

SAMSUNG

GSM TELEPHONE

GT-S3650

SERVICE *Manual*

GSM TELEPHONE



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**SAMSUNG
ELECTRONICS**



GSPN (Global Service Partner Network)

Country	Web Site
North America	service.samsungportal.com
Latin America	latin.samsungportal.com
CIS	cis.samsungportal.com
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2. Specification

2-1. GSM General Specification

	GSM900 Phase 1	GSM850 Phase 1	DCS1800 Phase 1	PCS1900
Freq. Band[MHz] Uplink/Downlink	880~915 925~960	824.2~848.8 869.2~893.8	1710~1785 1805~1880	1850~1910 1930~1990
ARFCN range	0~124 & 975~1023	128~251	512~885	512~810
Tx/Rx spacing	45MHz	45MHz	95MHz	80MHz
Mod. Bit rate/ Bit Period	270.833kbps 3.692us	270.833kbps 3.692us	270.833kbps 3.692us	270.833kbps 3.692us
Time Slot Period/Frame Period	576.9us 4.615ms	576.9us 4.615ms	576.9us 4.615ms	576.9us 4.615ms
Modulation	0.3GMSK	0.3GMSK	0.3GMSK	0.3GMSK
MS Power	33dBm~5dBm	33dBm~5dBm	30dBm~0dBm	30dBm~0dBm
Power Class	5pcl ~ 19pcl	5pcl ~ 19pcl	0pcl ~ 15pcl	0pcl ~ 15pcl
Sensitivity	-102dBm	-102dBm	-100dBm	-100dBm
TDMA Mux	8	8	8	8
Cell Radius	35Km	35Km	2Km	-

2-2. GSM Tx Power Class

TX Power control level	GSM850 GSM900	TX Power control level	DCS1800	TX Power control level	PCS1900
5	33±3 dBm	0	30±3 dBm	0	30±3 dBm
6	31±3 dBm	1	28±3 dBm	1	28±3 dBm
7	29±3 dBm	2	26±3 dBm	2	26±3 dBm
8	27±3 dBm	3	24±3 dBm	3	24±3 dBm
9	25±3 dBm	4	22±3 dBm	4	22±3 dBm
10	23±3 dBm	5	20±3 dBm	5	20±3 dBm
11	21±3 dBm	6	18±3 dBm	6	18±3 dBm
12	19±3 dBm	7	16±3 dBm	7	16±3 dBm
13	17±3 dBm	8	14±3 dBm	8	14±3 dBm
14	15±3 dBm	9	12±4 dBm	9	12±4 dBm
15	13±3 dBm	10	10±4 dBm	10	10±4 dBm
16	11±5 dBm	11	8±4dBm	11	8±4dBm
17	9±5 dBm	12	6±4 dBm	12	6±4 dBm
18	7±5 dBm	13	4±4 dBm	13	4±4 dBm
19	5±5 dBm	14	2±5 dBm	14	2±5 dBm
		15	0±5 dBm	15	0±5 dBm

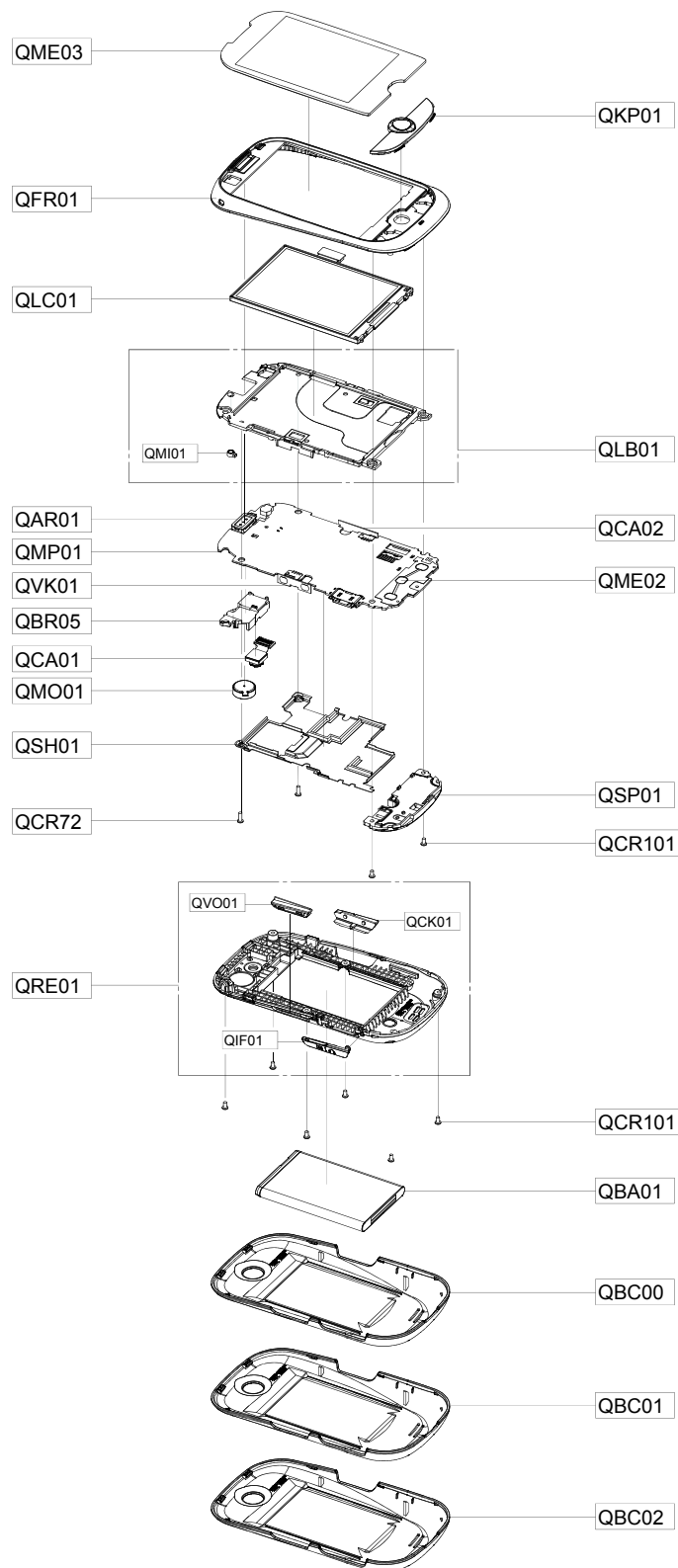
2-3. GSM EDGE TX power class

Only in Master

TX Power control level	GSM900 GSM850	TX Power control level	DCS1800	TX Power control level	PCS1900
8	27±3 dBm	2	26±3 dBm	2	26±3 dBm
9	25±3 dBm	3	24±3 dBm	3	24±3 dBm
10	23±3 dBm	4	22±3 dBm	4	22±3 dBm
11	21±3 dBm	5	20±3 dBm	5	20±3 dBm
12	19±3 dBm	6	18±3 dBm	6	18±3 dBm
13	17±3 dBm	7	16±3 dBm	7	16±3 dBm
14	15±3 dBm	8	12±3 dBm	8	12±3 dBm
15	13±3 dBm	9	10±3 dBm	9	10±3 dBm
16	11±5 dBm	10	14±3 dBm	10	14±3 dBm
17	9±5 dBm	11	12±4 dBm	11	12±4 dBm
18	7±5 dBm	12	10±4 dBm	12	10±4 dBm
19	5±5 dBm	13	8±4dBm	13	8±4dBm
		14	6±4 dBm	14	6±4 dBm
		15	4±4 dBm	15	4±4 dBm

5. Exploded View and Parts List

5-1. Cellular phone Exploded View



5-2. Cellular phone Parts list

Design LOC		Discription	SEC CODE
QAR01		AUDIO-RECEIVER	3009-001387
QBA01		INNER BATTERY PACK-960MAH,BLK,UNI,MAIN	GH43-03216A
QBC00		ASSY COVER-BATTERY	GH98-13936A
QBC01		ASSY COVER-BATTERY(IK)	GH98-13936E
QBC02		ASSY COVER-BATTERY ADDED	GH98-15010A
QBR05		ASSY BRACKET-CAMERA	GH98-15105A
QCA01		CAMERA MODULE-GT-S3650_2.0M	GH59-08173A
QCA02		KEY FPCB-GT-S3650 CAM FPCB	GH59-07882A
QCR101		SCREW-MACHINE	6001-002005
QCR72		SCREW-MACHINE	6001-002051
QFR01		ASSY CASE-FRONT	GH98-13888A
QKP01		ASSY KEYPAD-(BLACK/OPEN)	GH98-13935A
QLC01		ELA MODULE-GT_S3650 LCD	GH96-04006A
QME02		DOME SHEET-SUB KEY(GT-S3650)	GH59-07885A
QME03		TOUCH/PANEL-GTS3650	GH59-08114A
QMO01		MOTOR DC-SCHC250	GH31-00323A
QMP01		A/S ASSY-PBA MAIN GT_S3650L	GH82-04094A
QSH01		ASSY BRACKET-SHIELD REAR	GH98-13934A
QSP01		MODULE-GTS3650L_SPK	GH59-08421A
QVK01		KEY FPCB-GT-S3650 VOL FPCB	GH59-07881A
QLB01		ASSY BRACKET-LCD V2	GH98-14828A
	QMI03	RMO RUBBER-MIC UP	GH73-13137A
QRE01		ASSY CASE-REAR	GH98-13889A
	QIF01	PMO COVER-IF V3	GH72-56516A
	QCK01	ASSY KEY-CAMERA	GH98-15162A
	QVO01	ASSY KEY-VOLUME	GH98-15163A

6. MAIN Electrical Parts List

SEC CODE	Design LOC	Description
0403-001688	ZD300	DIODE-ZENER
0406-001286	ZD404	DIODE-TVS
0406-001286	ZD406	DIODE-TVS
0406-001288	ZD301	DIODE-TVS
0406-001288	ZD400	DIODE-TVS
0406-001288	ZD401	DIODE-TVS
0406-001288	ZD402	DIODE-TVS
0406-001288	ZD403	DIODE-TVS
0406-001288	ZD500	DIODE-TVS
0406-001288	ZD503	DIODE-TVS
0406-001288	ZD504	DIODE-TVS
0502-001322	Q300	TR-POWER
0505-001518	Q200	FET-SILICON
0801-003026	U301	IC
0801-003130	U200	IC
1001-001410	U400	IC
1108-000296	UME200	MEMORY
1201-002494	U302	IC
1201-002932	U504	IC
1201-002943	PAM100	IC
1203-004604	U501	IC
1203-004925	U401	IC
1203-005521	U502	IC
1203-005562	U300	IC
1205-003656	UCP200	IC
1205-003839	U102	IC
1404-001221	VR200	THERMISTOR
2007-000138	R208	R-CHIP
2007-000138	R305	R-CHIP
2007-000138	R412	R-CHIP
2007-000140	R107	R-CHIP
2007-000140	R111	R-CHIP
2007-000141	R404	R-CHIP
2007-000141	R406	R-CHIP
2007-000143	R207	R-CHIP
2007-000143	R413	R-CHIP

SEC CODE	Design LOC	Description
2007-000144	R209	R-CHIP
2007-000144	R210	R-CHIP
2007-000144	R211	R-CHIP
2007-000144	R212	R-CHIP
2007-000144	R310	R-CHIP
2007-000148	R313	R-CHIP
2007-000152	R215	R-CHIP
2007-000157	R308	R-CHIP
2007-000157	R309	R-CHIP
2007-000157	R311	R-CHIP
2007-000157	R312	R-CHIP
2007-000162	R102	R-CHIP
2007-000162	R104	R-CHIP
2007-000162	R220	R-CHIP
2007-000162	R306	R-CHIP
2007-000162	R317	R-CHIP
2007-000162	R401	R-CHIP
2007-000162	R405	R-CHIP
2007-000162	R408	R-CHIP
2007-000162	R411	R-CHIP
2007-000162	R416	R-CHIP
2007-000162	R500	R-CHIP
2007-000162	R501	R-CHIP
2007-000164	R314	R-CHIP
2007-000164	R315	R-CHIP
2007-000165	R307	R-CHIP
2007-000172	R407	R-CHIP
2007-001319	R203	R-CHIP
2007-001319	R204	R-CHIP
2007-001319	R217	R-CHIP
2007-001319	R222	R-CHIP
2007-001319	R417	R-CHIP
2007-001319	R418	R-CHIP
2007-001333	R213	R-CHIP
2007-001339	R214	R-CHIP
2007-002796	R409	R-CHIP

SEC CODE	Design LOC	Description
2007-002796	R410	R-CHIP
2007-003014	R206	R-CHIP
2007-003018	R105	R-CHIP
2007-003018	R106	R-CHIP
2007-007100	R304	R-CHIP
2007-007132	R113	R-CHIP
2007-007156	R414	R-CHIP
2007-007156	R415	R-CHIP
2007-007193	R200	R-CHIP
2007-007312	R216	R-CHIP
2007-007315	R219	R-CHIP
2007-007981	R201	R-CHIP
2007-007981	R202	R-CHIP
2007-008275	R301	R-CHIP
2007-008401	R205	R-CHIP
2007-010071	R302	R-CHIP
2203-000233	C118	C-CERAMIC,CHIP
2203-000233	C235	C-CERAMIC,CHIP
2203-000233	C342	C-CERAMIC,CHIP
2203-000254	C104	C-CERAMIC,CHIP
2203-000254	C222	C-CERAMIC,CHIP
2203-000254	C237	C-CERAMIC,CHIP
2203-000254	C309	C-CERAMIC,CHIP
2203-000254	C336	C-CERAMIC,CHIP
2203-000254	C435	C-CERAMIC,CHIP
2203-000278	C100	C-CERAMIC,CHIP
2203-000278	C103	C-CERAMIC,CHIP
2203-000311	C419	C-CERAMIC,CHIP
2203-000311	C429	C-CERAMIC,CHIP
2203-000386	C416	C-CERAMIC,CHIP
2203-000386	C417	C-CERAMIC,CHIP
2203-000386	C420	C-CERAMIC,CHIP
2203-000386	C423	C-CERAMIC,CHIP
2203-000386	C426	C-CERAMIC,CHIP
2203-000425	C219	C-CERAMIC,CHIP
2203-000438	C233	C-CERAMIC,CHIP

SEC CODE	Design LOC	Description
2203-000438	C424	C-CERAMIC,CHIP
2203-000489	C332	C-CERAMIC,CHIP
2203-000489	C343	C-CERAMIC,CHIP
2203-000550	C310	C-CERAMIC,CHIP
2203-000550	C311	C-CERAMIC,CHIP
2203-000654	C108	C-CERAMIC,CHIP
2203-000679	C129	C-CERAMIC,CHIP
2203-000812	C119	C-CERAMIC,CHIP
2203-000812	C130	C-CERAMIC,CHIP
2203-000812	C134	C-CERAMIC,CHIP
2203-000812	C135	C-CERAMIC,CHIP
2203-000812	C307	C-CERAMIC,CHIP
2203-000812	C401	C-CERAMIC,CHIP
2203-000812	C402	C-CERAMIC,CHIP
2203-000812	C430	C-CERAMIC,CHIP
2203-000854	C232	C-CERAMIC,CHIP
2203-000854	C236	C-CERAMIC,CHIP
2203-000995	C205	C-CERAMIC,CHIP
2203-000995	C216	C-CERAMIC,CHIP
2203-000995	C231	C-CERAMIC,CHIP
2203-001101	C223	C-CERAMIC,CHIP
2203-001153	C432	C-CERAMIC,CHIP
2203-001153	C433	C-CERAMIC,CHIP
2203-001221	C127	C-CERAMIC,CHIP
2203-005234	C112	C-CERAMIC,CHIP
2203-005281	C115	C-CERAMIC,CHIP
2203-005450	C124	C-CERAMIC,CHIP
2203-005482	C105	C-CERAMIC,CHIP
2203-005482	C107	C-CERAMIC,CHIP
2203-005482	C128	C-CERAMIC,CHIP
2203-005482	C313	C-CERAMIC,CHIP
2203-005482	C422	C-CERAMIC,CHIP
2203-005482	C425	C-CERAMIC,CHIP
2203-006048	C201	C-CERAMIC,CHIP
2203-006048	C208	C-CERAMIC,CHIP
2203-006048	C210	C-CERAMIC,CHIP

