



GSM TELEPHONE

SGH-J700

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
Europe	europe.samsungportal.com
China	china.samsungportal.com
Asia	asia.samsungportal.com
Mideast & Africa	mea.samsungportal.com

2. Specification

2-1. GSM General Specification

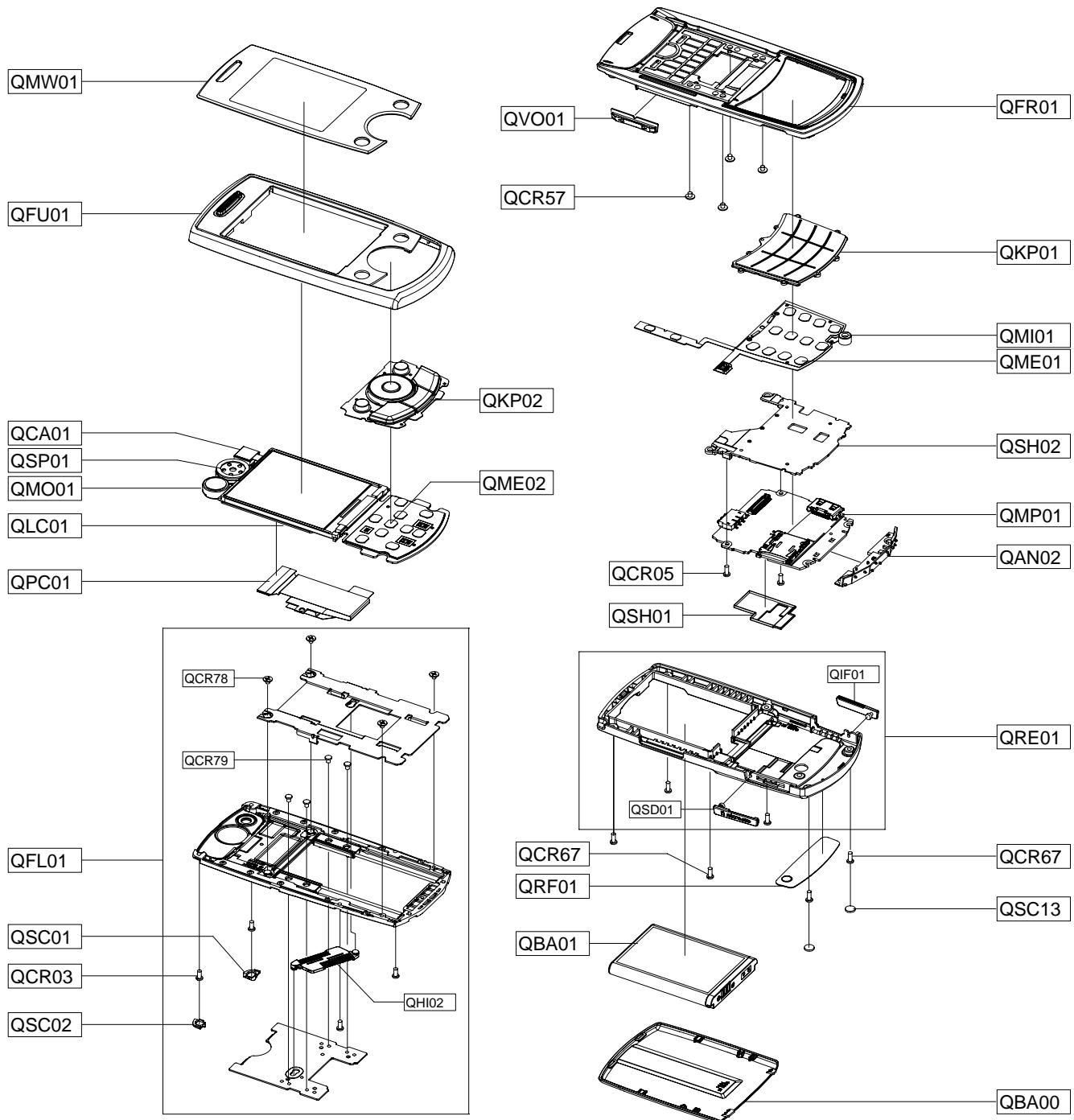
	GSM900 Phase 1	DCS1800 Phase 1	PCS1900
Freq. Band[MHz] Uplink/Downlink	880~915 925~960	1710~1785 1805~1880	1850~1910 1930~1990
ARFCN range	0~124 & 975~1023	512~885	512~810
Tx/Rx spacing	45MHz	95MHz	80MHz
Mod. Bit rate/ Bit Period	270.833kbps 3.692us	270.833kbps 3.692us	270.833kbps 3.692us
Time Slot Period/Frame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

2-2. GSM Tx Power Class

TX Power control level	GSM850	TX Power control level	DCS1800	TX Power control level	PCS1800
5	33±2 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±4 dBm	11	8±4 dBm
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

5. Exploded View and Parts List

5-1. Cellular phone Exploded View



5-2. Cellular phone Parts List

Design LOC	Description	SEC CODE
QAN02	INTENNA-SGHE260	GH42-01416A
QBA00	PMO COVER-BATTERY	GH72-44851B
QBA01	INNER BATTERY PACK-800MAH,BLK,	GH43-02692A
QCA01	CAMERA MODULE-SGHJ700	GH59-05149A
QCR03	SCREW-MACHINE	6001-001811
QCR05	SCREW-MACHINE	6001-001478
QCR57	SCREW-MACHINE	6001-002001
QCR67	SCREW-MACHINE	6001-002083
QCR67	SCREW-MACHINE	6001-002083
QFR01	ASSY CASE-FRONT	GH98-06615B
QFU01	ASSY CASE-SLIDE UPPER	GH98-06614B
QKP01	ASSY KEYPAD-MAIN(EU/GLD)	GH98-06617A
QKP02	ASSY KEYPAD-SUB(EU/SIL)	GH98-06618B
QLC01	ELA ETC-SUB PBA+LCD MODULE SVC	GH96-02998A
QME01	KEY FPCB-MAIN KEY PBA	GH59-05147A
QME02	KEY FPCB-S/DOME SHEET 10KEY	GH59-05160A
QMI01	MICROPHONE-ASSY-SGHJ700	GH30-00464A
QMO01	MOTOR DC-SGHE260	GH31-00388A
QMP01	PBA MAIN-SGHJ700	GH92-04396A
QMW01	ASSY COVER-WINDOW MAIN	GH98-06619A
QPC01	MEA-SLIDER FPCB KIT(J700)	GH97-08598A
QRF01	ASSY COVER-RF	GH98-06891B
QSC01	PMO COVER-SCREW LOWER L	GH72-44845B
QSC02	PMO COVER-SCREW LOWER R	GH72-44846B
QSC13	RMO COVER-SCREW REAR	GH73-11103B
QSH01	ICT SHIELD-PBA	GH70-03164A
QSH02	ASSY BRACKET-SHIELD CAN	GH98-06620A
QSP01	SPEAKER	3001-002273
QVO01	ASSY KEY-VOLUME	GH98-07865A
QFL01	ASSY CASE-SLIDE LOWER	GH98-06616B

Design LOC	Description		SEC CODE
	QCR78	SCREW-MACHINE	6001-002116
	QCR79	SCREW-SPECIAL	6009-001534
	QHI02	ASSY HINGE-ACTUATOR BODY	GH98-05288A
QRE01		ASSY CASE-REAR	GH98-06736B
	QIF01	PMO COVER-IF	GH72-44814B
	QSD01	PMO COVER-SD	GH72-44815B

Description	SEC CODE
BAG PE	6902-000634
CBF INTERFACE-DATA LINK CABLE(GH39-00859B
ADAPTOR-ATADS10EBE,BLK,EU	GH44-01702A
S/W CD-SGHJ700 PC LINK CD	GH46-00583A
EARPHONE-AAEP407DBE,EU,M, B-TY	GH59-05476A
LABEL(P)-UNIT SEAL	GH68-00518B
LABEL(R)-WATER SOAK	GH68-09361A
LABEL(R)-MASTER_FANCE_BOG	GH68-13691B
MANUAL USERS-XEF FRENCH	GH68-17047A
LABEL(R)-MAIN(FRAN)	GH68-17060D
CUSHION-CASE(EU)	GH69-06299A
BOX-UNIT(EU)	GH69-06300A
RMO RUBBER-SD SUPPORT	GH73-11524A
RMO RUBBER-BGA2	GH73-11541A
TAPE-REMOVE	GH74-35112A
TAPE INSU	GH74-35281A
TAPE-BATT BTM	GH74-36011A
TAPE-LCD CON	GH74-36017A
TAPE GASK-CON TO CON	GH74-36018A
TAPE ELEC	GH74-36019A
TAPE ELEC-LCD PCB	GH74-36020A
TAPE INSU-LCD CONN COVER	GH74-36055A
VINYL-BOHO WINDOW MAIN	GH74-37566A
SPONGE	GH74-37569A
SPONGE	GH74-37605A
TAPE INSU	GH74-37614A
TAPE-MIC RUBBER	GH74-37672A
VINYL-BOHO NAVI KEY	GH74-37674A

11. Disassembly and Assembly Instructions

11-1. Disassembly Instructions

1



- 1) Remove the SIM card.

2



- 1) Unscrew.(6 points)

1) Be careful not to make a superficial scratch.

1) Be careful not to make a superficial scratch.

3



- 1) Separate the rear from the front.

4

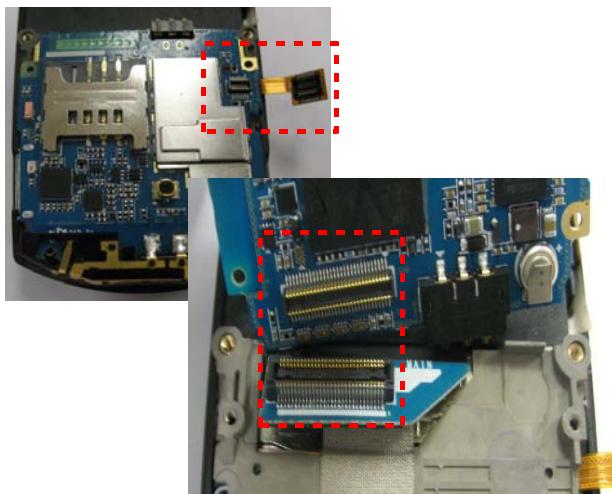


- 1) Separate the rear from the front with care of the upper hook(one point).

1) Don't devote heavily the bottom of the Rear .

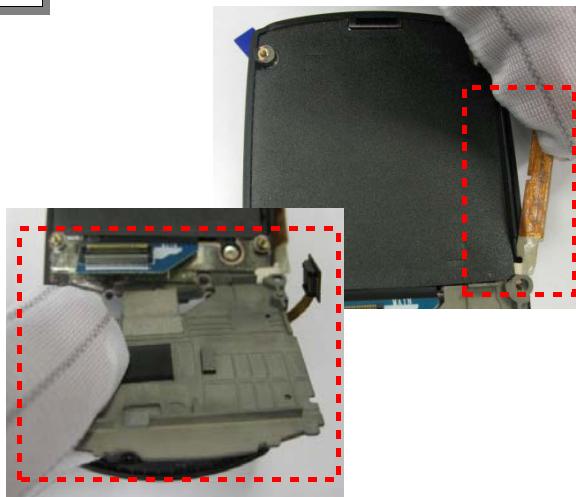
1) Be careful not to damage the hook.

5



- 1) Remove the Key FPCB connector & the LCD FPCB one from the main board.

6



- 1) Take off the volume key tape, and then remove the bracket.

- 1) Be careful not to damage to FPCB.

- 1) Be careful not to damage to FPCB.

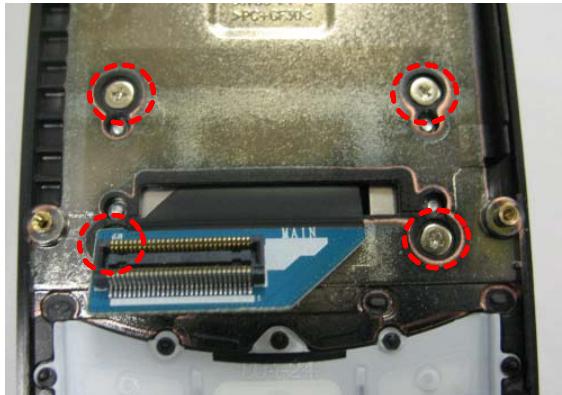
7



- 1) Remove the black tape.

- 1) Be careful not to damage to FPCB.

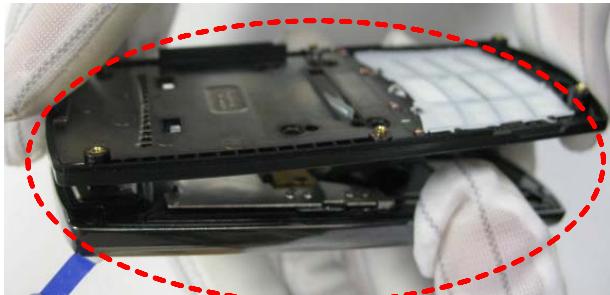
8



- 1) Unscrew. (4 points)

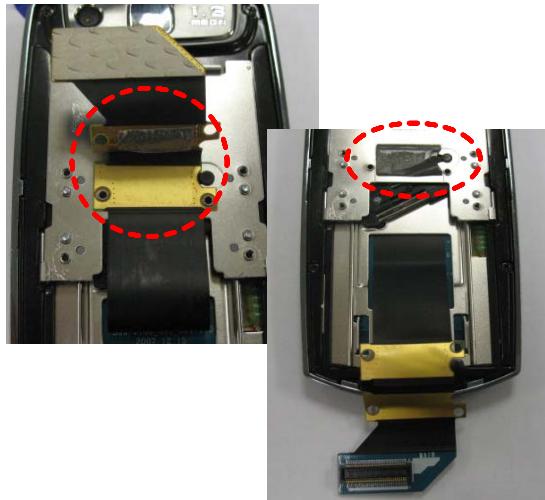
- 1) Be careful not to damage to FPCB.

9



- 1) Separate the front from the lower.

10



- 1) Take off the LCD FPCB & the two kinds of the tapes.

- 1) Be careful not to damage to FPCB.

- 1) Be careful not to damage to FPCB.

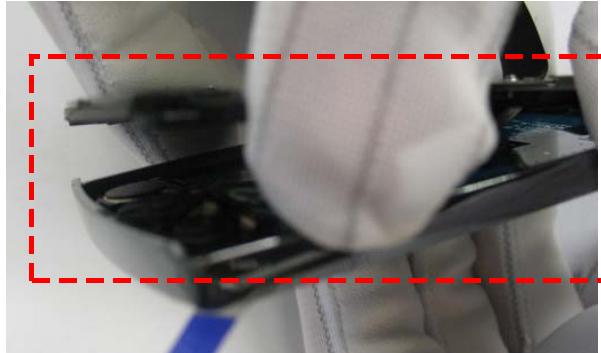
11



- 1) Unscrew.(4 points)

- 1) Be careful not to damage to FPCB.

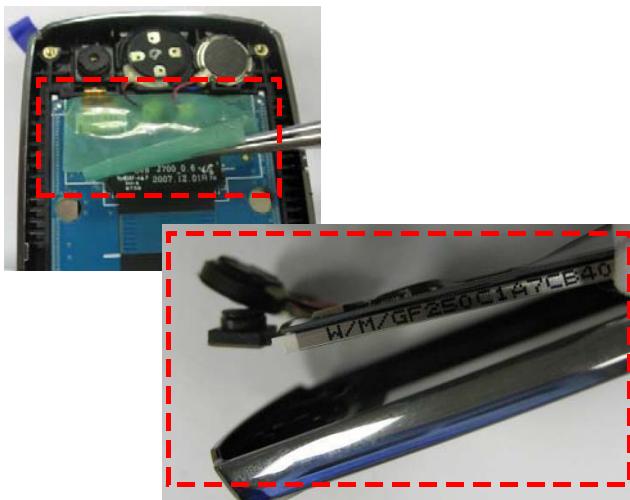
12



- 1) Separate the lower from the upper.

- 1) Be careful not to stain the LCD & not to do damage to the camera module & the speaker.

13



- 1) After removing the insulated tape, take off the LCD module.

14



- 1) Be careful not to stain the LCD & not to do damage to the camera module & the speaker .

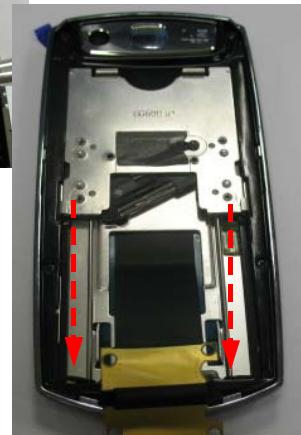
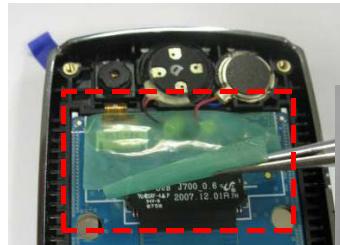
11-2. Assembly Instructions

1



- 1) Put the keypad on the upper, and then assembly the LCD module.

2



- 1) Attach the insulated tape, and then assembly the lower from the bottom.

- 1) Be careful not to stain the LCD & not to do damage to the camera module & the speaker.

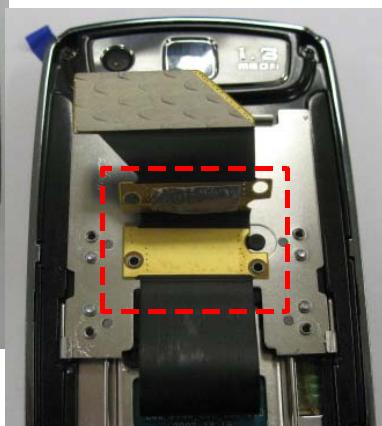
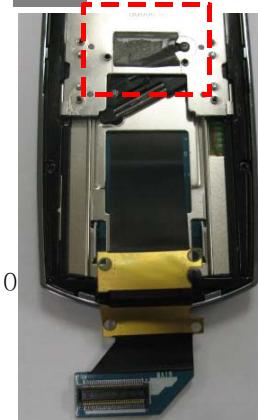
3



- 1) Screw up the four points.

- 1) Be careful not to damage to FPCB.

4



- 1) Fold the LCD FPCB up & Attach it on the tape with care of the two holes.

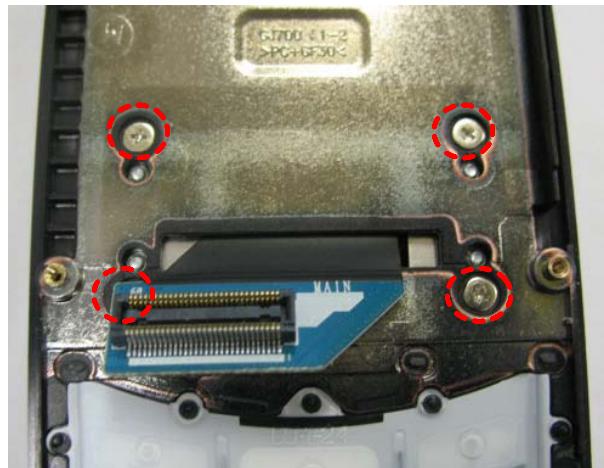
- 1) Be careful not to damage to FPCB.

5



- 1) Assembly the lower with the front.

6



- 1) Screw up the four points.

- 1) Be careful not to damage to FPCB.

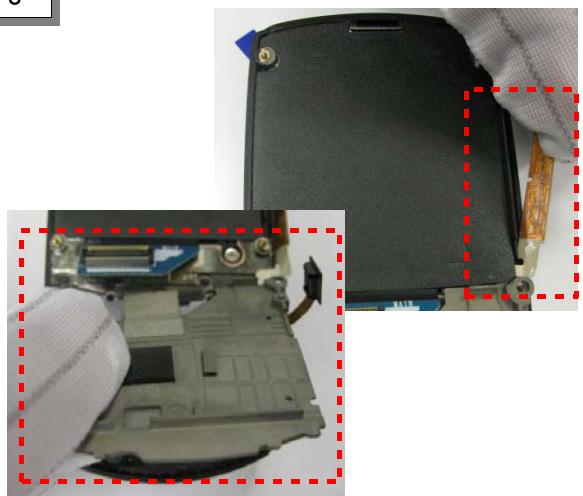
- 1) Be careful not to damage to FPCB.

7



- 1) Attach the black tape.

8

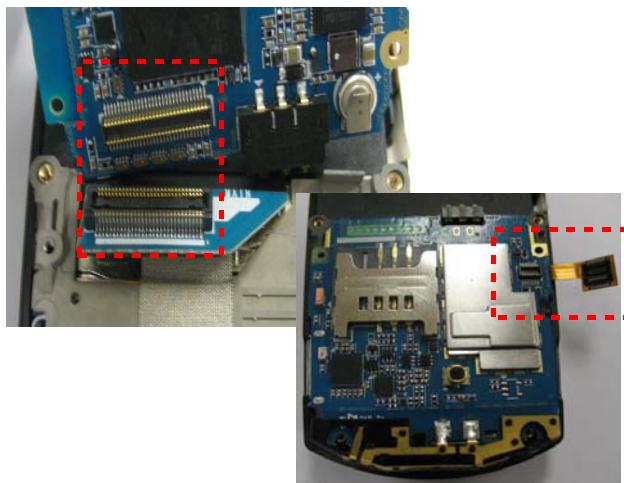


- 1) After attaching the volume key next to the side, put the bracket onto the front.

- 1) Be careful not to tear the tape with the tweezers.

- 1) Be careful not to damage to FPCB.

9



- 1) Join the LCD connector with the main board, and then do the key FPCB connector with the main board.

10



- 1) Assembly the rear join the front from the bottom.

- 1) Be careful not to damage to FPCB.

- 1) Be careful not to make a superficial scratch.

