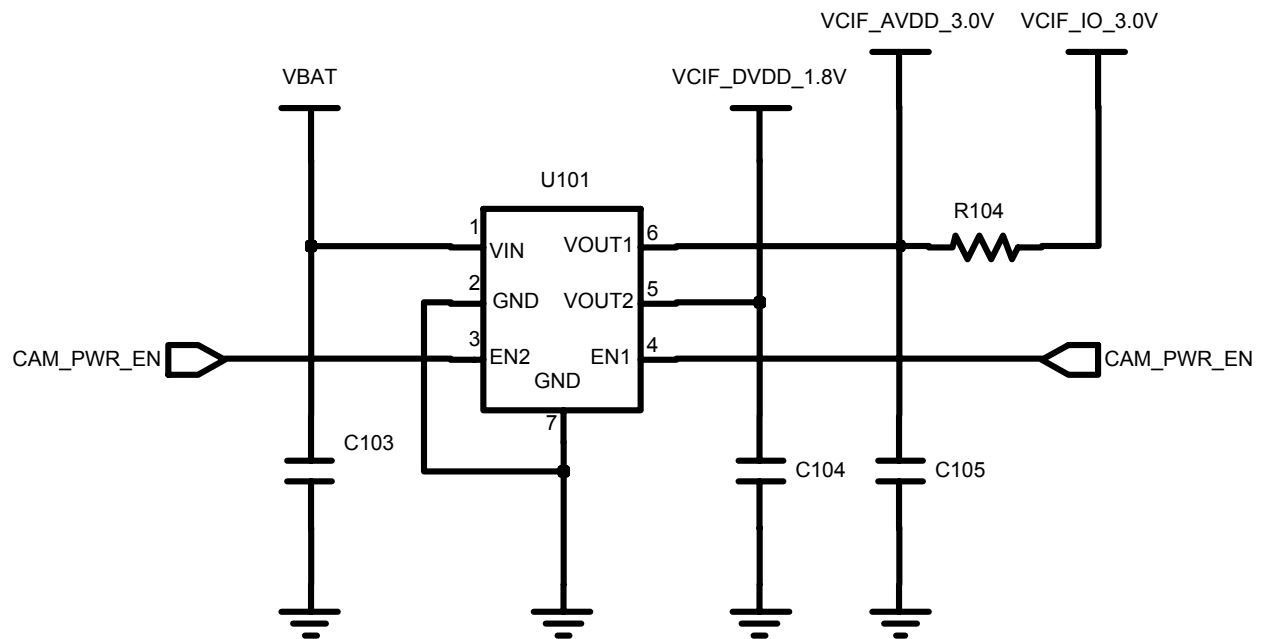
9-12. 5M Camera part



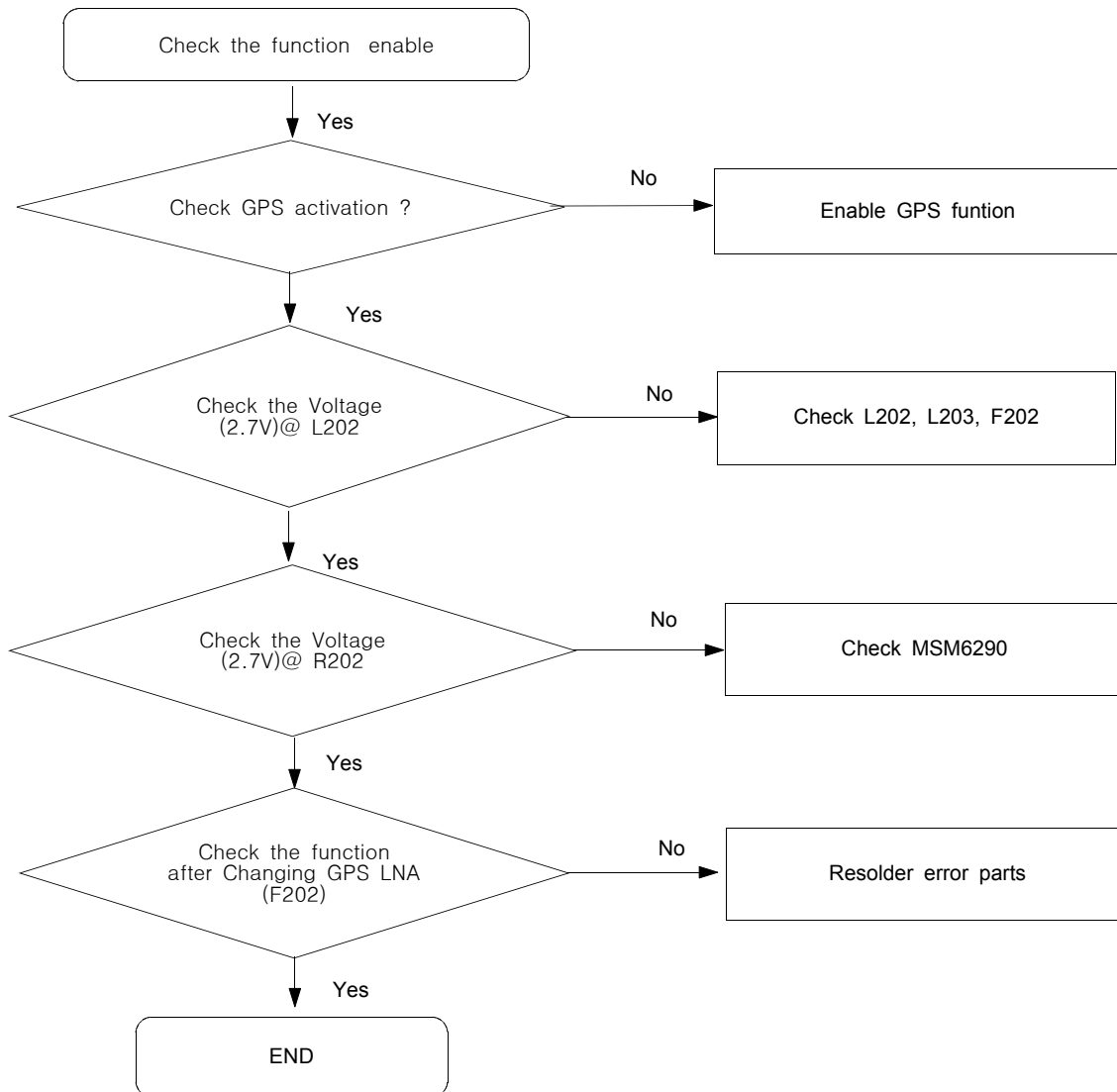


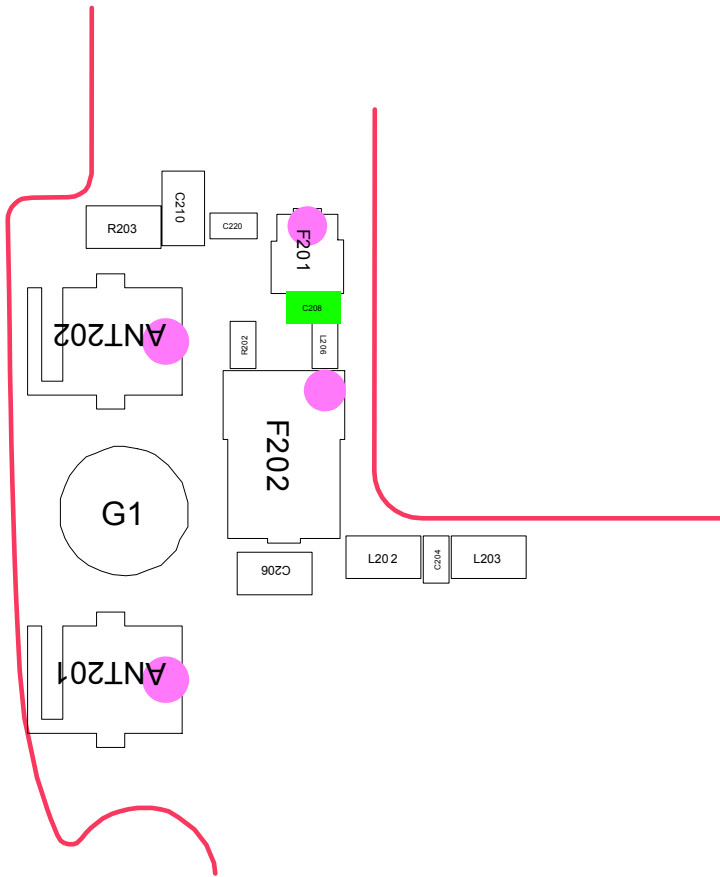
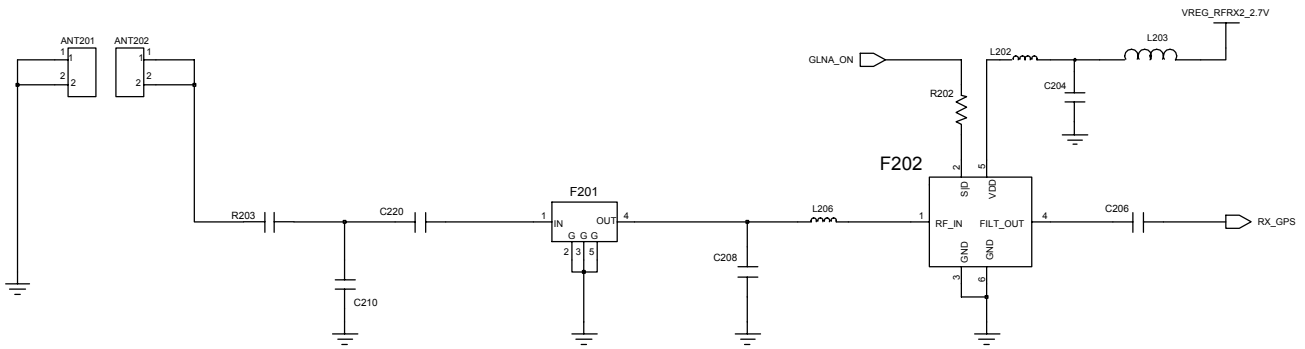
9-13. CIF Camera part