SEC CODE	Design LOC	Description
2203-006048	C211	C-CERAMIC,CHIP
2203-006048	C212	C-CERAMIC,CHIP
2203-006048	C213	C-CERAMIC,CHIP
2203-006048	C217	C-CERAMIC,CHIP
2203-006048	C218	C-CERAMIC,CHIP
2203-006048	C306	C-CERAMIC,CHIP
2203-006048	C418	C-CERAMIC,CHIP
2203-006048	C434	C-CERAMIC,CHIP
2203-006048	C436	C-CERAMIC,CHIP
2203-006048	C437	C-CERAMIC,CHIP
2203-006048	U506	C-CERAMIC,CHIP
2203-006257	C406	C-CERAMIC,CHIP
2203-006257	C407	C-CERAMIC,CHIP
2203-006260	C404	C-CERAMIC,CHIP
2203-006260	C405	C-CERAMIC,CHIP
2203-006348	C308	C-CERAMIC,CHIP
2203-006399	C101	C-CERAMIC,CHIP
2203-006399	C102	C-CERAMIC,CHIP
2203-006399	C126	C-CERAMIC,CHIP
2203-006399	C132	C-CERAMIC,CHIP
2203-006399	C133	C-CERAMIC,CHIP
2203-006399	C207	C-CERAMIC,CHIP
2203-006399	C229	C-CERAMIC,CHIP
2203-006399	C230	C-CERAMIC,CHIP
2203-006399	C304	C-CERAMIC,CHIP
2203-006399	C338	C-CERAMIC,CHIP
2203-006399	C340	C-CERAMIC,CHIP
2203-006399	C341	C-CERAMIC,CHIP
2203-006399	C514	C-CERAMIC,CHIP
2203-006399	C515	C-CERAMIC,CHIP
2203-006399	C521	C-CERAMIC,CHIP
2203-006562	C209	C-CERAMIC,CHIP
2203-006562	C319	C-CERAMIC,CHIP
2203-006562	C328	C-CERAMIC,CHIP
2203-006562	C333	C-CERAMIC,CHIP
2203-006562	C400	C-CERAMIC,CHIP

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2203-006562	C410	C-CERAMIC,CHIP
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2203-006562	C502	C-CERAMIC,CHIP
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2203-006681	C214	C-CERAMIC,CHIP
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2203-006681	C225	C-CERAMIC,CHIP
2203-006681	C227	C-CERAMIC,CHIP
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2203-006872	C204	C-CERAMIC,CHIP
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2203-006872	C224	C-CERAMIC,CHIP
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2203-006872	C315	C-CERAMIC,CHIP
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2203-006872	C321	C-CERAMIC,CHIP
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2203-006872	C323	C-CERAMIC,CHIP
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2203-007271	C403	C-CERAMIC,CHIP
2203-007271	C428	C-CERAMIC,CHIP
2203-007271	C506	C-CERAMIC,CHIP
2404-001339	C312	C-TA,CHIP
2404-001381	TA301	C-TA,CHIP
2404-001381	TA400	C-TA,CHIP
2404-001414	TA401	C-TA,CHIP
2404-001430	TA300	C-TA,CHIP
2404-001496	TA100	C-TA,CHIP
2703-001726	L114	INDUCTOR-SMD
2703-001726	L115	INDUCTOR-SMD
2703-002199	L108	INDUCTOR-SMD
2703-002199	L111	INDUCTOR-SMD
2703-002203	L104	INDUCTOR-SMD
2703-002203	L105	INDUCTOR-SMD
2703-002208	L102	INDUCTOR-SMD
2703-002208	L106	INDUCTOR-SMD
2703-002208	L107	INDUCTOR-SMD
2703-002208	L112	INDUCTOR-SMD
2703-002208	L122	INDUCTOR-SMD
2703-002281	L113	INDUCTOR-SMD
2703-002281	L116	INDUCTOR-SMD
2703-002281	L117,	INDUCTOR-SMD
2703-002281	L120	INDUCTOR-SMD
2703-002308	L109	INDUCTOR-SMD
2703-002313	L402	INDUCTOR-SMD
2703-002313	L403	INDUCTOR-SMD
2703-002314	L103	INDUCTOR-SMD
2703-002314	L118	INDUCTOR-SMD
2703-002314	L119	INDUCTOR-SMD

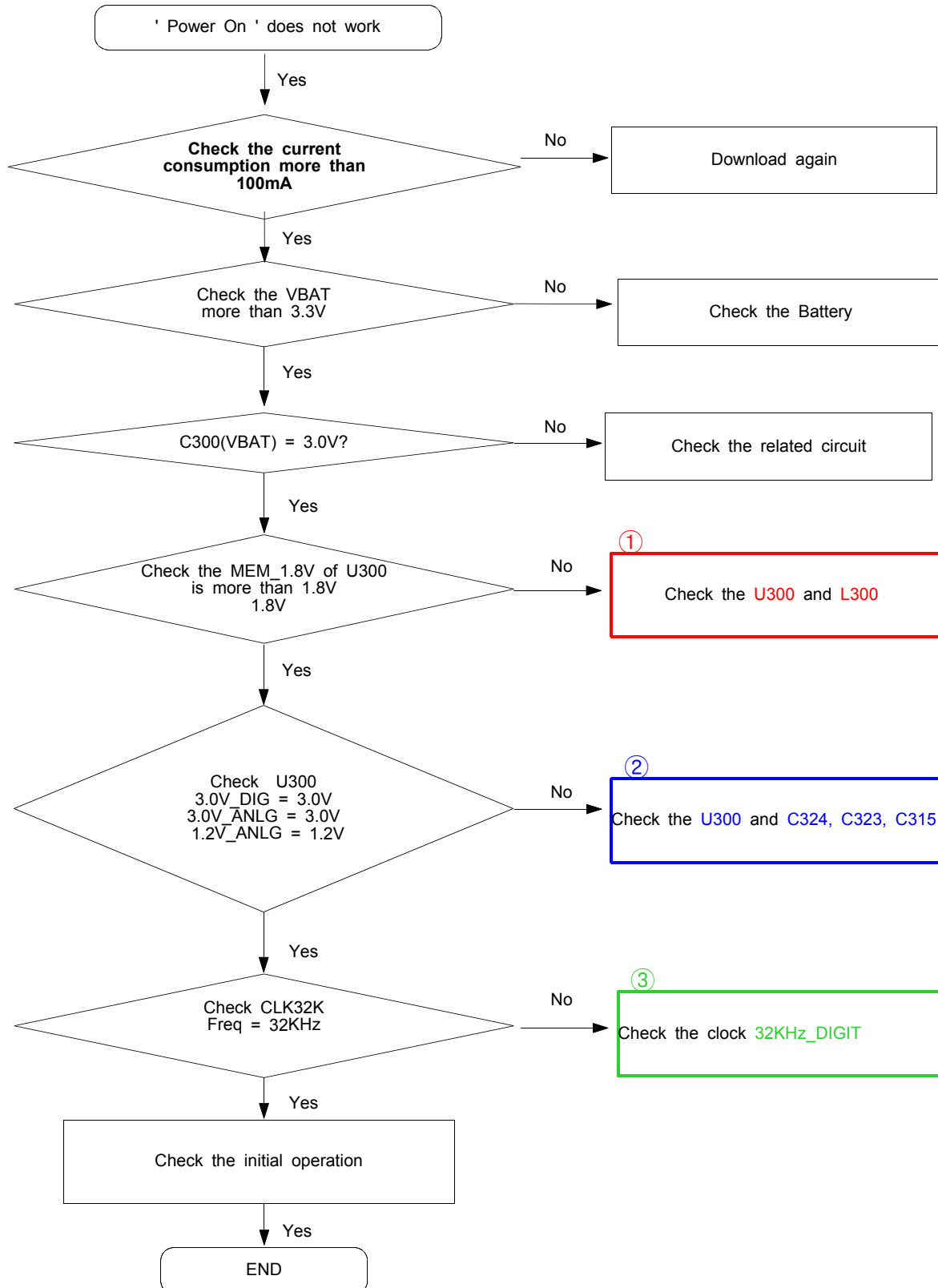
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2703-002369	L110	INDUCTOR-SMD
2703-003476	L412	INDUCTOR-SMD
2703-003476	L413	INDUCTOR-SMD
2703-003476	L414	INDUCTOR-SMD
2703-003545	L300	INDUCTOR-SMD
2703-003545	L301	INDUCTOR-SMD
2801-004373	OSC300	CRYSTAL-UNIT
2801-004815	OSC200	CRYSTAL-UNIT
2901-001435	F500	FILTER-EMI SMD
2901-001435	F501	FILTER-EMI SMD
2901-001435	F502	FILTER-EMI SMD
2901-001544	F400	FILTER-EMI SMD
2904-001912	F101	FILTER-SAW
2904-001913	F102	FILTER-SAW
2909-001312	F100	FILTER-DUPLEXER
3003-001138	MIC400	MIC-CONDENSOR
3003-001138	MIC401	MIC-CONDENSOR
3301-001659	L100	CORE-FERRITE BEAD
3301-001659	L101	CORE-FERRITE BEAD
3301-001659	L121	CORE-FERRITE BEAD
3301-001659	L200	CORE-FERRITE BEAD
3301-001659	L201	CORE-FERRITE BEAD
3301-001885	L405	CORE-FERRITE BEAD
3301-001885	L406	CORE-FERRITE BEAD
3301-001885	L407	CORE-FERRITE BEAD
3301-001885	L408	CORE-FERRITE BEAD
3301-001885	L409	CORE-FERRITE BEAD
3301-001885	L411	CORE-FERRITE BEAD
3301-001970	L501	CORE-FERRITE BEAD
3301-001970	L502	CORE-FERRITE BEAD
3705-001503	RFS100	CONNECTOR-COAXIAL
3708-002015	SLC400	CONNECTOR-FPC/FFC/PIC
3709-001488	SIM300	CONNECTOR-CARD EDGE
3709-001580	CD300	CONNECTOR-CARD EDGE
3710-002534	IFC400	CONNECTOR-SOCKET
3711-006105	HEA505	CONNECTOR-HEADER

SEC CODE	Design LOC	Description
3711-006405	HEA504	CONNECTOR-HEADER
3711-006808	BTC300	CONNECTOR-HEADER
4202-001463	ANT102	ANTENNA-CHIP
4302-001180	BAT300	BATTERY
GH70-03276A	SC100	ICT SHIELD-CAN CLIP
GH70-03276A	SC101	ICT SHIELD-CAN CLIP
GH70-03276A	SC103	ICT SHIELD-CAN CLIP
GH70-03276A	SC104	ICT SHIELD-CAN CLIP
GH71-08426A	ANT100	NPR-CONTACT ANT;HJ-ICT-02
GH71-08426A	ANT101	NPR-CONTACT ANT;HJ-ICT-02
GH80-03320A	R103	SOLDER-CREAM/SMT KOREA(FREE)
GH80-03320A	R316	SOLDER-CREAM/SMT KOREA(FREE)
GH80-03320A	R318	SOLDER-CREAM/SMT KOREA(FREE)
GH80-03320A	R419	SOLDER-CREAM/SMT KOREA(FREE)

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

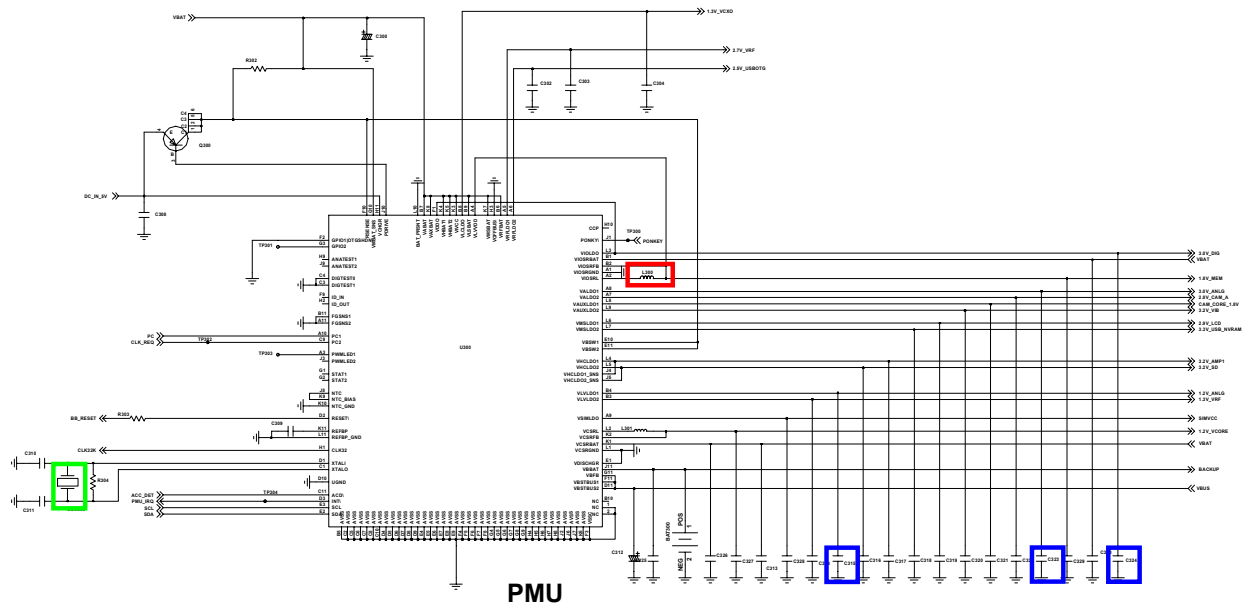
9. Flow Chart of Troubleshooting

9-1. Power On

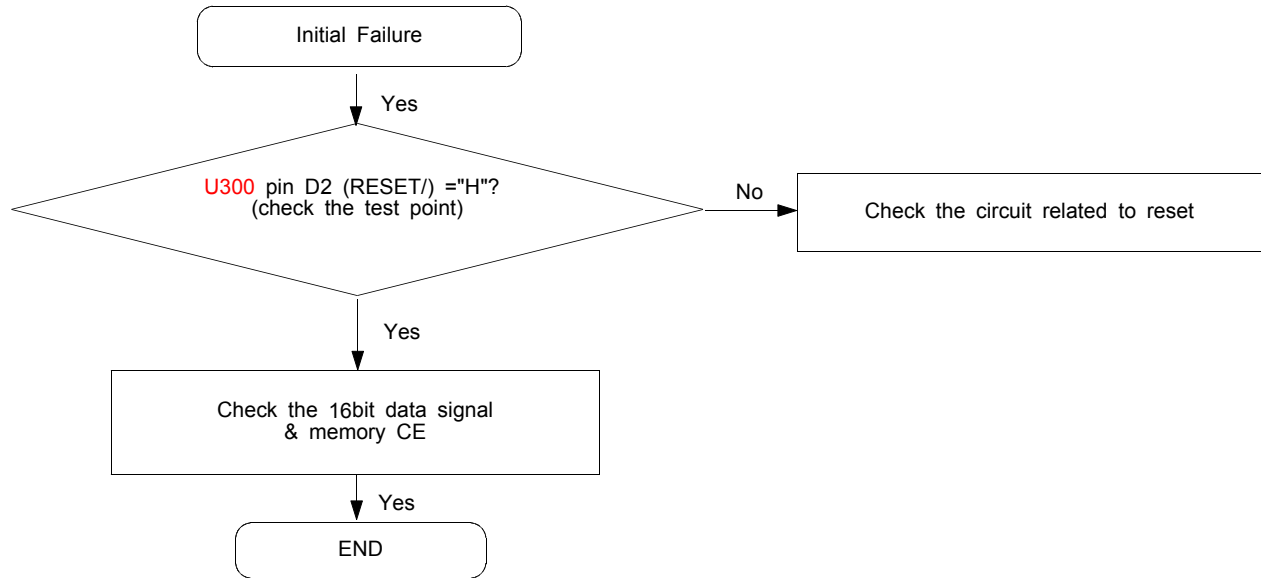


Flow Chart of Troubleshooting

ACCEPT AS AUTHORIZED BY SAMSUNG.