11



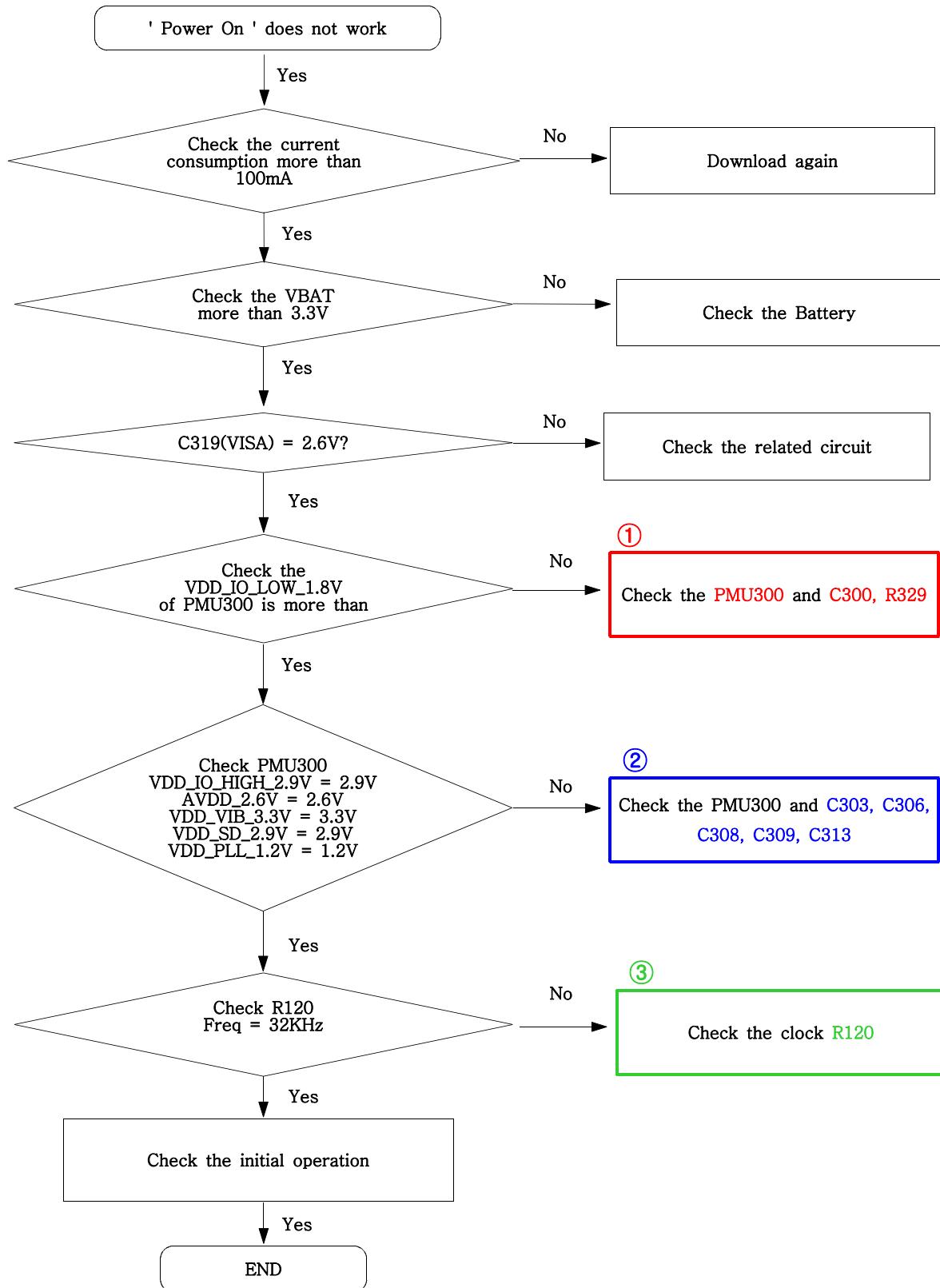
- 1) Screw up the 6 points.

12

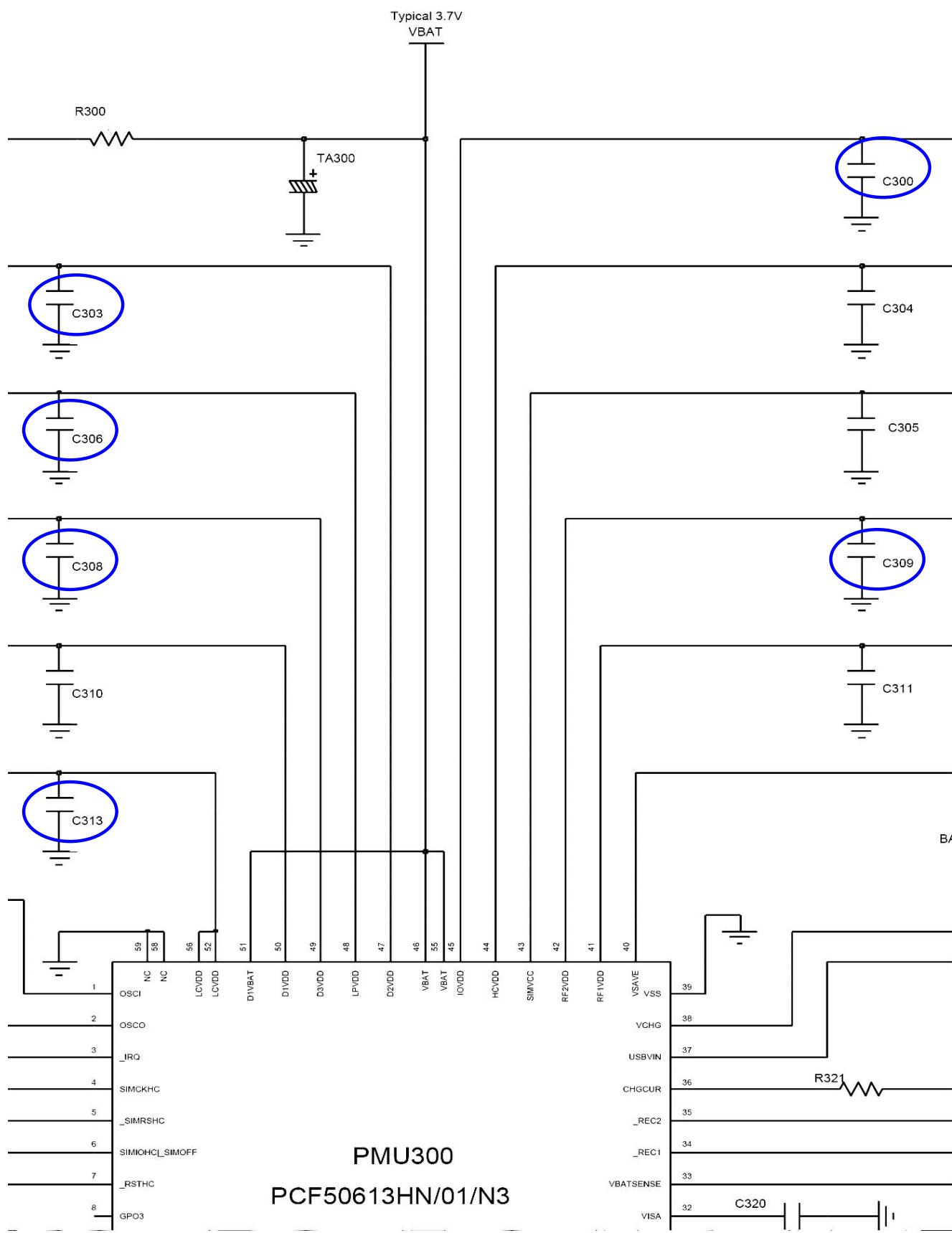
- 1) Be careful not to make a superficial scratch.