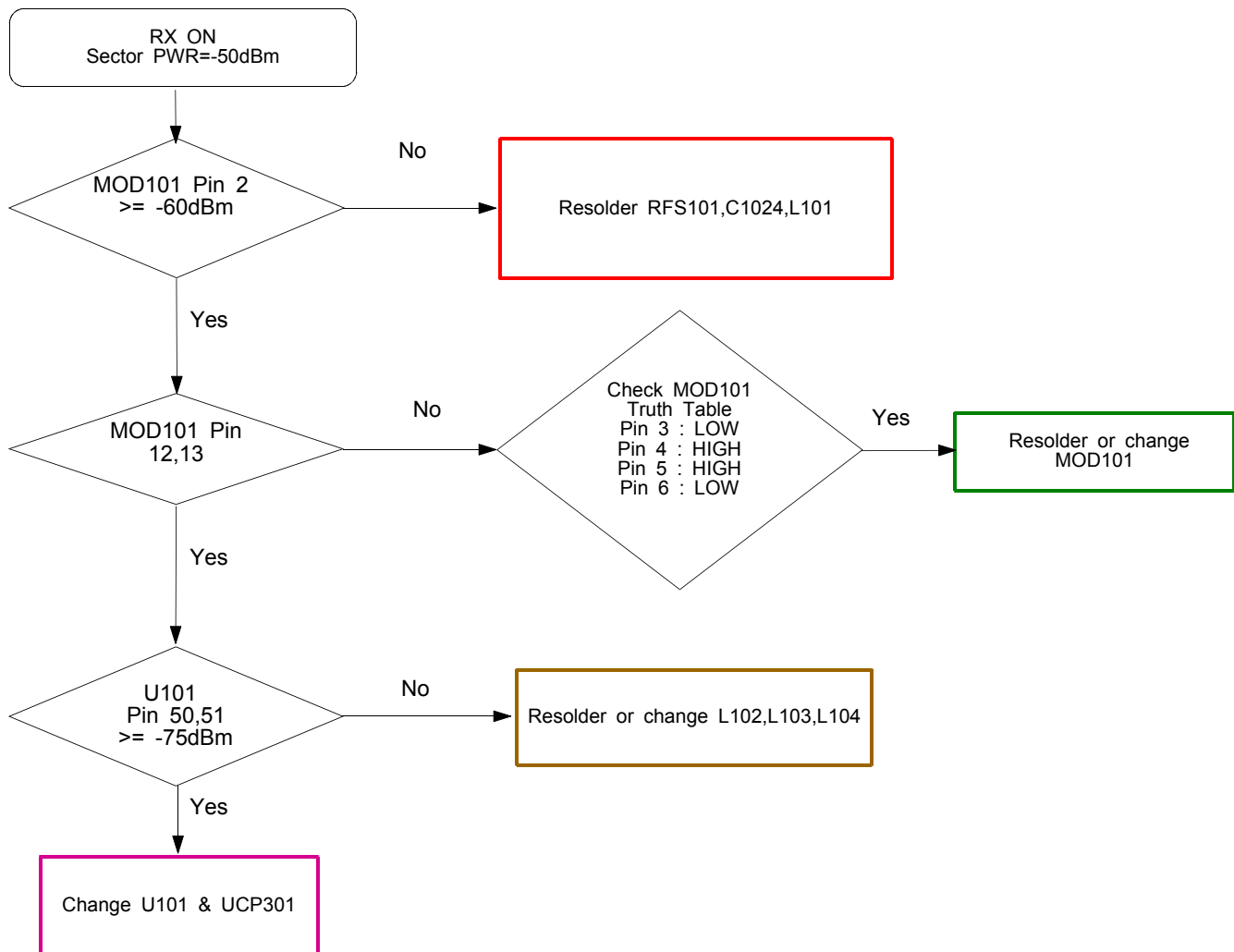


9-14. GPS part

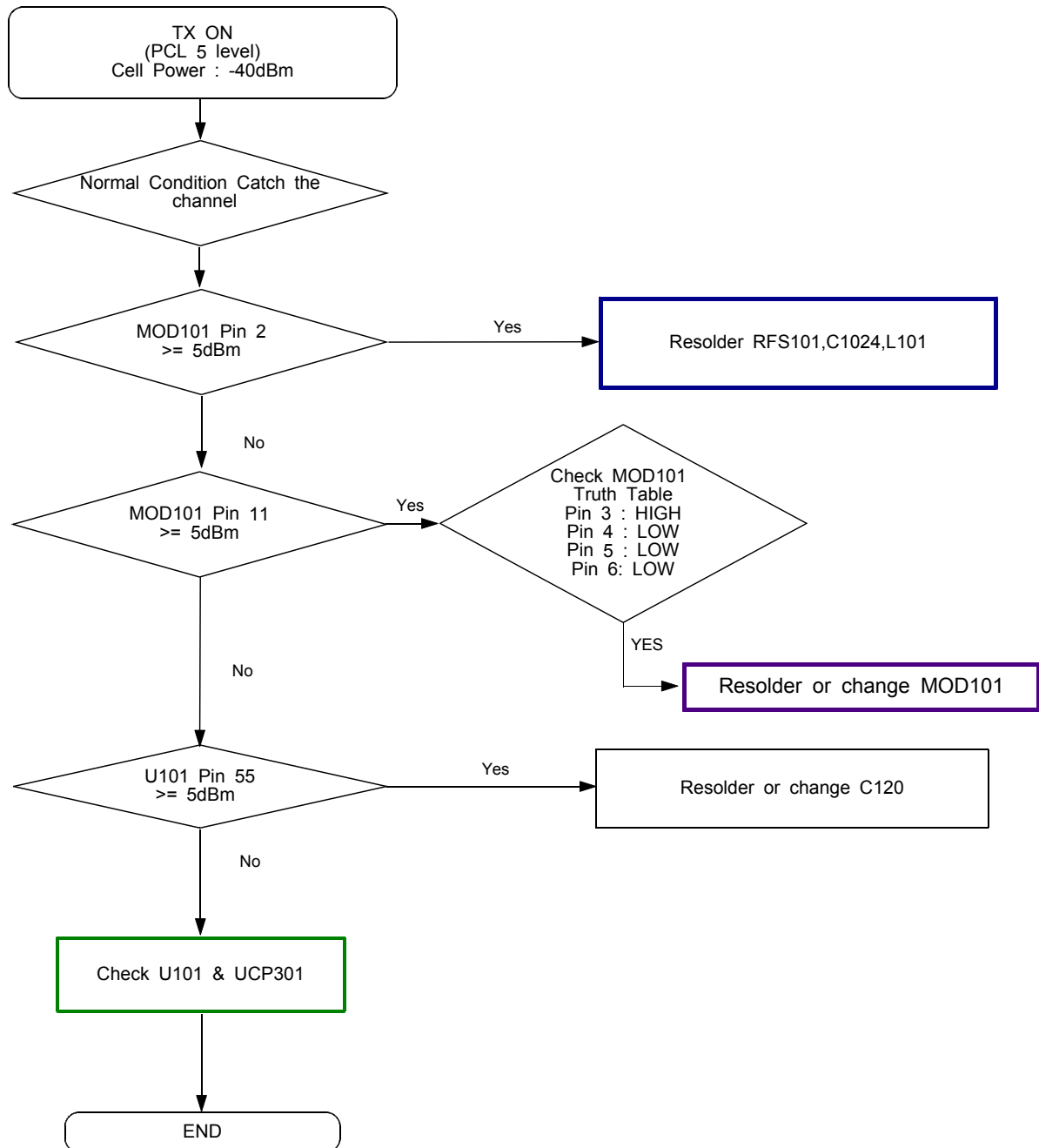




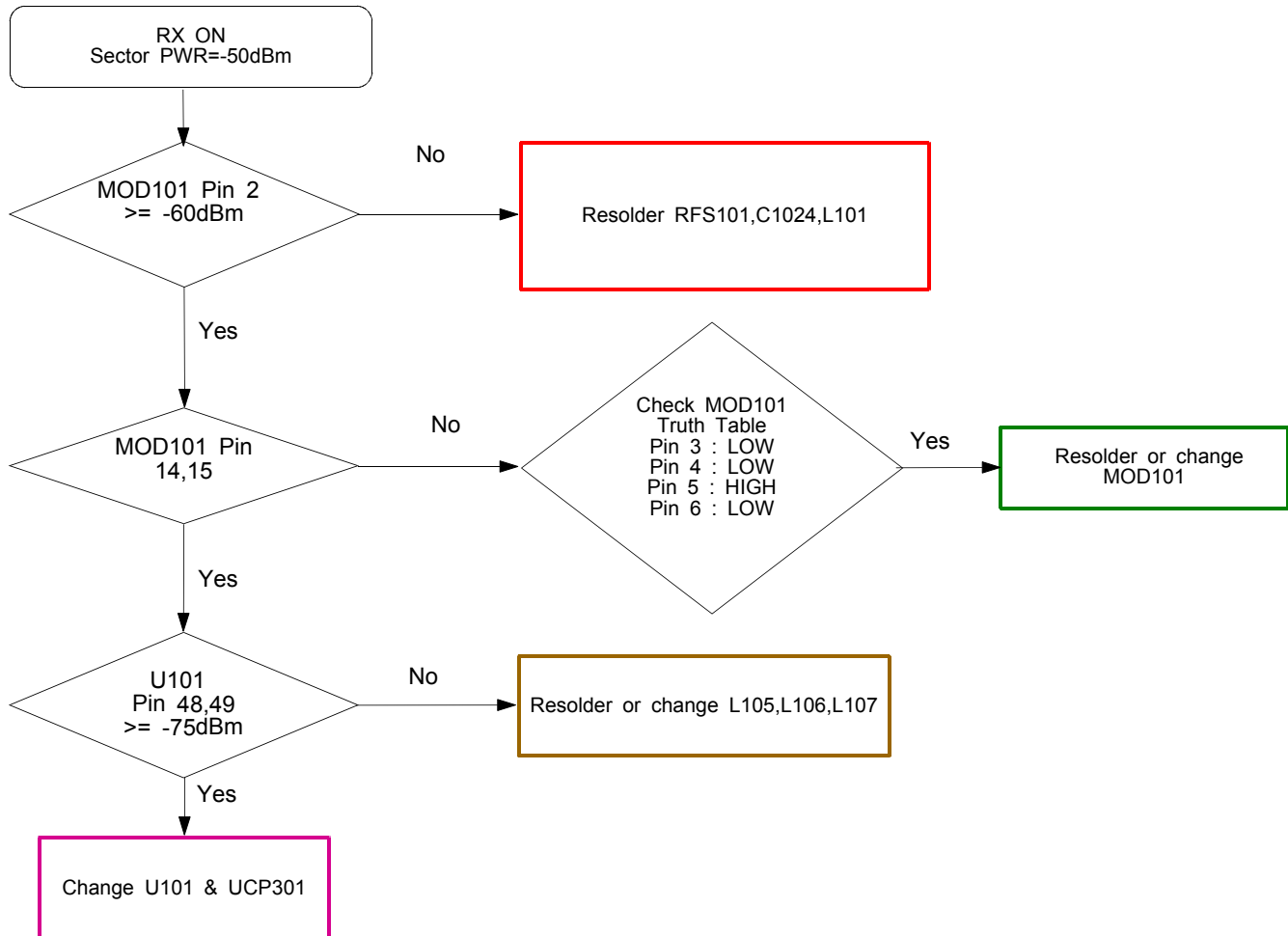
9-15. GSM850 Receiver



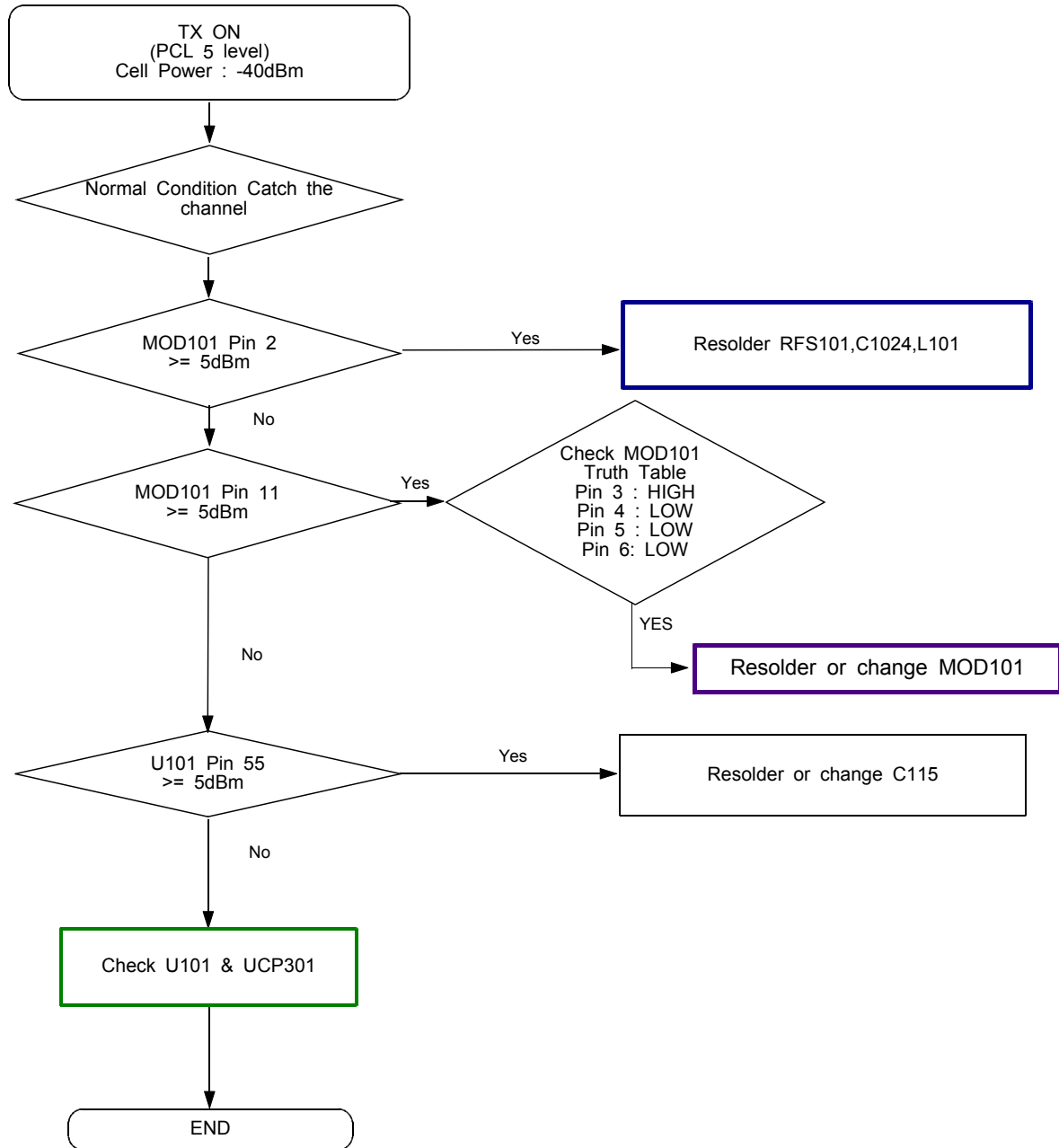
9-16. GSM850 Transmitter



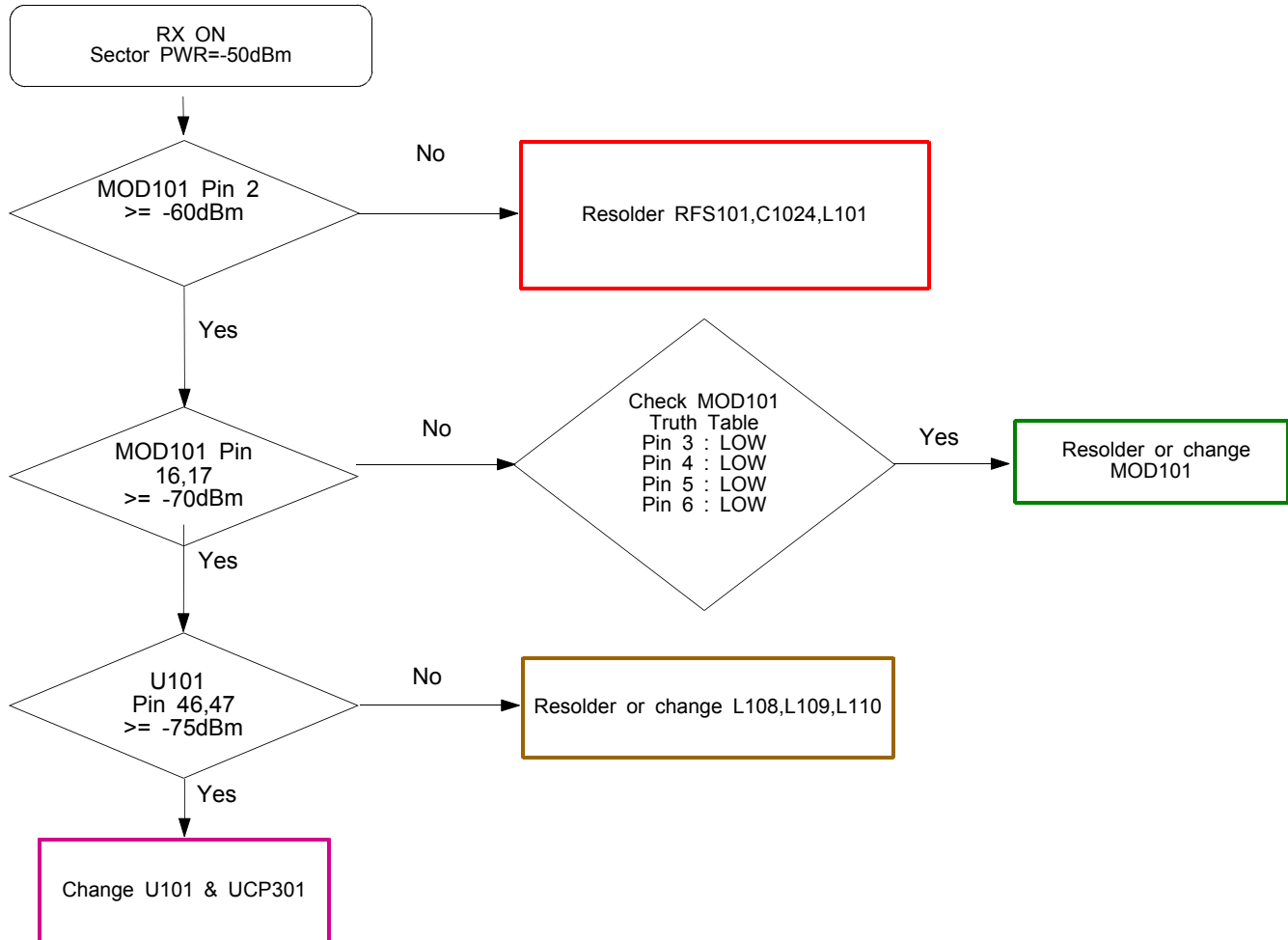