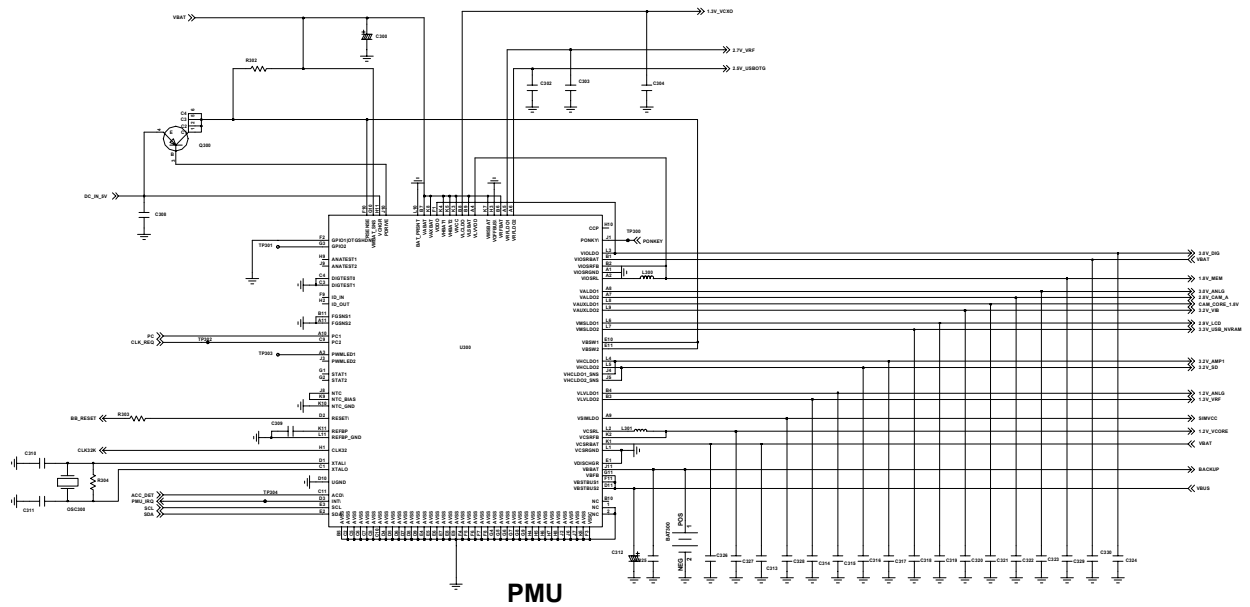


9-2. Initial

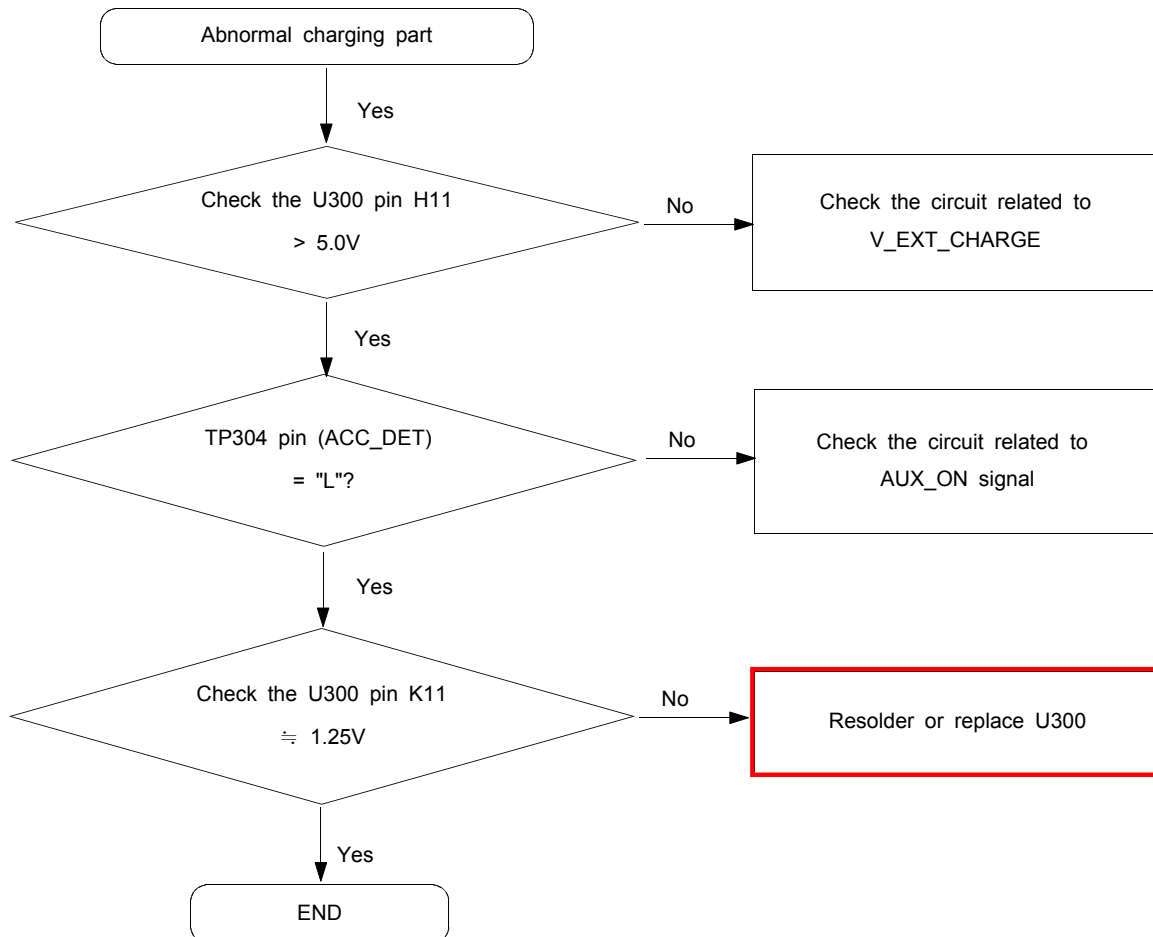


Flow Chart of Troubleshooting

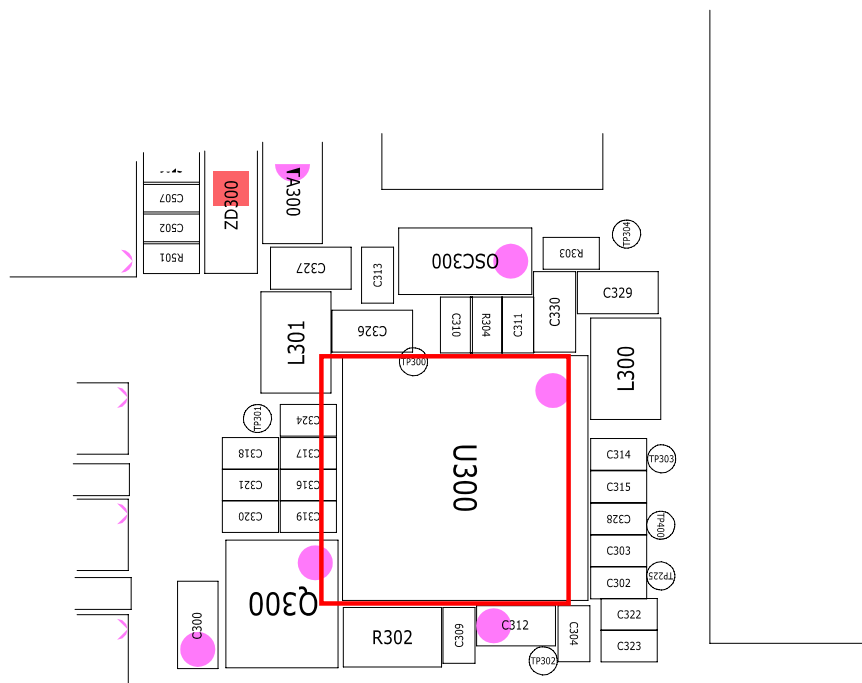
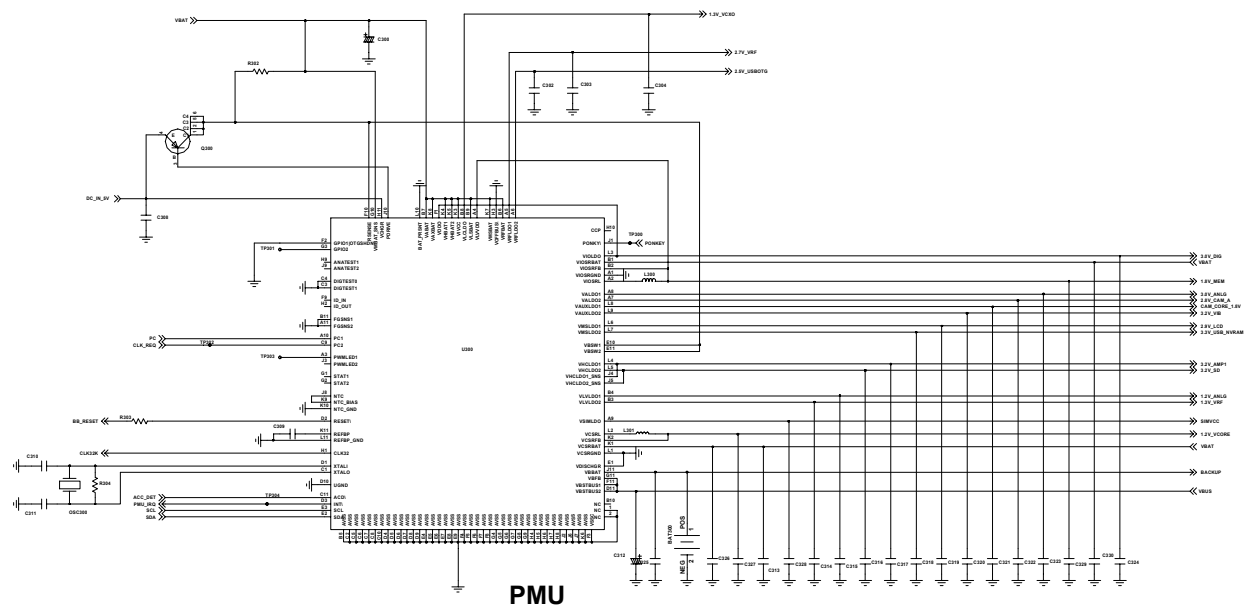
ACCEPT AS AUTHORIZED BY SAMSUNG.