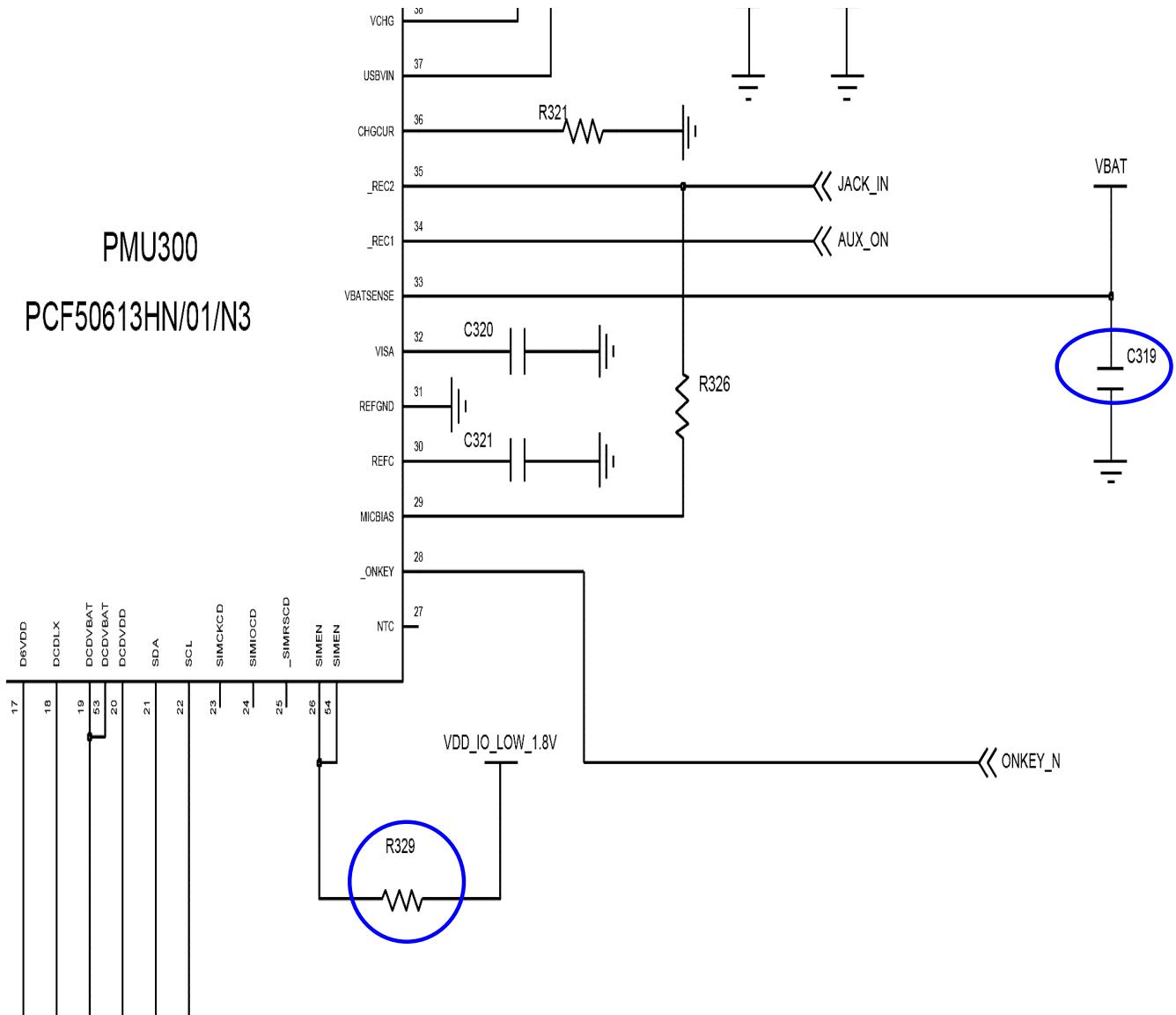
9. Flow Chart of Troubleshooting

9-1. Power On

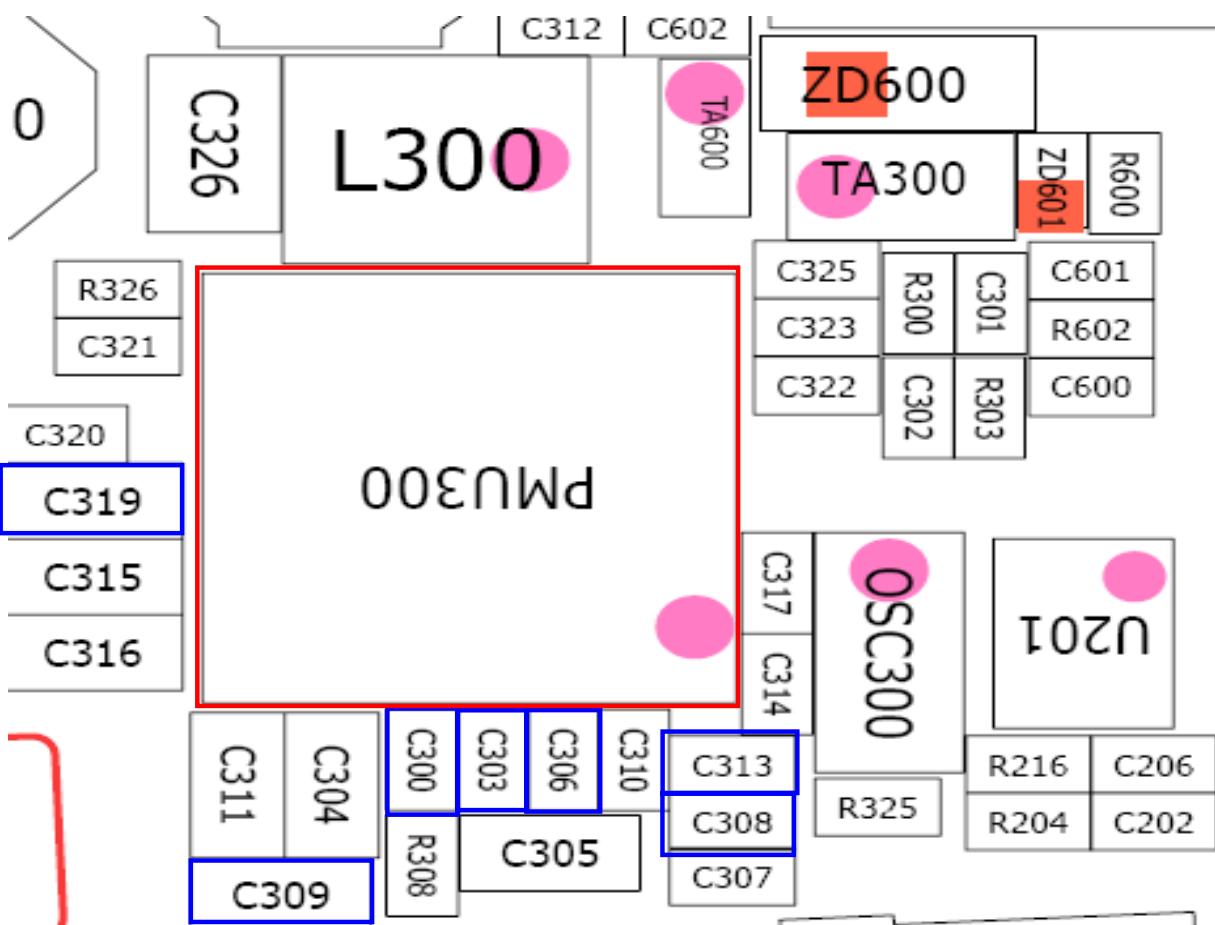


Flow Chart of Troubleshooting

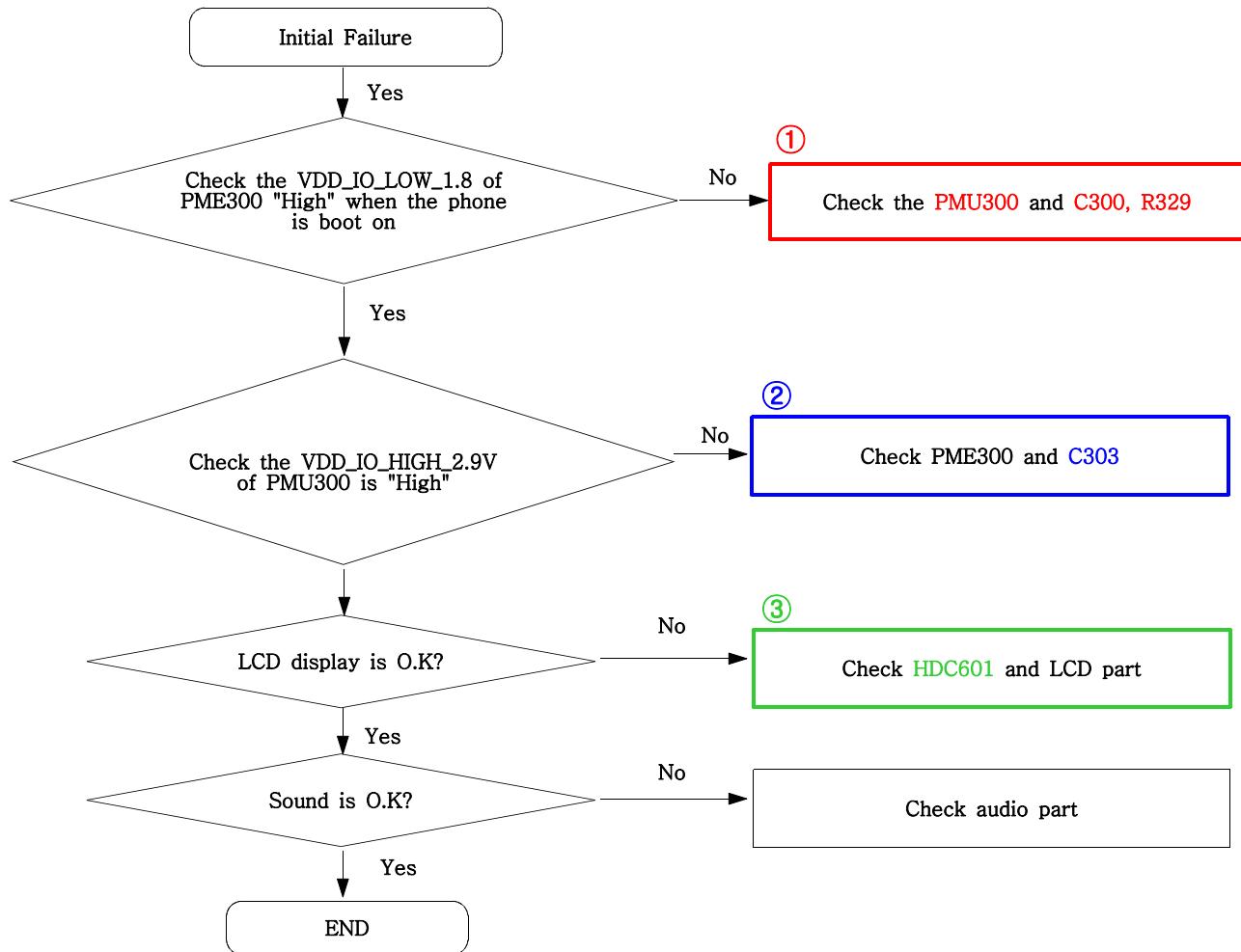




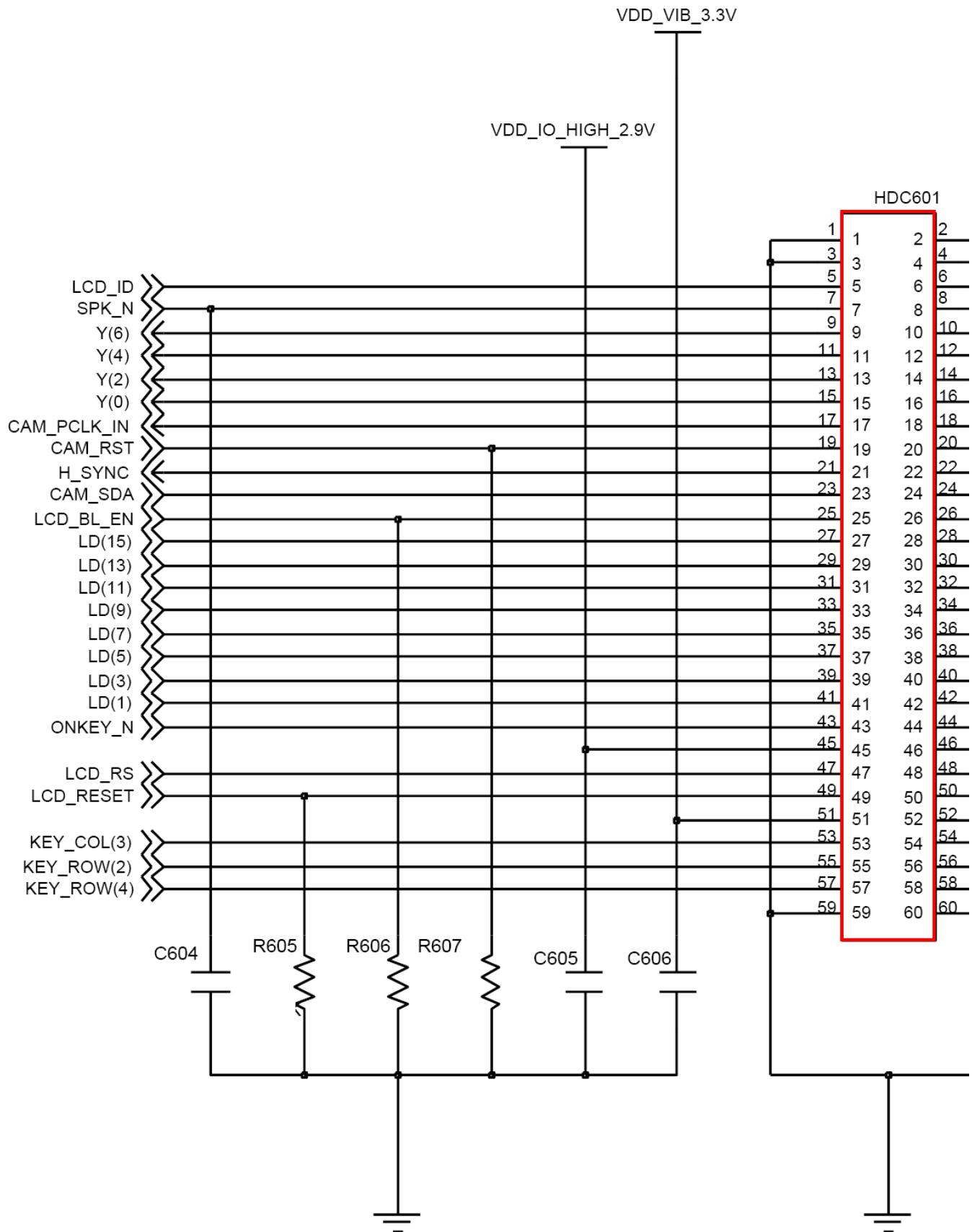
Flow Chart of Troubleshooting

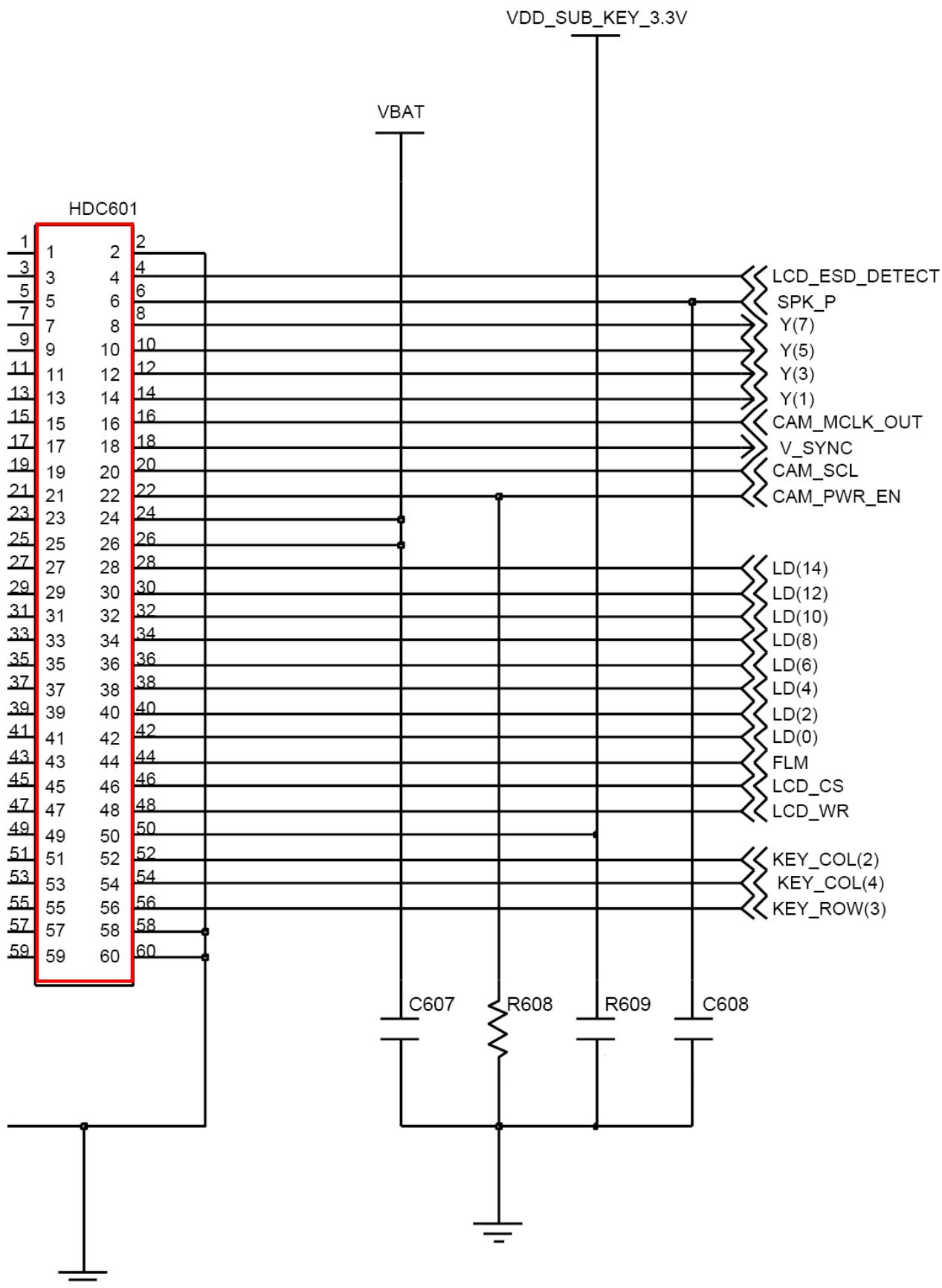


9-2. Initial