9-17. GSM900 Receiver



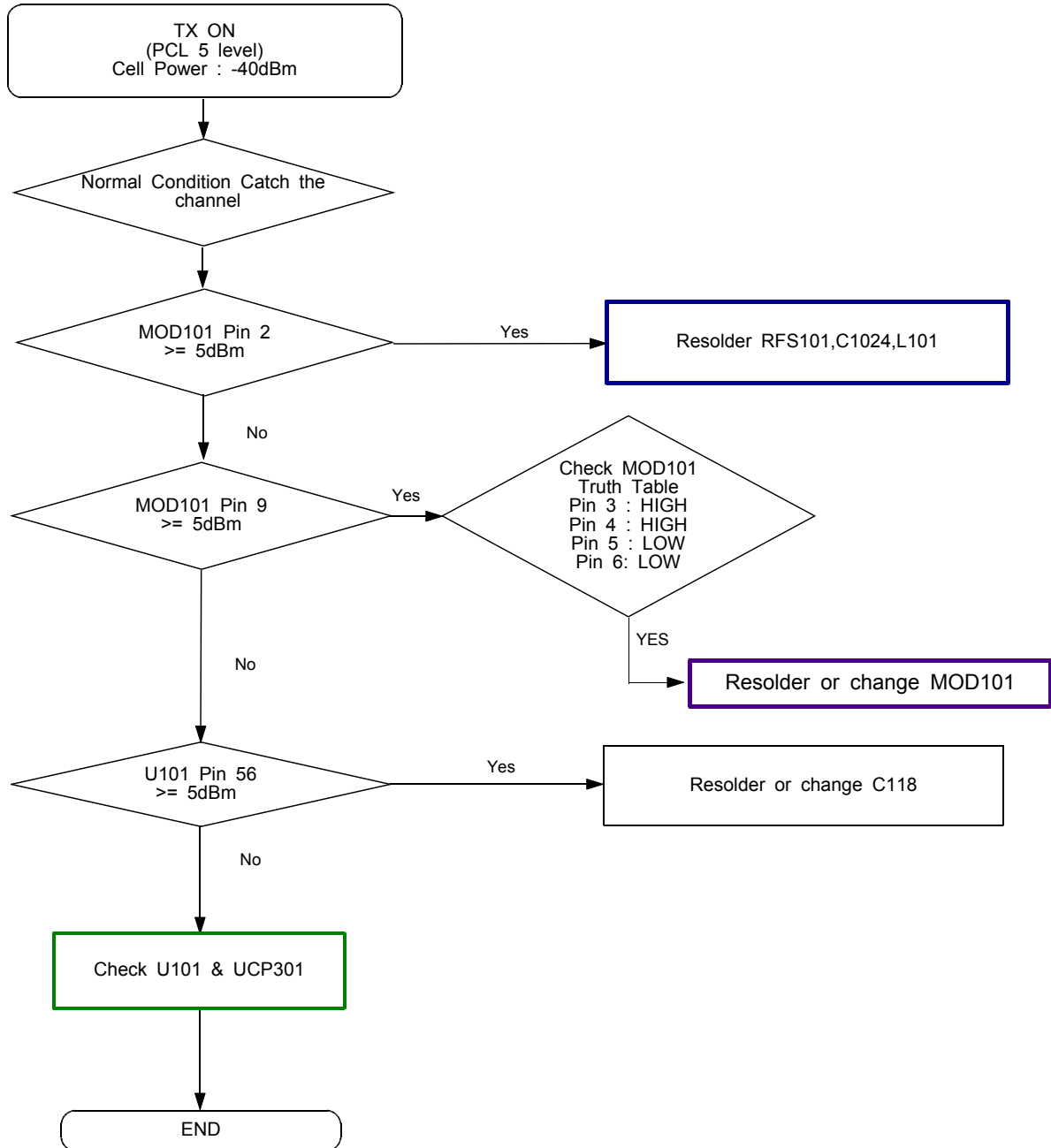
9-18. GSM900 Transmitter



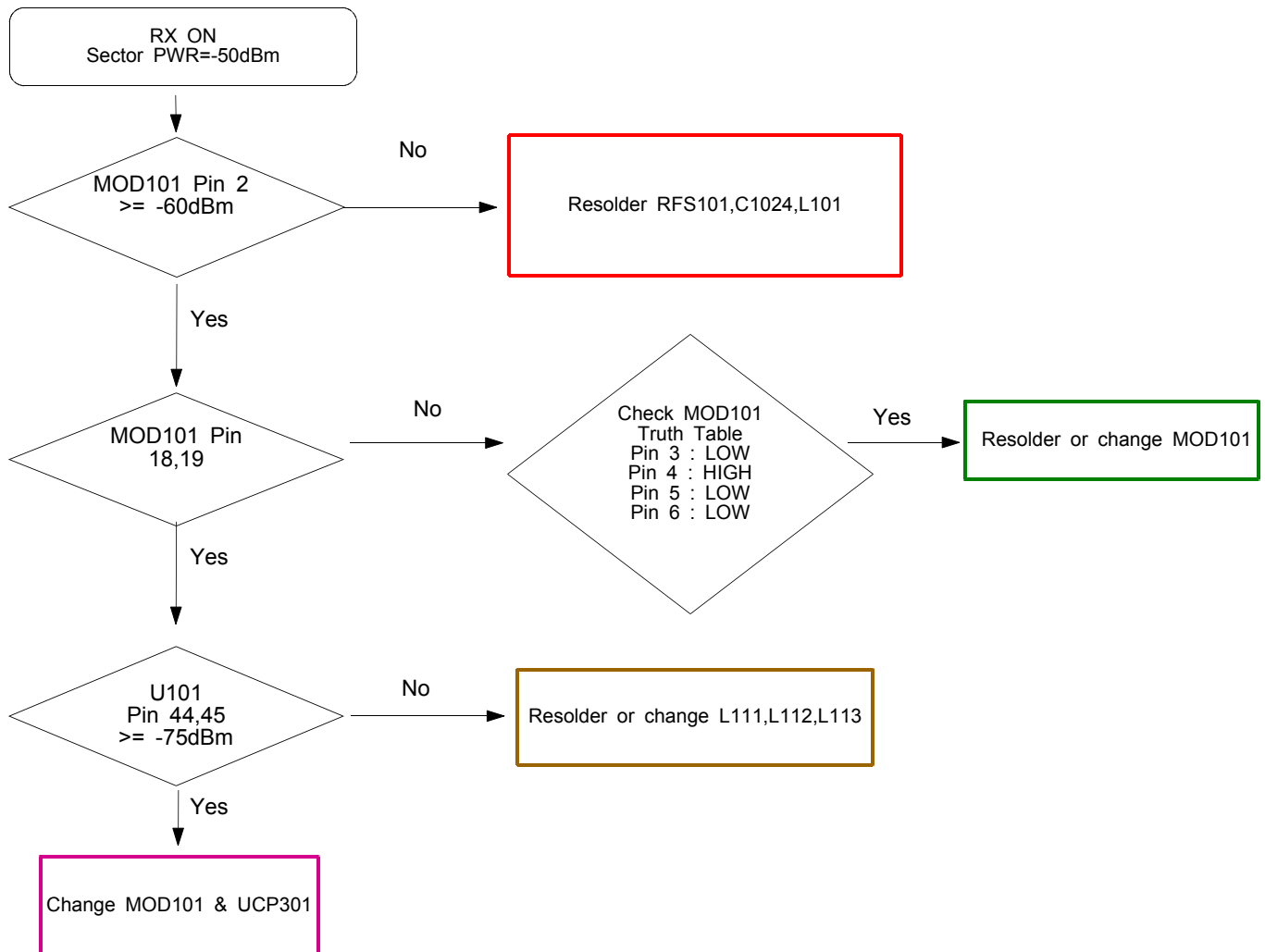
9-19. DCS Receiver



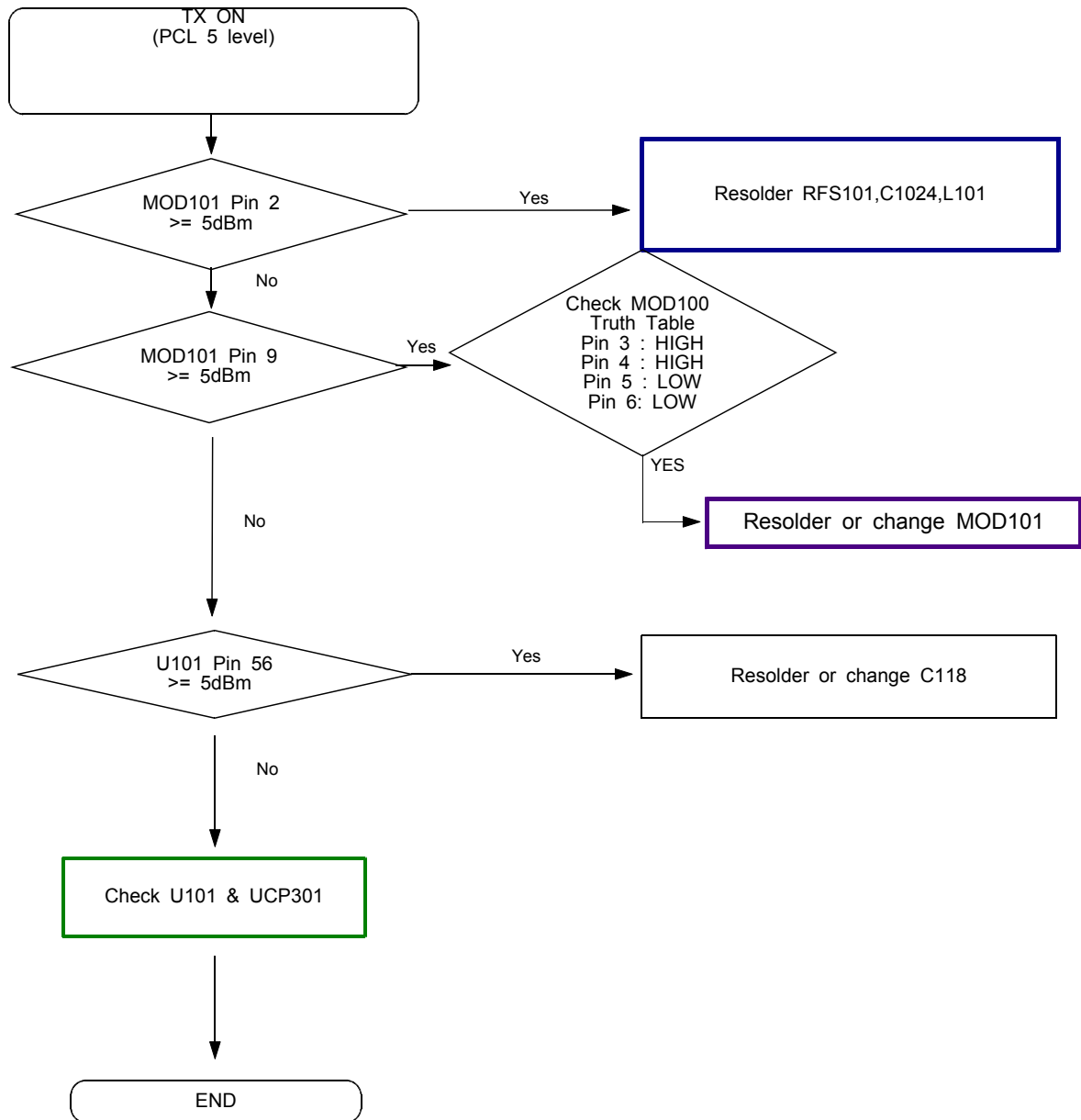
9-20. DCS Transmitter

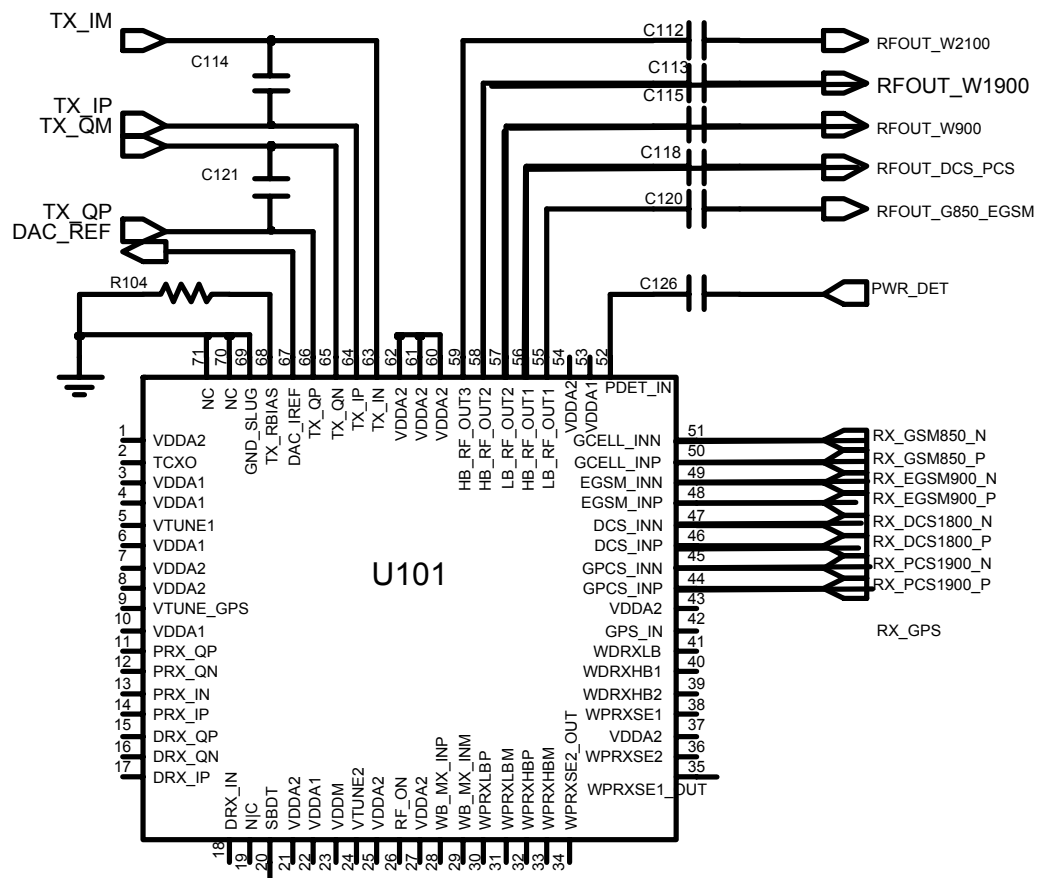
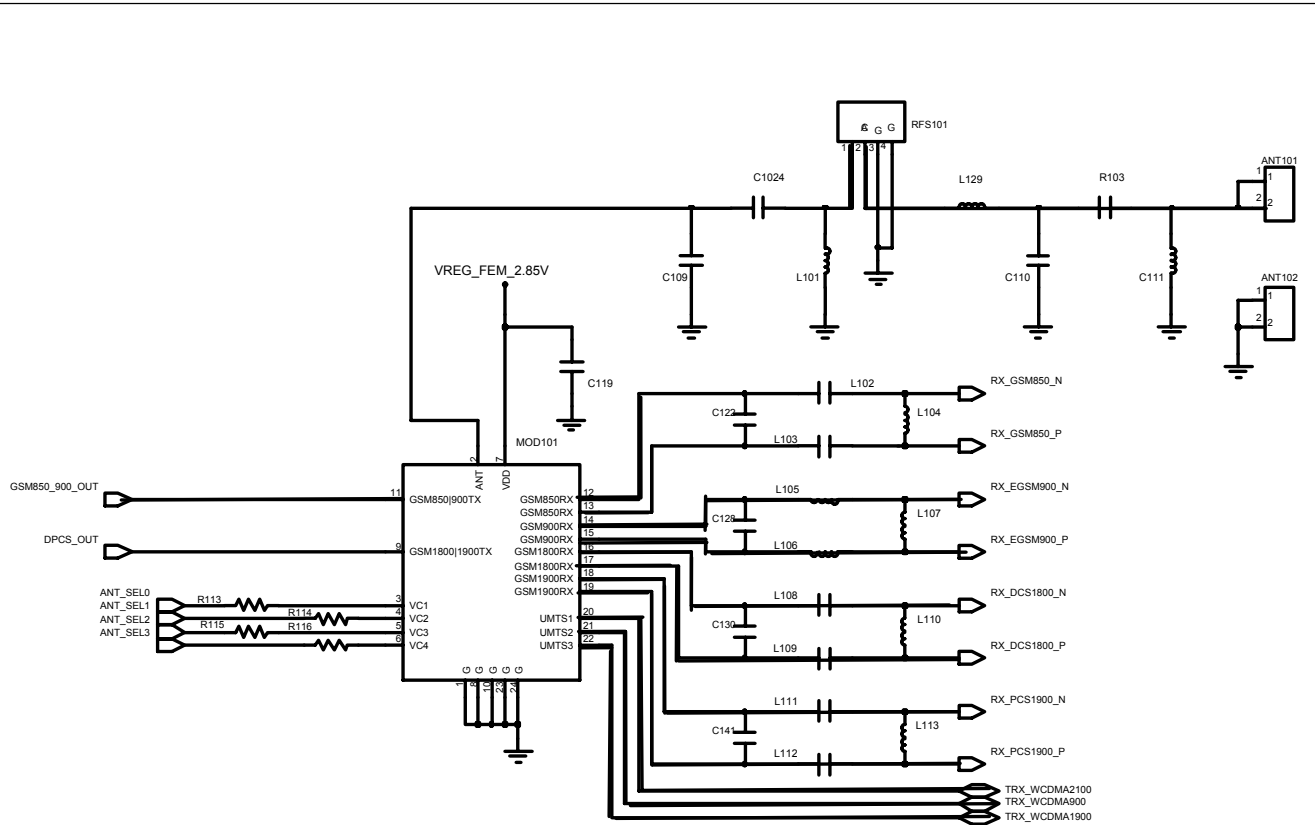