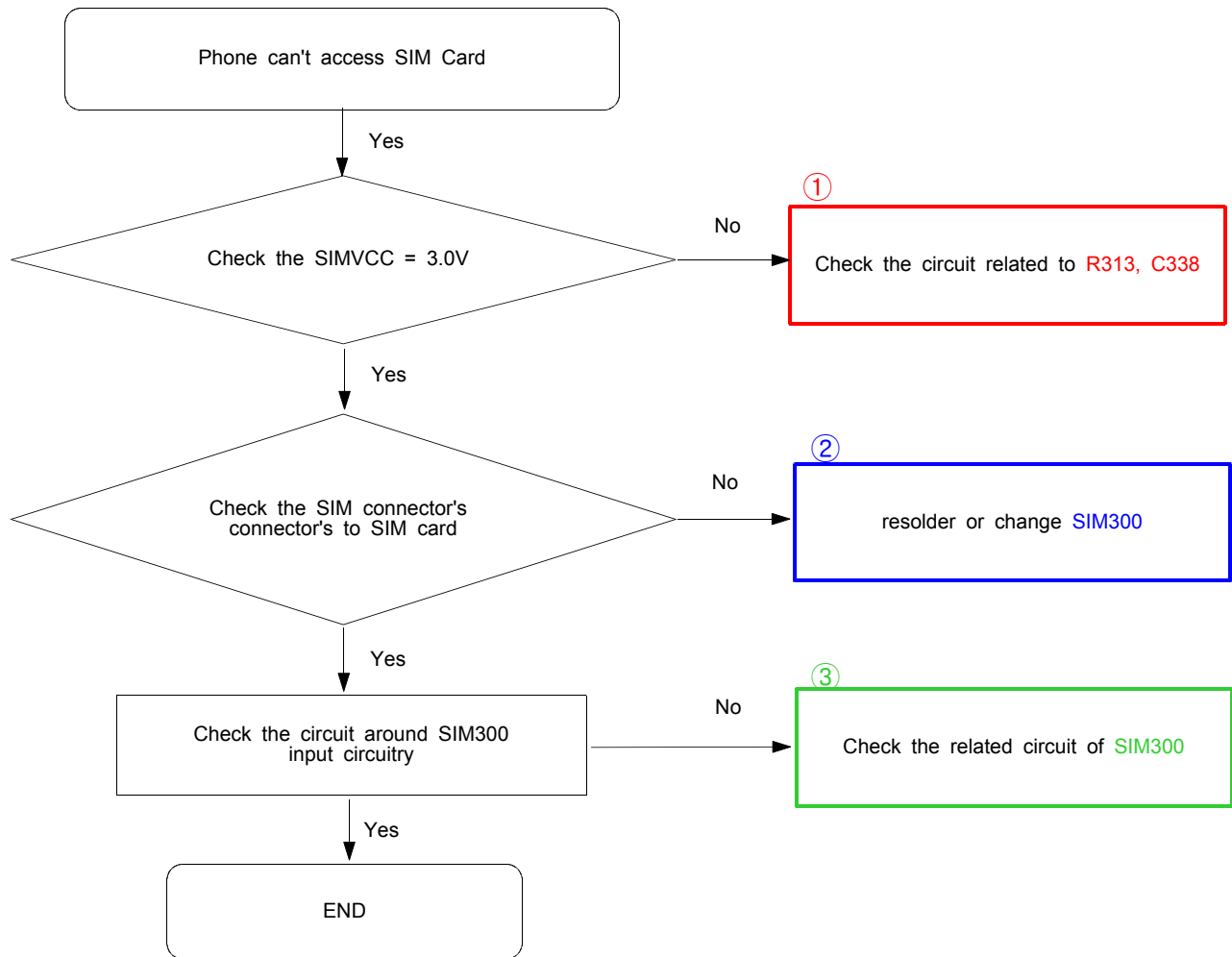
9-3. Charging Part

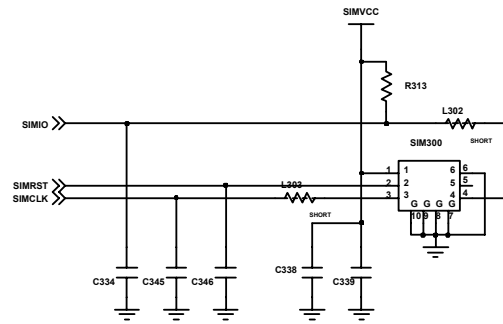


EXCEPT AS AUTHORIZED BY SAMSUNG



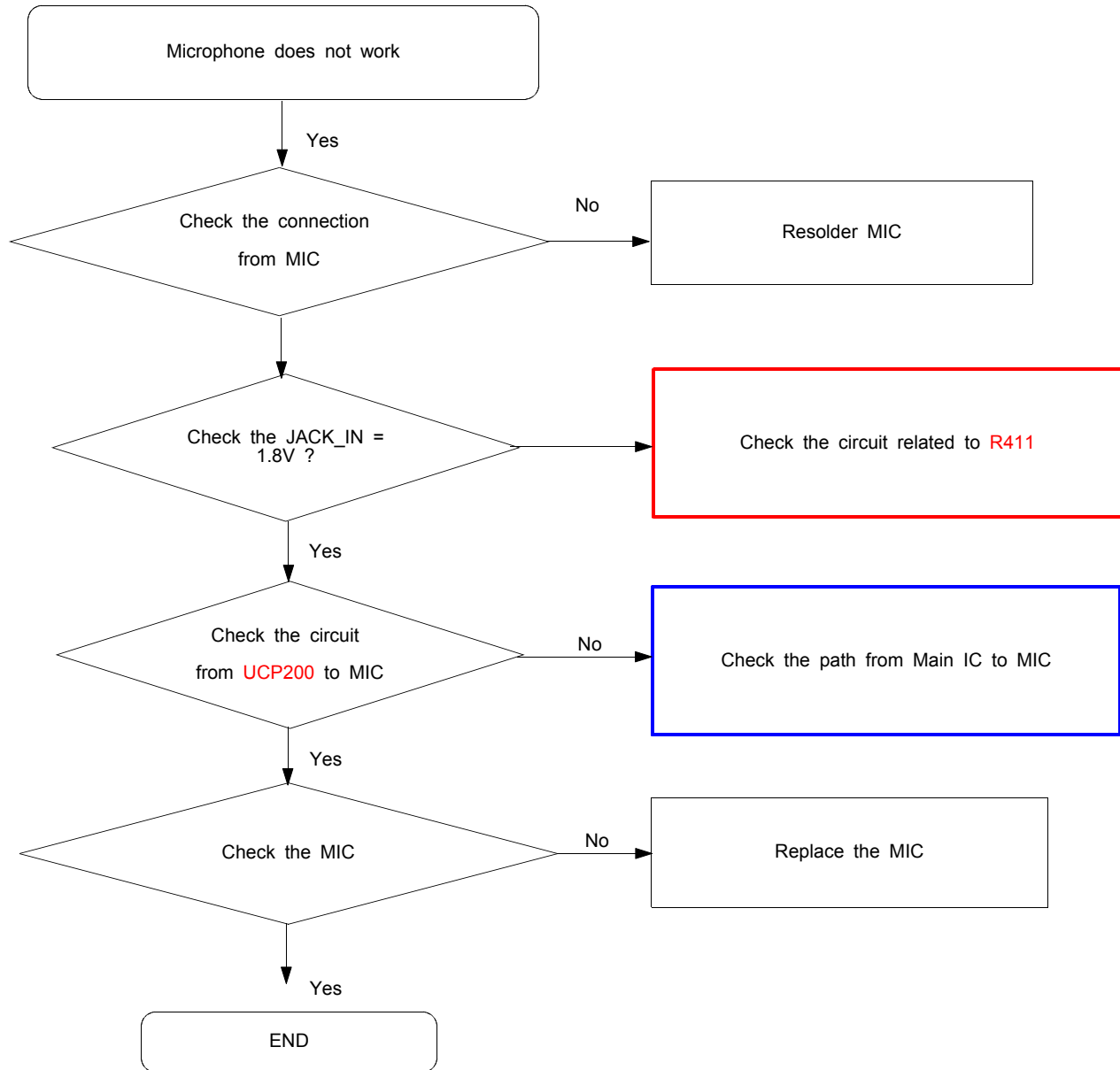
9-4. Sim Part

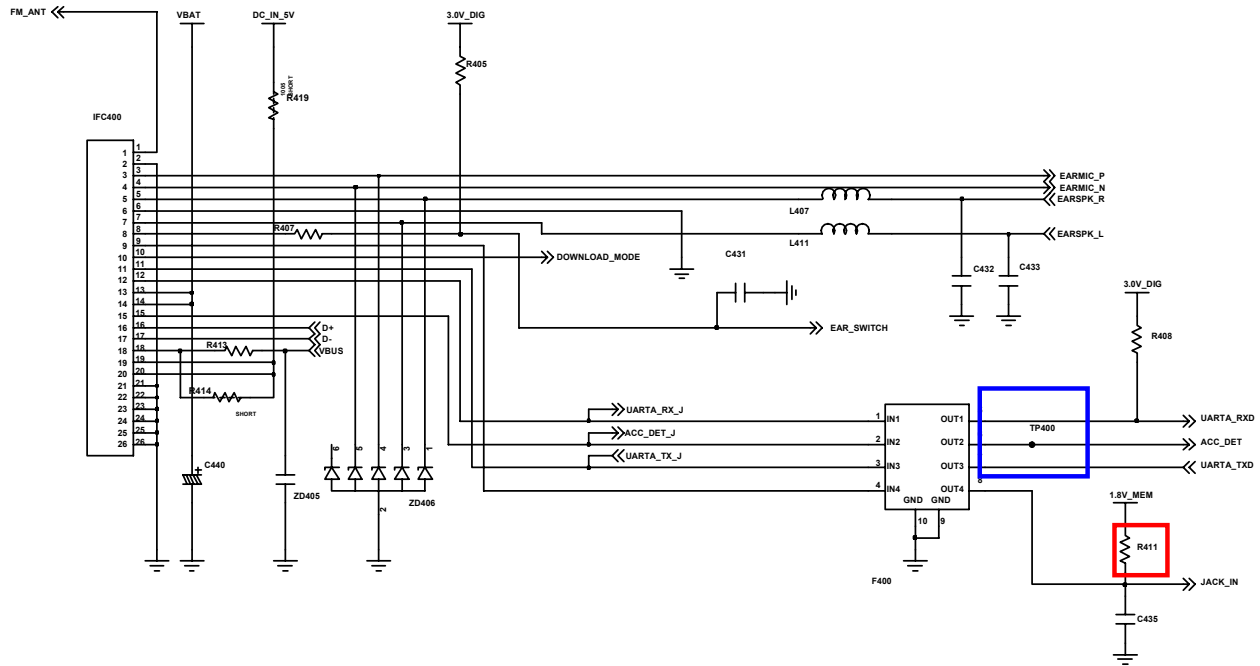


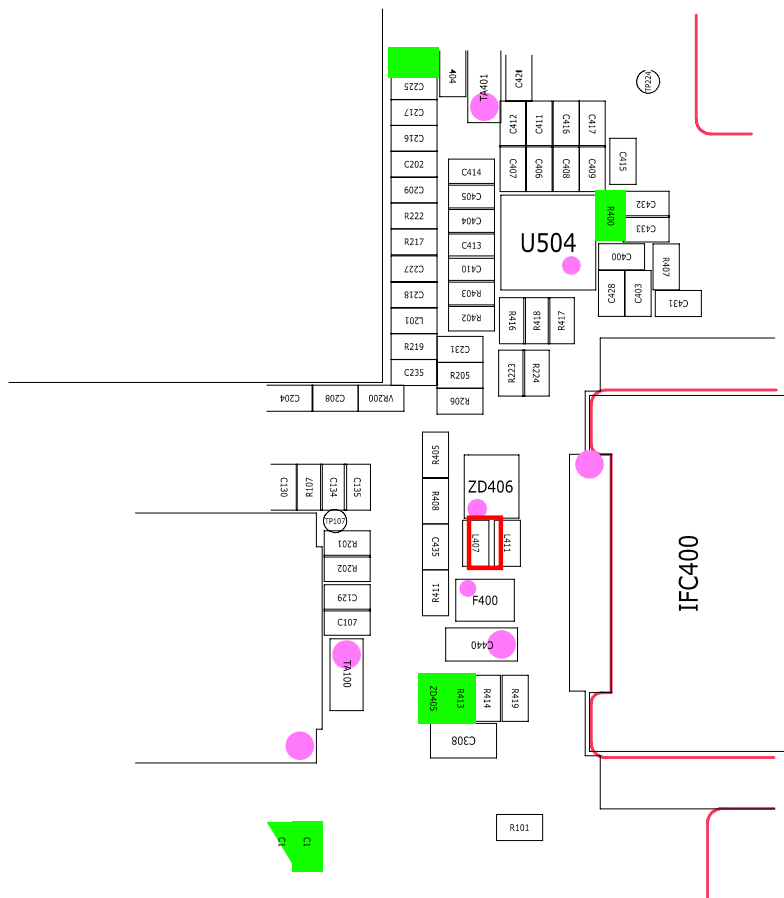


SIM CONNECTOR

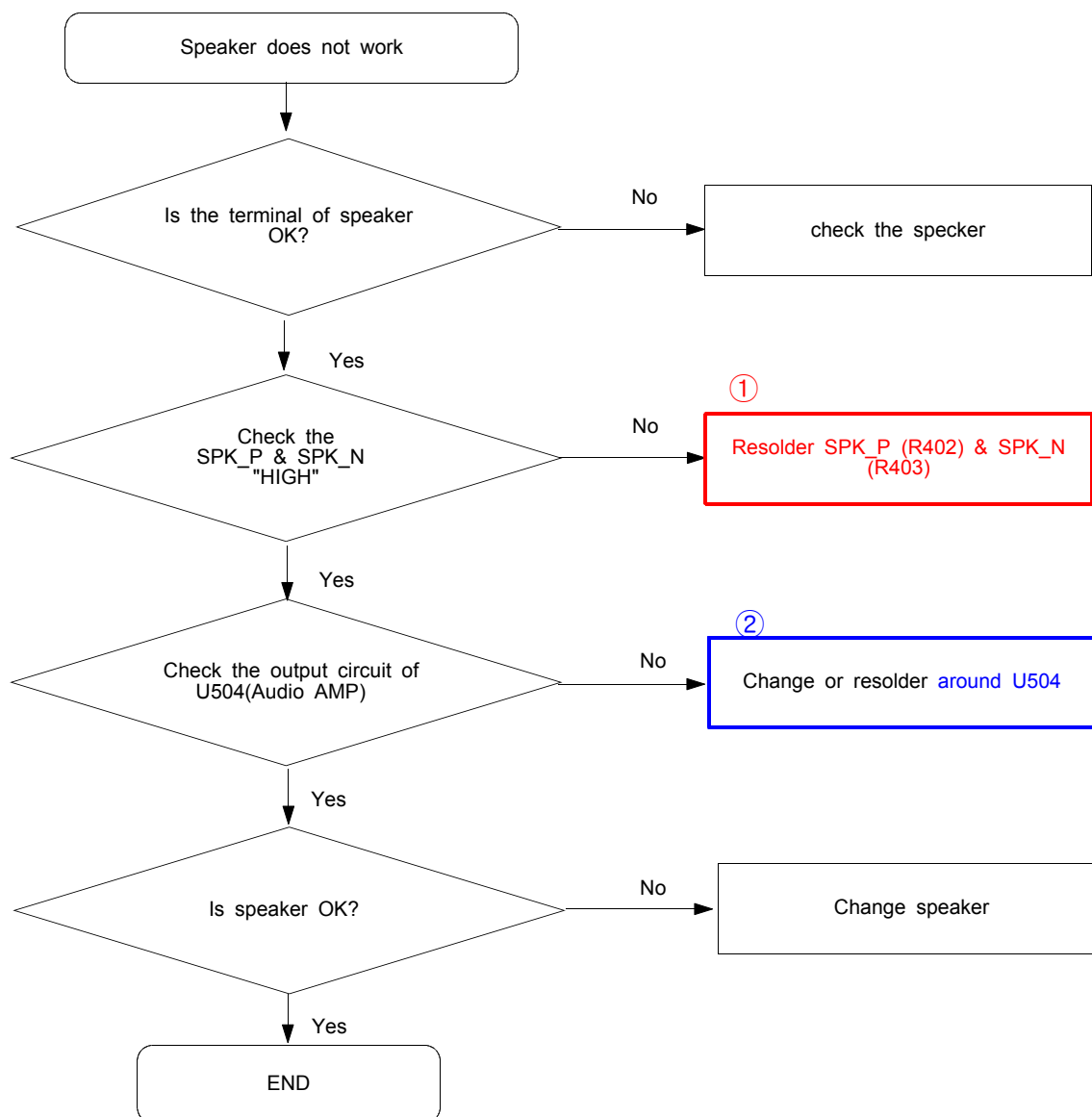
9-5. Microphone Part

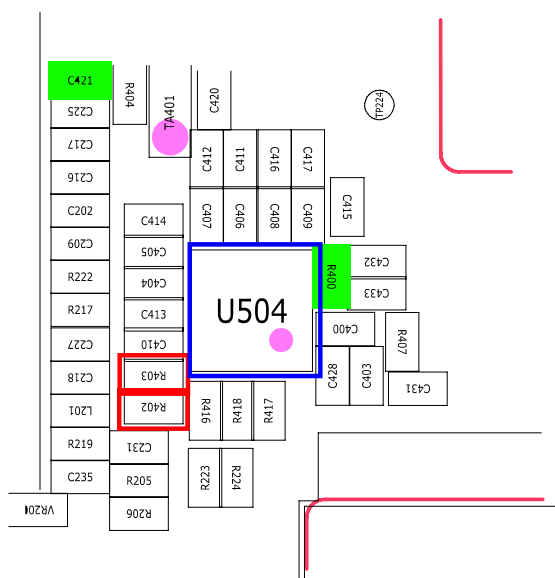
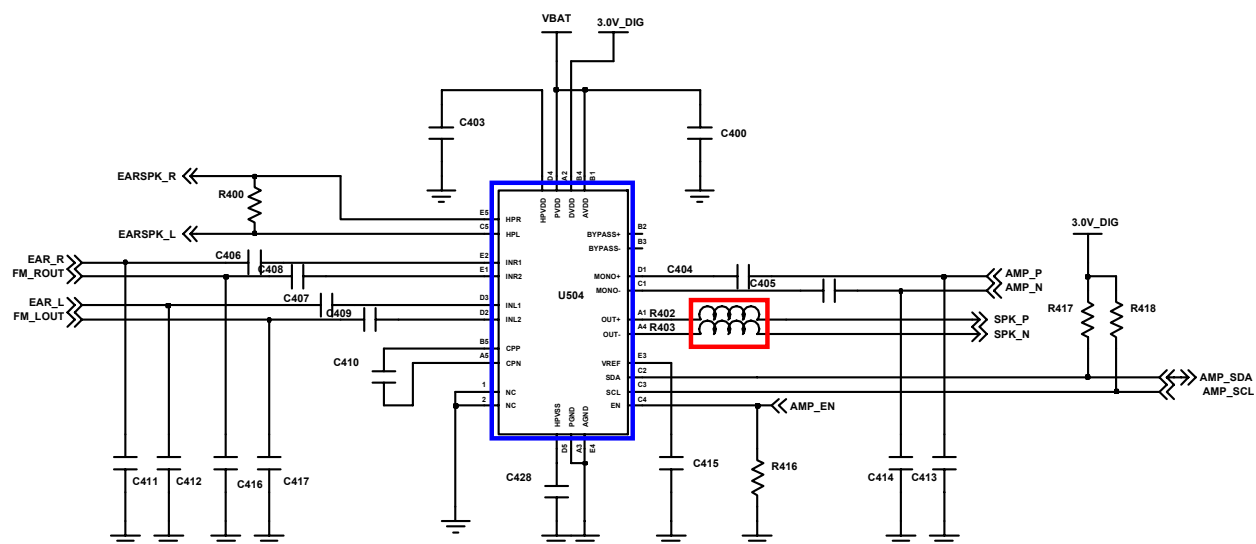