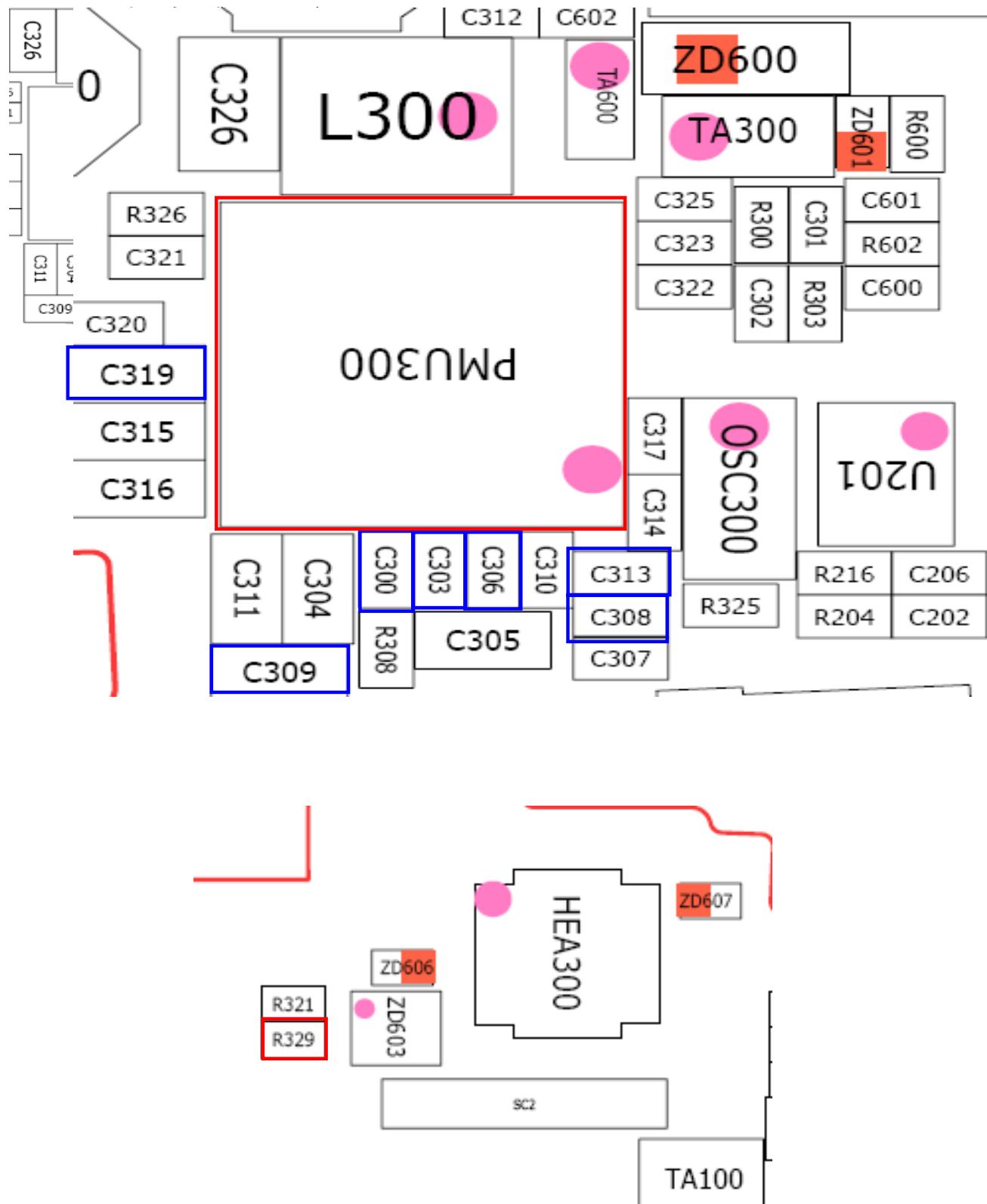


Flow Chart of Troubleshooting

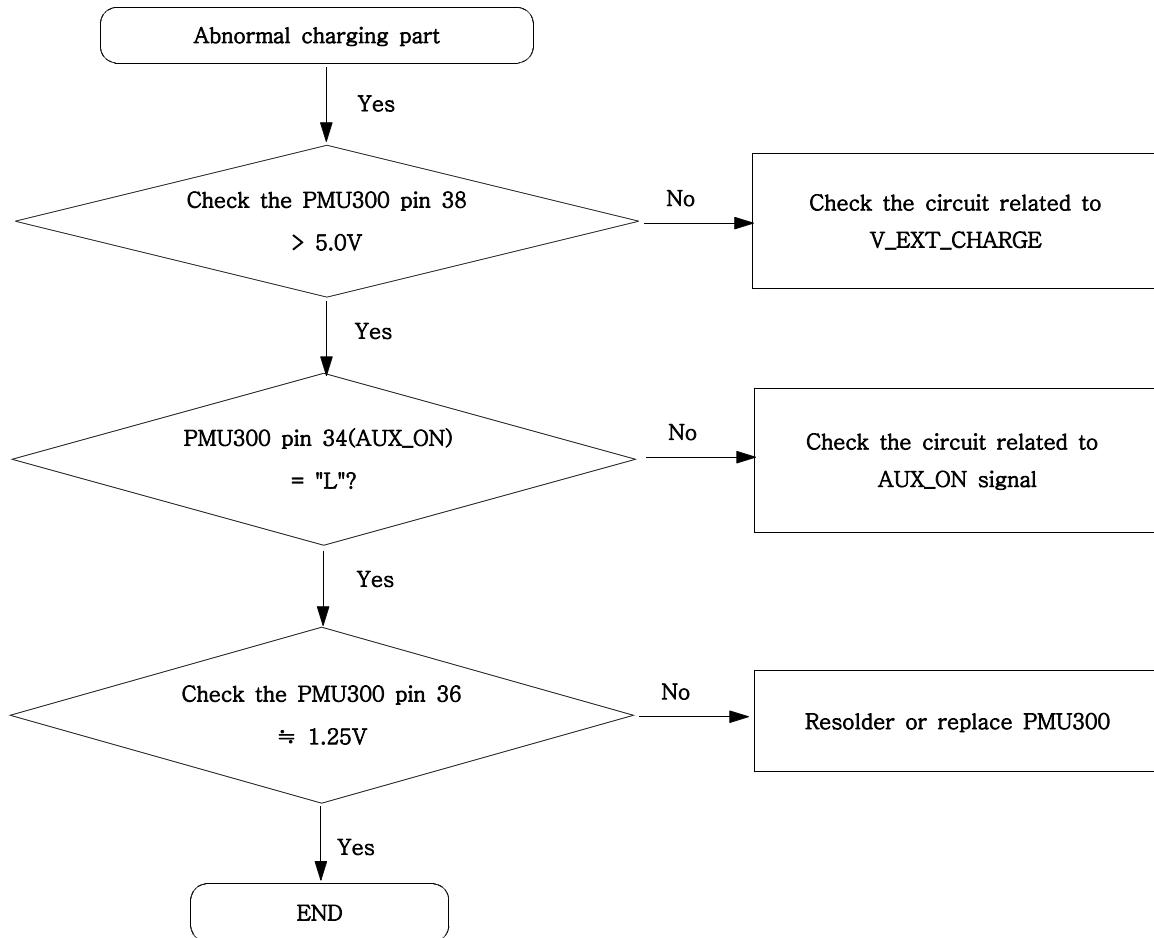




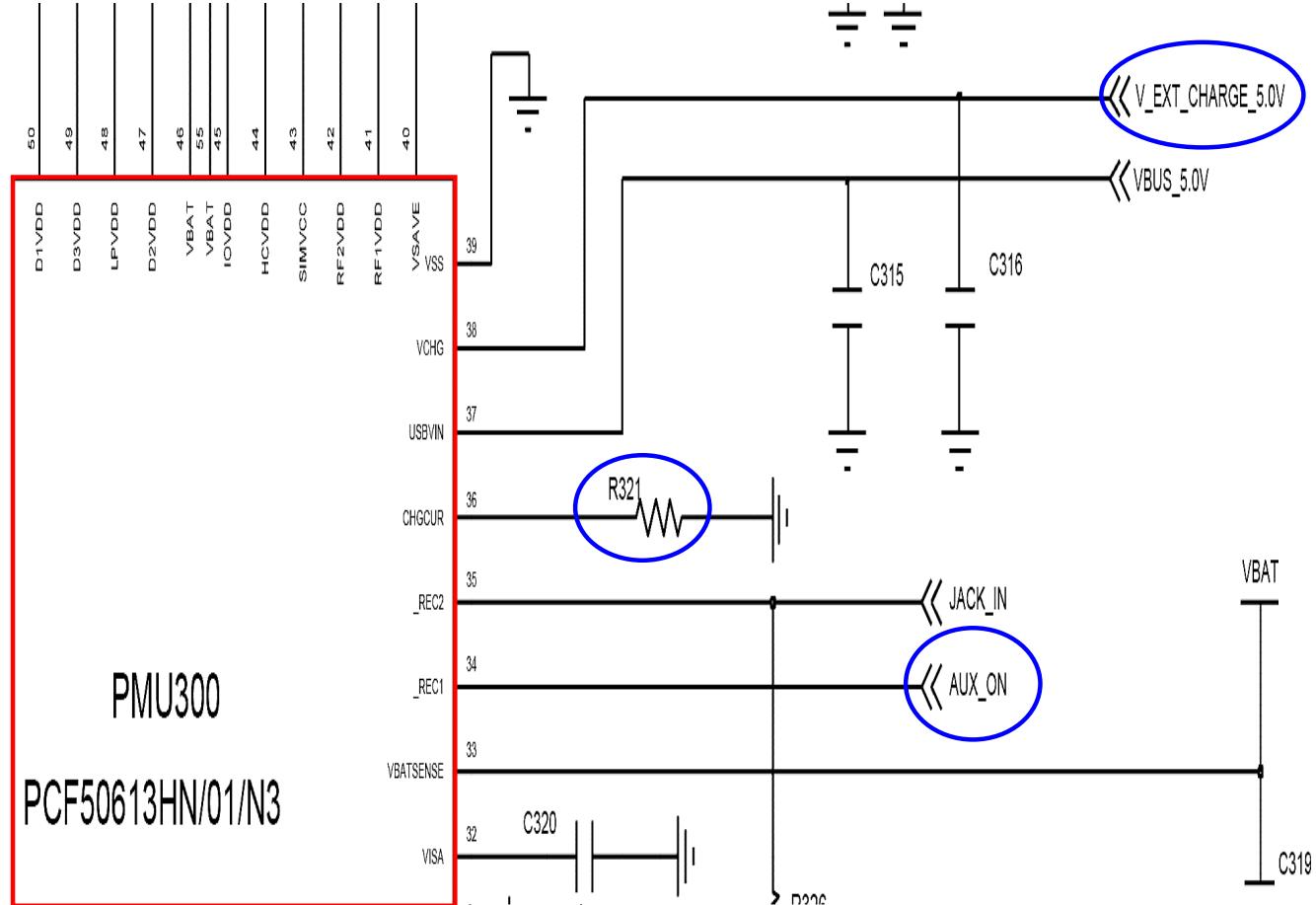
Flow Chart of Troubleshooting



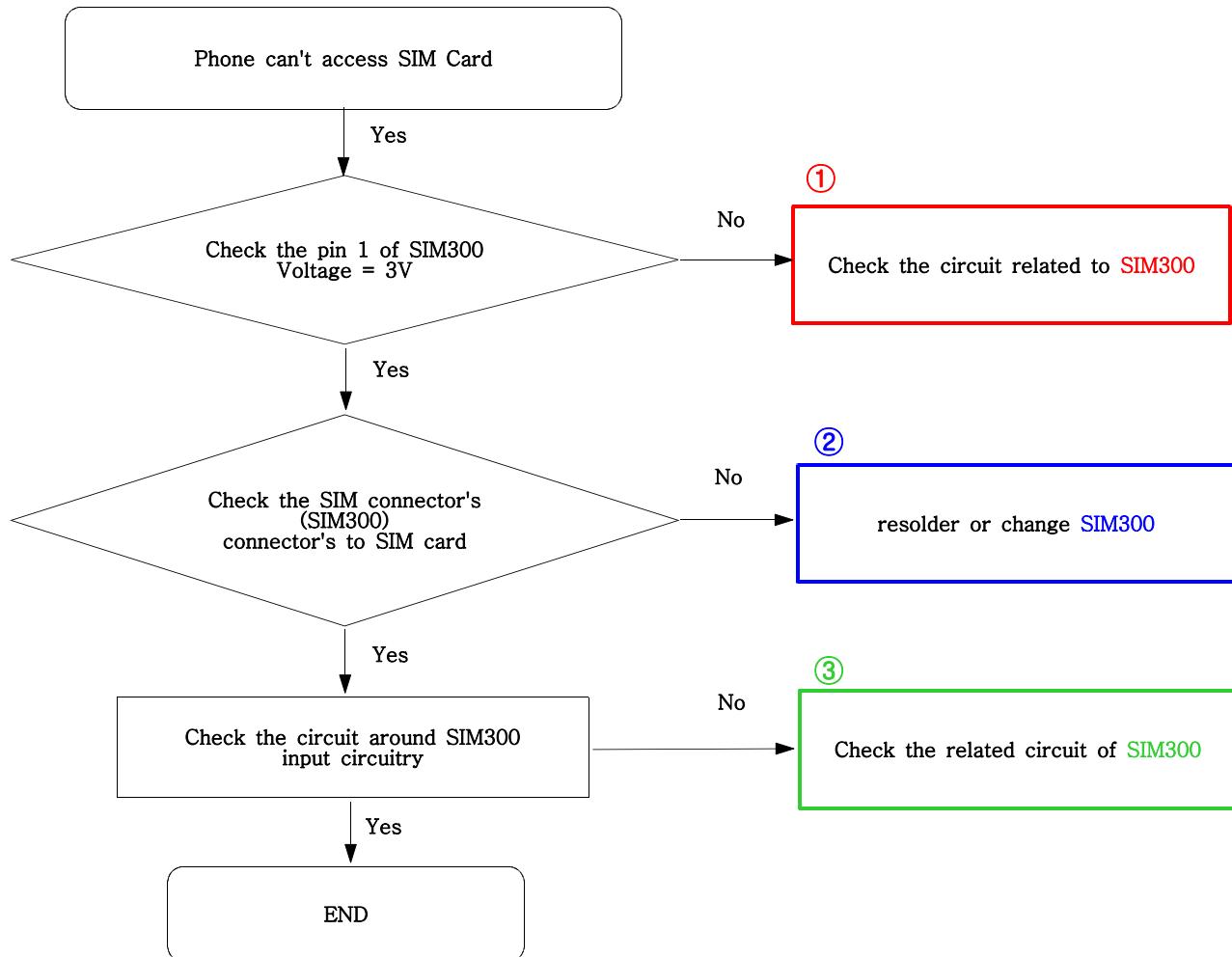
9-3. Charging Part



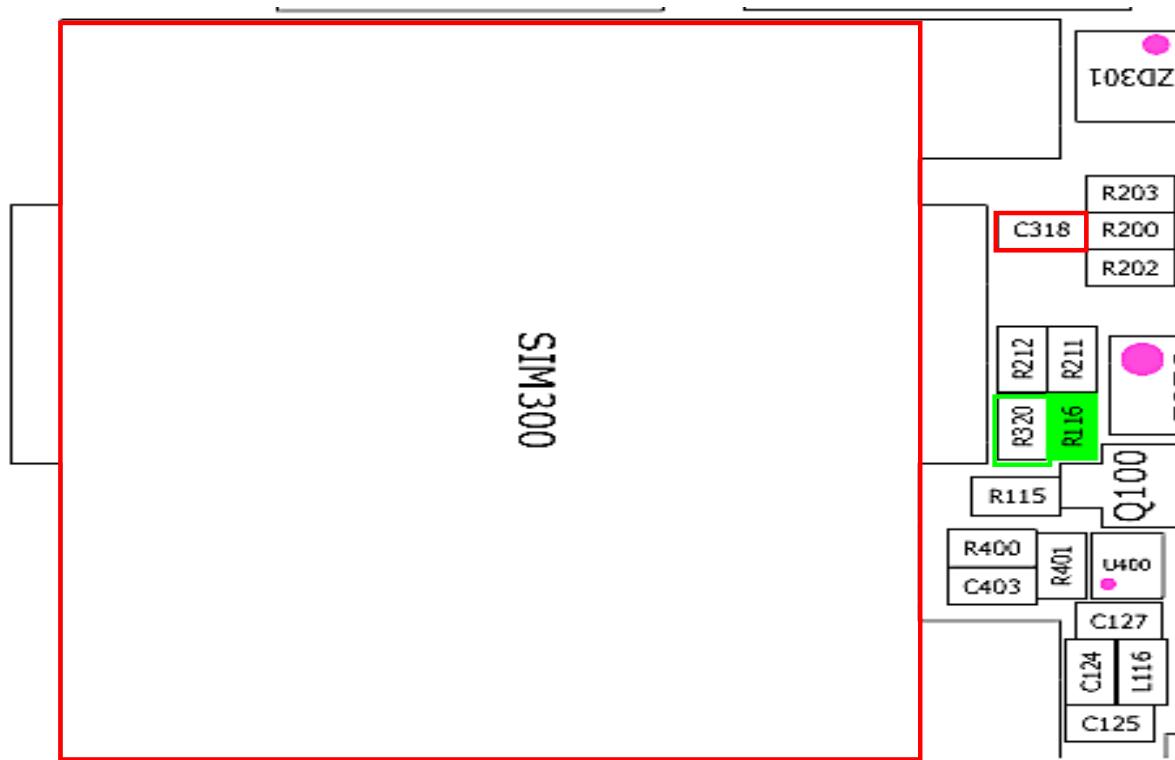
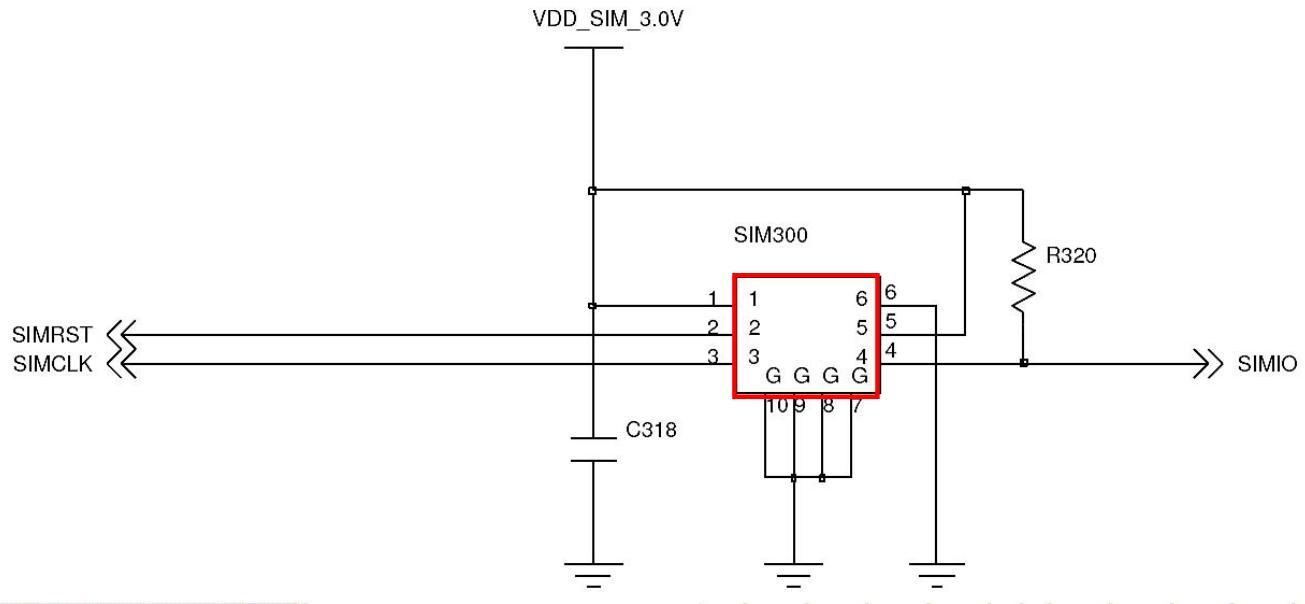
Flow Chart of Troubleshooting