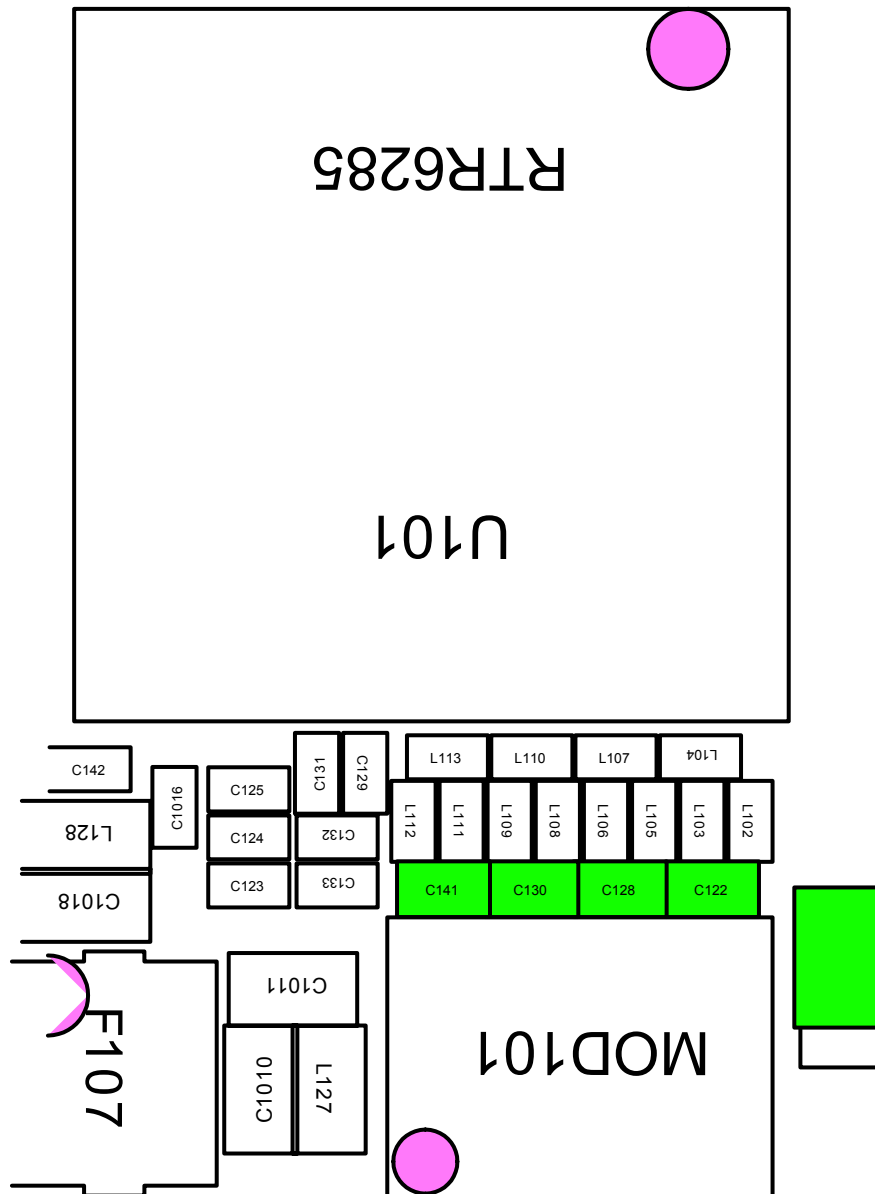
9-21. PCS Receiver



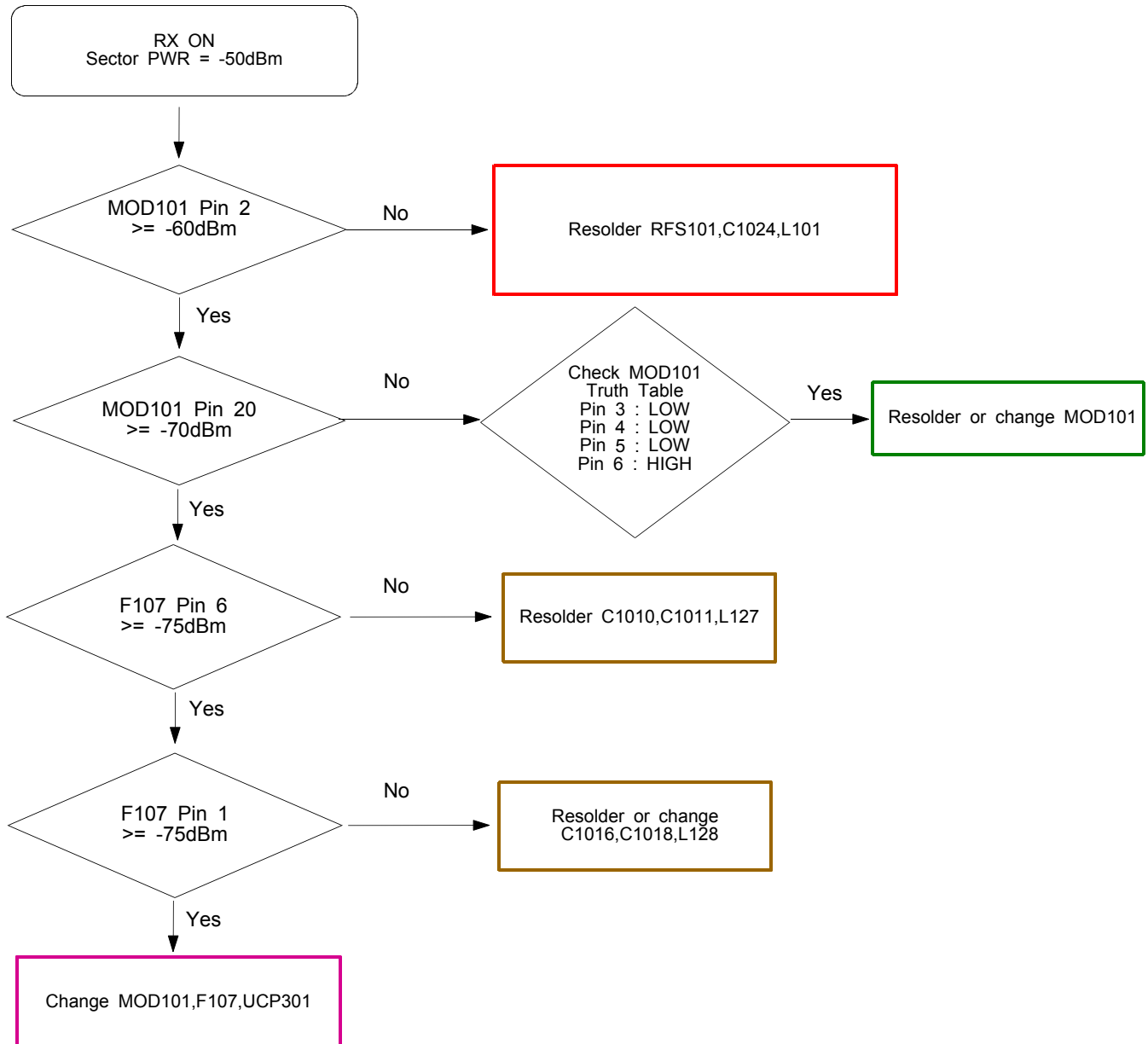
9-22. PCS Transmitter



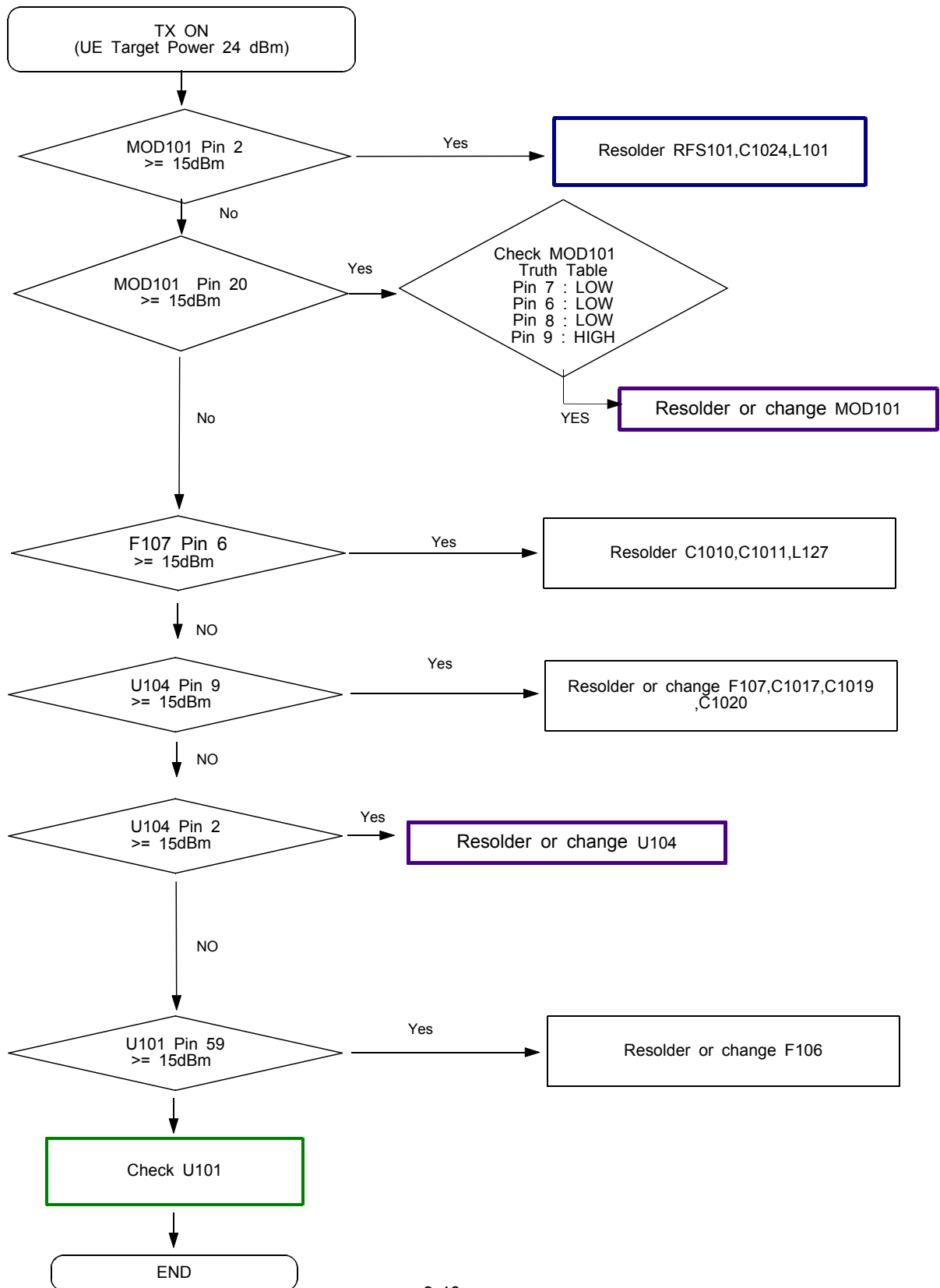




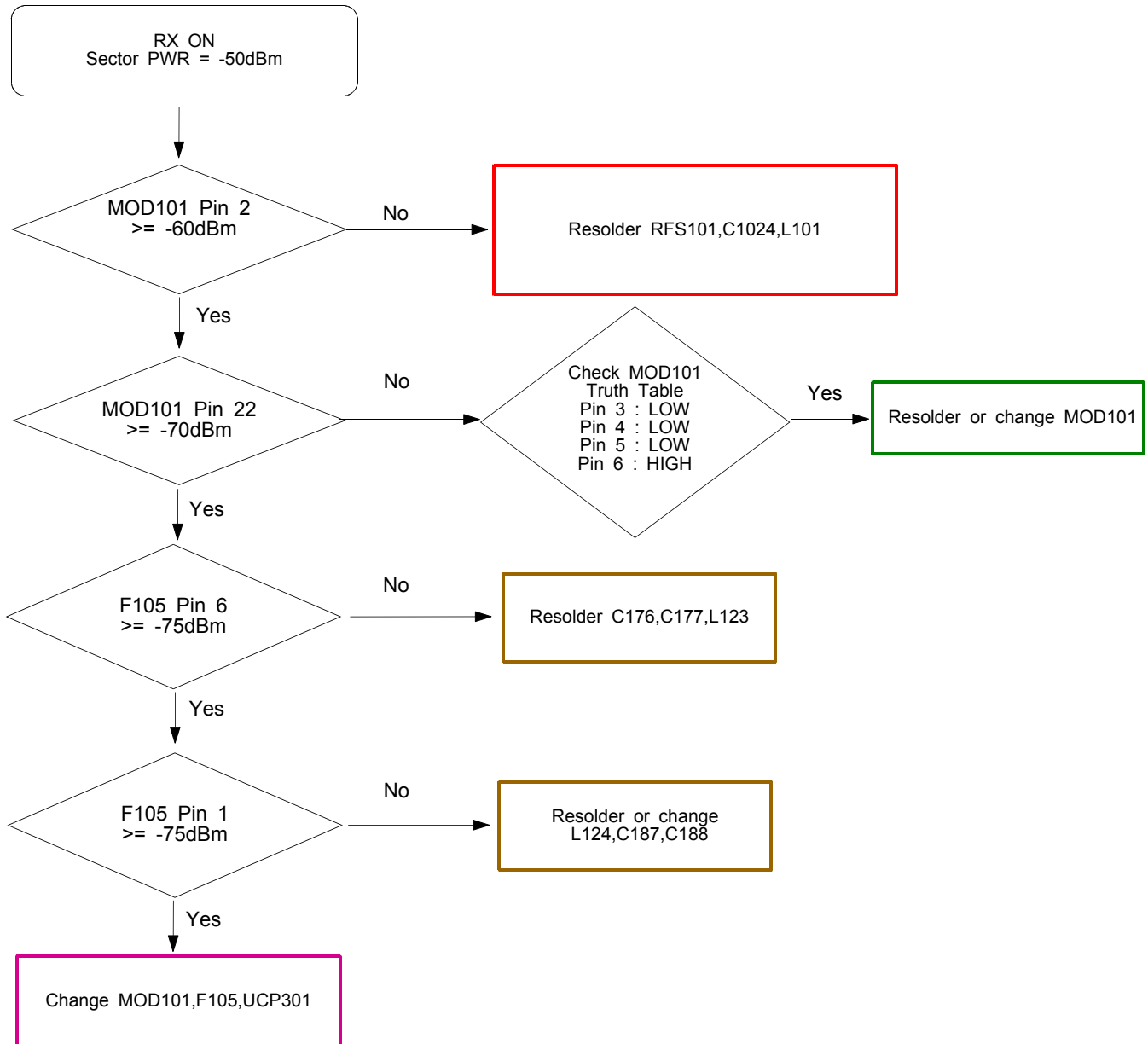
9-23. WCDMA 2100 Receiver



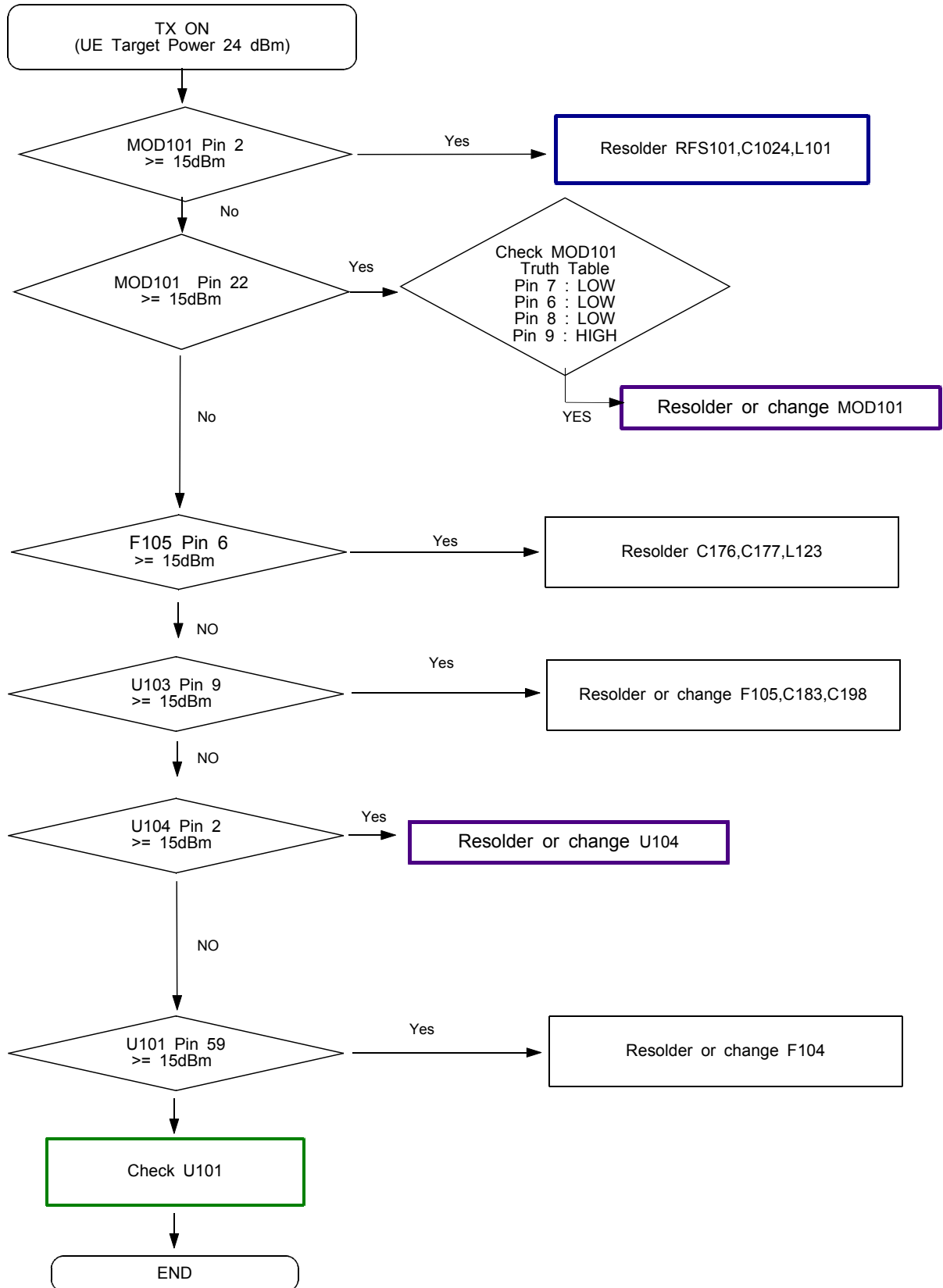
9-24. WCDMA 2100 Transmitter



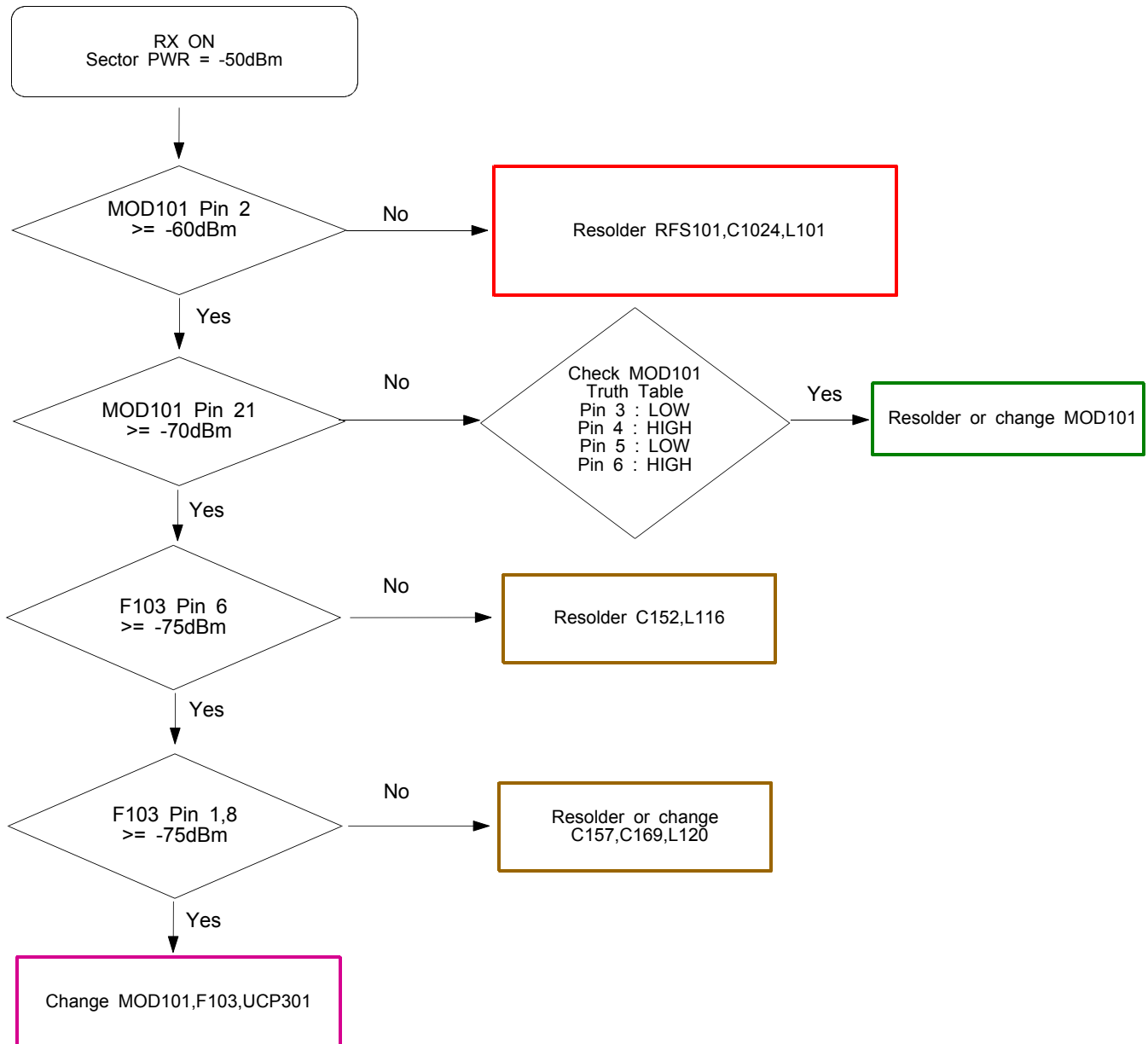
9-25. WCDMA 1900 Receiver



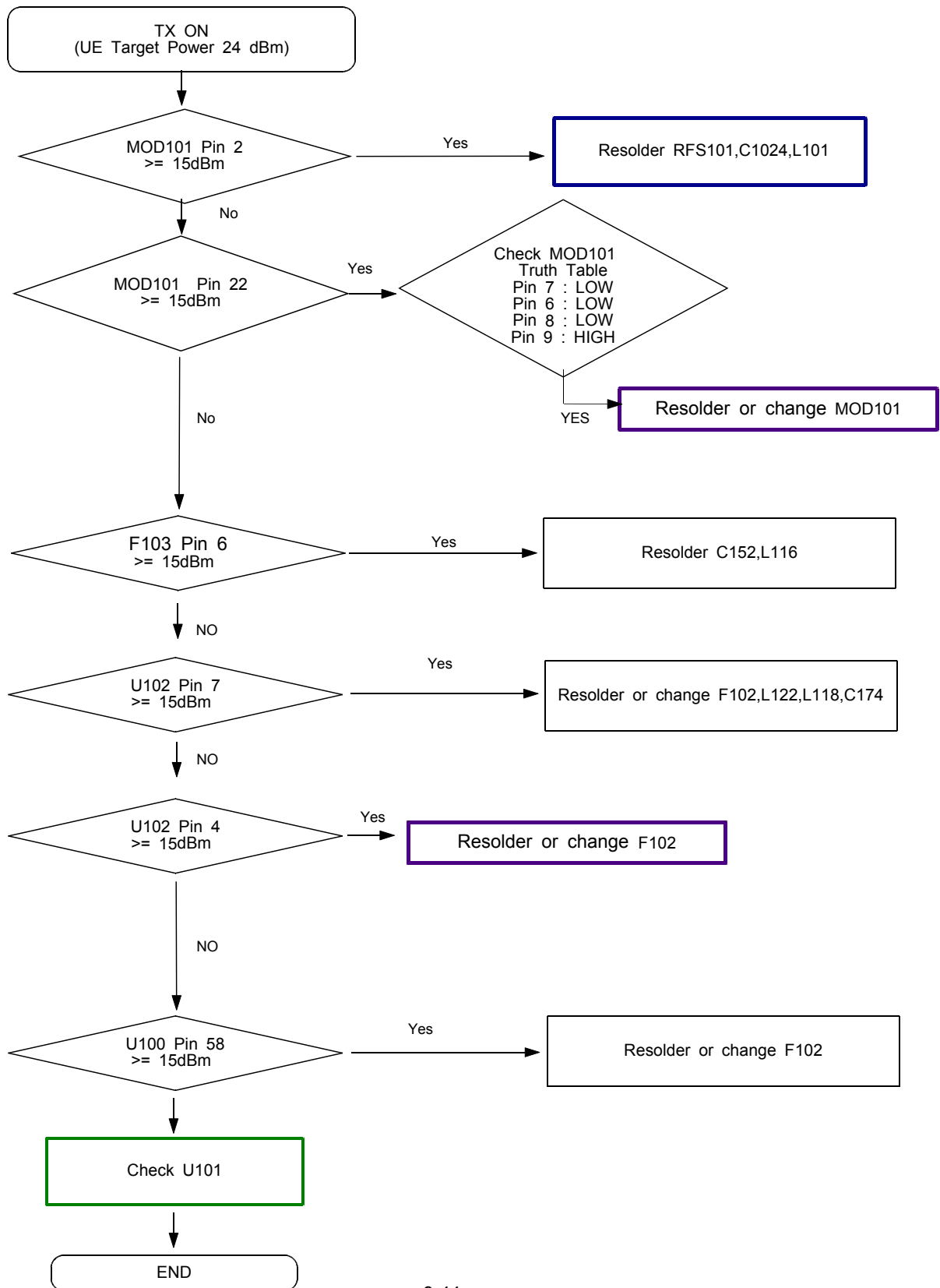
9-26. WCDMA 1900 Transmitter

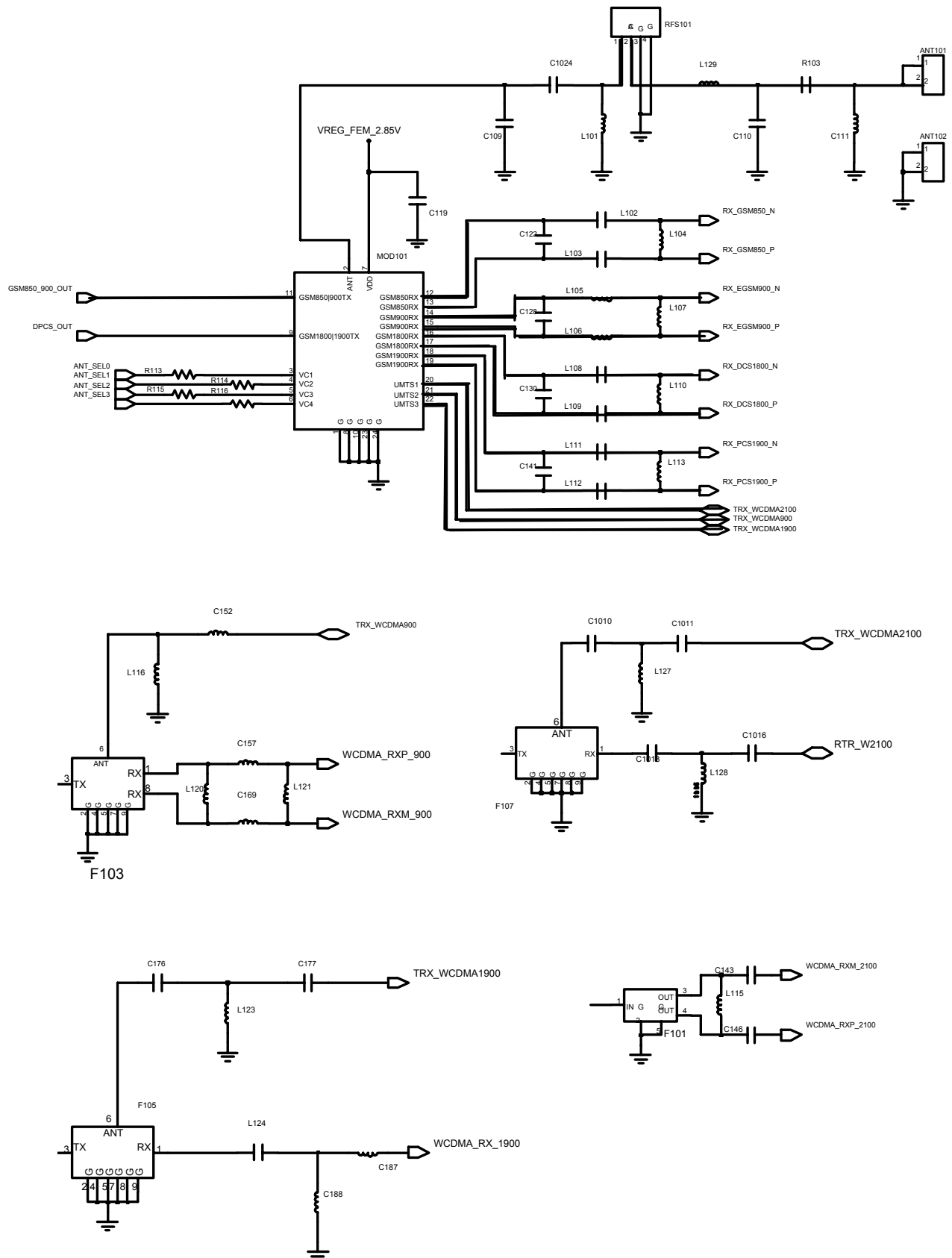


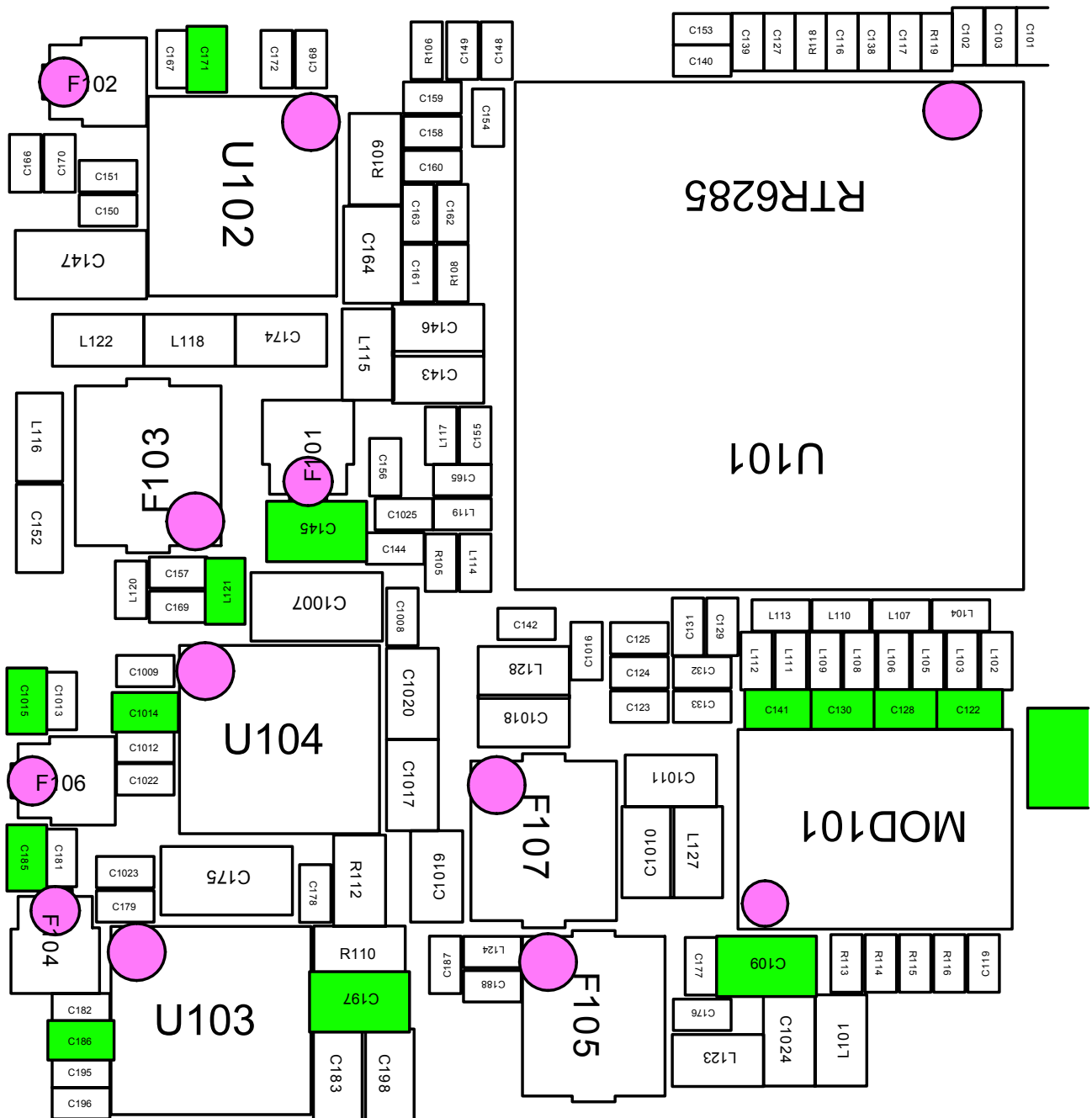
9-27. WCDMA 900 Receiver



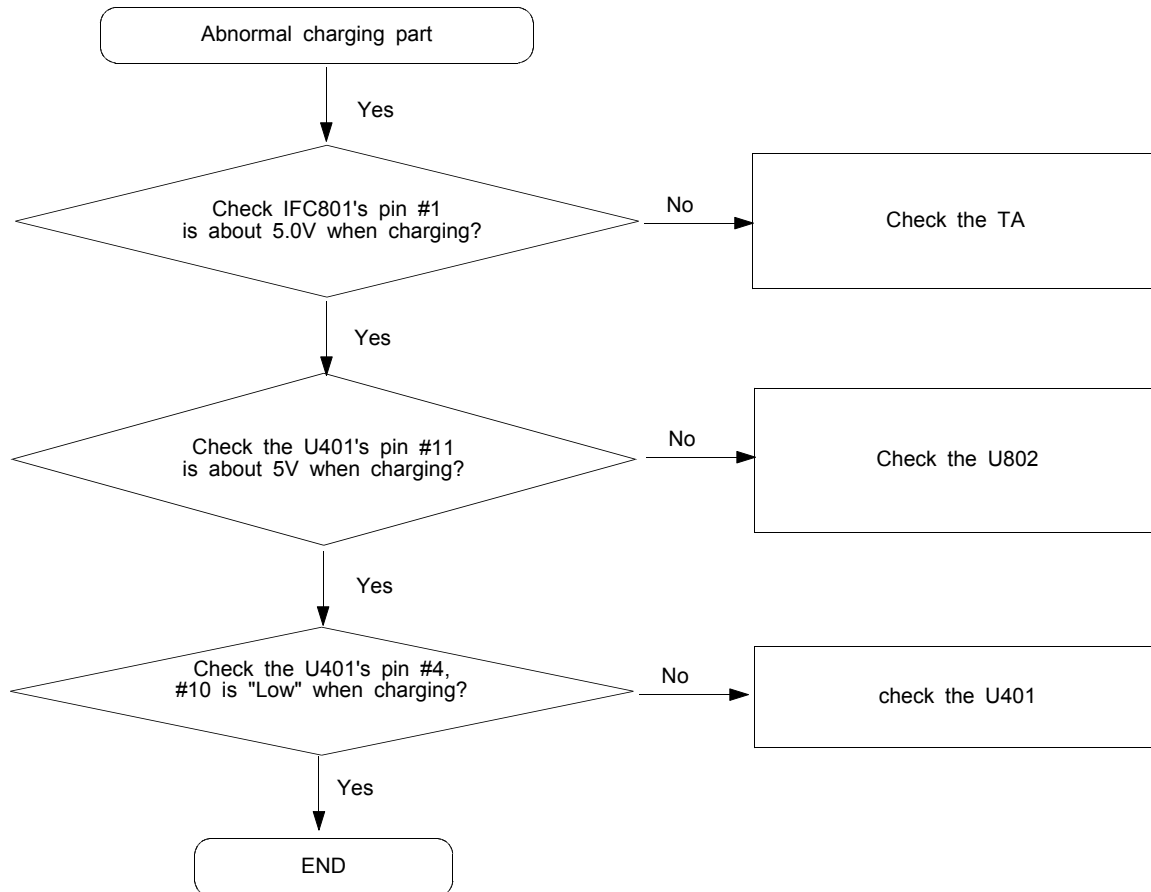
9-28. WCDMA 900 Transmitter

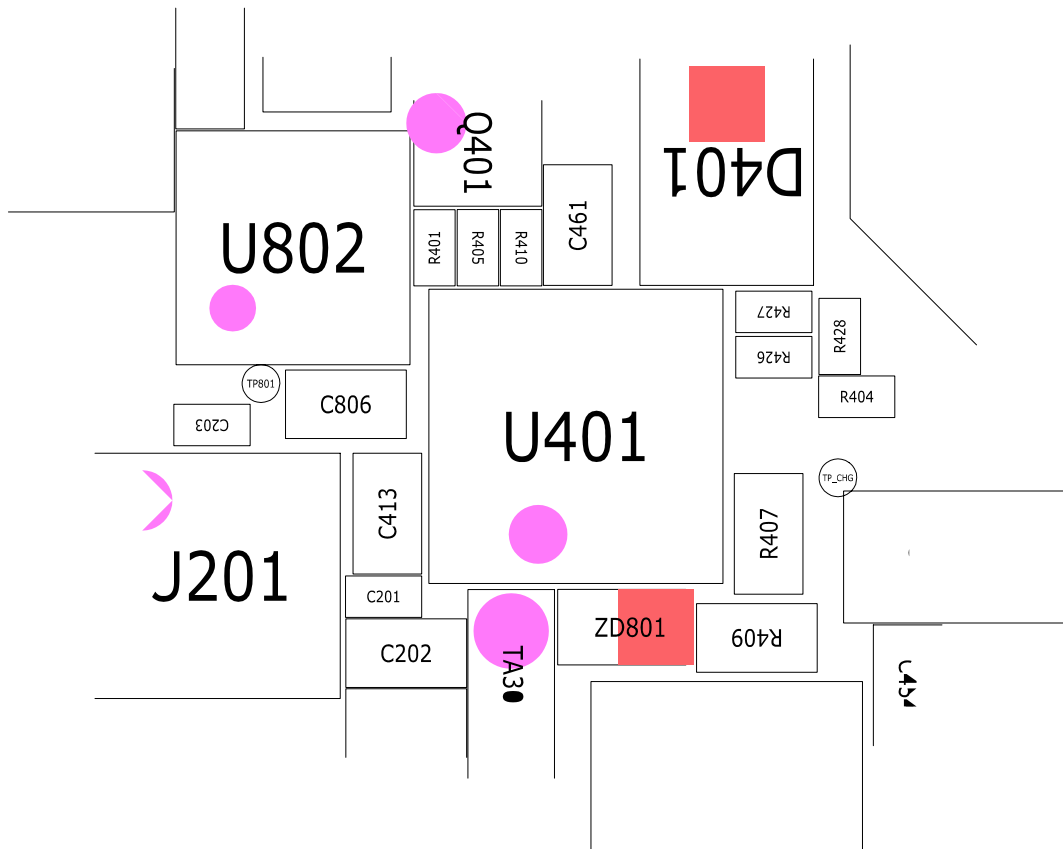
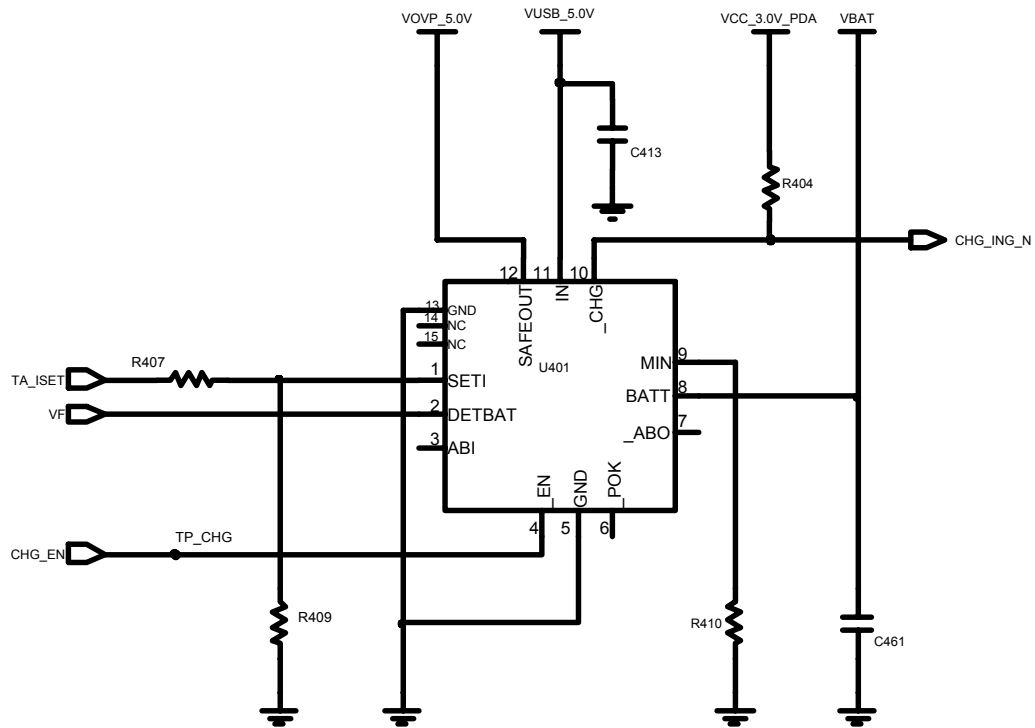




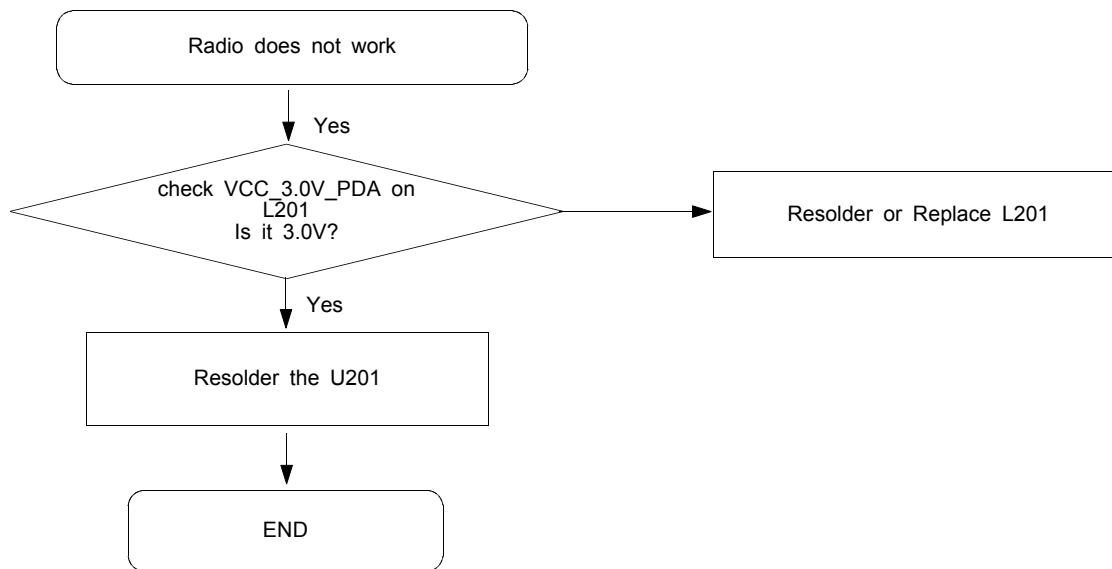


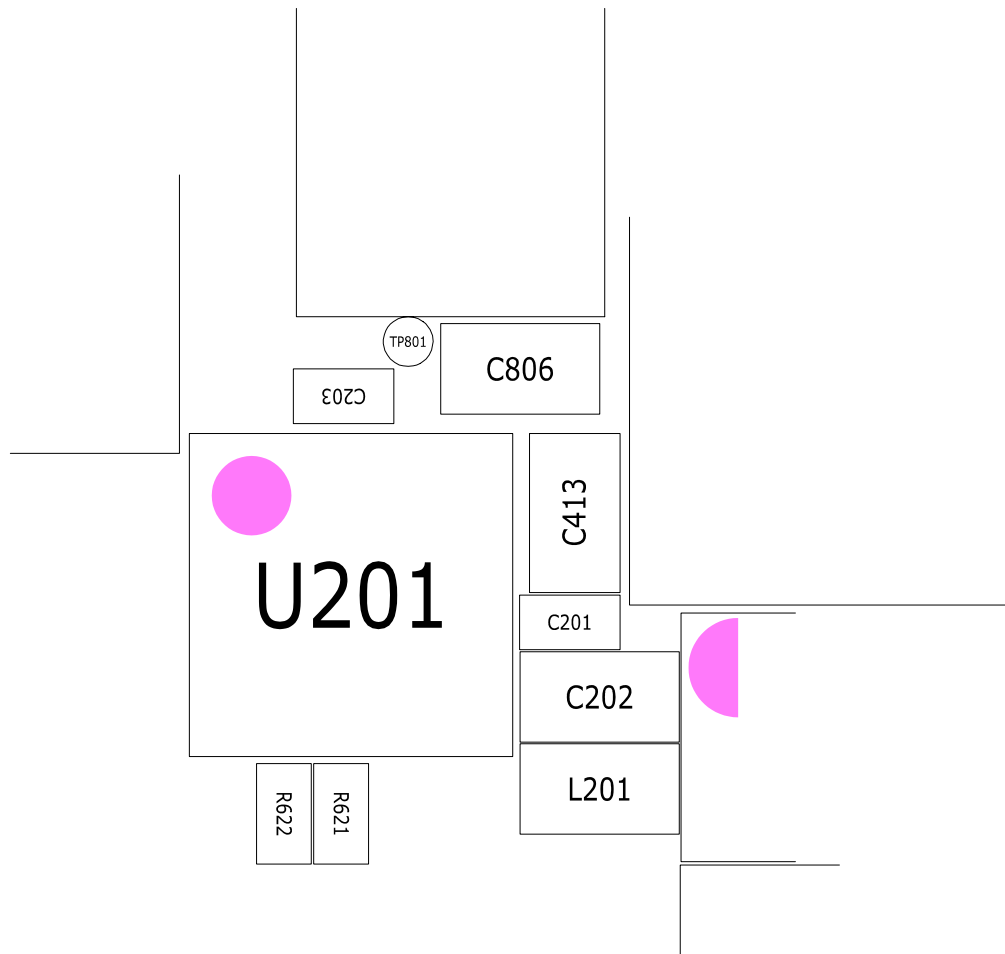
9-29 Charging Part





9-30. Radio part





11. Disassembly and Assembly Instructions