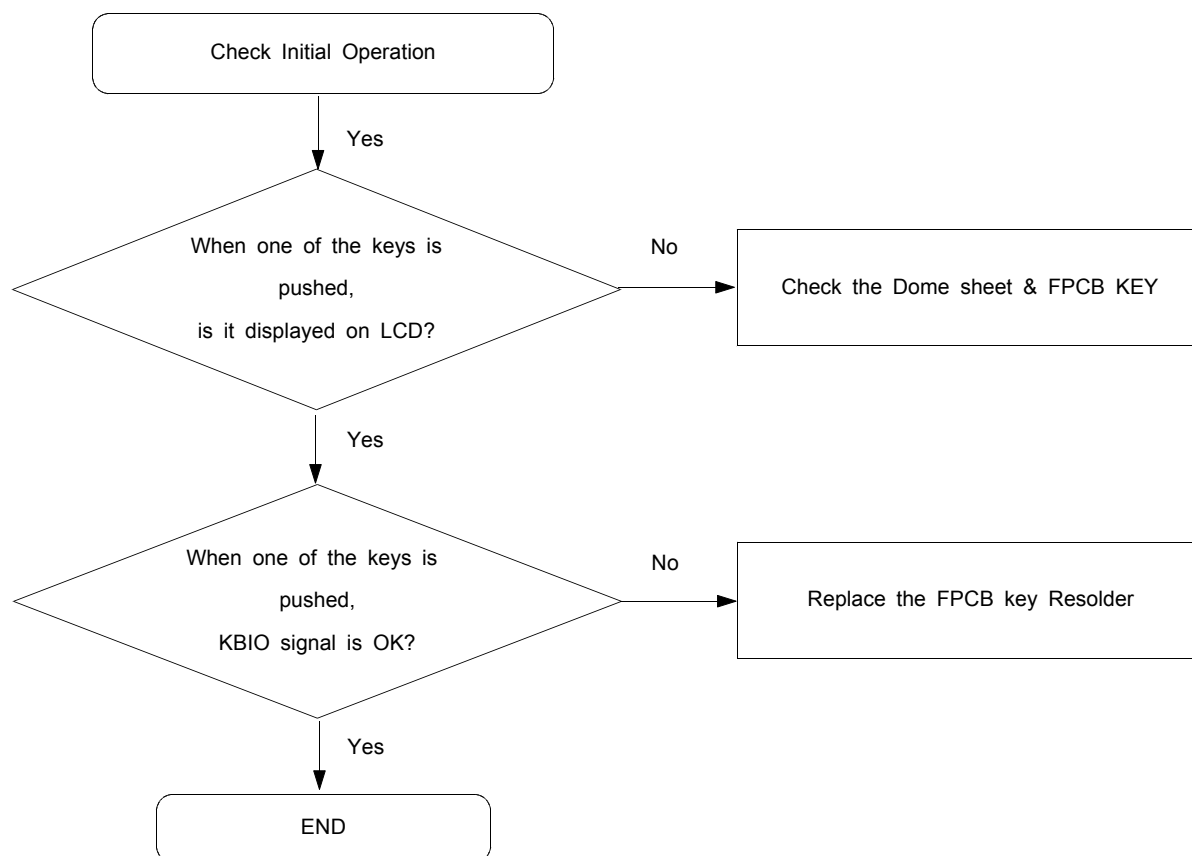


9-6. Speaker Part(Melody)