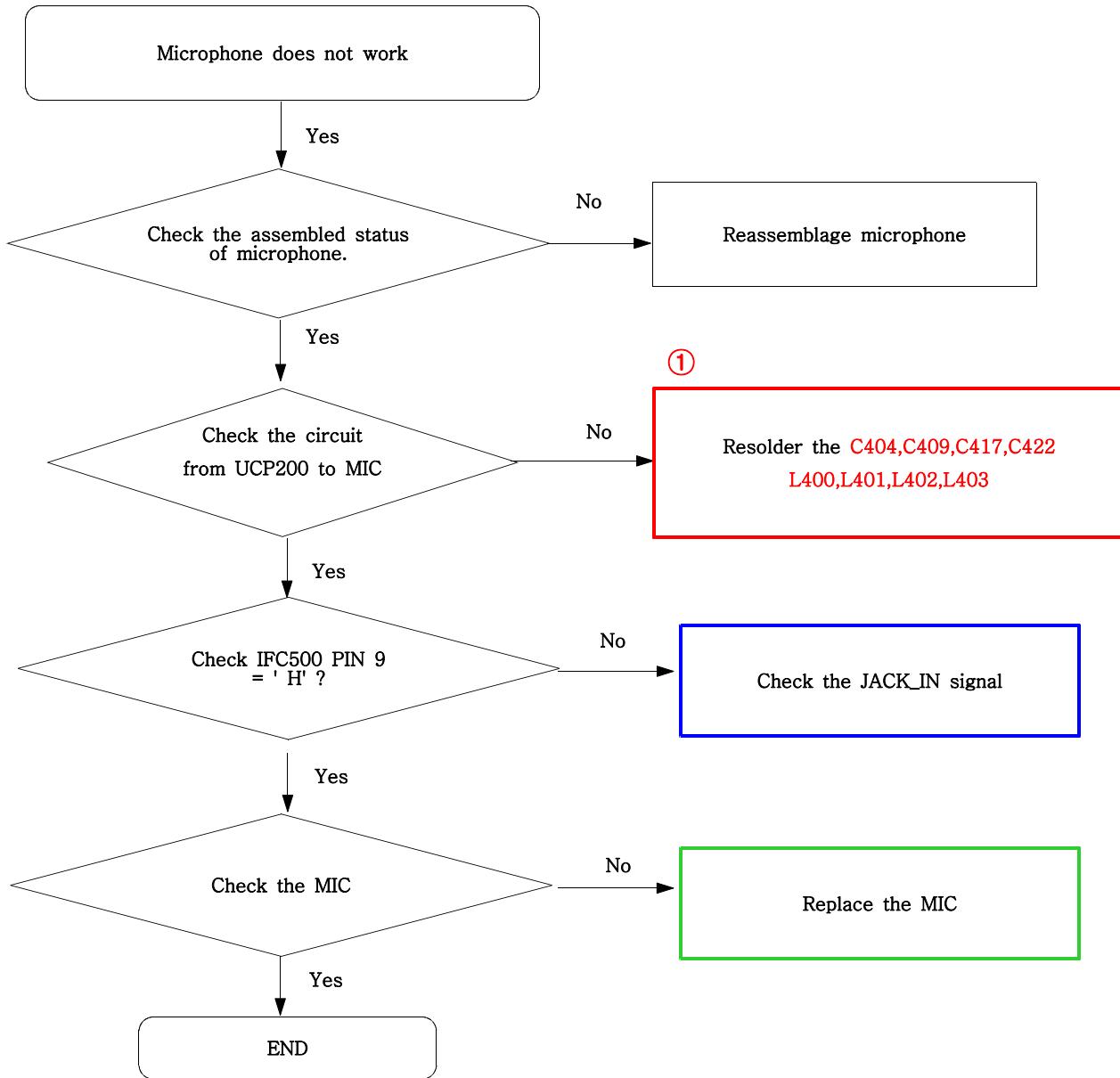
9-4. Sim Part



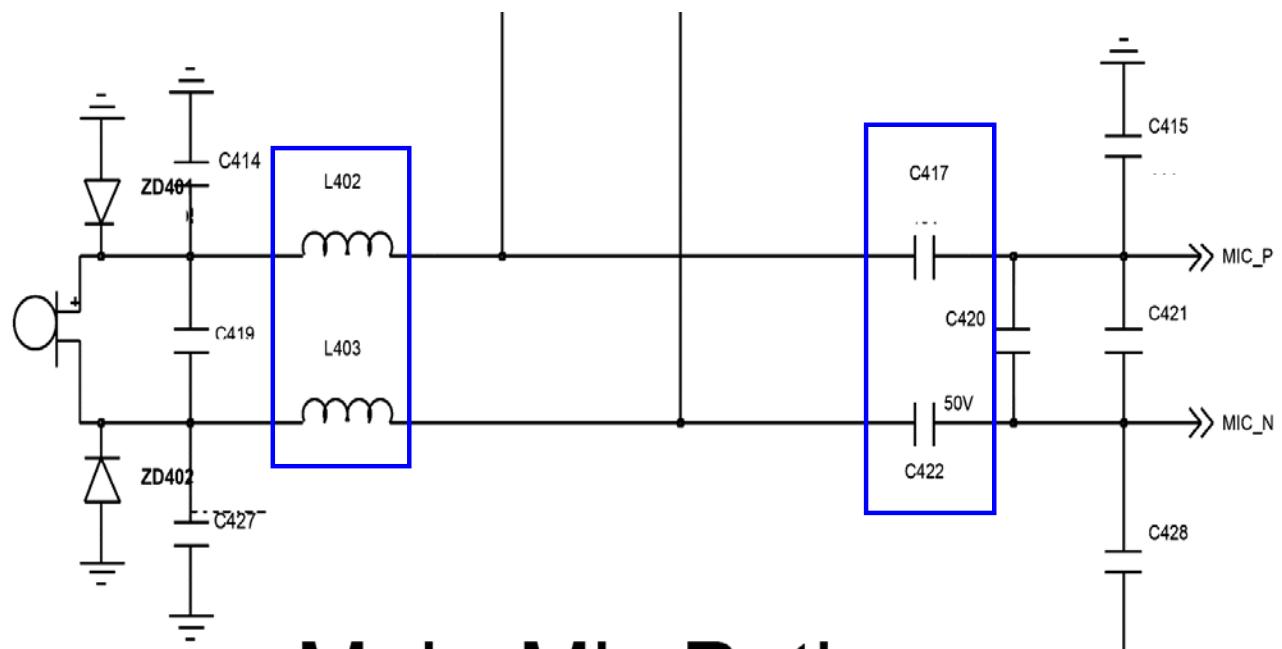
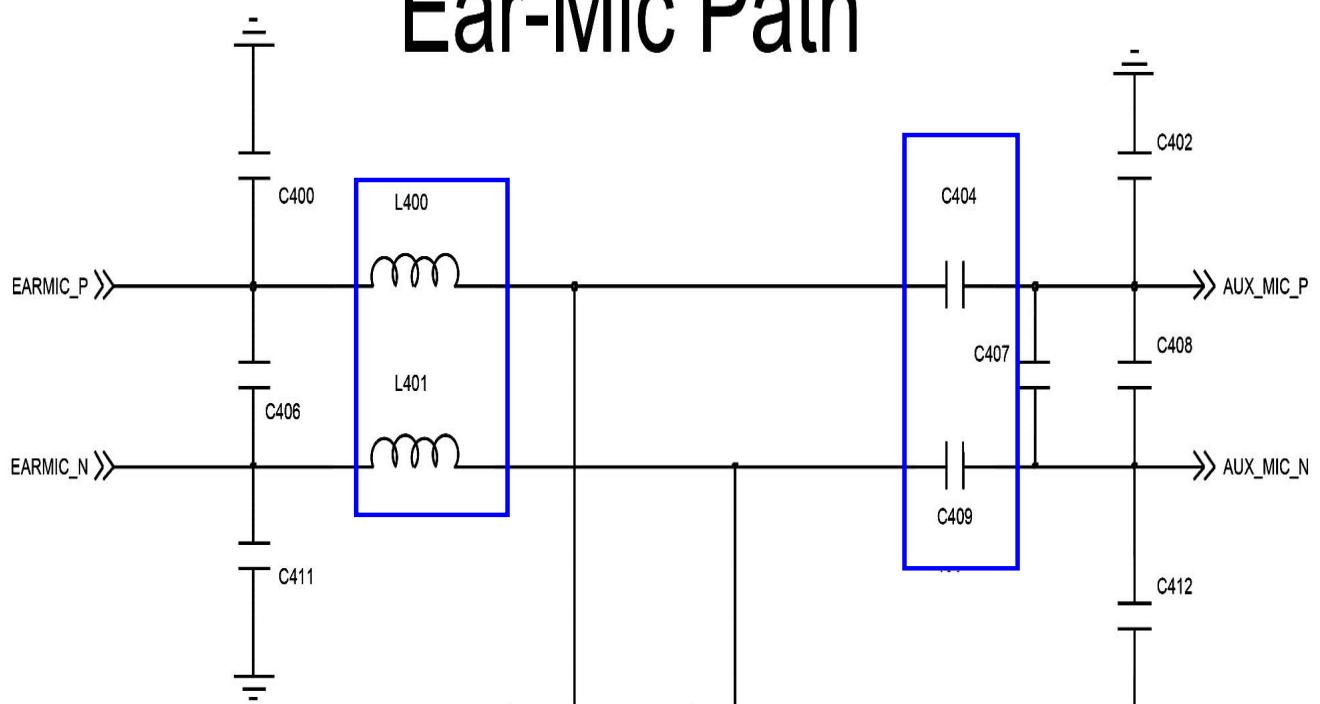
Flow Chart of Troubleshooting



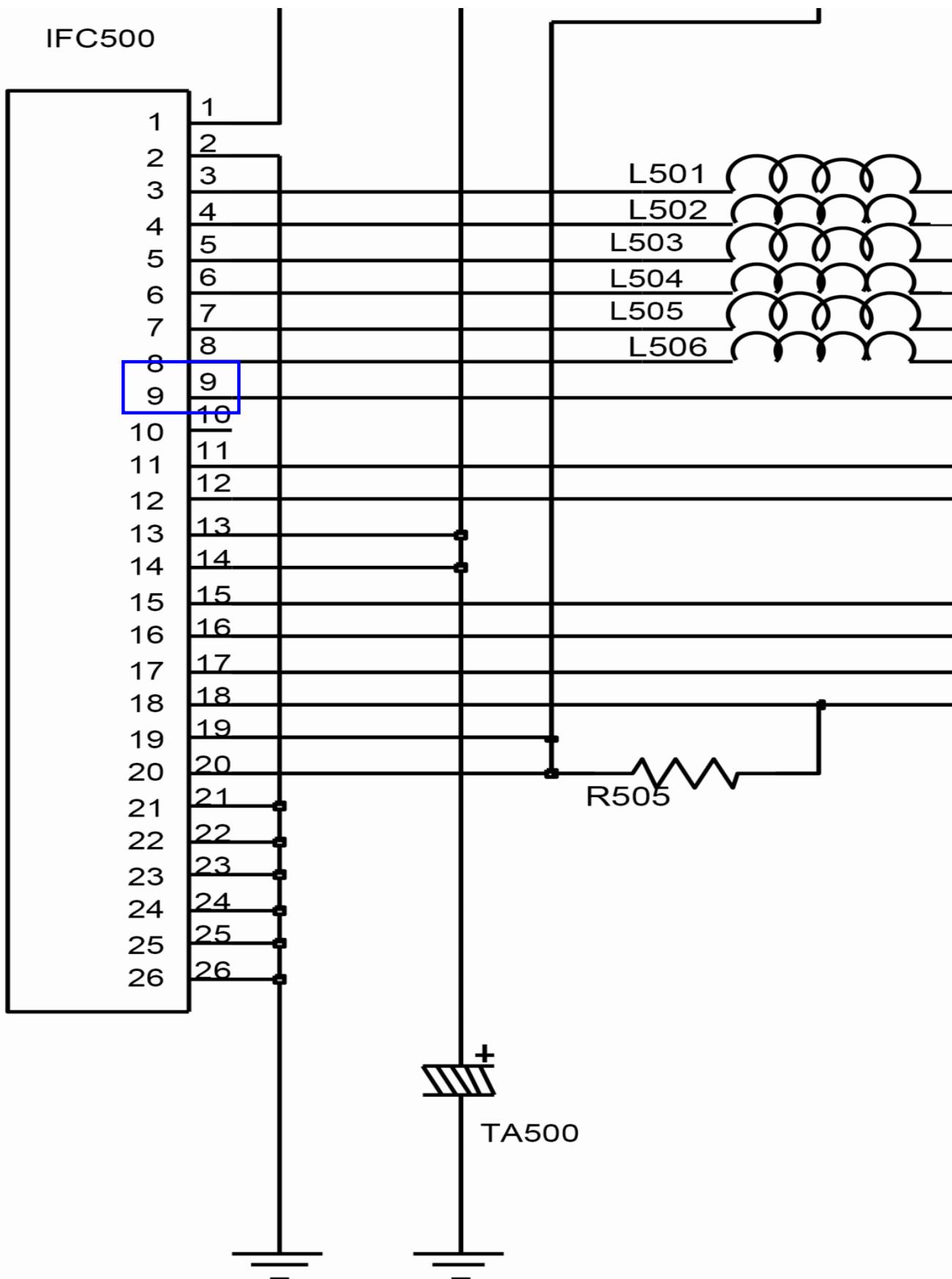
9-5. Microphone Part



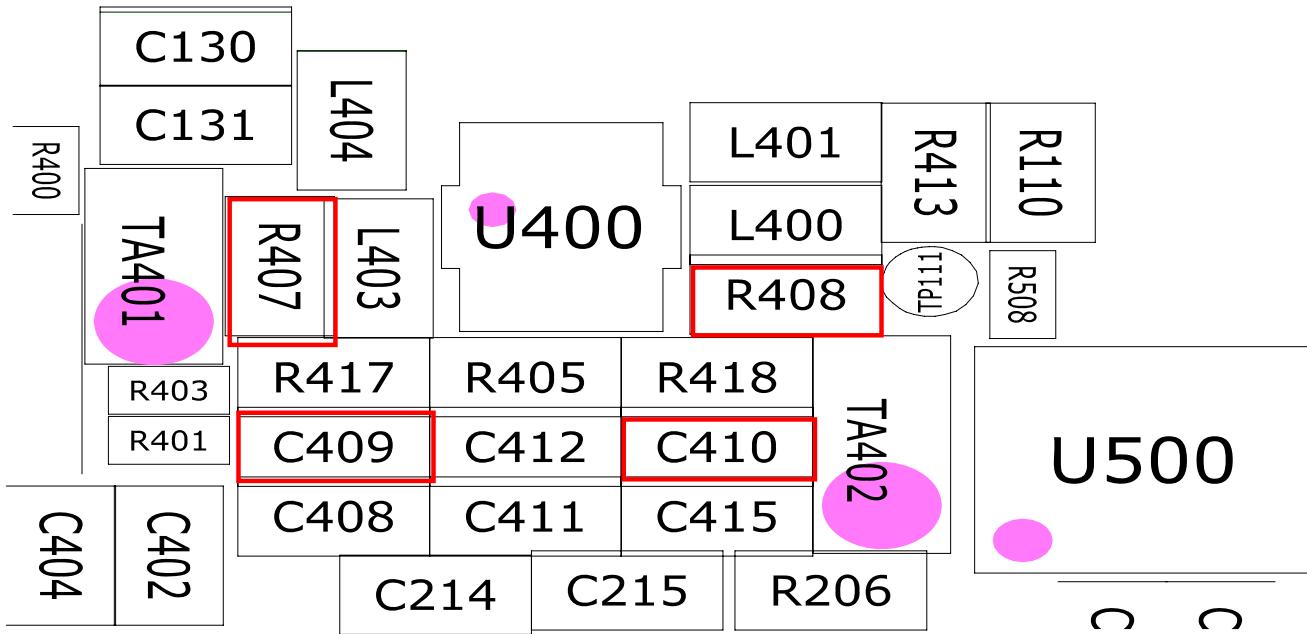
Ear-Mic Path



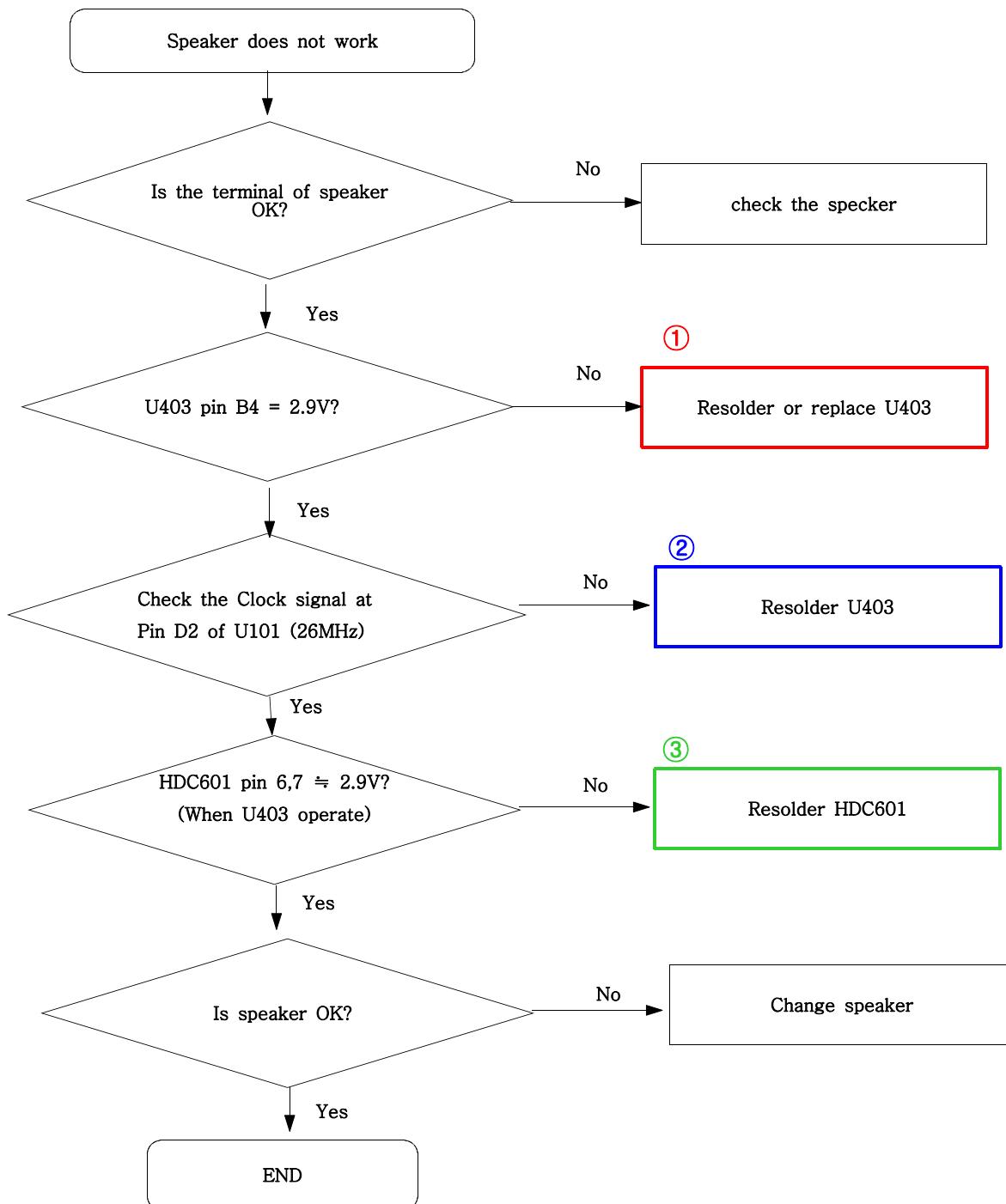
Main-Mic Path



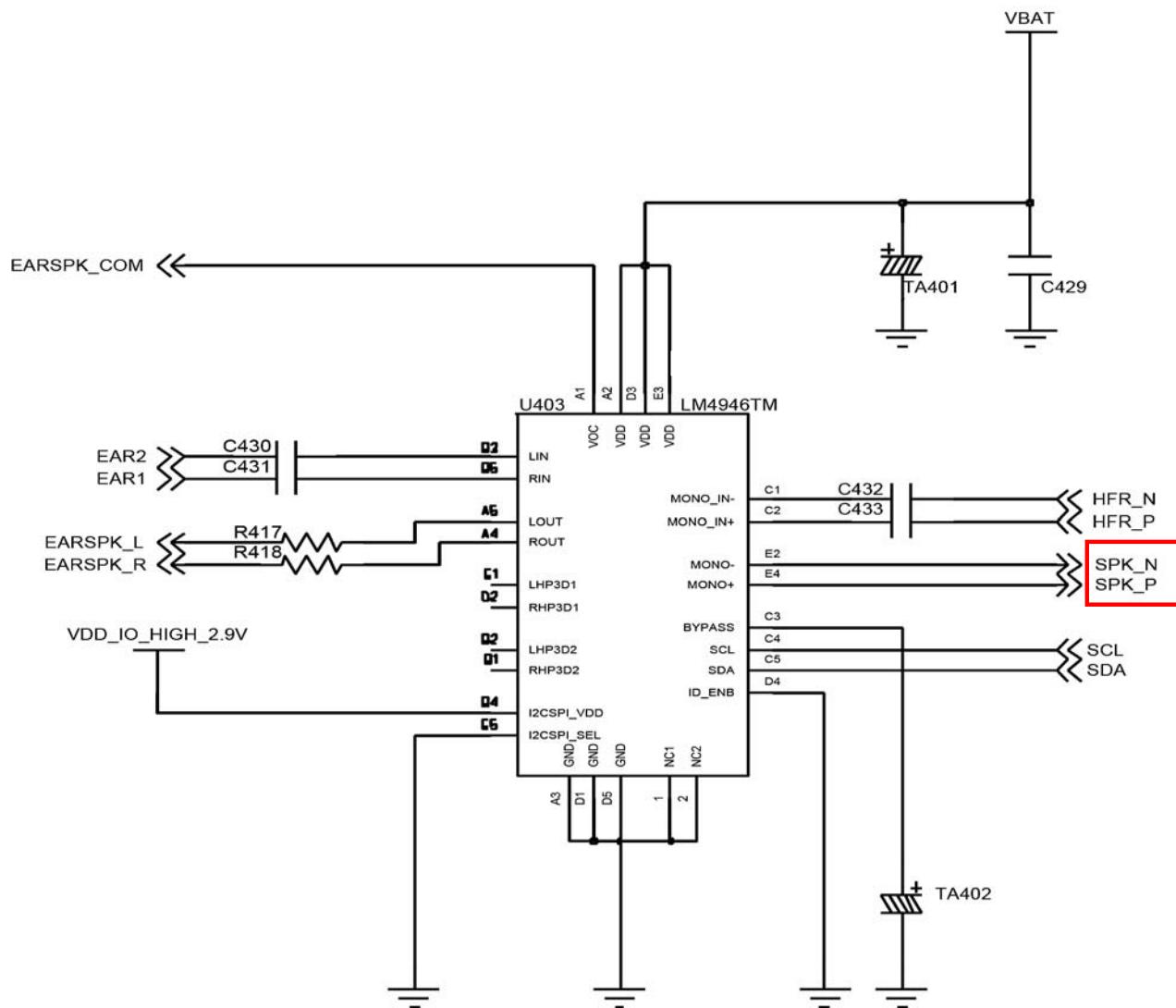
Flow Chart of Troubleshooting

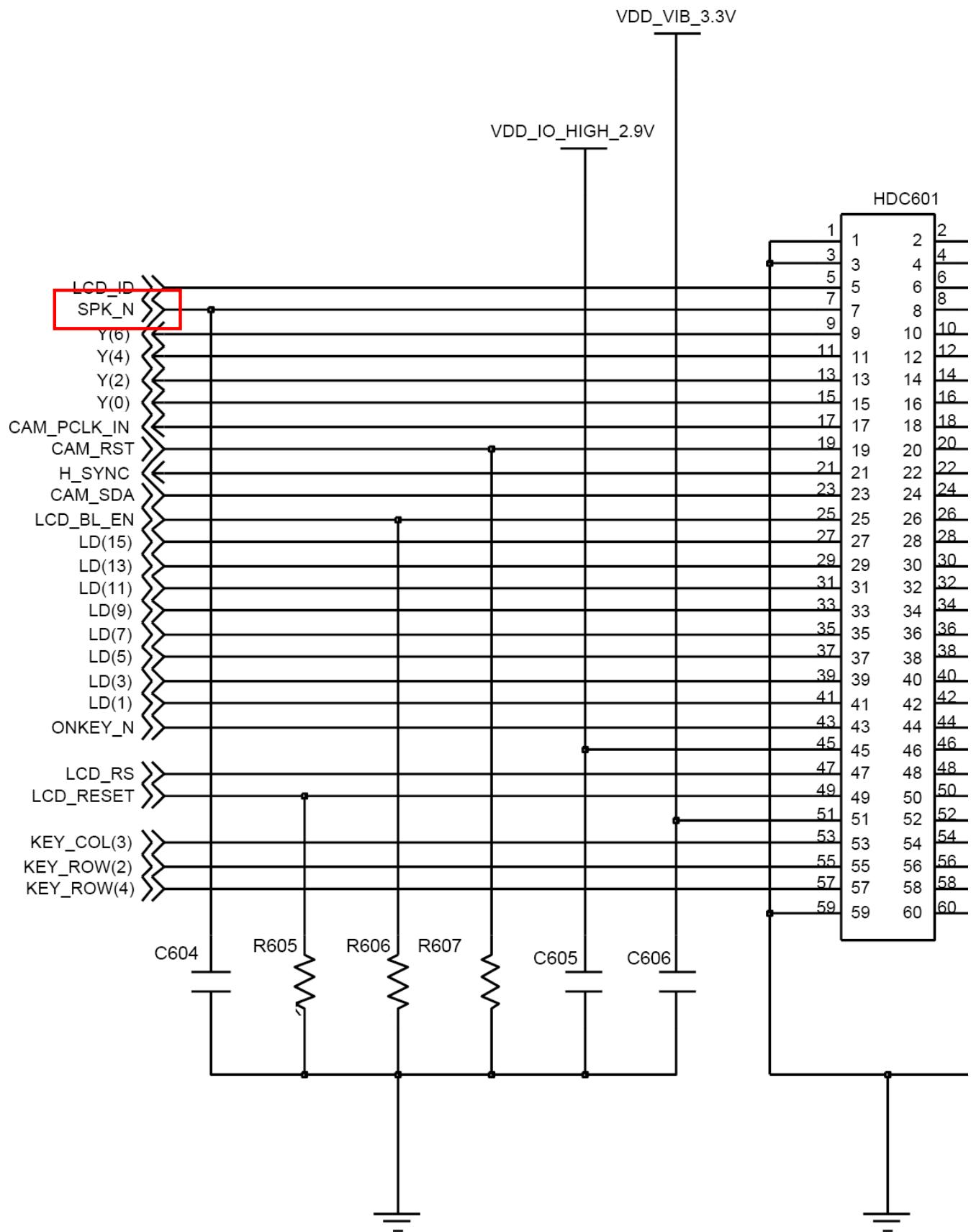


9-6. Speaker Part(Melody)