11-1. Disassembly

1

1) Release screw 5 point at rear



1) Be careful not to make scratch and molding damage!

2

1) Disjoint the right of rear from the set



1) Be careful not to make scratch and molding damage!

3

1) Disjoint the top & bottom of rear from the set



1) Be careful not to make scratch and molding damage!

4

1) After slide open, disjoint the left of rear from the set



1) Be careful not to make scratch and molding damage!

5

1) Detach the slide FPCB connector, volume key / camera key FPCB from the front ass'y

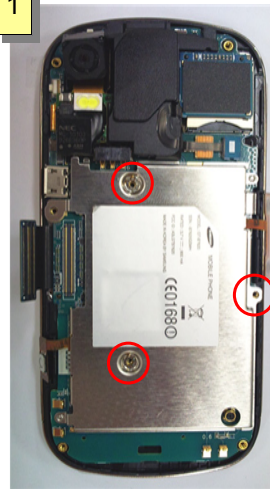


1) Beware that you do not damage PBA.

6

1) Release screw 3 point at shield can
1) Disassembled PBA and front ass'y

1



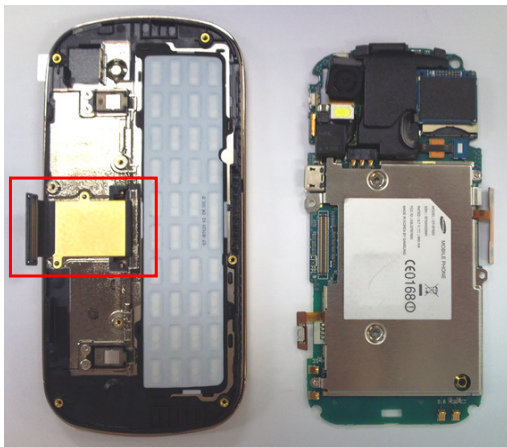
2



1) Beware that you do not damage PBA.

7

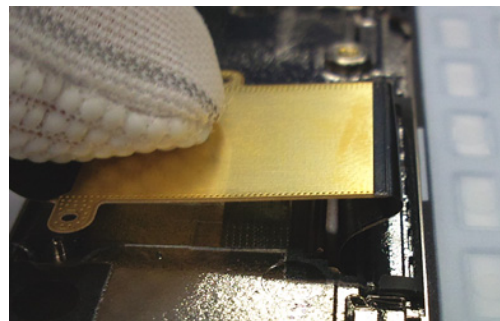
1) Detach the slide FPCB from the front



1) Beware that you do not damage Slide FPCB