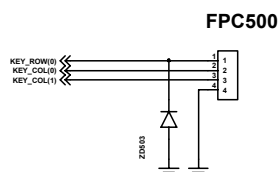




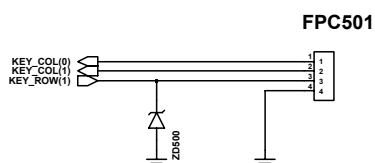
9-7. Key Data Input



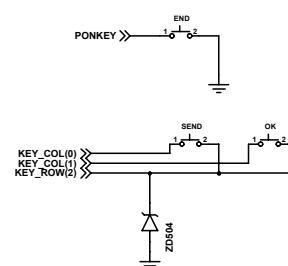
< Volume KEY >



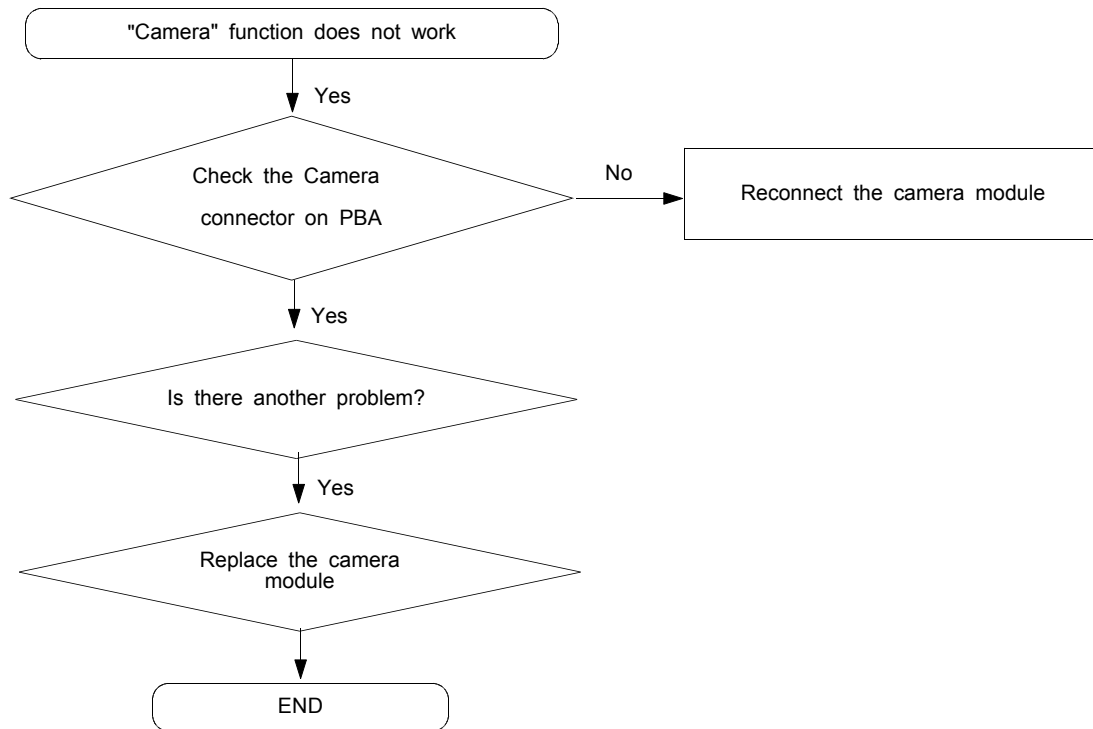
< Camera & Mode KEY >



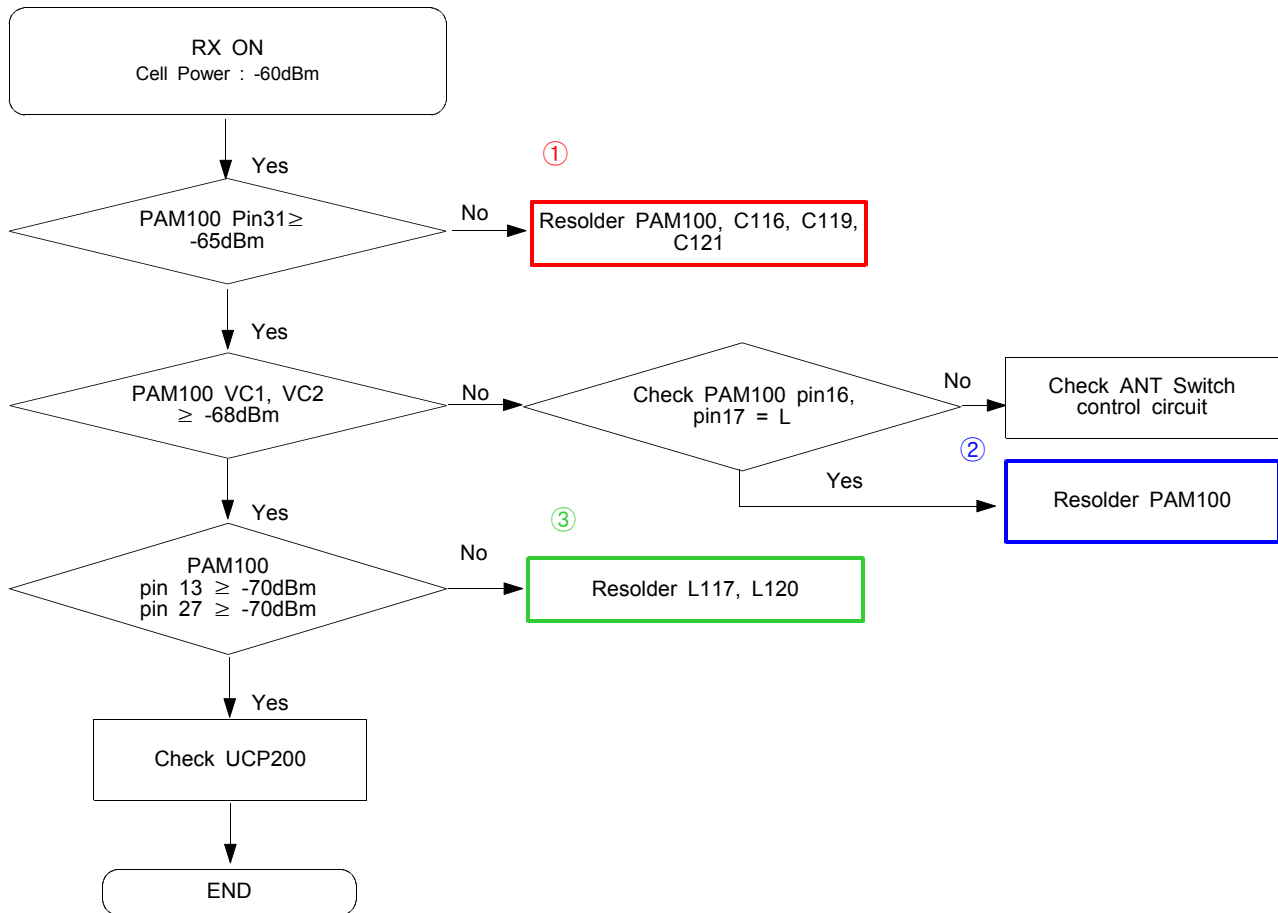
< SUB KEY >



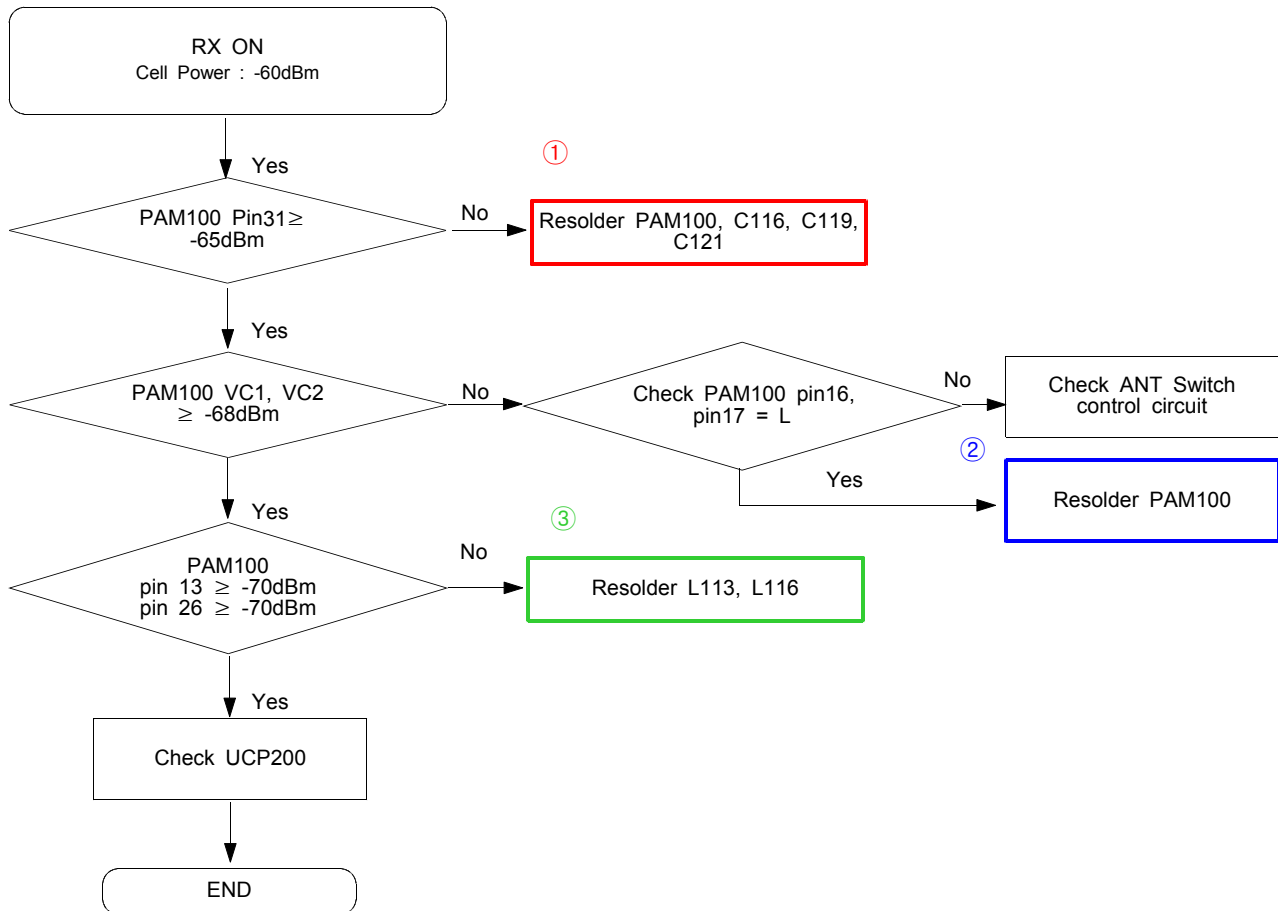
9-8. Camera part



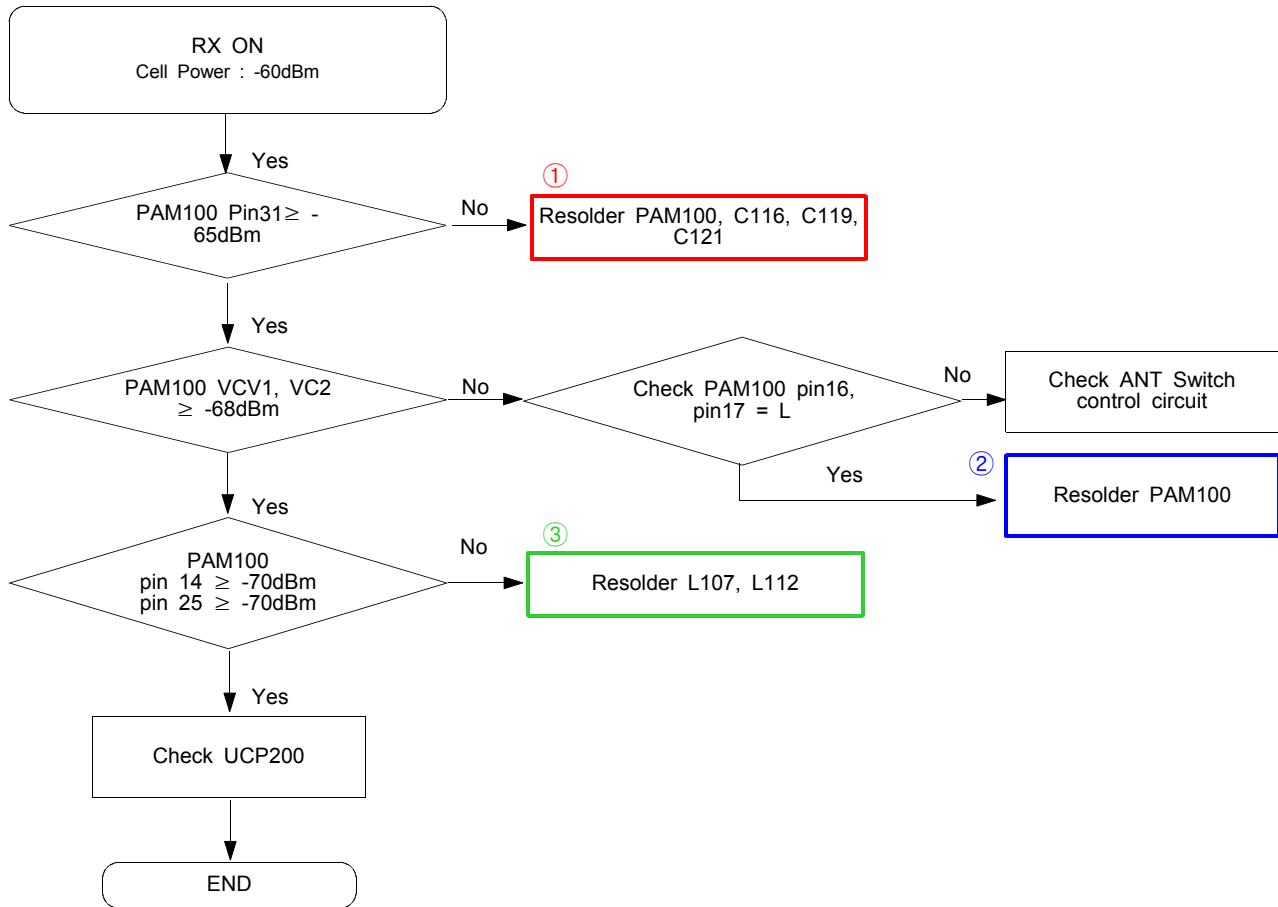
9-9. GSM850 Receiver



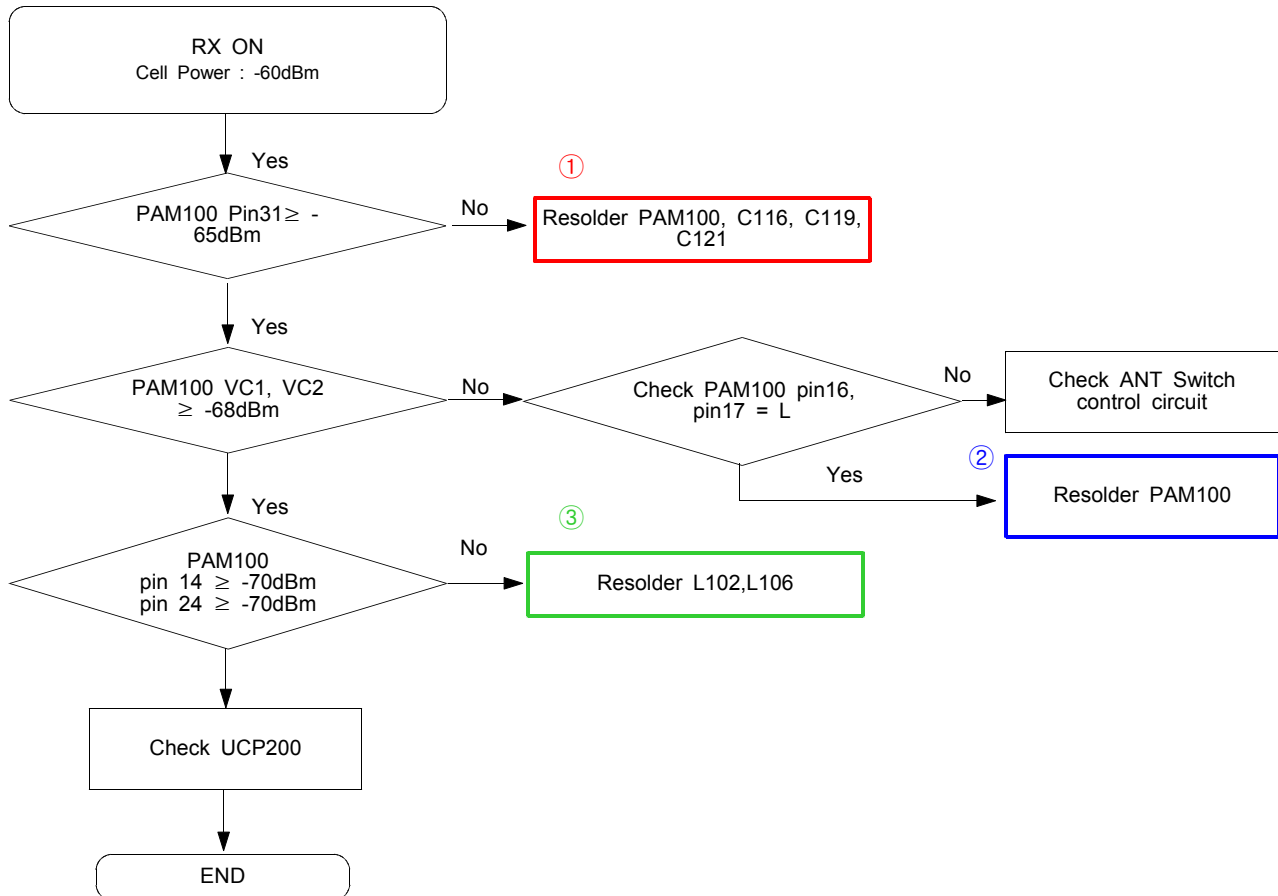
9-10. GSM Receiver

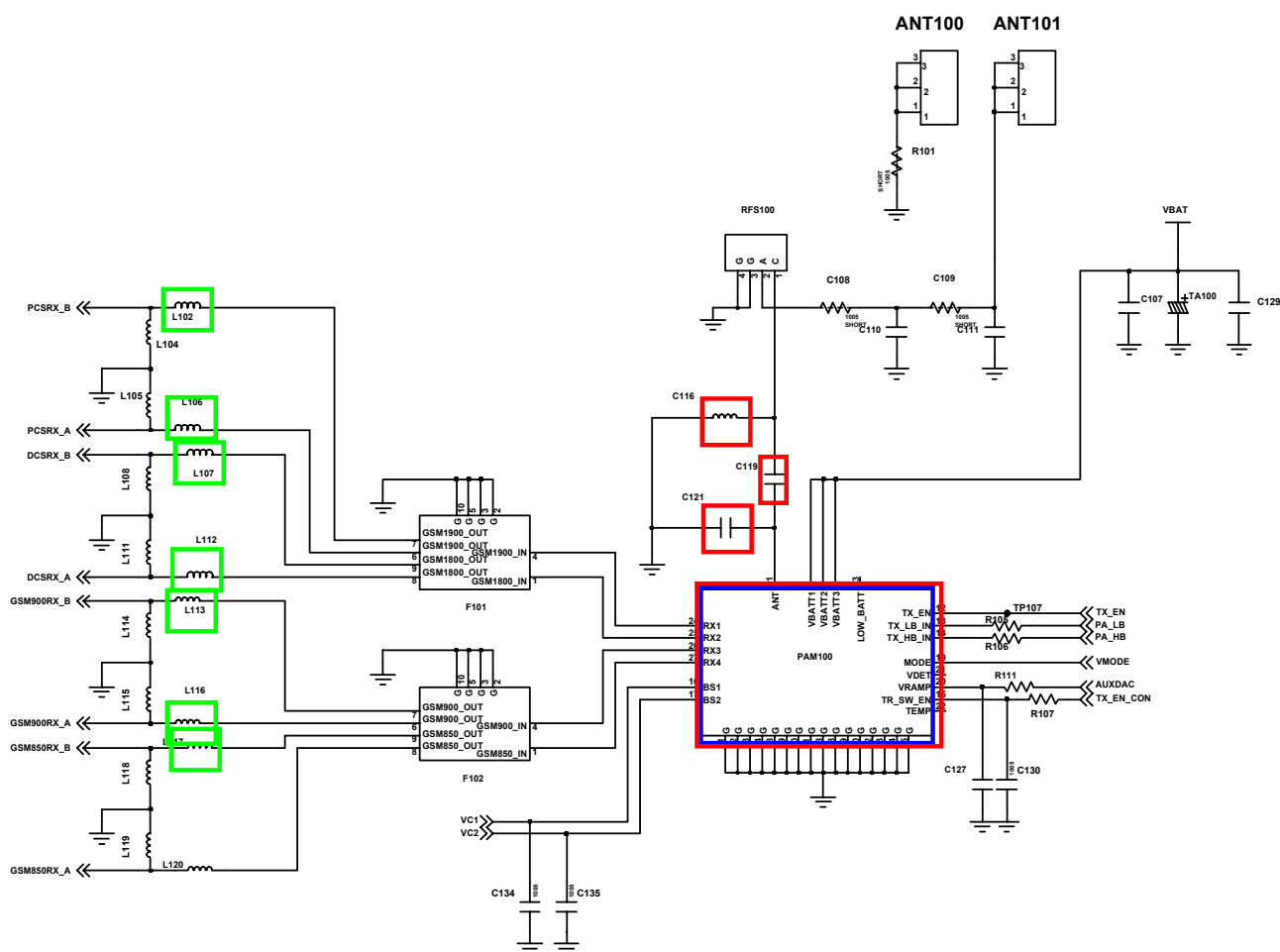


9-11. DCS Receiver



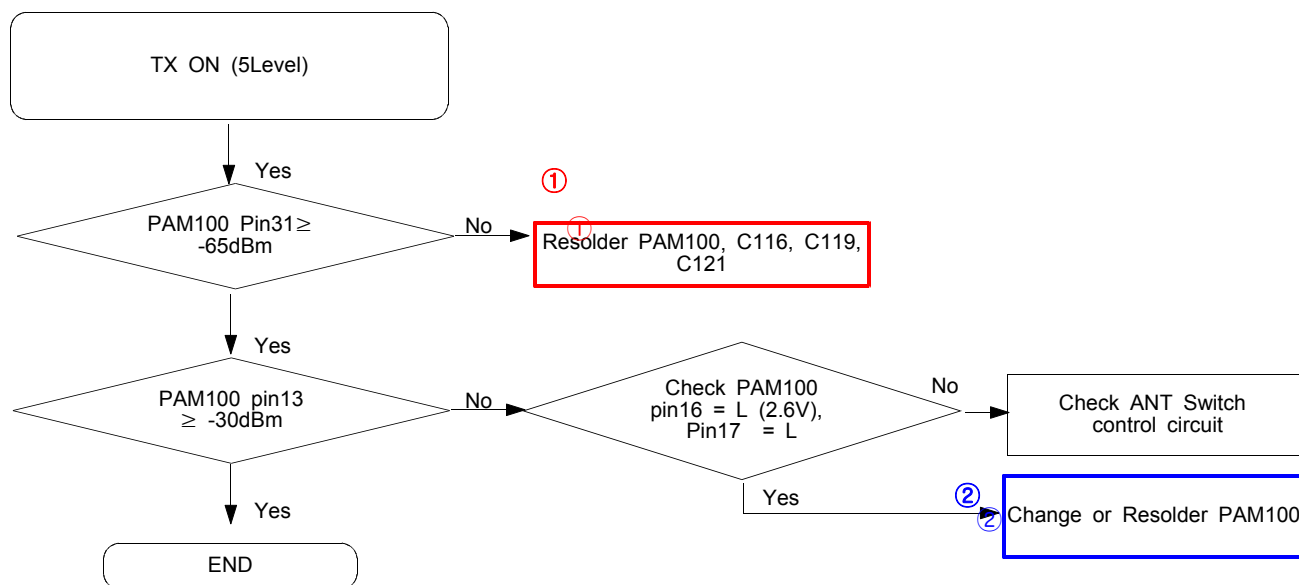
9-12. PCS Receiver



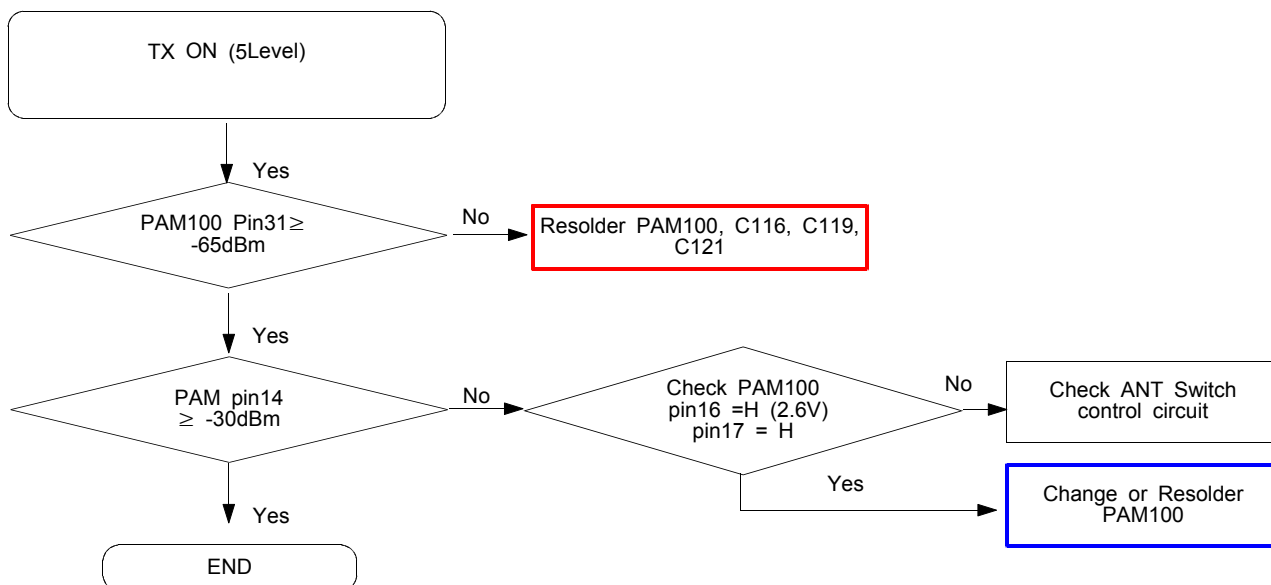




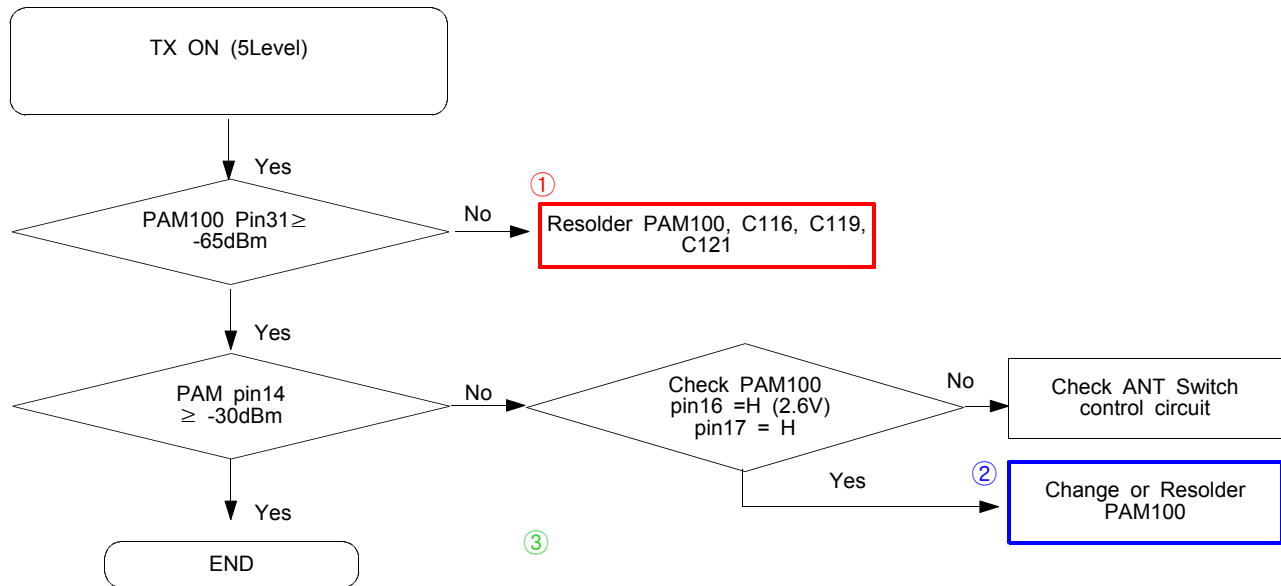
9-14. GSM Transmitter

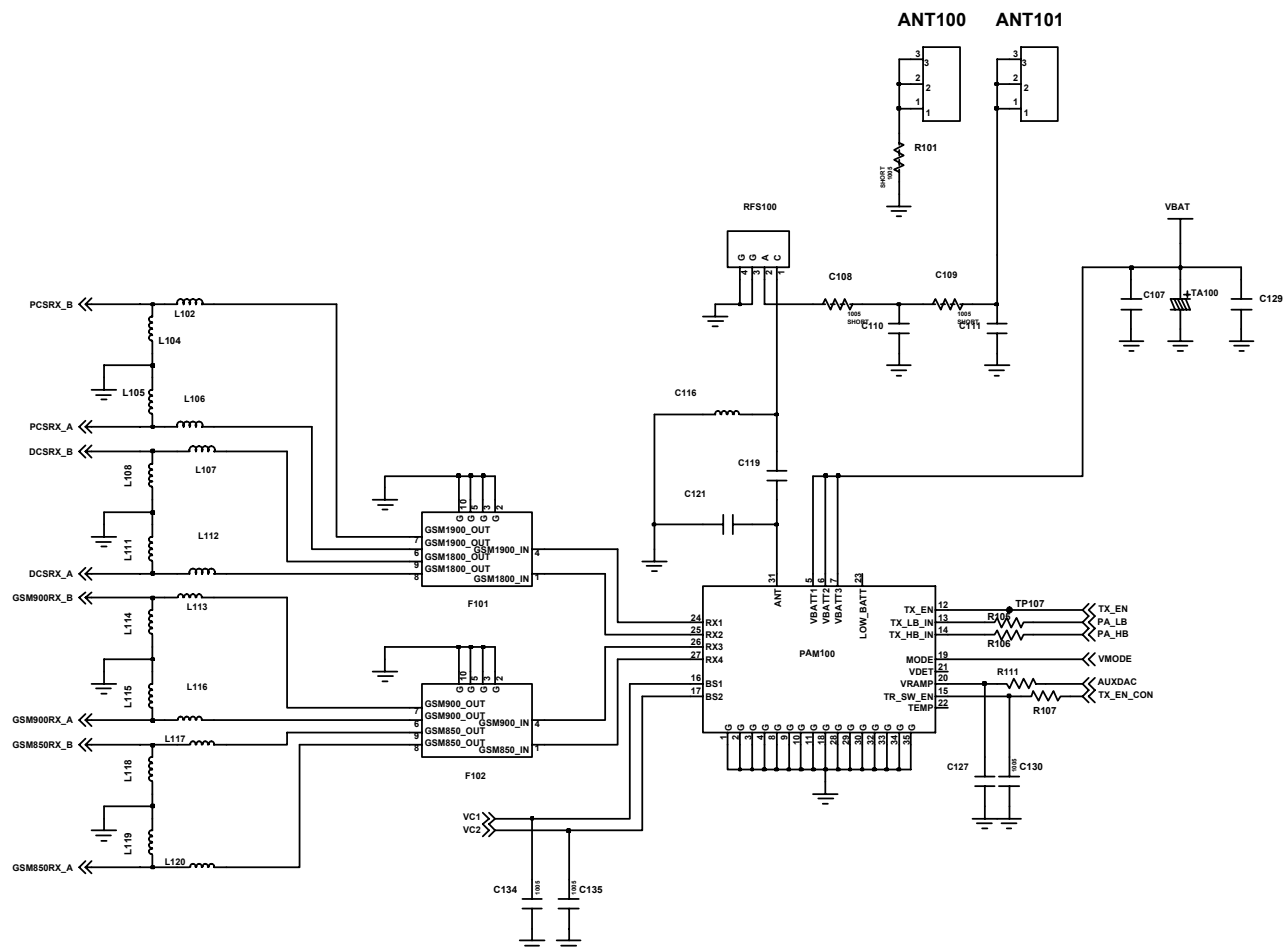


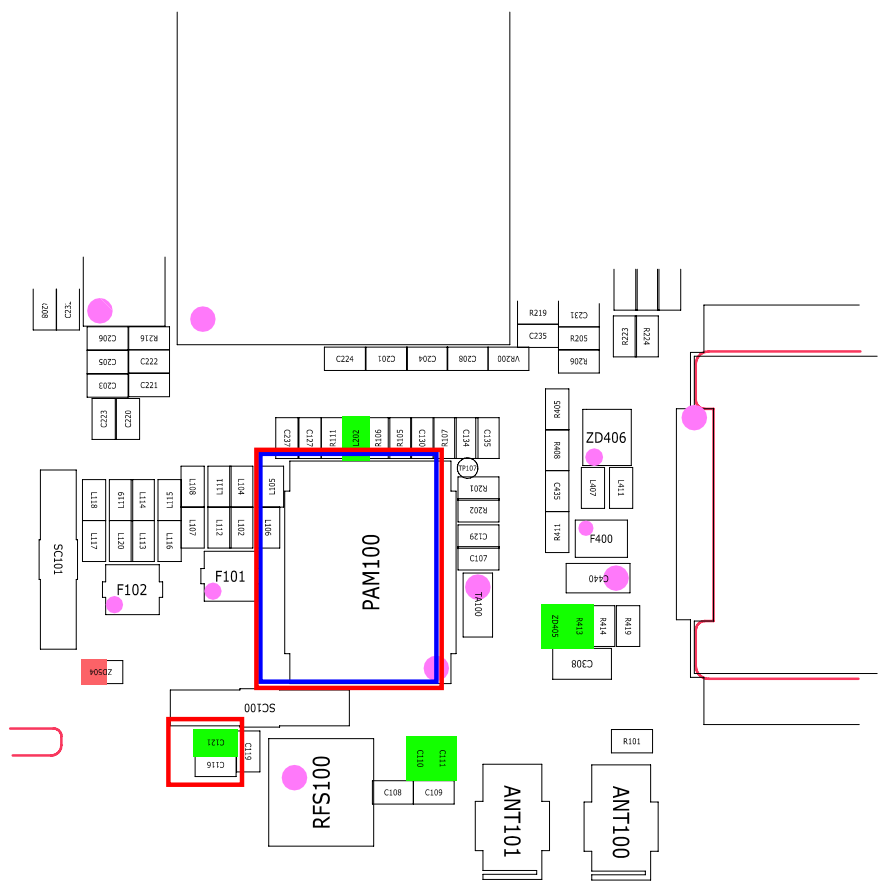
9-15. DCS Transmitter



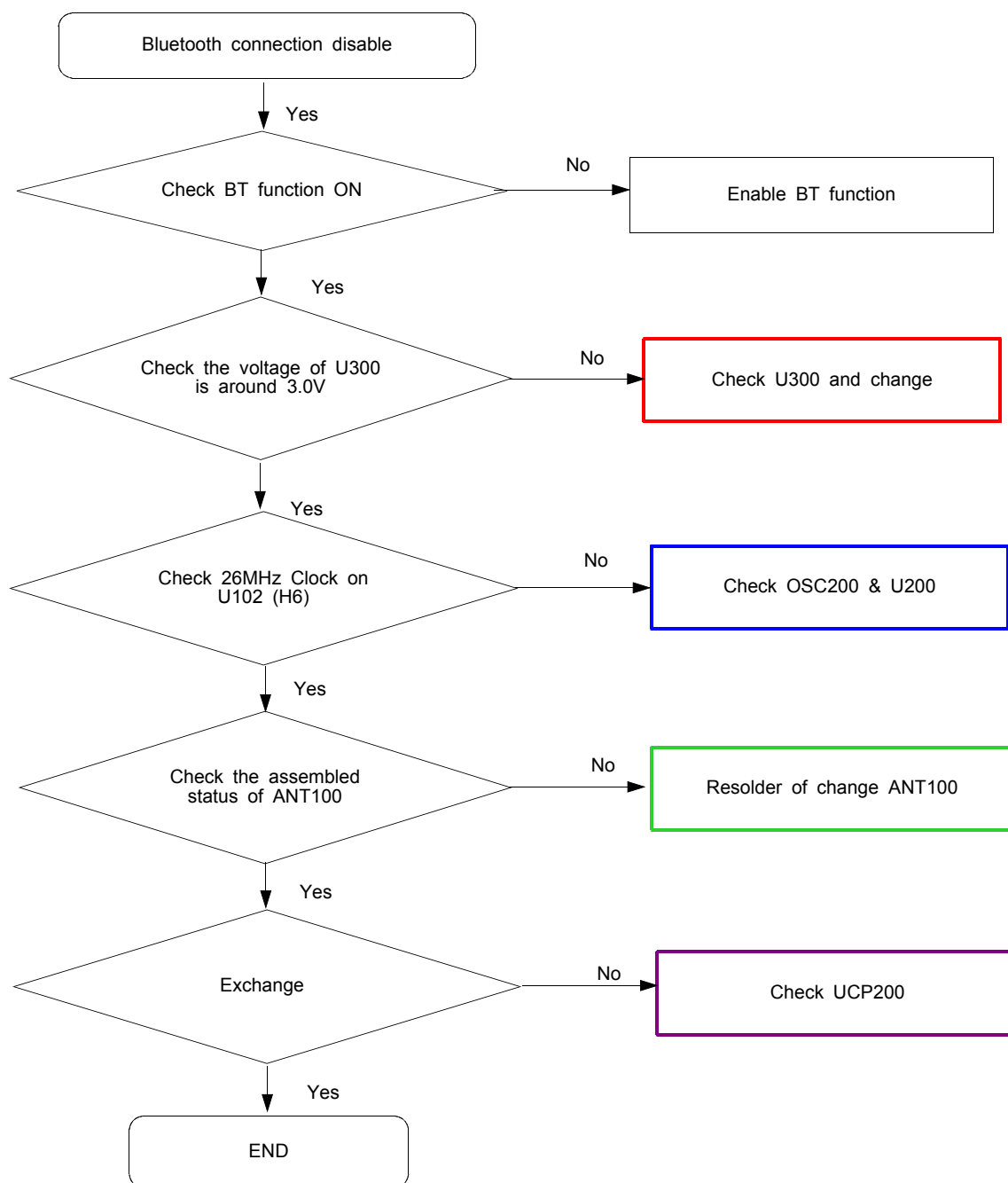
9-16 PCS Transmitter

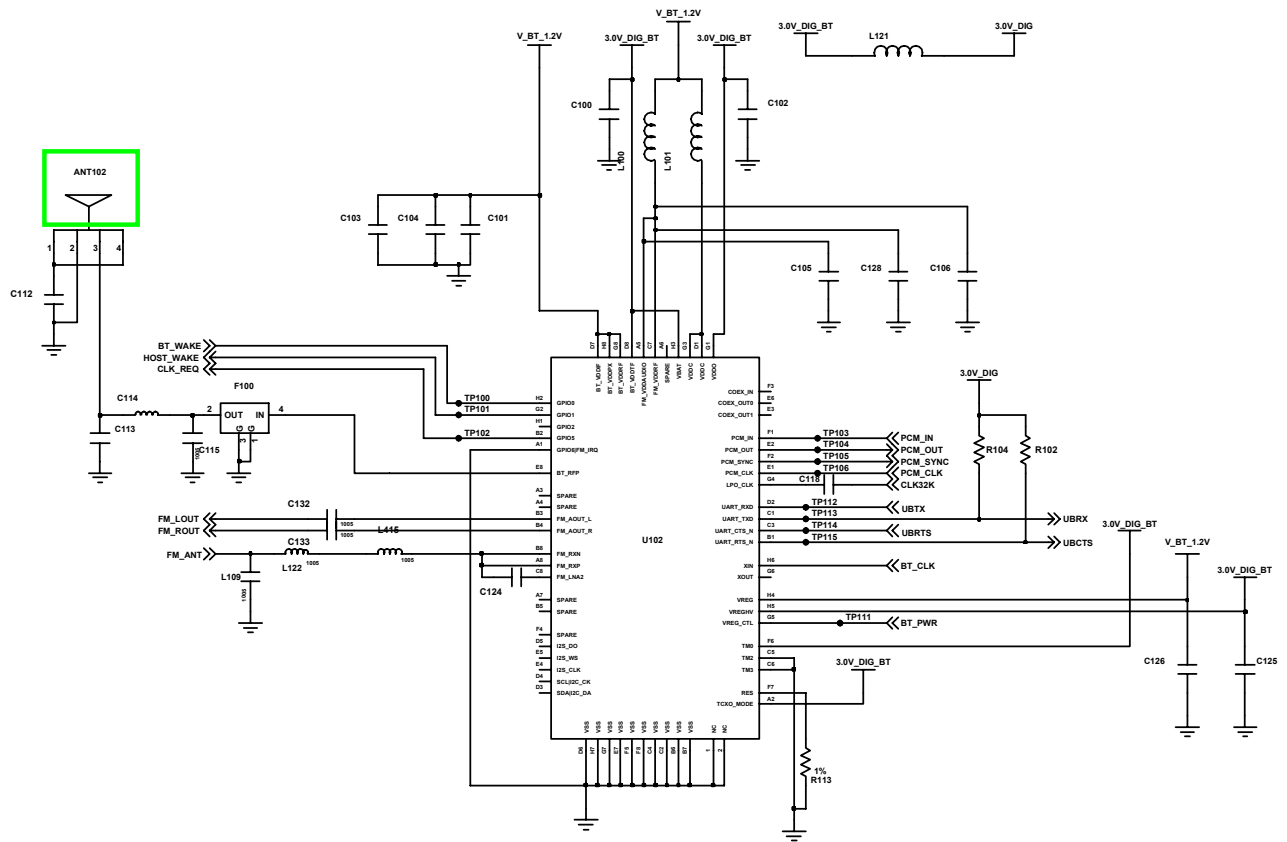






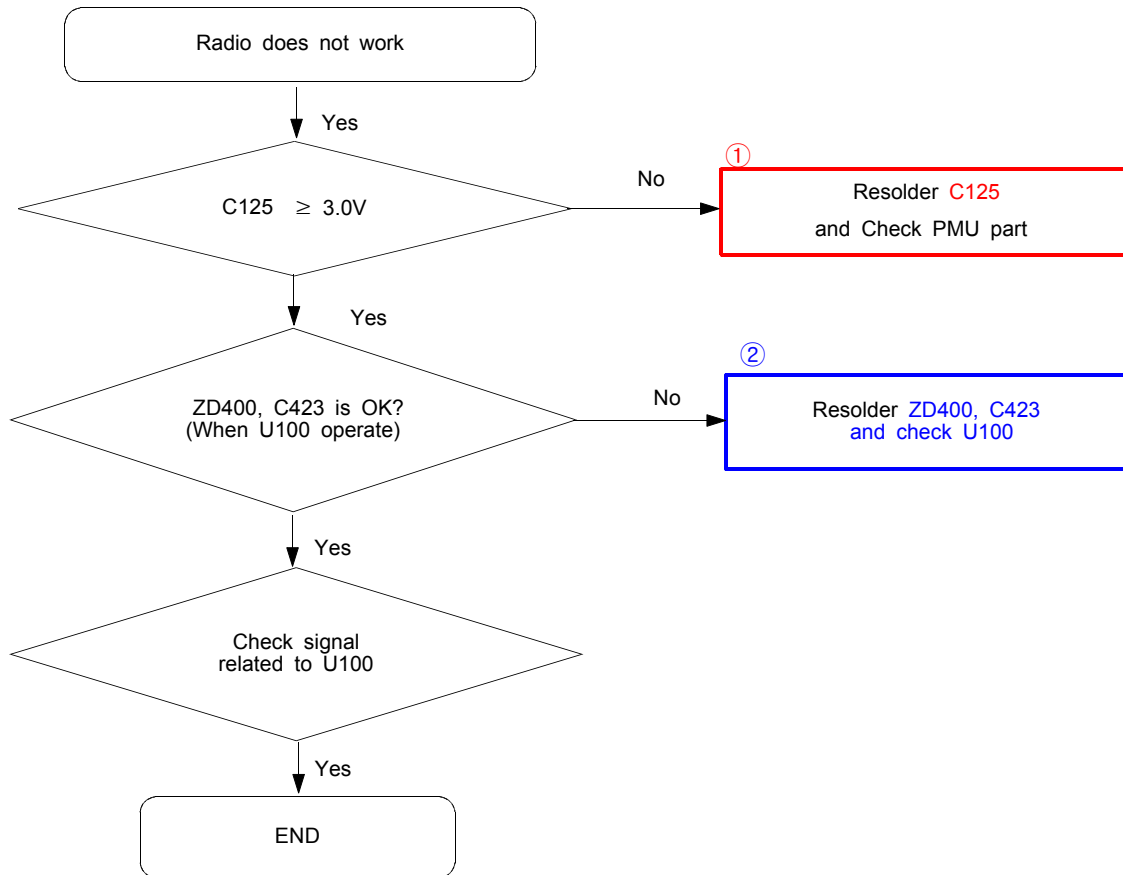
9-17 Bluetooth part





BLUETOOTH + FM RADIO

9-18. Radio part



11. Disassembly and Assembly Instructions

11-1. Disassembly

1

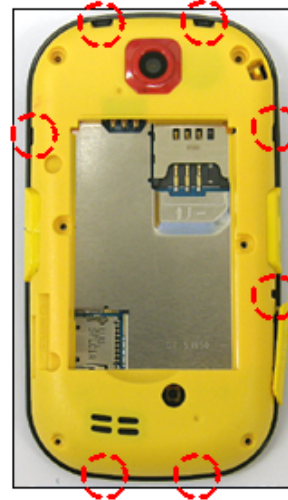
1) Unscrew the 6 points.



2

1) Separate the REAR CASE.

HOOK 7 POINT



※ Caution

1) Be care of scratch and molding damage.

※ Caution

1) Be care of scratch and molding damage.

3

1) Unscrew the 2 points.



4