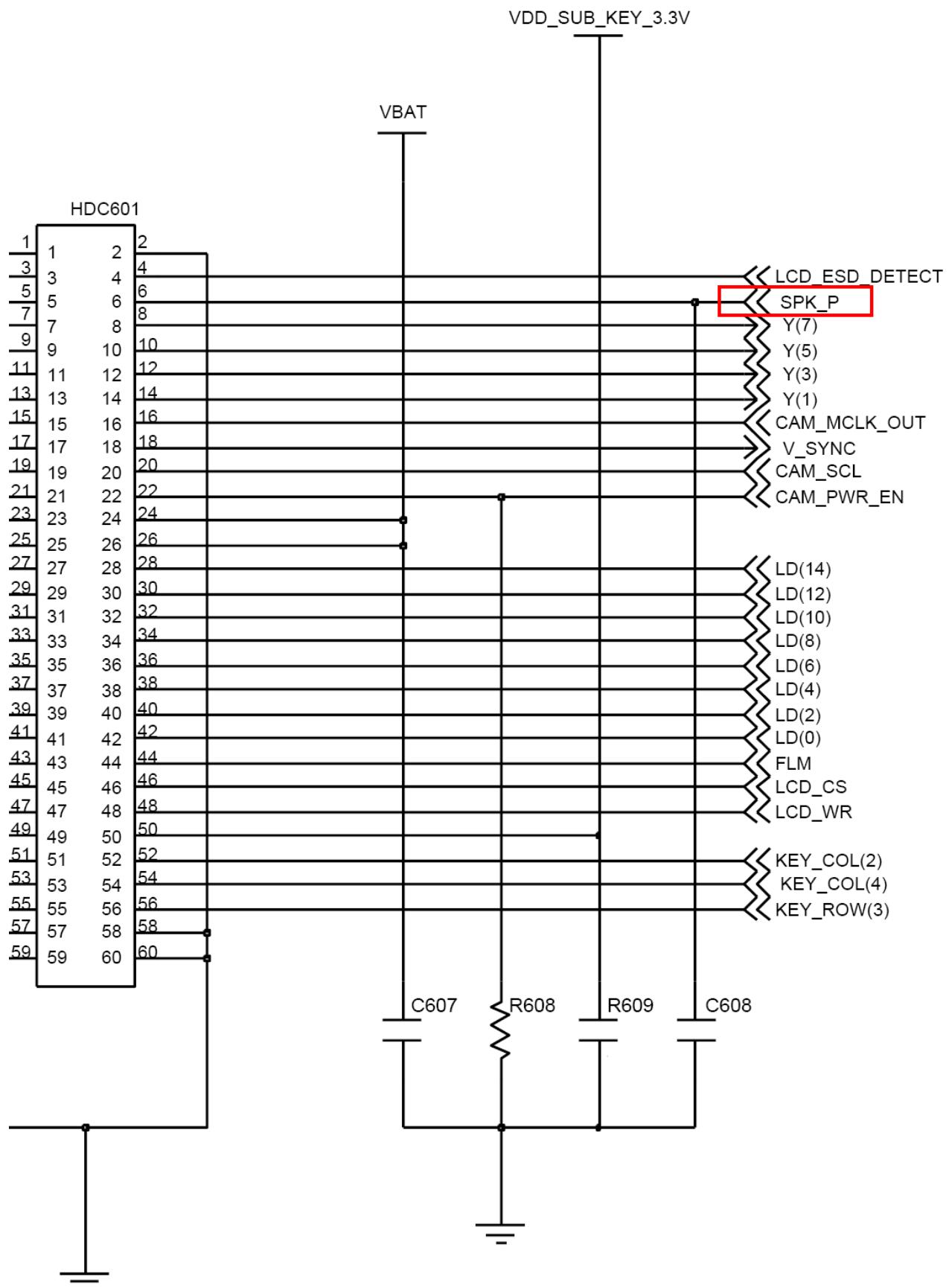


Flow Chart of Troubleshooting

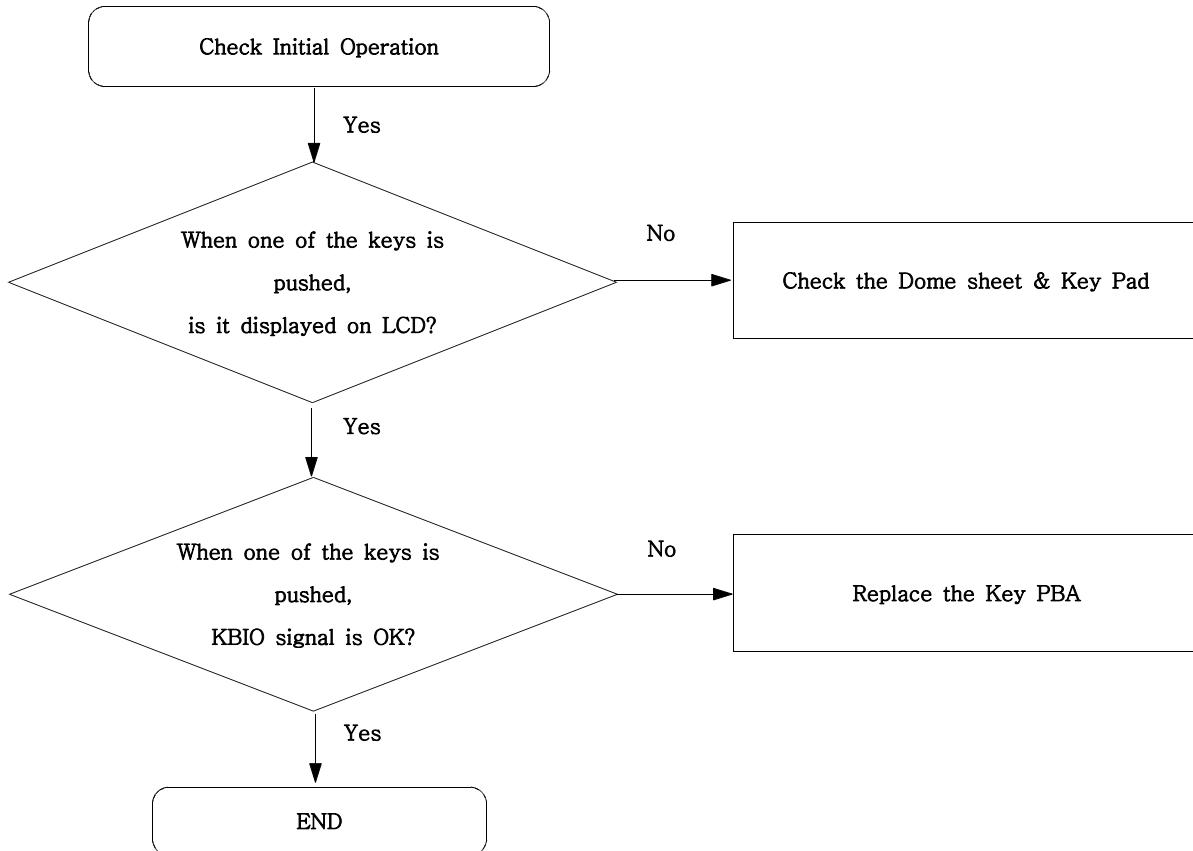




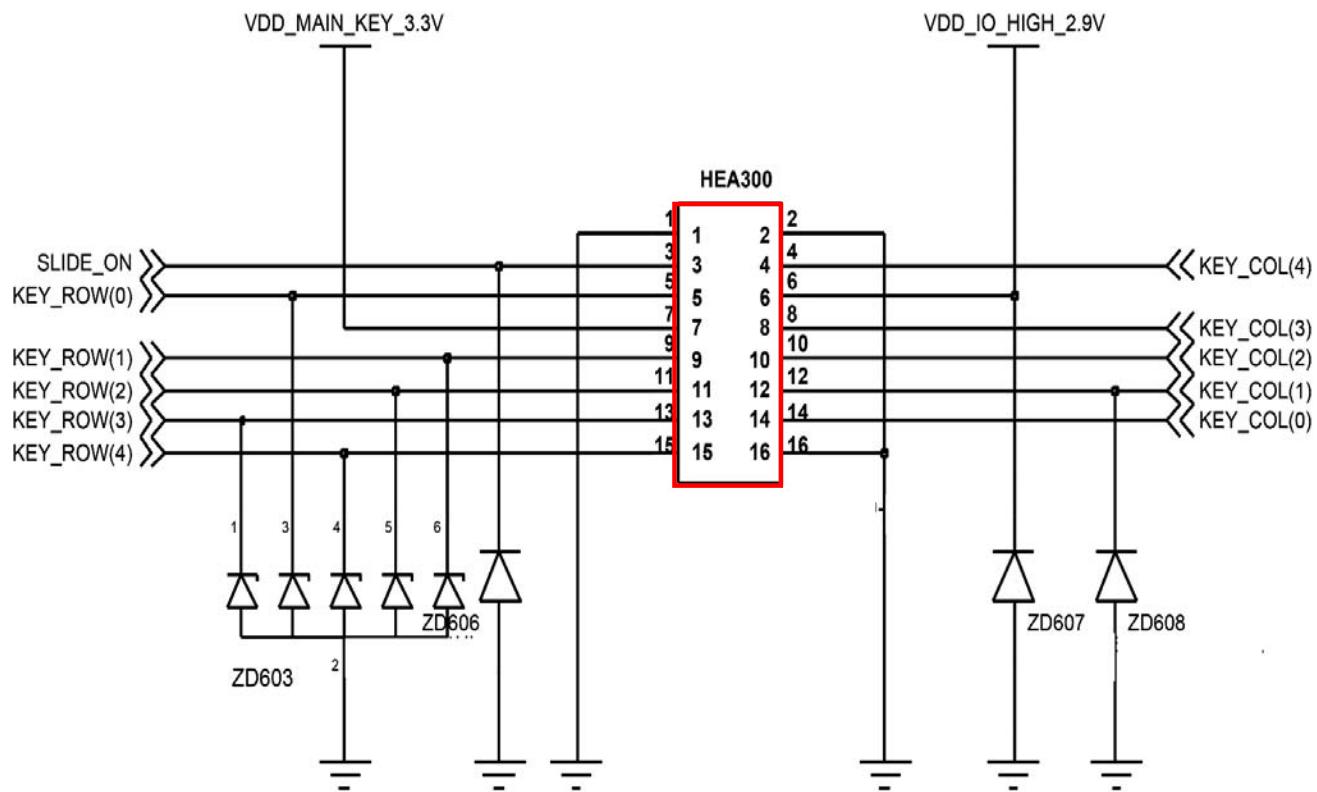
Flow Chart of Troubleshooting



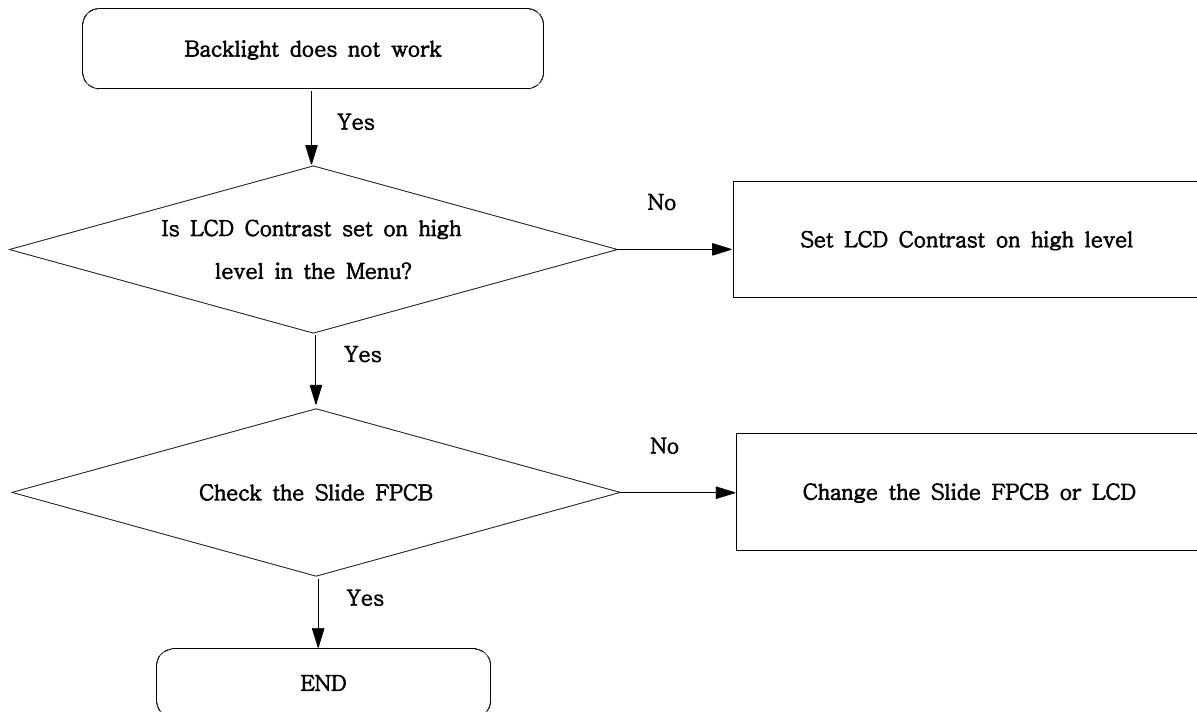
9-7. Key Data Input



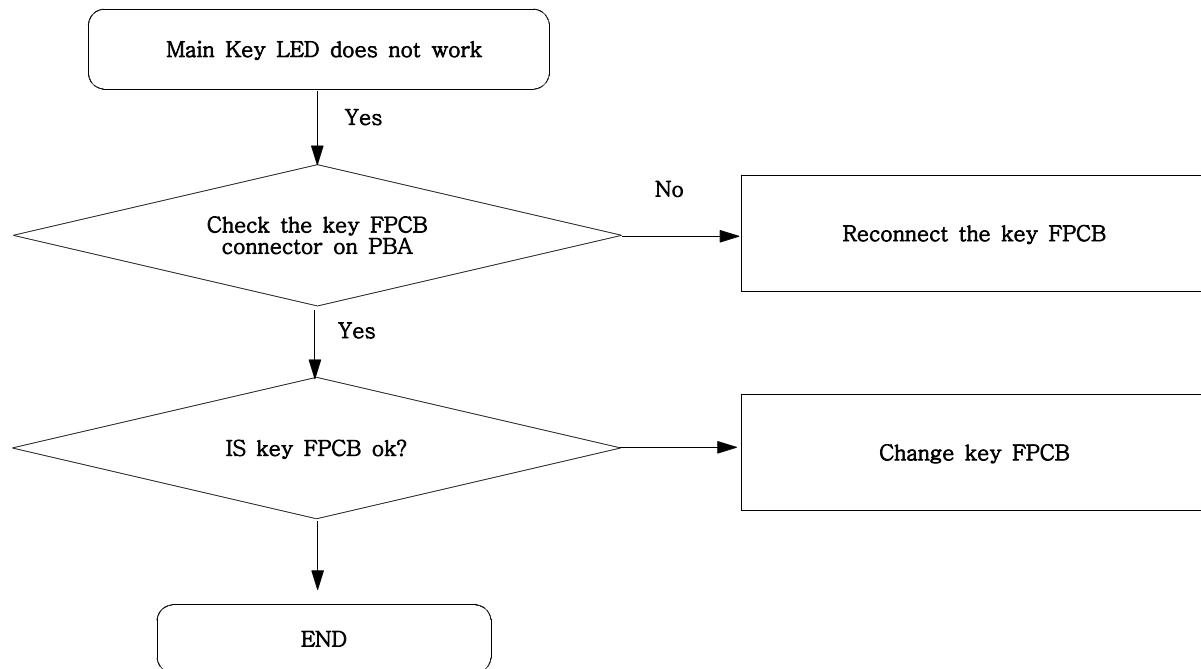
Flow Chart of Troubleshooting



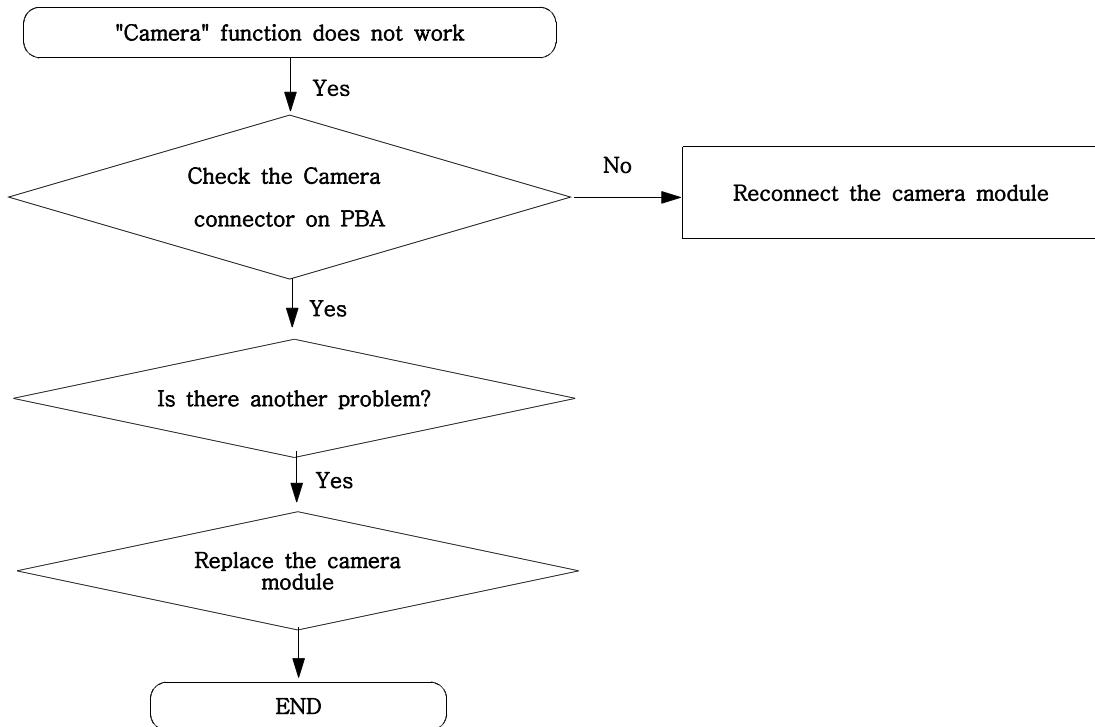
9-8. Back Light (for Color Main LCD)