8

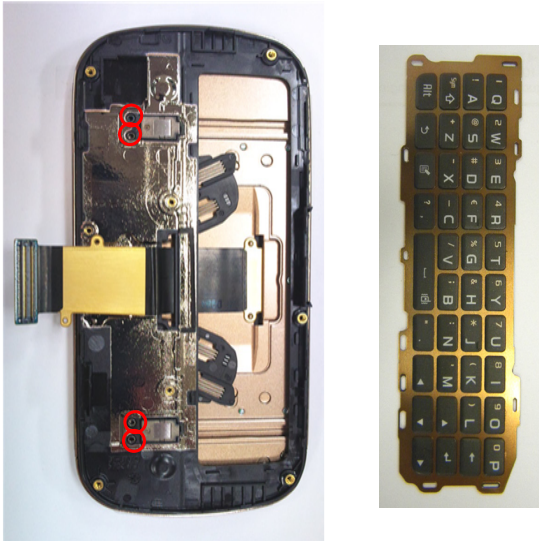
1) Slowly and cautiously, detach the slide FPCB



1) Beware that you do not damage Slide FPCB

9

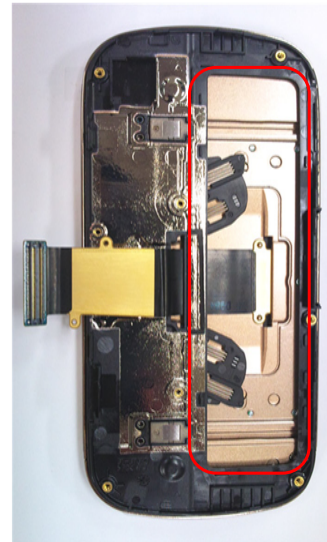
1) Release screw 4 point at front hinge



1) Be careful not to make scratch and molding damage!

10

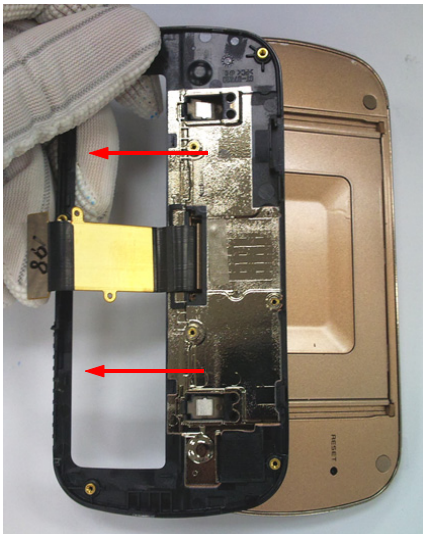
1) Disassemble the qwerty keypad and front



1) Be careful not to make scratch and molding damage!

11

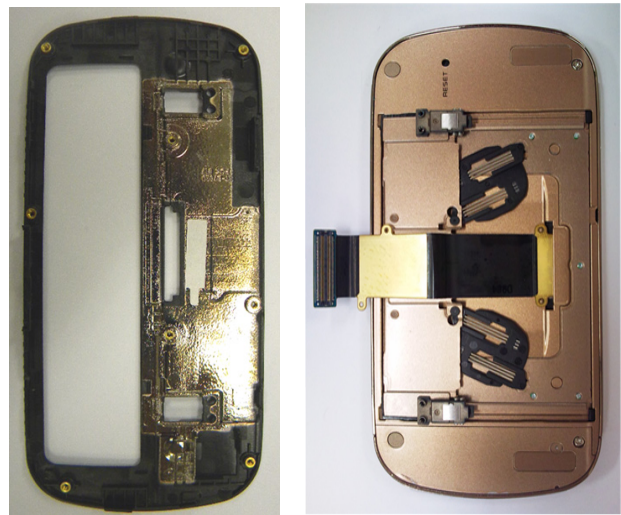
1) Separate the front and slide ass'y



1) Be careful not to make scratch and molding damage!

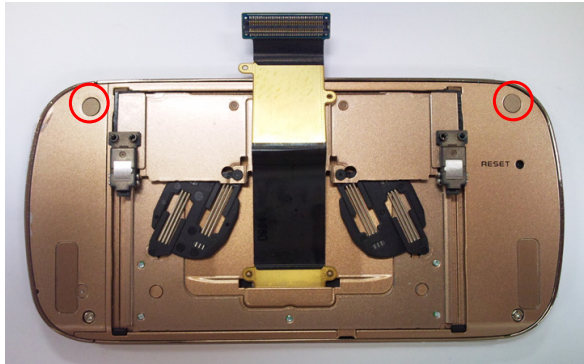
12

1) Disassembled the front and slide ass'y



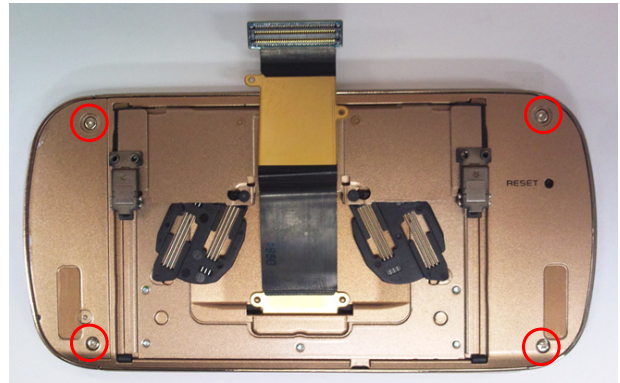
1) Be careful not to make scratch and molding damage!

13 1) Detach the screw cap 2point



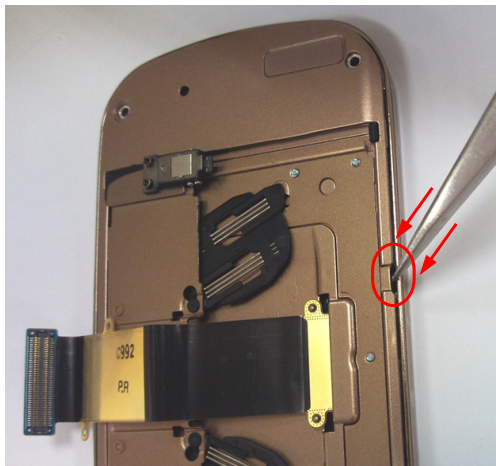
1) Be careful not to make scratch and molding damage!