1) Separate the LCD and TSP CONNECTORS then disassemble the 2 hook.



※ Caution

1) Be care of damage to INTENNA

※ Caution

1) Be care of scratch and molding damage.

5

1) Separate the BRACKET ASS'Y from the FRONT ASS'Y.



6

1) Separate LCD and KEYPAD from the FRONT CASE.



※ Caution

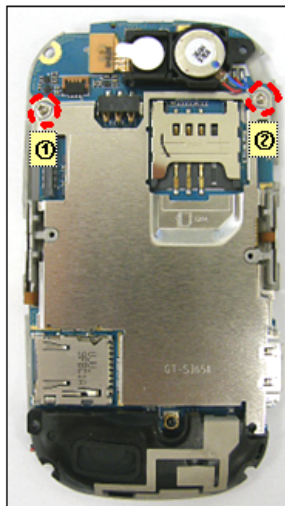
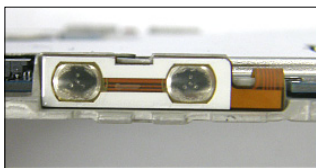
1) Be care of scratch and molding damage.

※ Caution

1) Be care of scratch and molding damage.
2) Be care of damage to the LCD.

7

1) Detach the SIDE KEY and CAM KEY FPCB from BRACKET.
2) Unscrew the 2 points.



8

1) Separate the MOTOR/SHIELD CAN /ANTENNA/CAMERA/ from the PBA.



※ Caution

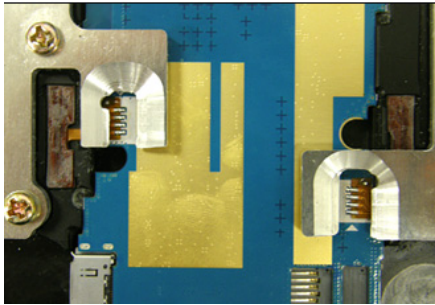
1) Be care of damage to FPCB.

※ Caution

11-2. Assembly

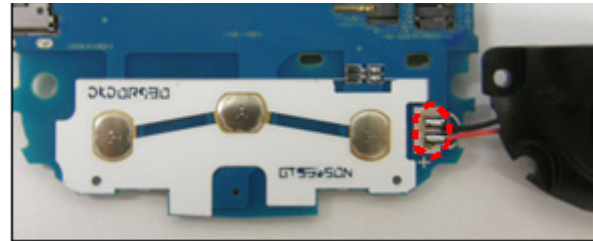
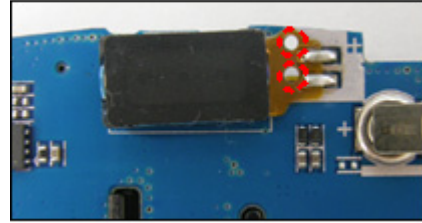
1

1) Solder the SIDE KEY,CAM KEY.



2

1) Solder the RECEIVER and SPEAKER.



※ Caution

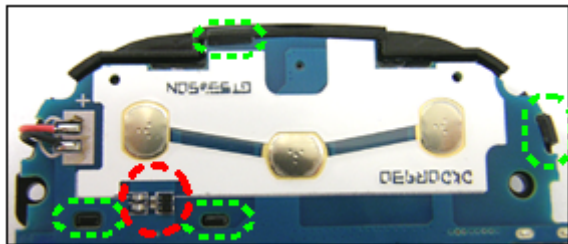
1) Be care of damage the FPCB.

※ Caution

1) Be care of damage the RECEIVER FPCB & SPK WIRE.

3

1) Assemble the SPEAKER MODULE to PBA.

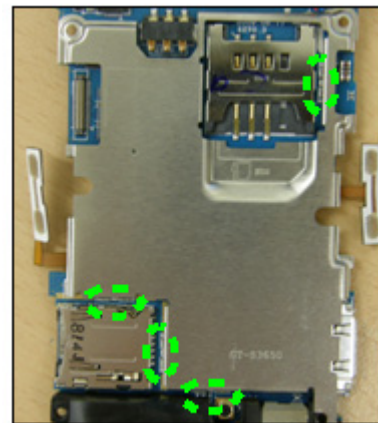


※ Caution

1) Be care of damage to ANTENNA PATTERN and PBA.

4

1) Assemble the SHIELD CAN.

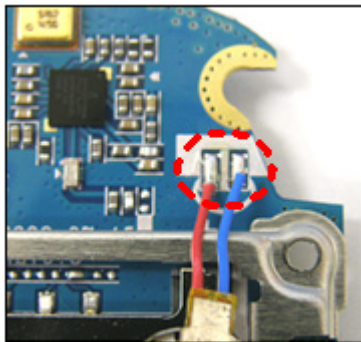


※ Caution

1) Be care of damage to PBA.

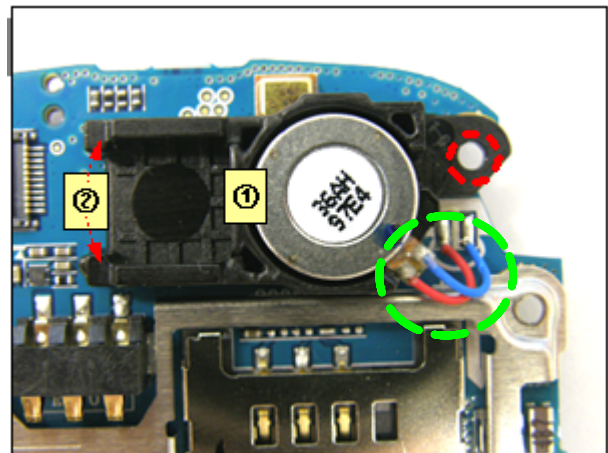
5

1) Solder the MOTOR.