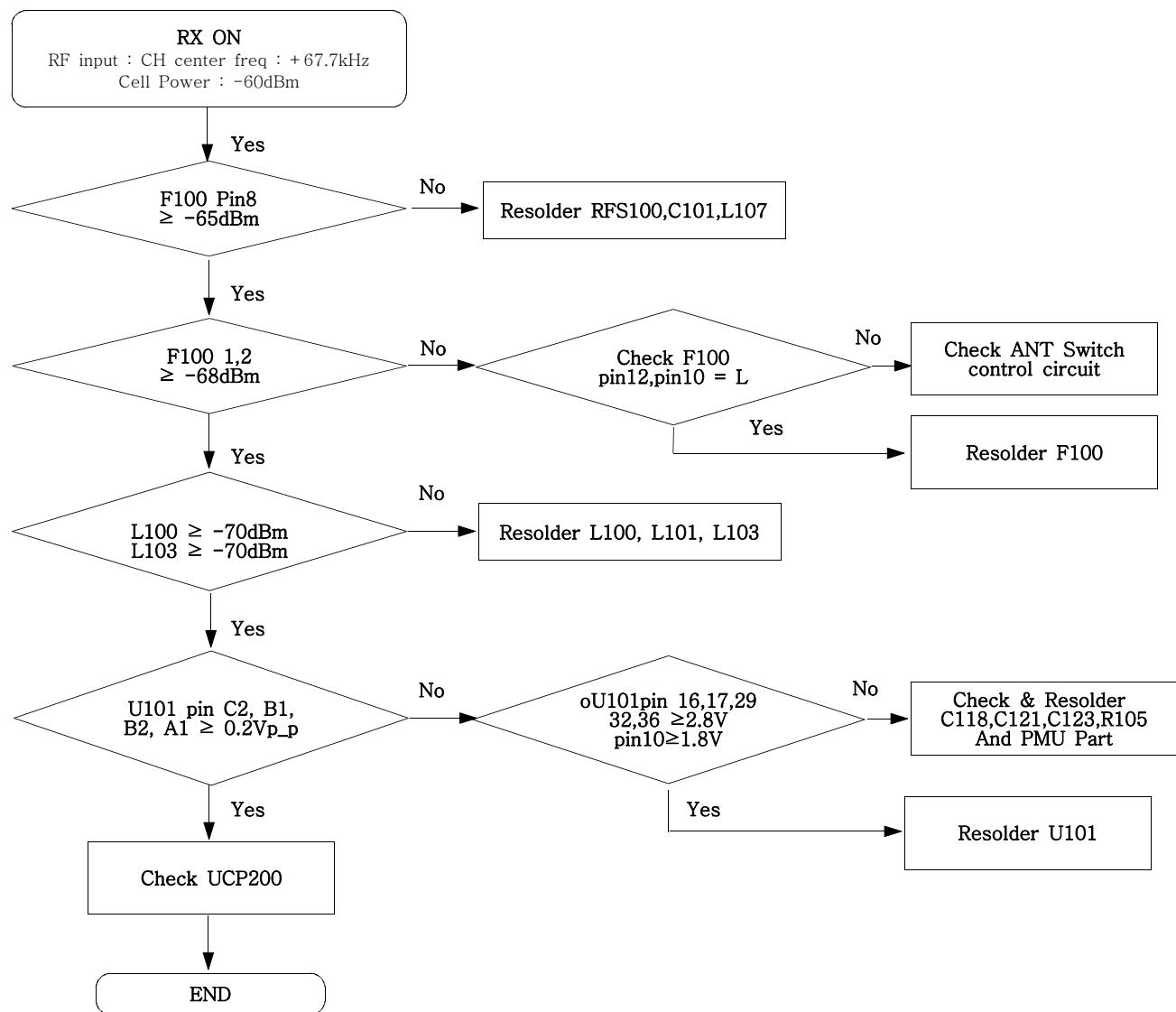
9-9. Key Back Light



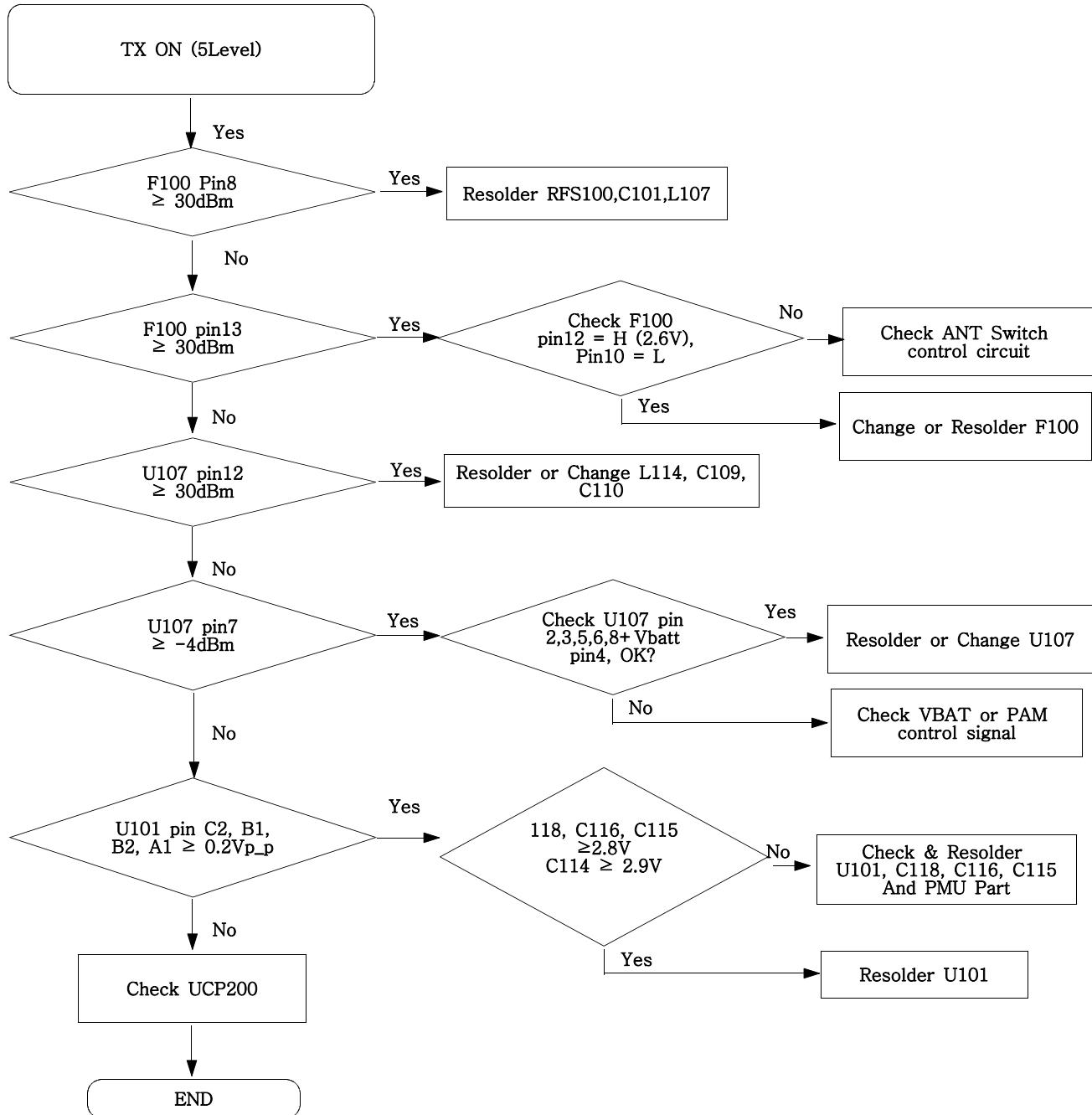
9-10. Camera part



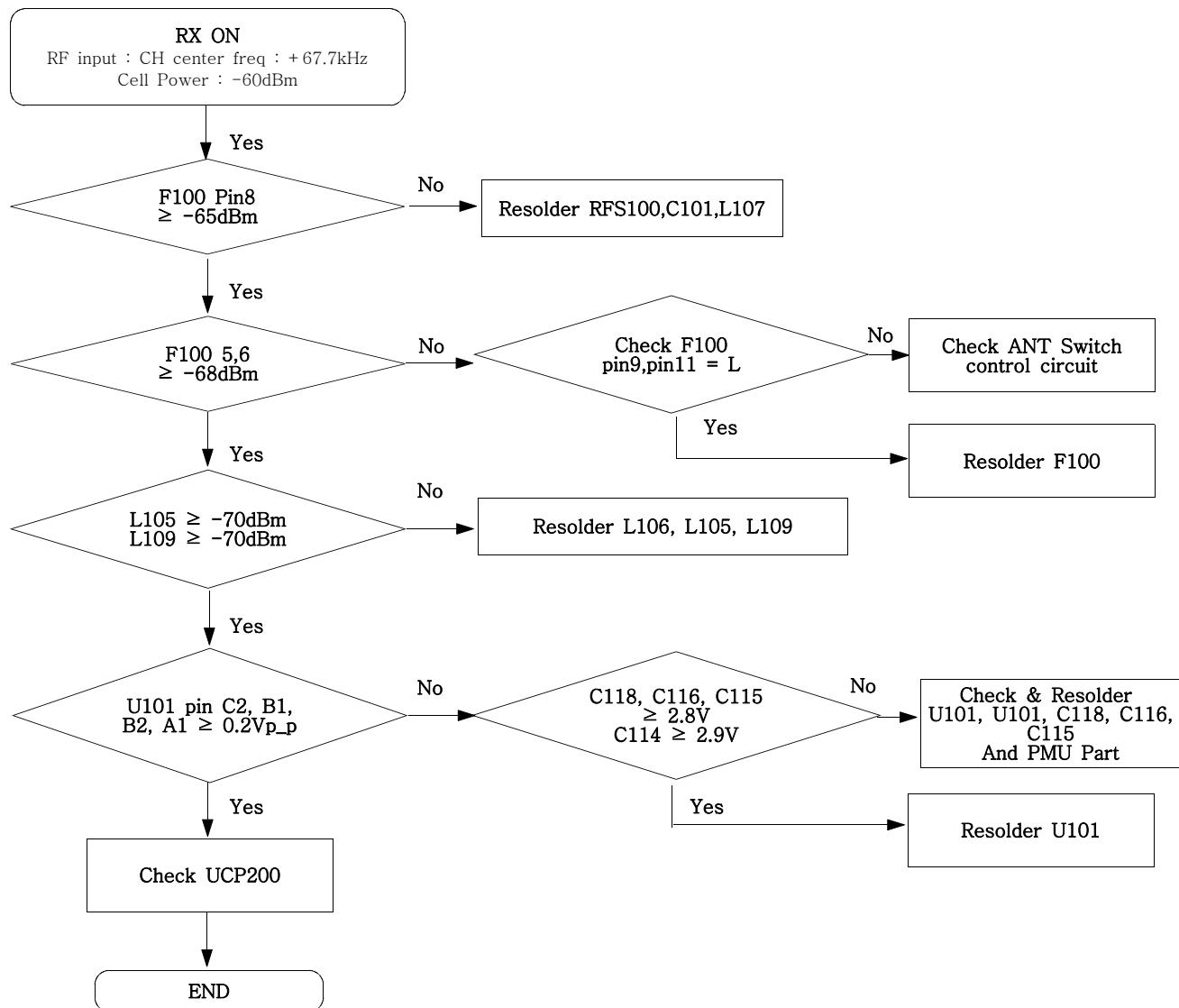
9-11. GSM Receiver



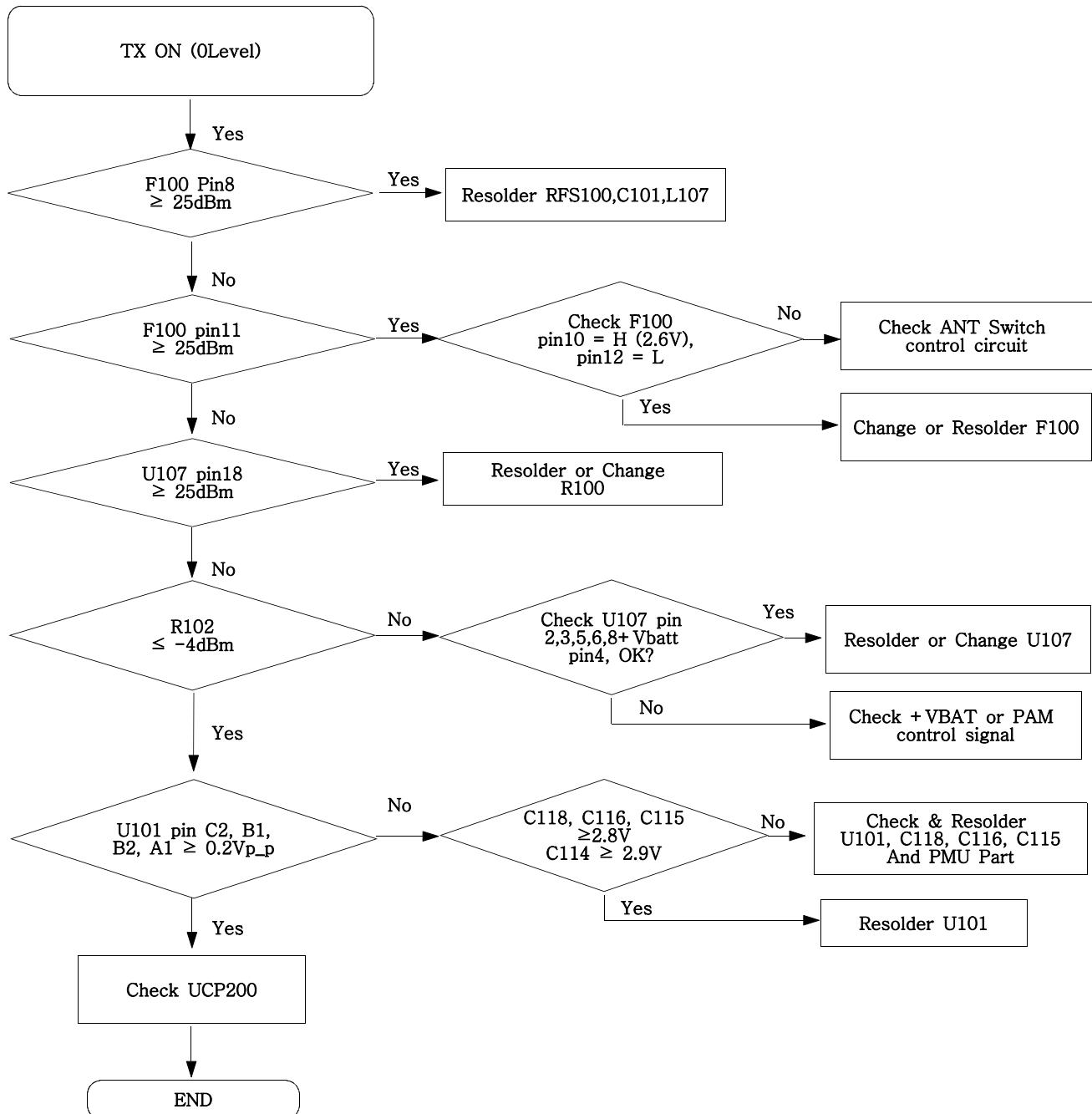
9-12. GSM Transmitter



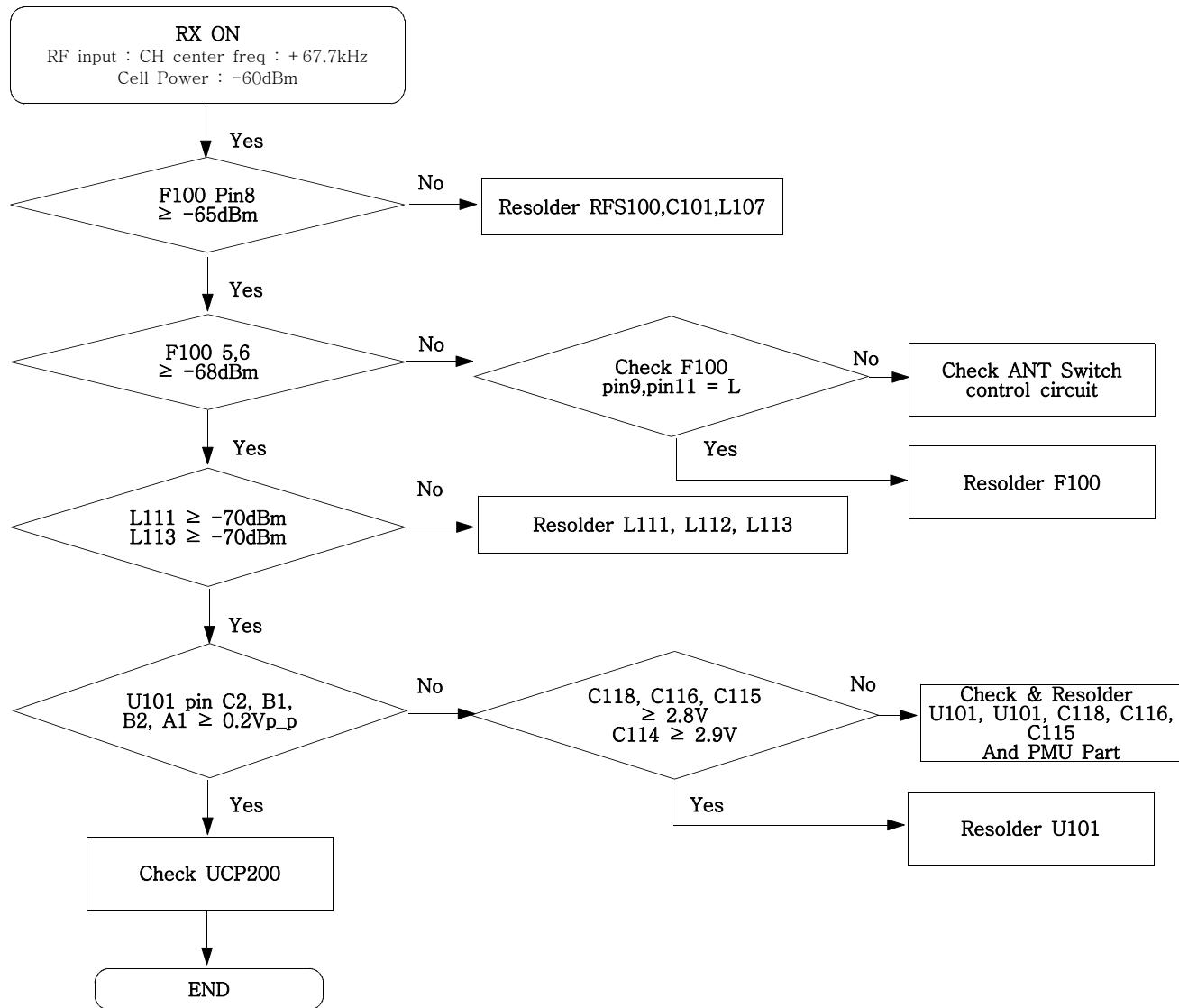
9-13. DCS Receiver



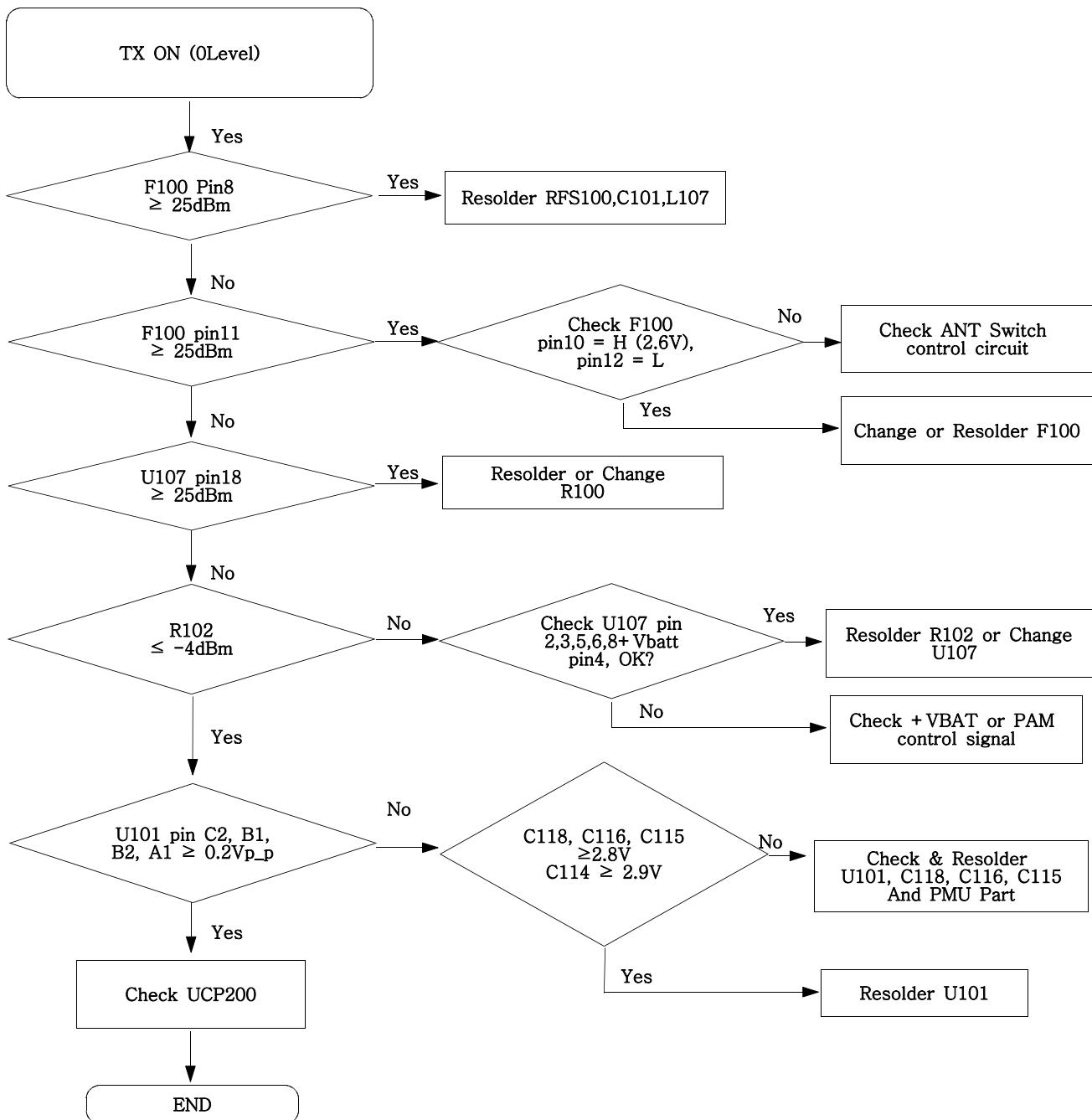
9-14. DCS Transmitter



9-15. PCS Receiver

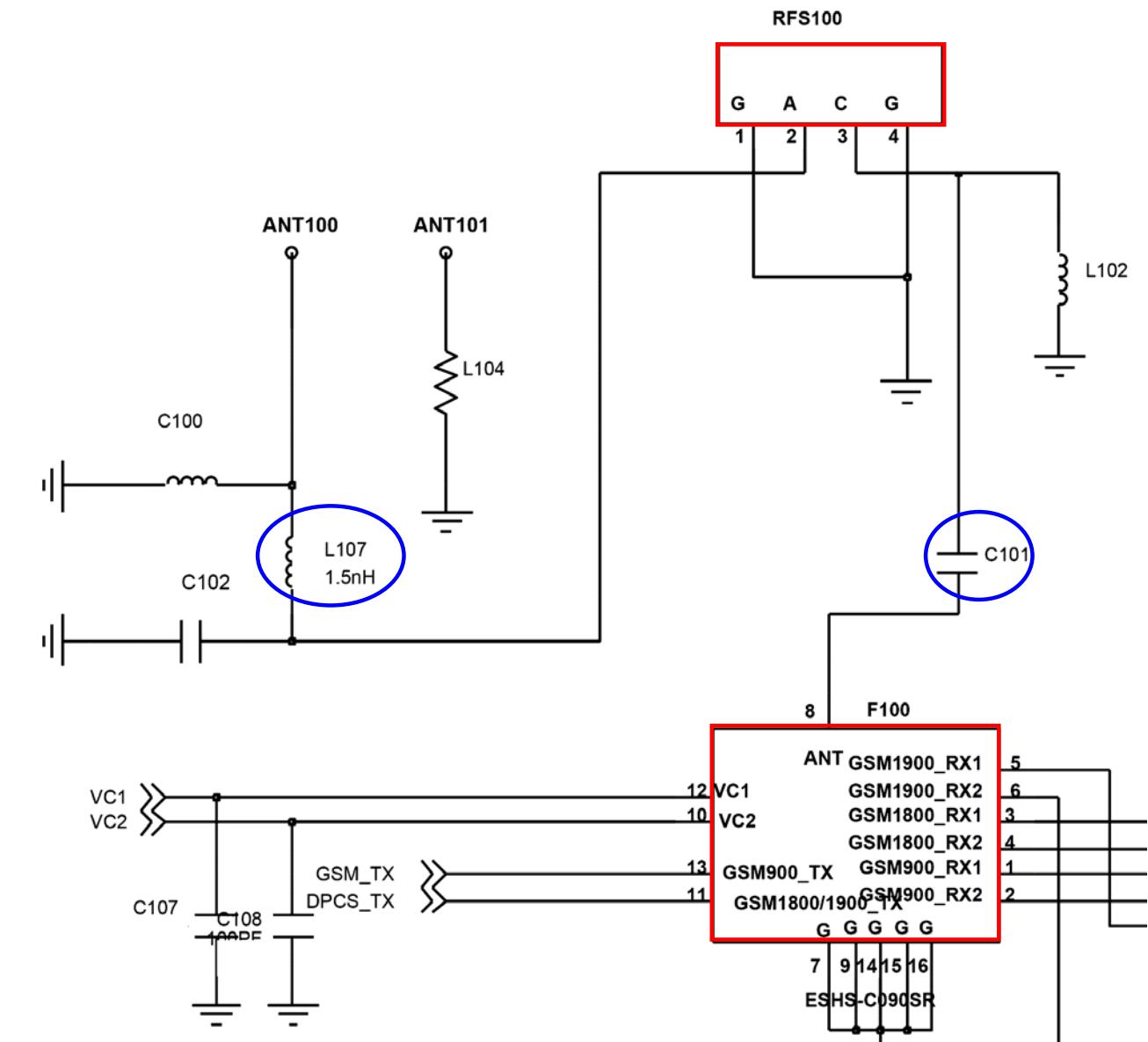


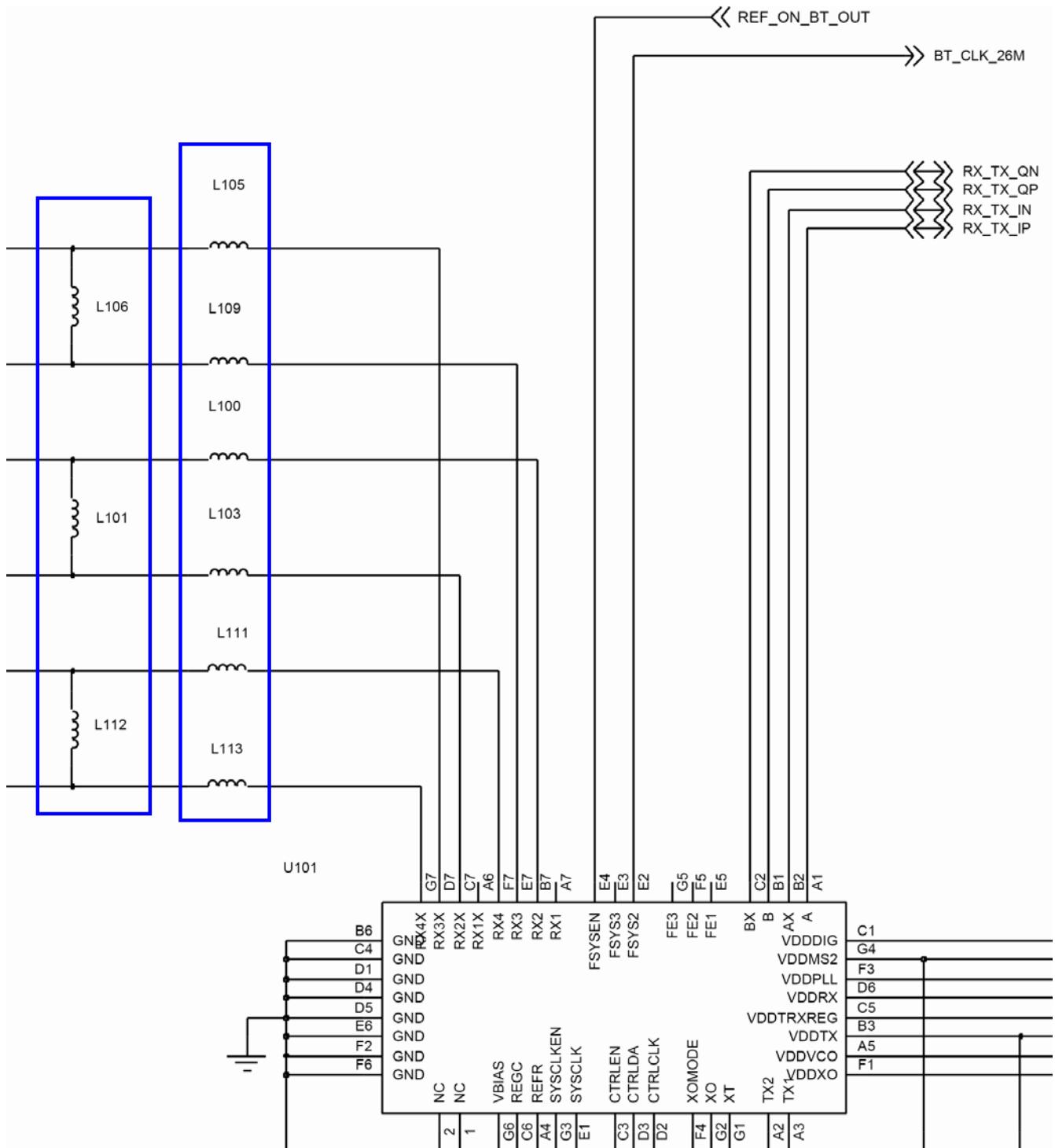
9-16. PCS Transmitter



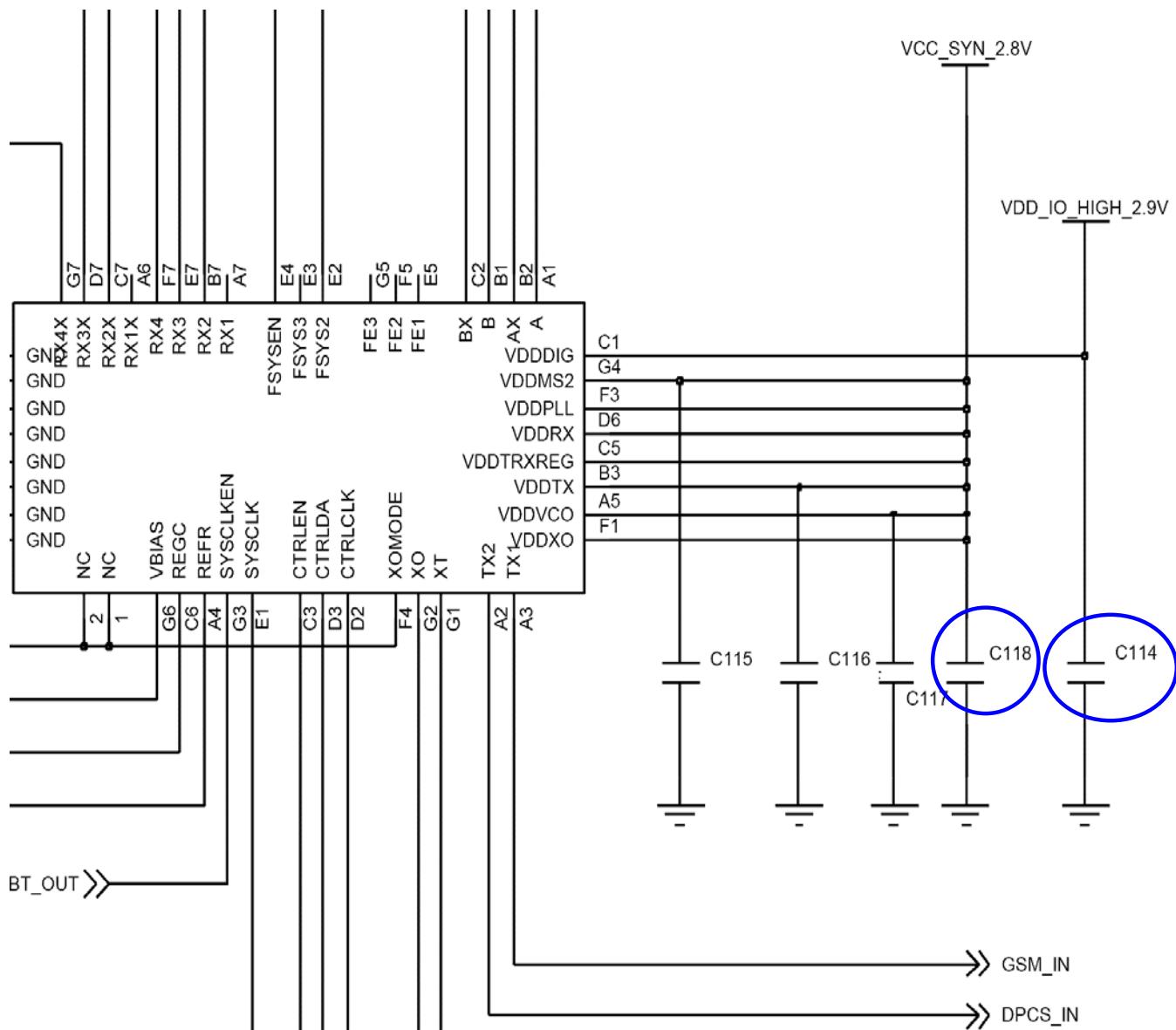
Flow Chart of Troubleshooting

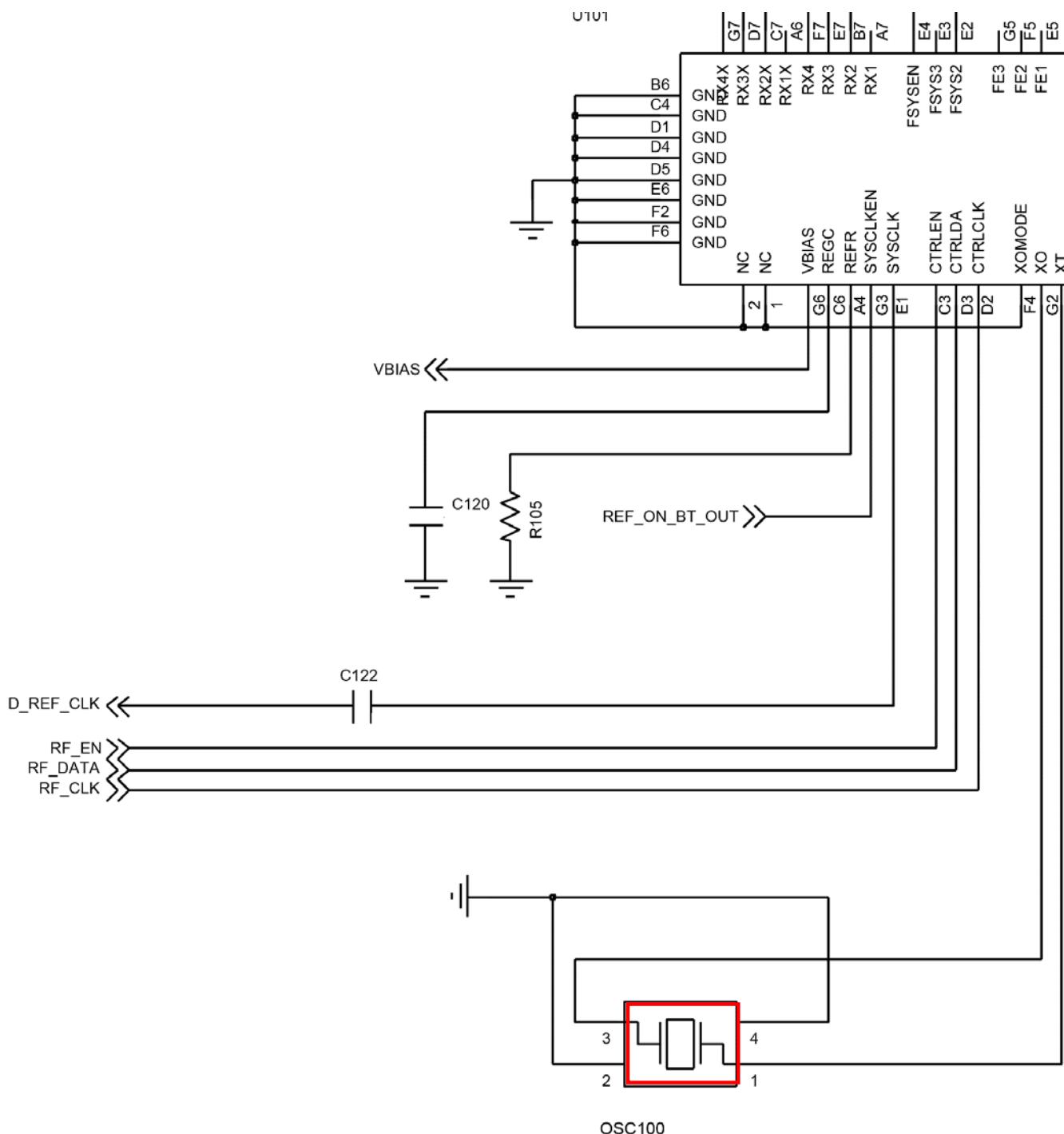
AUTHORIZED BY SAMSUNG.