14 1) Release screw 4 point at lower



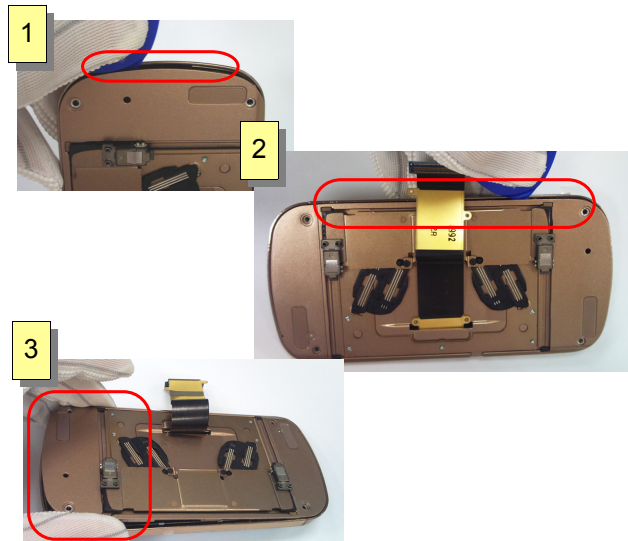
1) Be careful not to make scratch and molding damage!

15 1) Detach the lower from upper take advantage of disjoint point



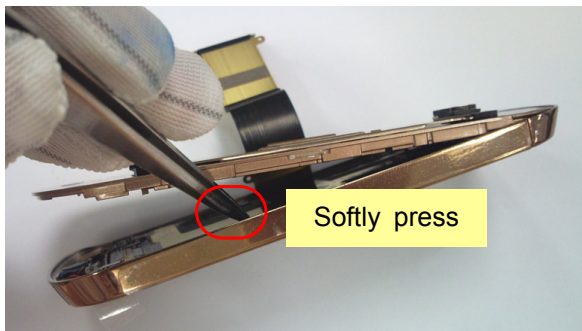
1) Be careful not to make scratch and molding damage!

16 1) Disjoint the rear from the upper ass'y



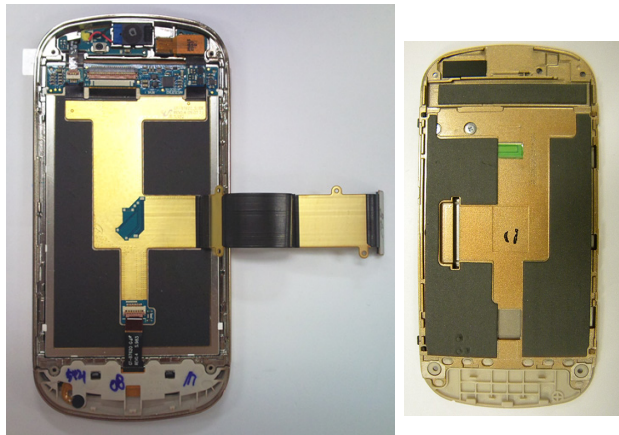
1) Be careful not to make scratch and molding damage!

17 1) Detach the LCD pannel from inner lower

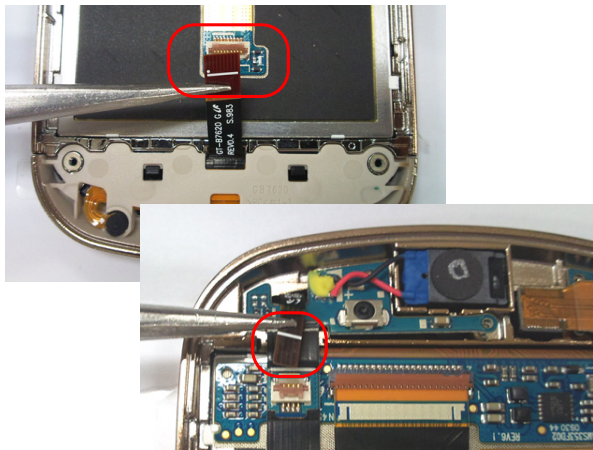


1) Beware that you do not damage LCD pannel !

18 1) Disassembled the upper ass'y and lower

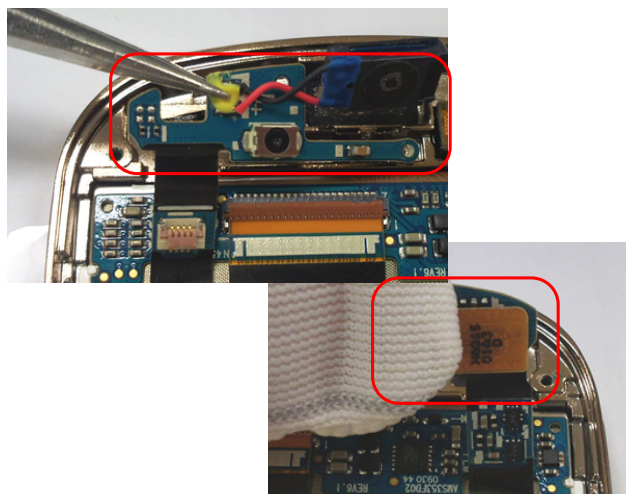


19 1) Draw out the sub key / TSP FPCB from the slide FPCB connector



1) Beware that you do not damage FPCB

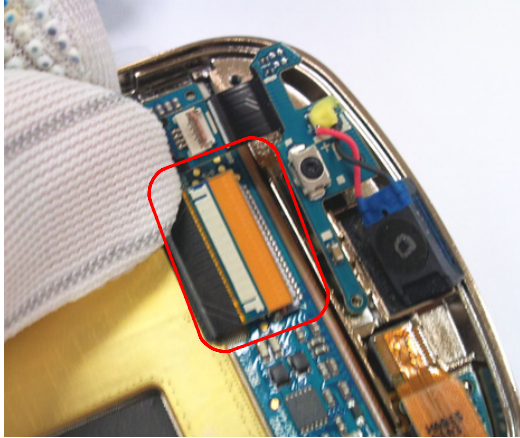
20 1) Detach the top of the slide FPCB 2areas from the upper



1) Beware that you do not damage FPCB

21

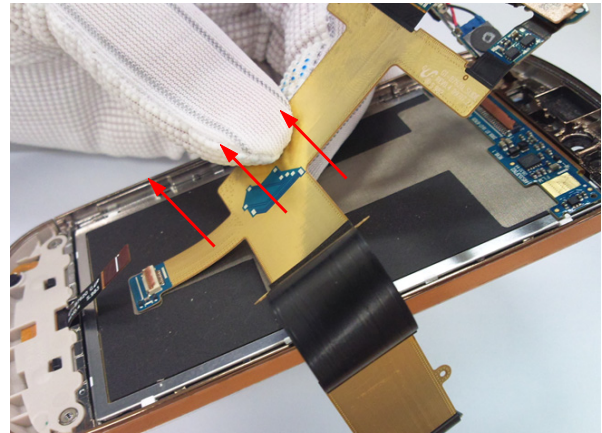
1) Draw out the slide FPCB from the LCD connector



1) Beware that you do not damage FPCB

22

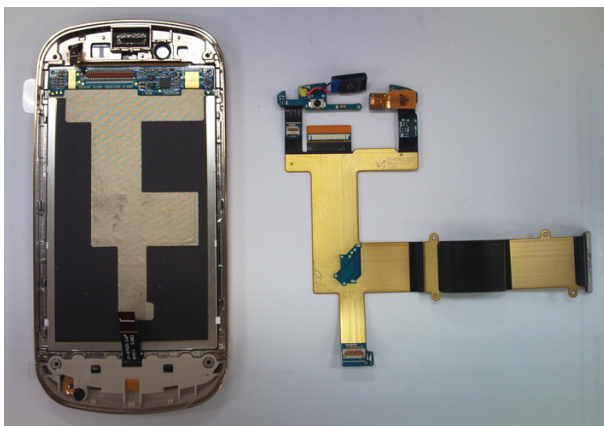
1) Slowly and cautiously, detach the slide FPCB from the LCD plate



1) Beware that you do not damage FPCB

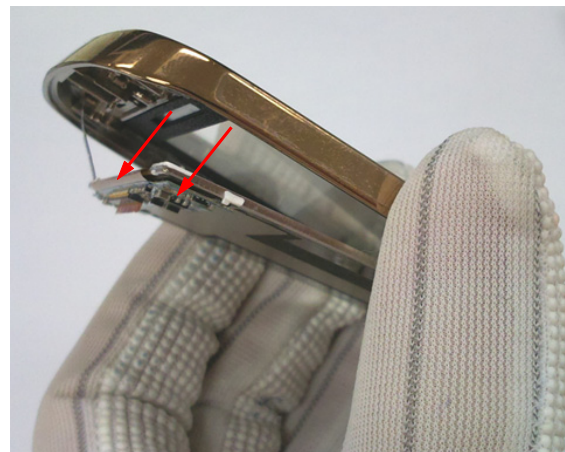
23

1) Disassembled upper ass'y and slide FPCB



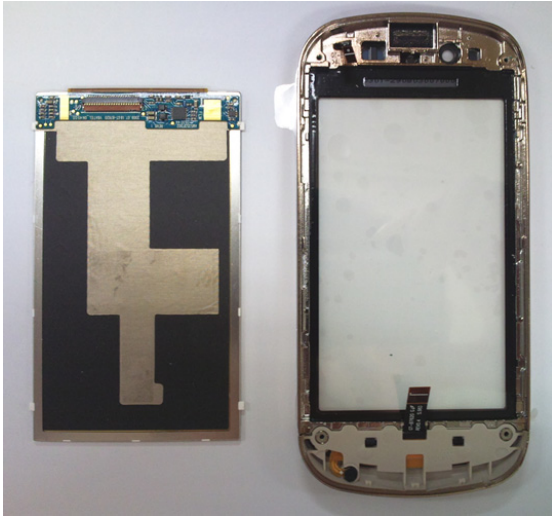
24

1) cautiously, detach the LCD from the upper's TSP panel

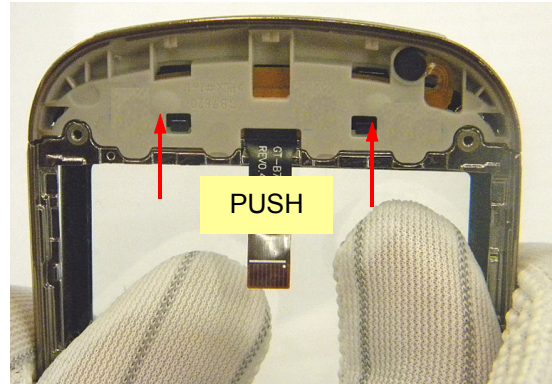


1) Be careful not to make scratch and molding damage!

25 1) Separated LCD and Upper ass'y

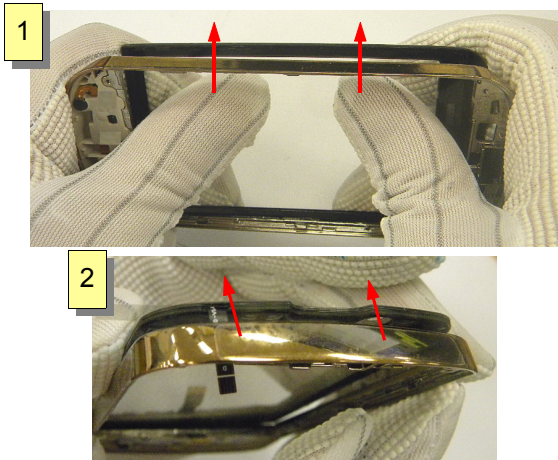


26 1) Push the bottom of TSP for detach TSP and upper



1) Be careful not to make scratch and molding damage!

27 1) Push the side of the TSP
2) Detach ahead of the top of TSP from upper cautiously

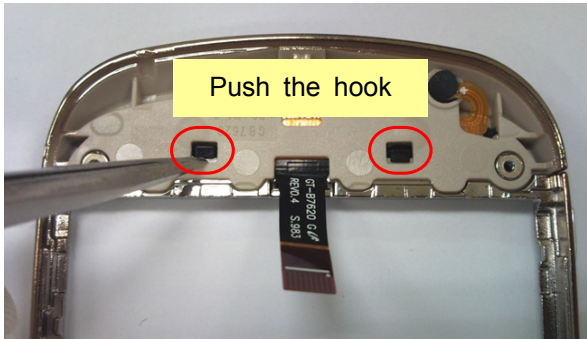


1) Be careful not to make scratch and molding damage!

28 1) Disassembled upper ass'y and TSP



29 1) Separate the sub key from the upper

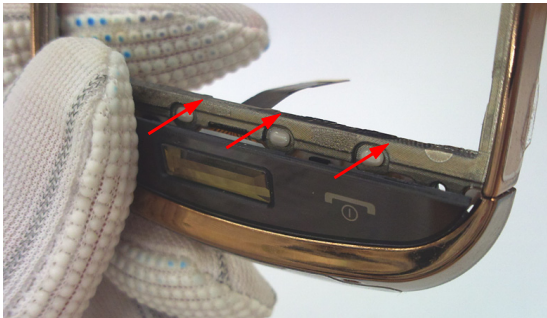
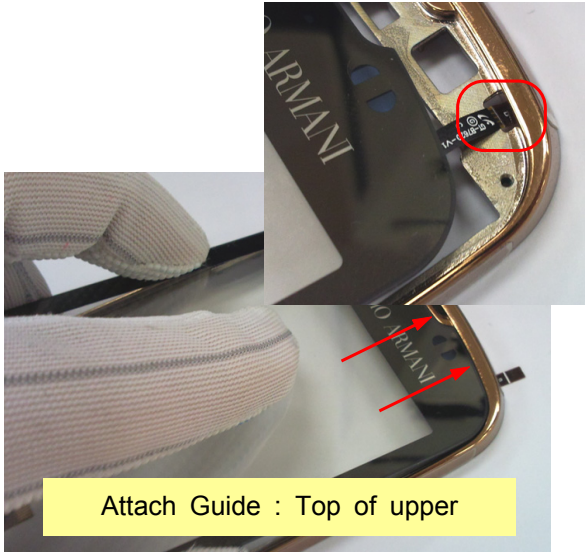


30 1) Disassembled sub keypad and upper



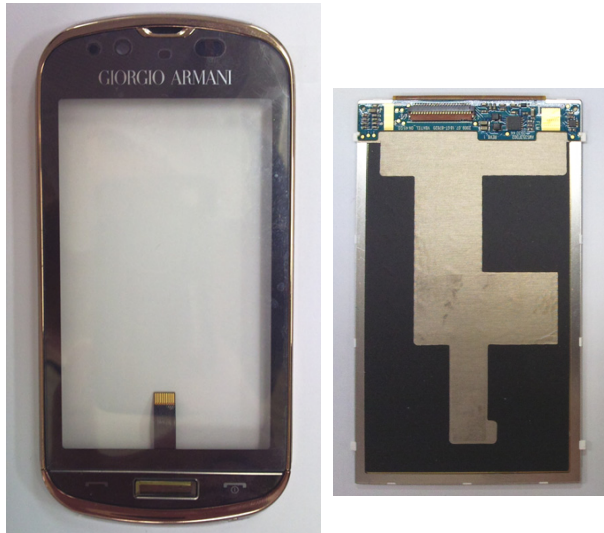
1) Be careful not to make scratch and molding damage!

11-2. Assembly

1 1) Set a sub keypad and upper 	2 1) Assemble the sub keypad to upper guide 
	1) Be careful not to make scratch and molding damage!
3 1) Set a upper ass'y and TSP 	4 1) Attach the TSP to the upper  Attach Guide : Top of upper
	1) Be careful not to make scratch and molding damage!