6

1) Assemble the CAMERA CARRIER.
2) Assemble the MOTOR.



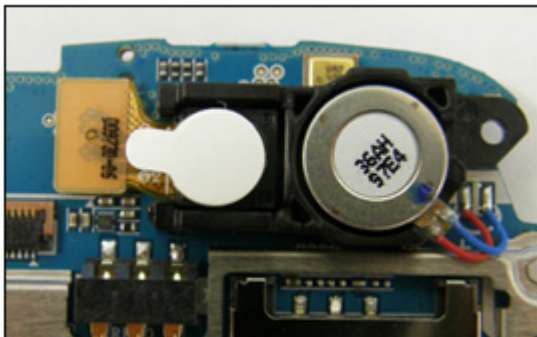
※ **Caution**

※ **Caution**

1) Be care of damage the MOTOR WIRE.

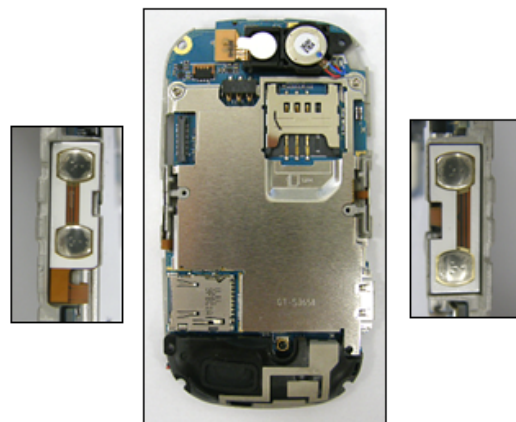
7

1) Assemble the CAMERA and connect the CONNECTOR.



8

1) Assemble the BRACKET.
2) Attach the SIDE KEY and CAM KEY FPCB.



※ **Caution**

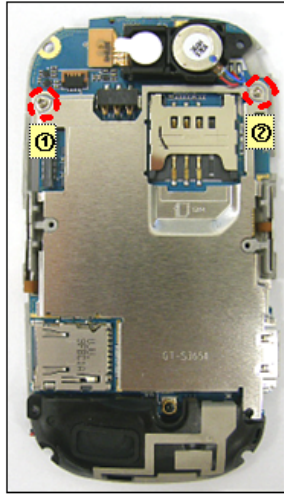
1) Be care of damage to CAMERA CONNECTOR & FPCB.

※ **Caution**

1) Be care of damage the SIDE KEY/CAMERA KEY FPCB.

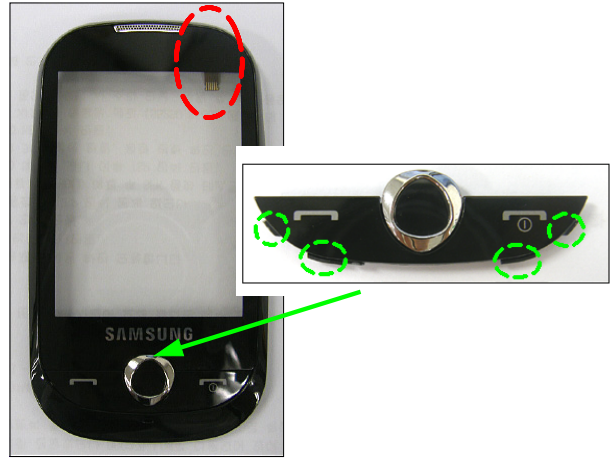
9

1) Screw 2 points.



10

1) Attach the TSP.
2) Assemble the KEYPAD.



※ **Caution**

※ **Caution**

1) Be care of scratch and molding damage.
2) Be care of damage to TSP FPCB.

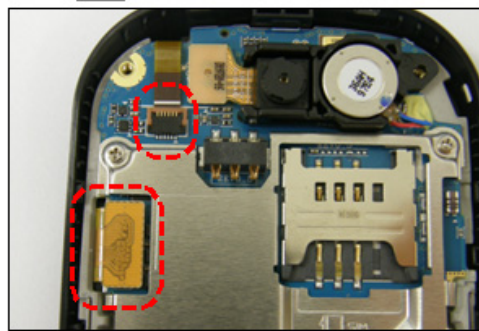
11

1) Assemble the LCD.



12

1) Assemble the PBA the to FRONT ASS'Y.
2) Connect the TSP connector & LCD connector.



※ **Caution**

1) Be care of damage to F-CPB and LCD.
2) Be care of scratch and molding damage.

※ **Caution**

1) Be care of damage to F-CPB.
2) Be care of scratch and molding damage.

13

1) Screw 2 points.



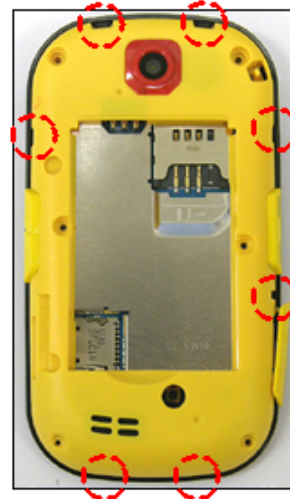
※ Caution

1) Be care of scratch and molding damage.

14

1) Assemble the REAR CASE.

HOOK 7 POINT



※ Caution

1) Be care of scratch and molding damage.

15

1) Screw 6 points.



※ Caution

1) Be care of scratch and molding damage.