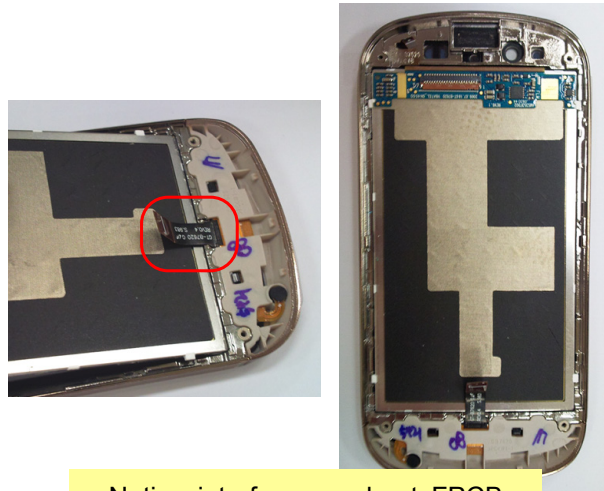
5

1) Set a upper ass'y and LCD



6

1) Attach the LCD to the upper ass'y

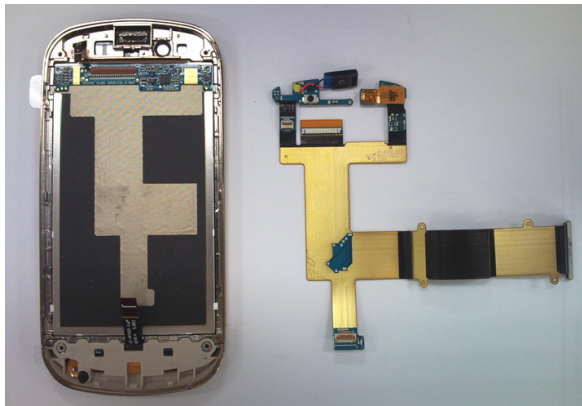


Notice interference about FPCB

2) Beware that you do not damage LCD

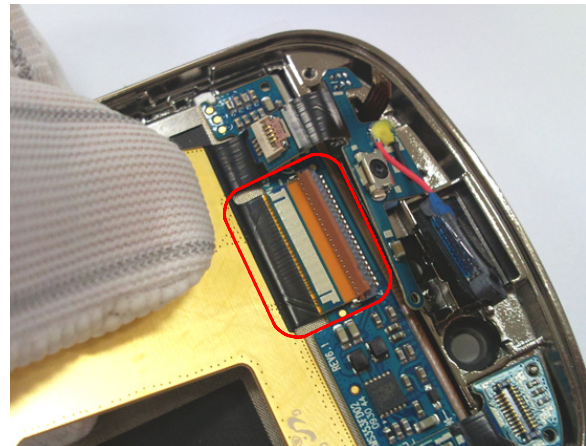
7

1) Set a upper ass'y and slide FPCB

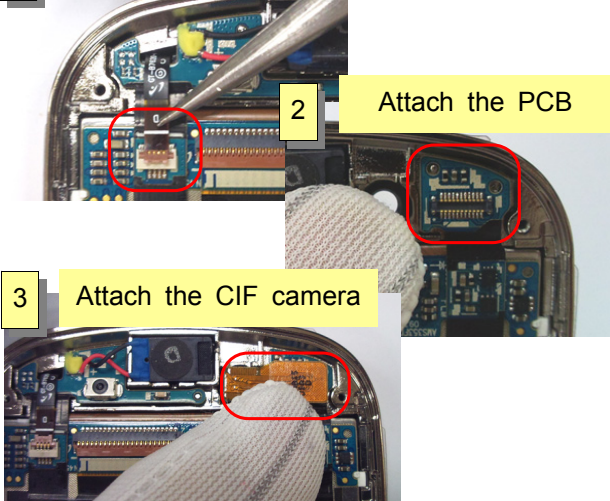
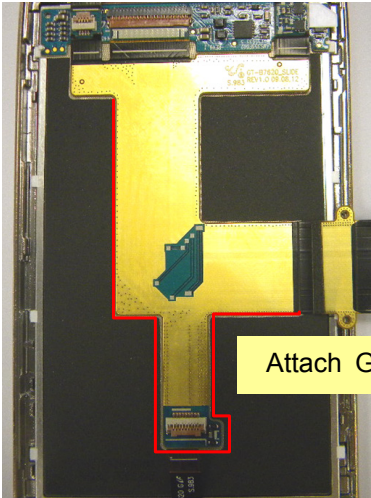
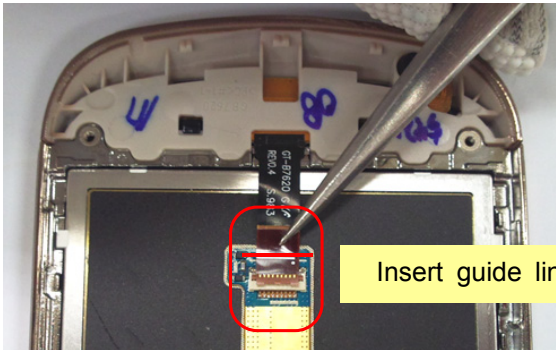
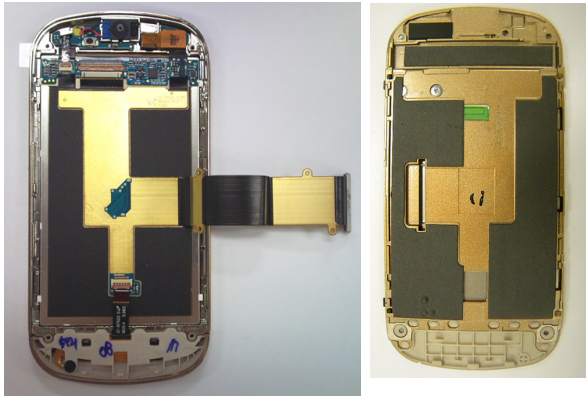


8

1) Insert slide FPCB into LCD connector
2) After insert it, Close the connector cover

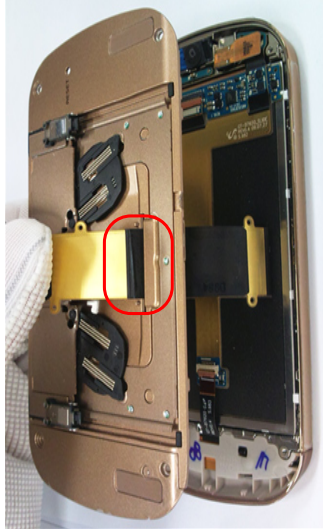


2) Beware that you do not damage slide FPCB

9 1) Attach the slide FPCB to the upper ass'y 1 Insert the TSP FPCB 2 Attach the PCB 3 Attach the CIF camera 	10 1) Attach the Slide FPCB to the back of LCD  Attach Guide line
2) Beware that you do not damage FPCB and this items	2) Beware that you do not damage slide FPCB
11 1) Insert sub key FPCB into the connector 2) After insert it, Close the connector cover  Insert guide line	12 1) Set a upper ass'y and lower 
2) Beware that you do not damage FPCB	

13

- 1) Go through the slide FPCB to the lower's hole

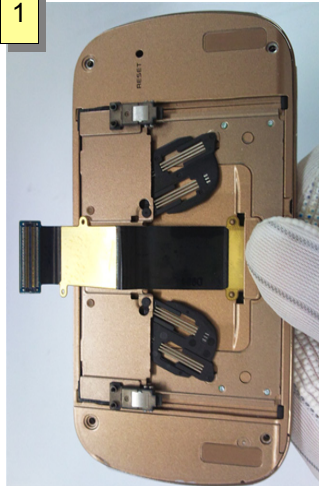


- 2) Beware that you do not damage slide FPCB

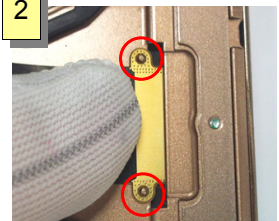
14

- 1) Assemble the upper ass'y and lower
- 2) Attach the slide FPCB to the lower

1



2

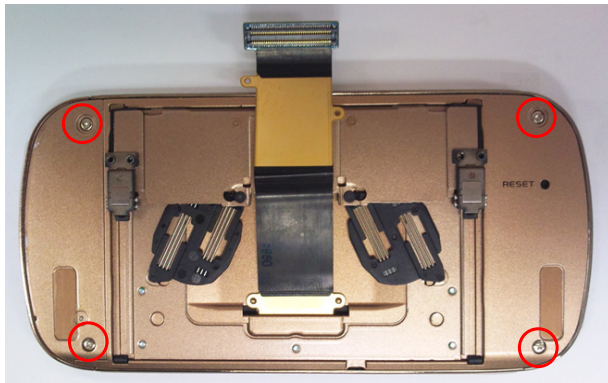


Attach guide rib

- 2) Beware that you do not damage slide FPCB

15

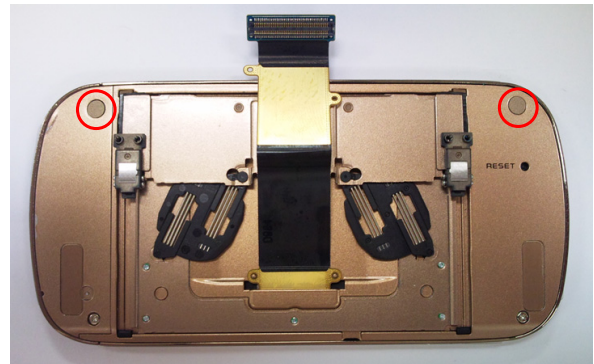
- 1) Drivers 4 screws on the lower



- 1) Be careful not to make scratch and molding damage!

16

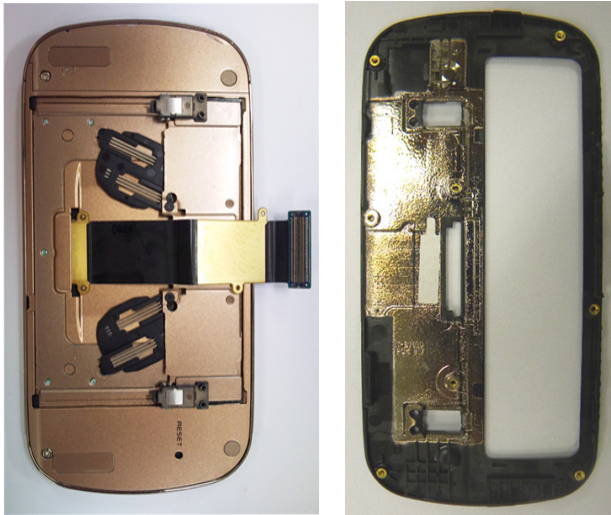
- 1) Attach the screw cap 2point



- 1) Be careful not to make scratch and molding damage!

17

1) Set a upper ass'y and front



18

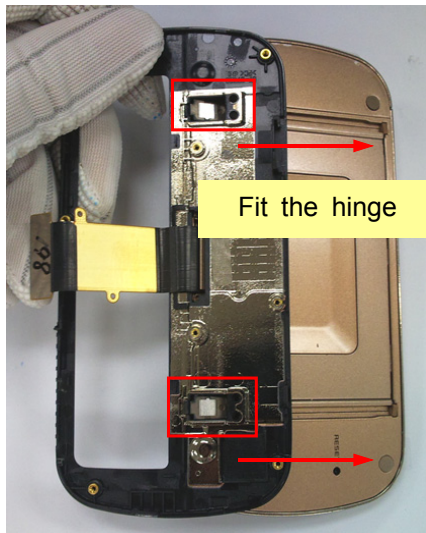
1) Go through the slide FPCB to the front's hole



2) Beware that you do not damage slide FPCB

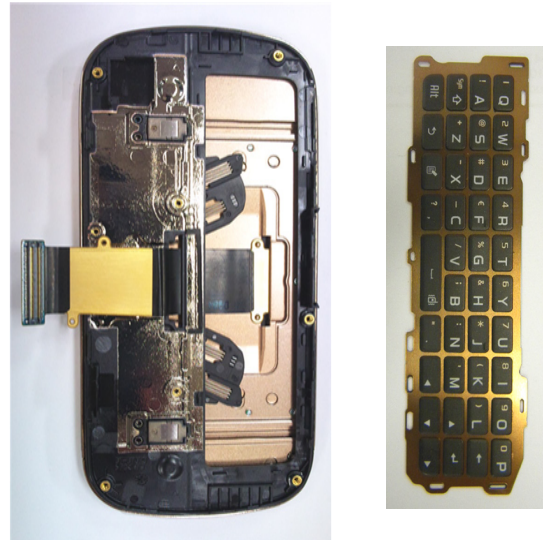
19

1) Assemble the upper ass'y and front



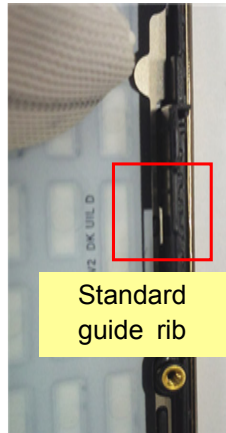
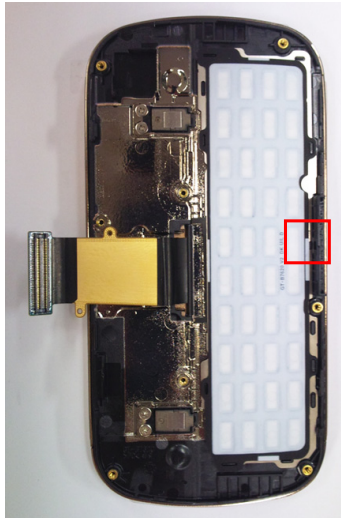
20

1) Set a front ass'y and qwerty keypad

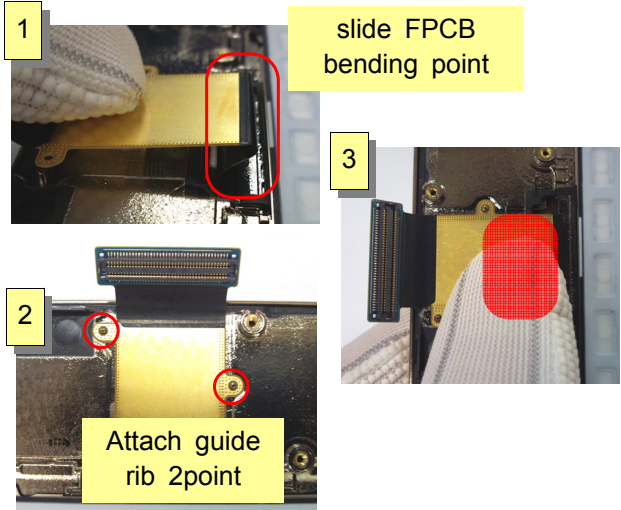


1) Be careful not to make scratch and molding damage!

21 1) Attach the qwerty keypad to front



22 1) Attach the slide FPCB to the front
2) After attached, press the FPCB



1) Be careful not to make scratch and molding damage!

2) Beware that you do not damage slide FPCB

23 1) Set a front ass'y and PBA

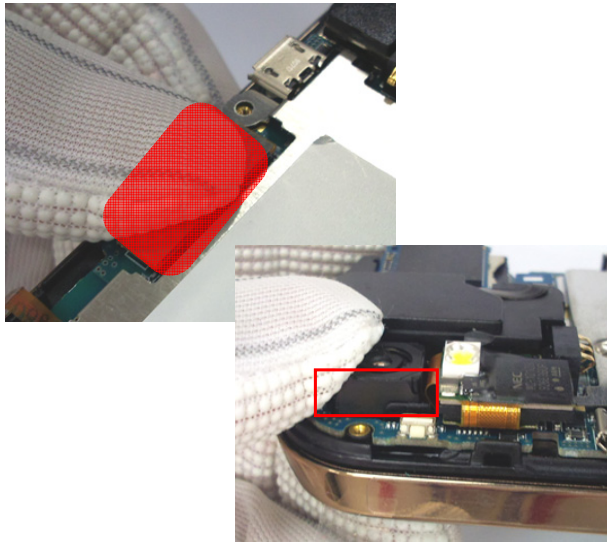


24 1) Assemble the PBA and front ass'y



25

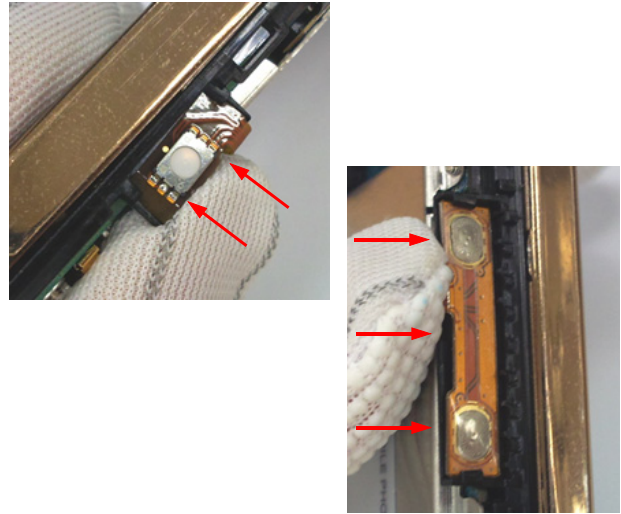
- 1) Attach the slide FPCB to connector
- 2) Insert the 5M Camera into the guide hole



- 2) Beware that you do not damage connector and items

26

- 1) Insert the volume key / camera key into the guide hole



- 2) Beware that you do not damage FPCB

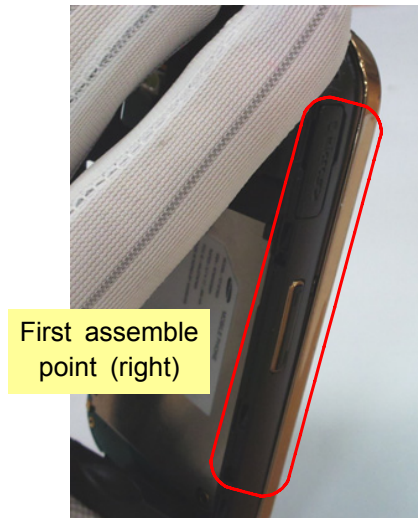
27

- 1) Set a front ass'y and rear



28

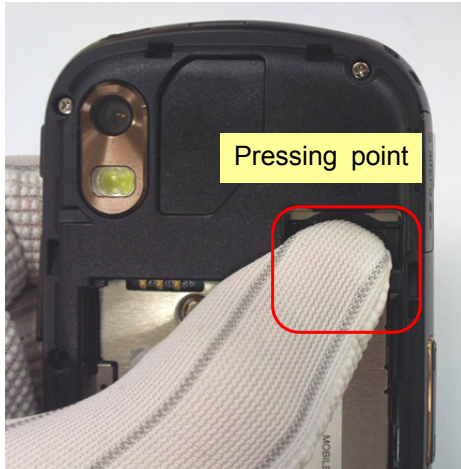
- 1) Assemble the front ass'y and rear



- 1) Be careful not to make scratch and molding damage!

29

1) Assemble the front ass'y and rear surely
press the sim socket area



1) Be careful not to make scratch and molding damage!

30

1) After assembling, Check the status of the
slide open point



1) Be careful not to make scratch and molding damage!

31

1) Drivers 5 screws on the rear



1) Be careful not to make scratch and molding damage!