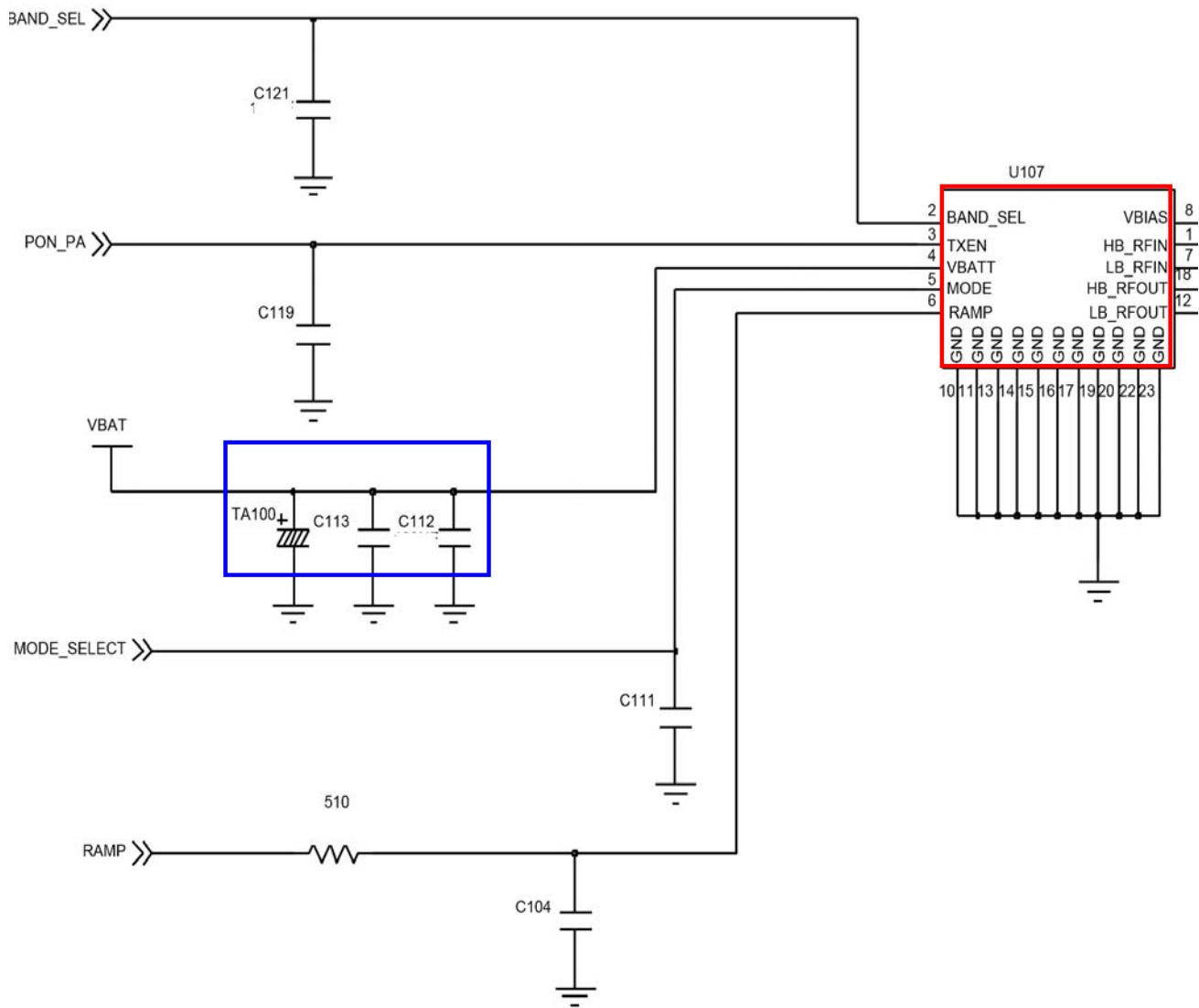


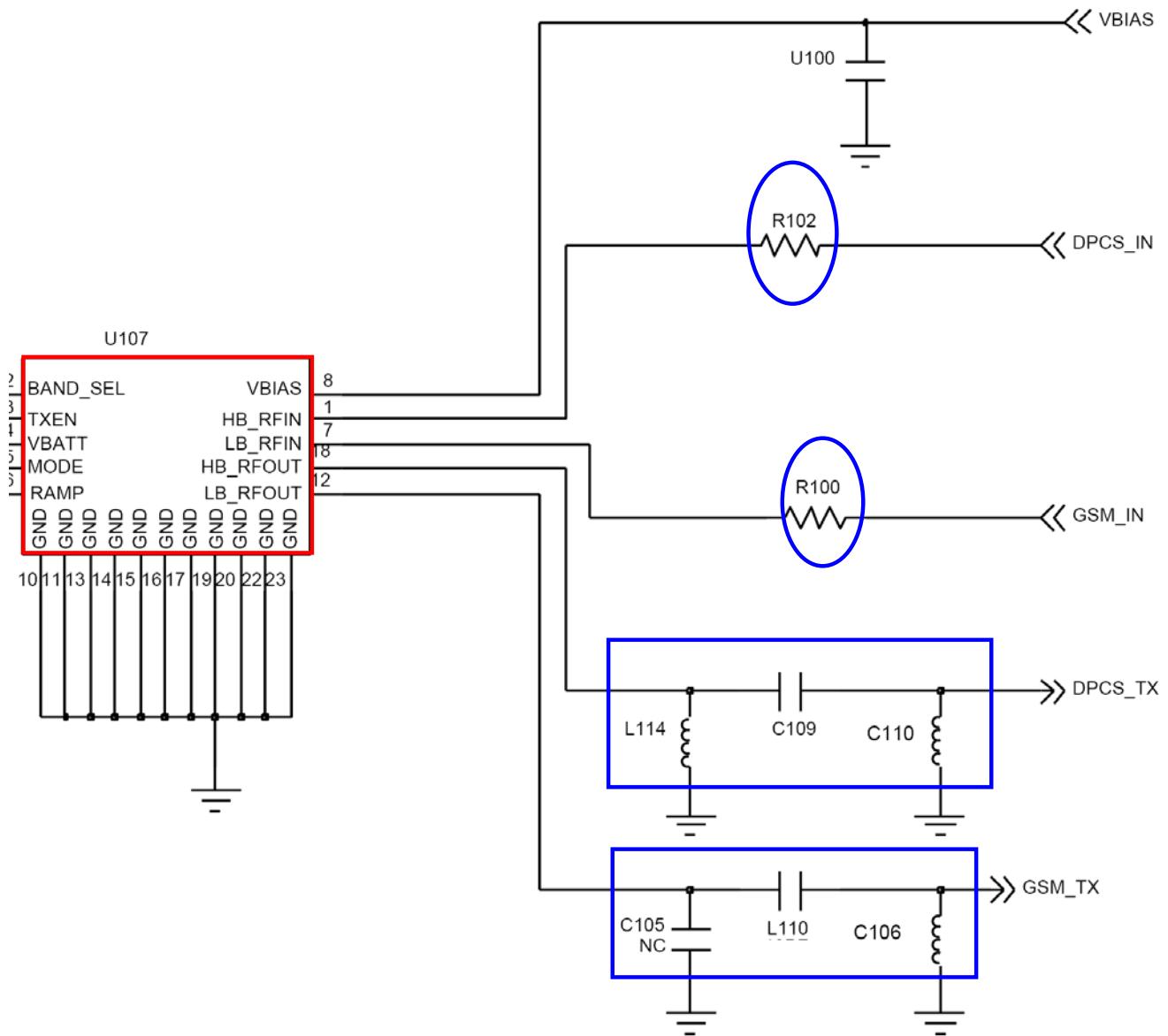
Flow Chart of Troubleshooting



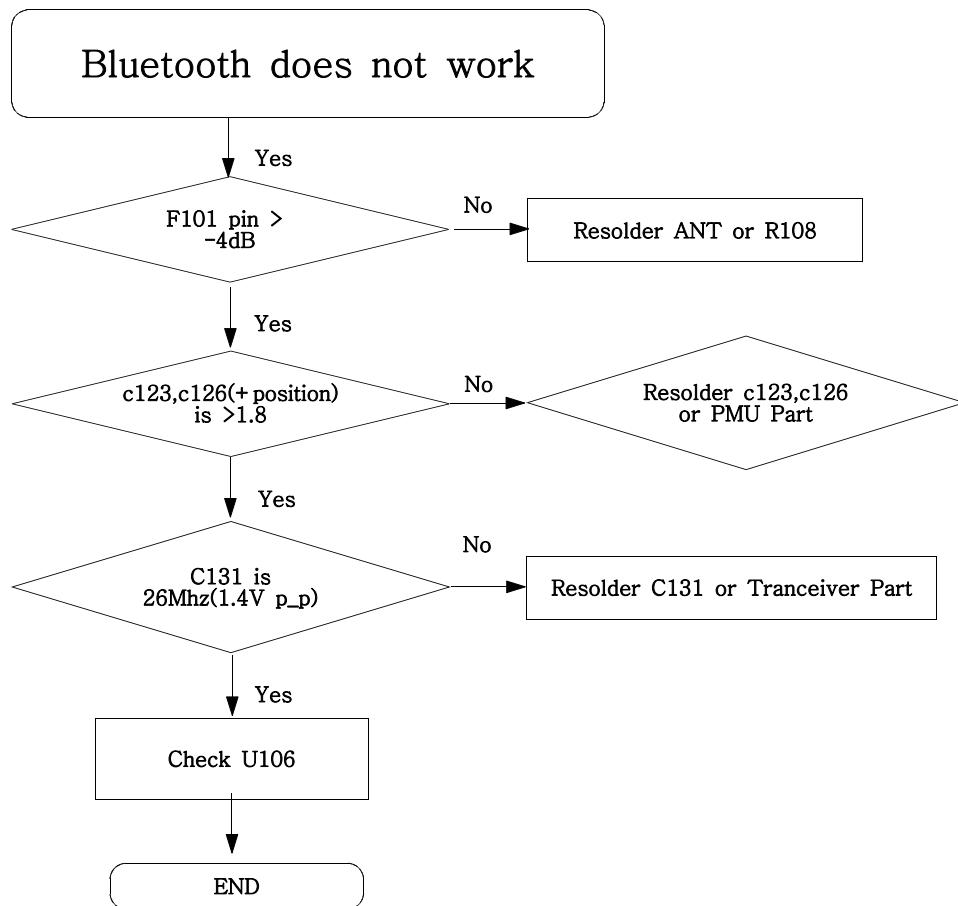


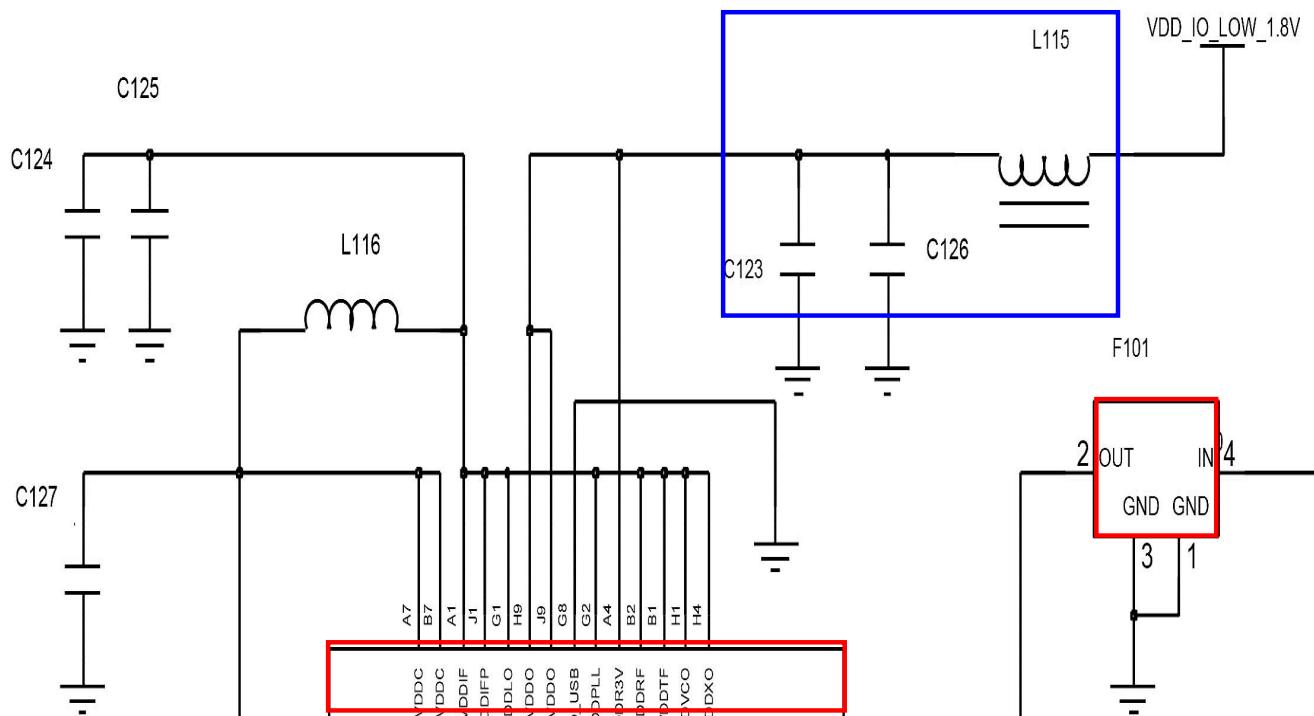
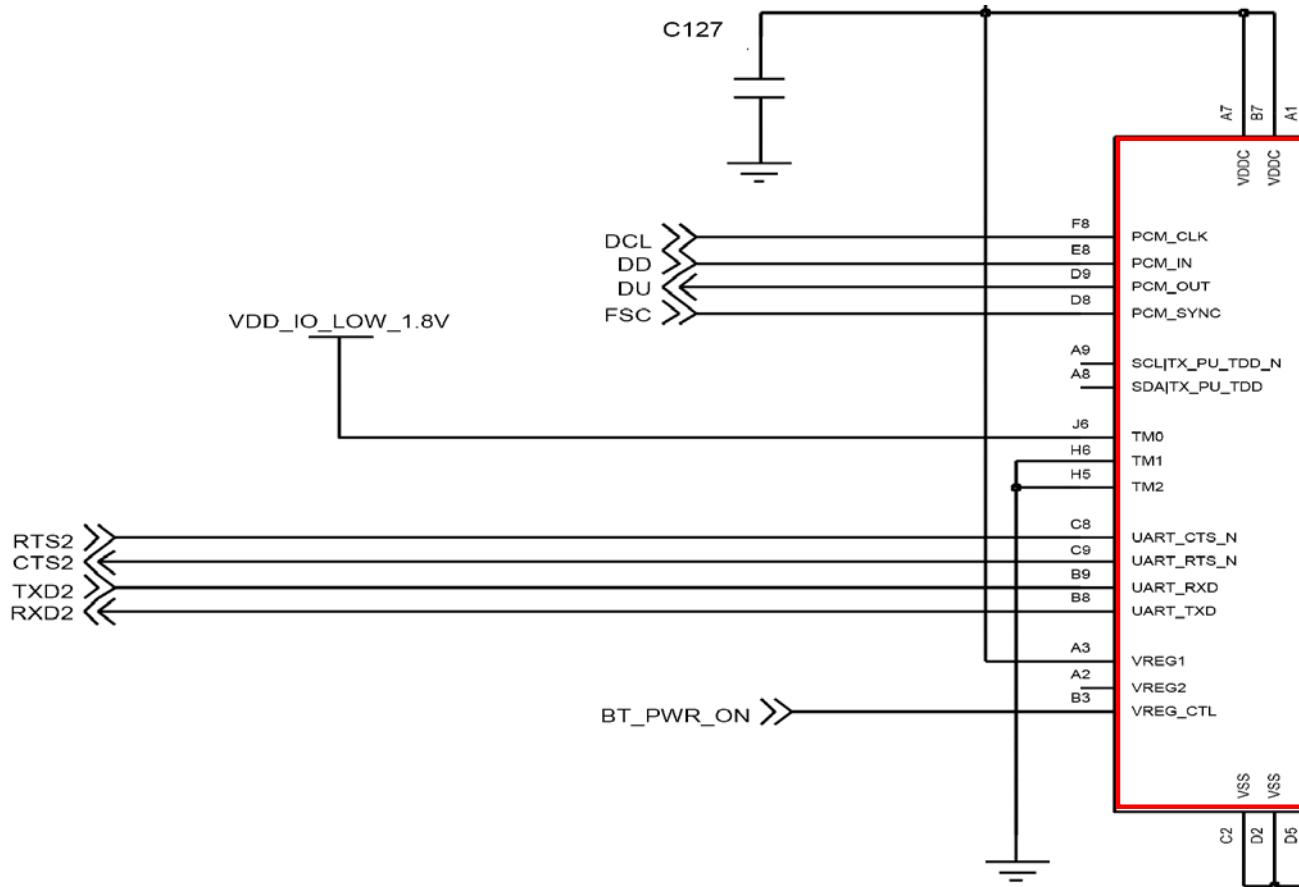
Flow Chart of Troubleshooting



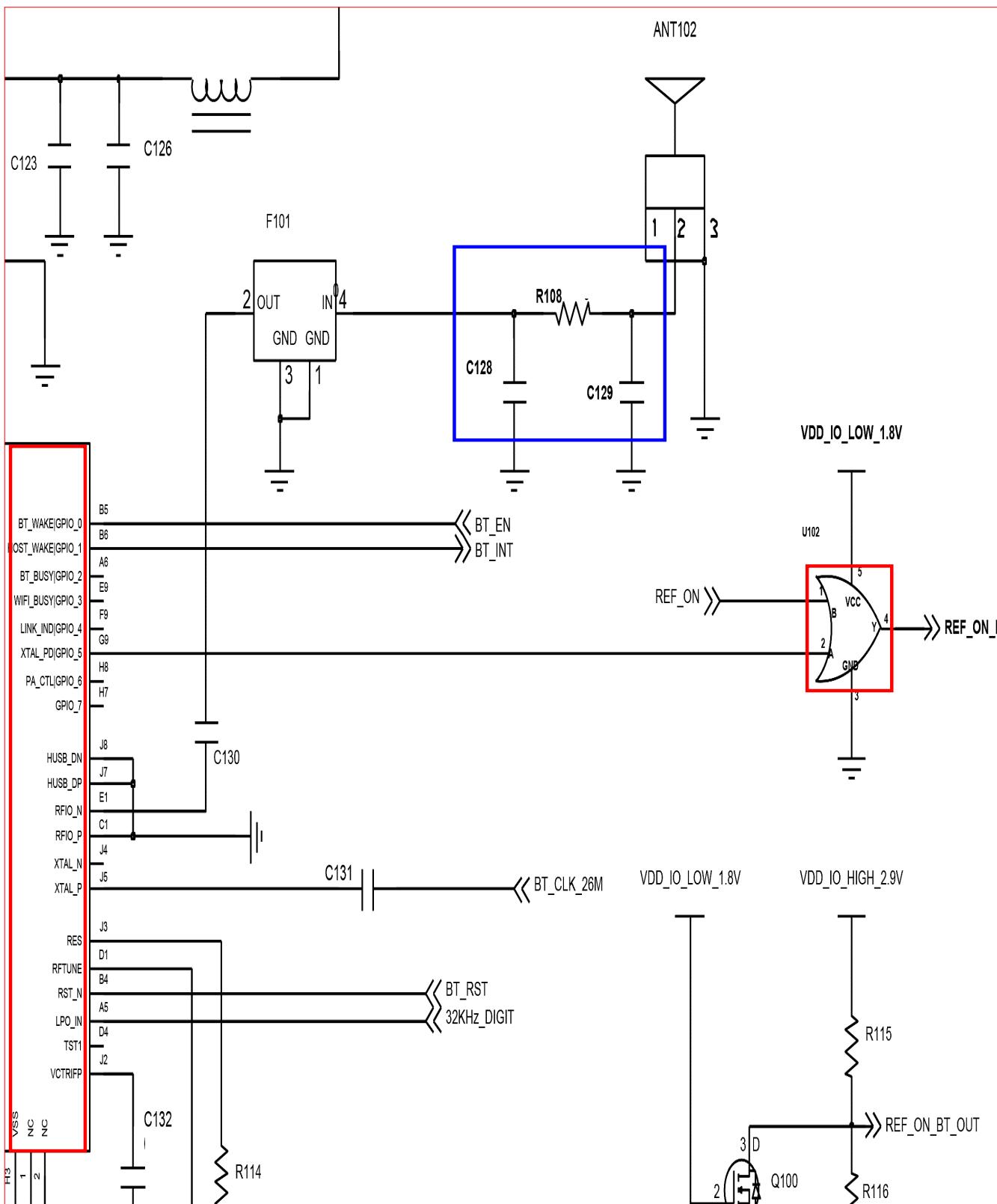


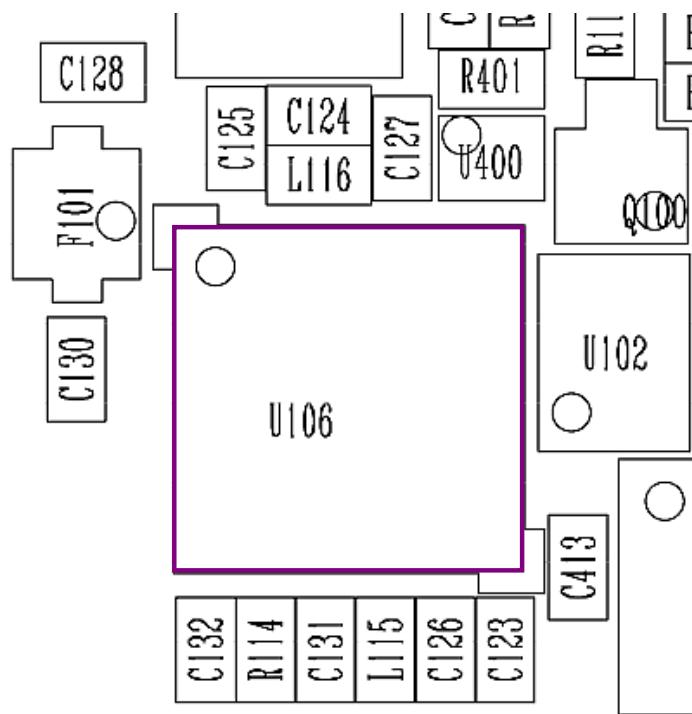
9-17. Bluetooth part



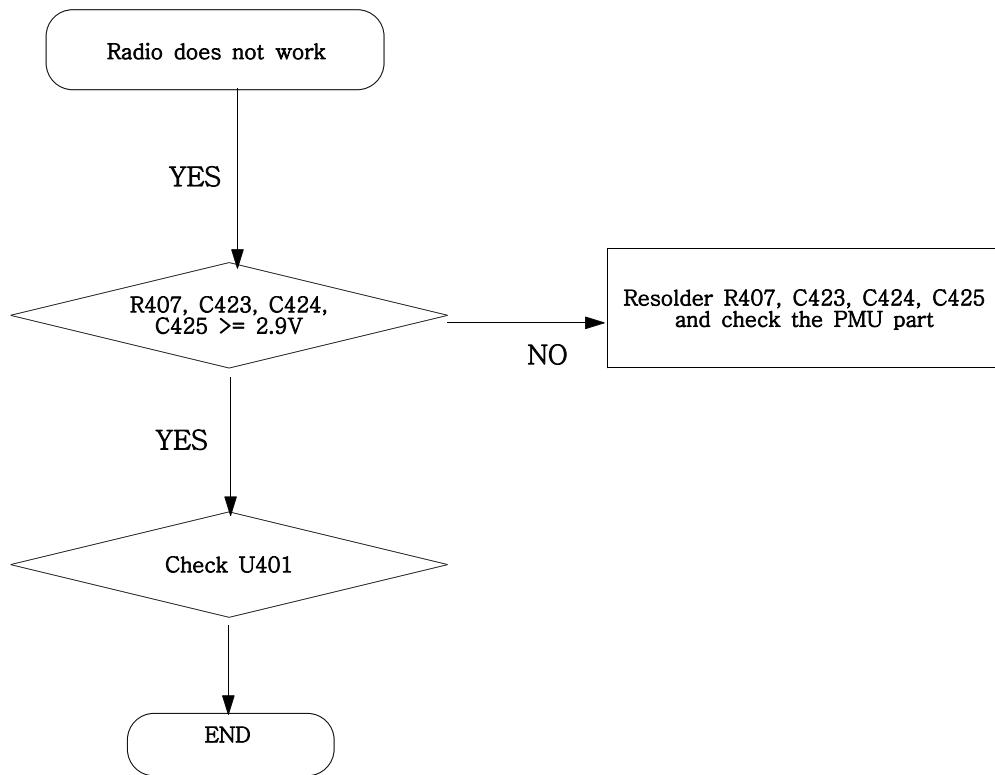


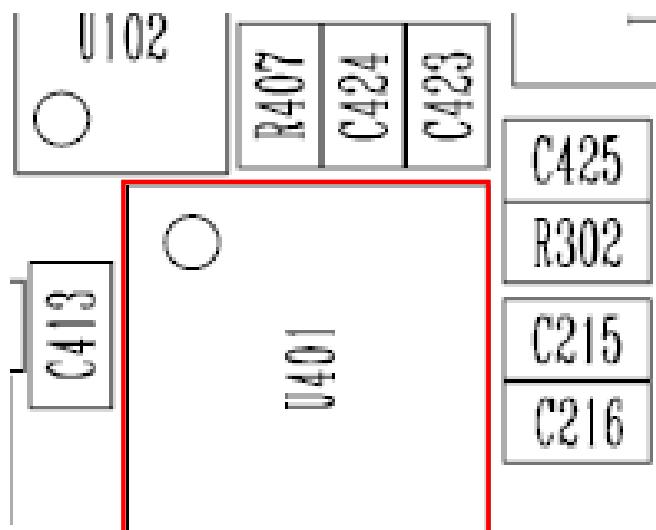
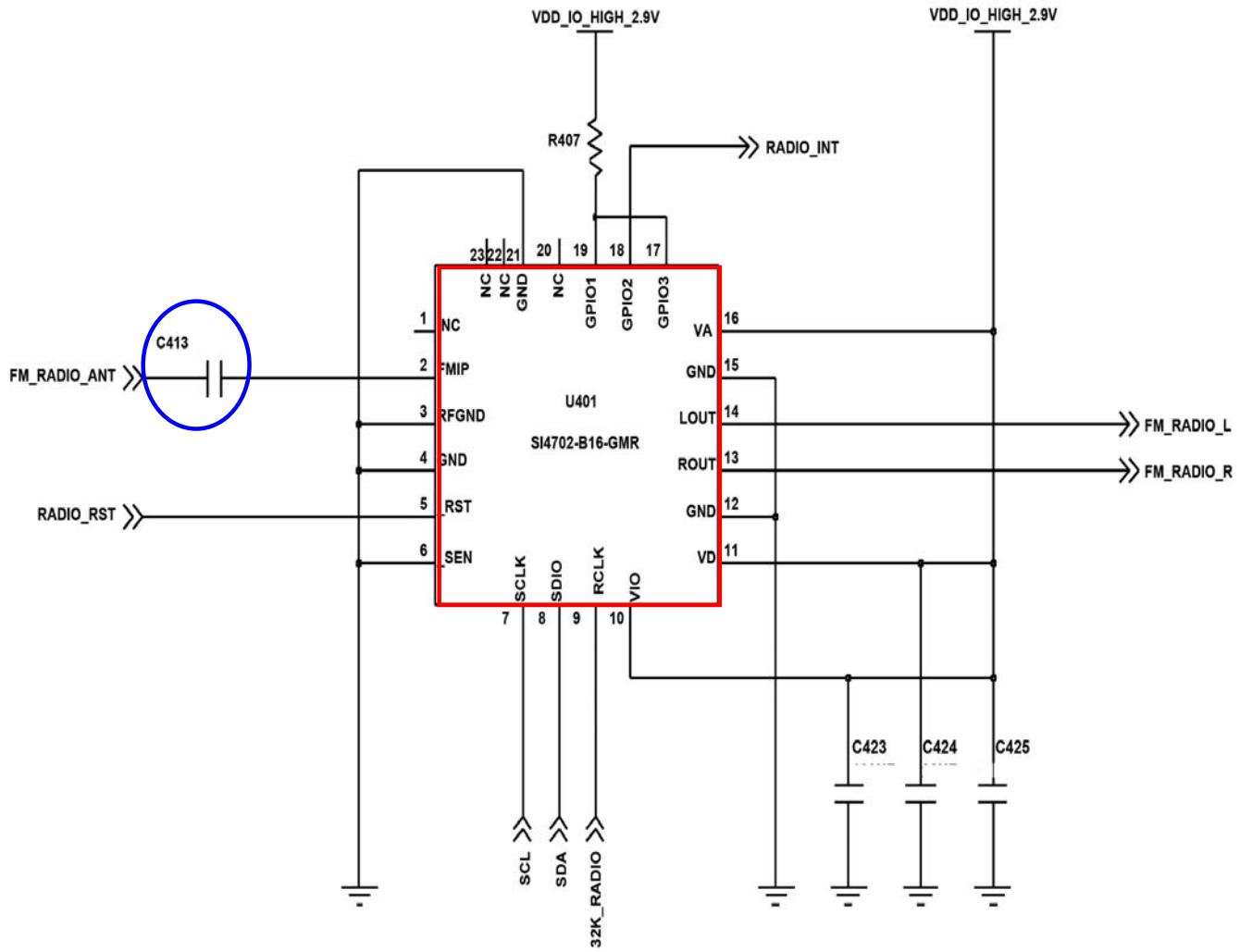
Flow Chart of Troubleshooting





9-18. Radio part





Flow Chart of Troubleshooting

4. Array course control

4-1. Software Adjustments

Test Jig (GH80-03306A)



RF Cable (GH39-00599A)

0.4M Test Cable
(GH39-01020A)

1.5M Test Cable
(GH39-01022A)

Serial Cable(CSA LL64151-A)



Power Supply Cable



4-2. Software Downloading

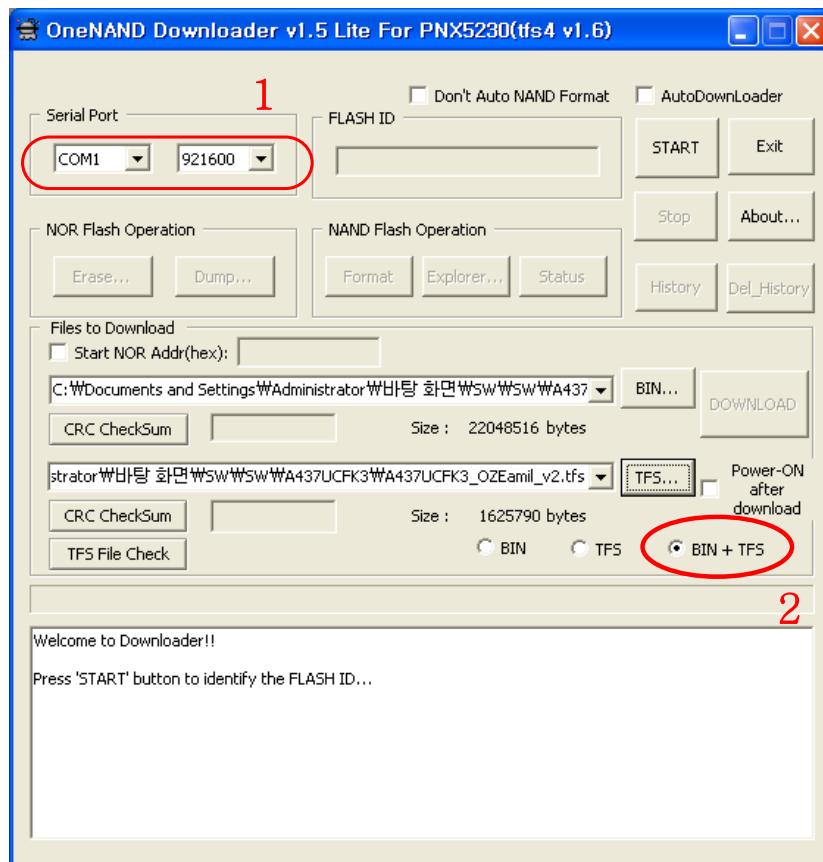
4-2-1. Pre-requisite for Downloading

- Downloader Program([OneNAND Downloder V1.5 Lite For PNX5230.exe](#))
- SGH-J700 Mobile Phone
- Data Cable
- Binary file, TFS file

4-2-2. S/W Downloader Program

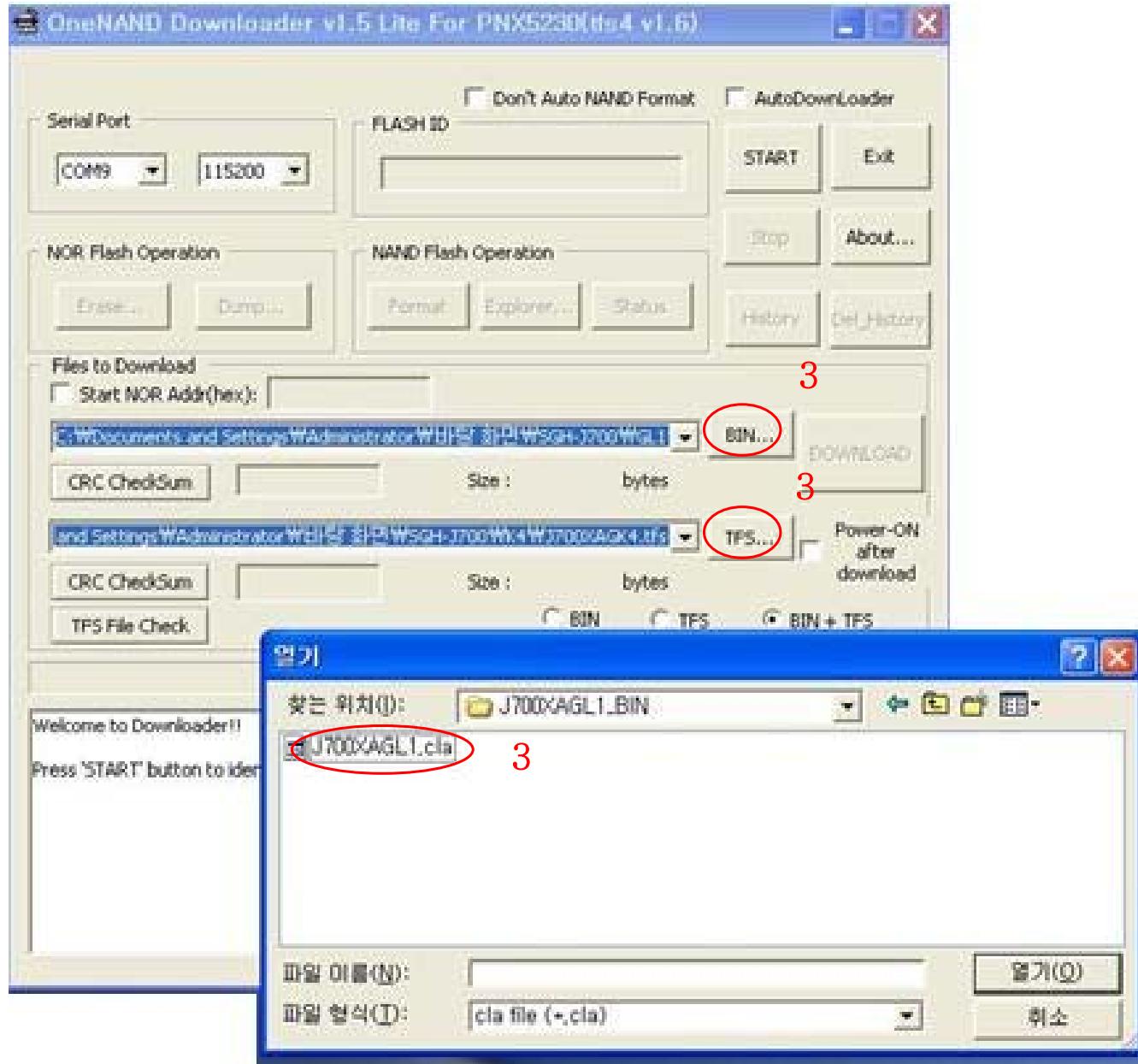
■ Load the binary download program by executing the
[“J700 OneNAND Downloder V1.5 Lite For PNX5230.exe”](#)

1. Select the connected serial port and the rate of speed
2. Select the check box, the mode you want to download.
 - if the binary file wanted, check only 'BIN'
 - if the tfs file wanted, check only 'TFS'
 - if all the files wanted, check 'BIN+TFS'

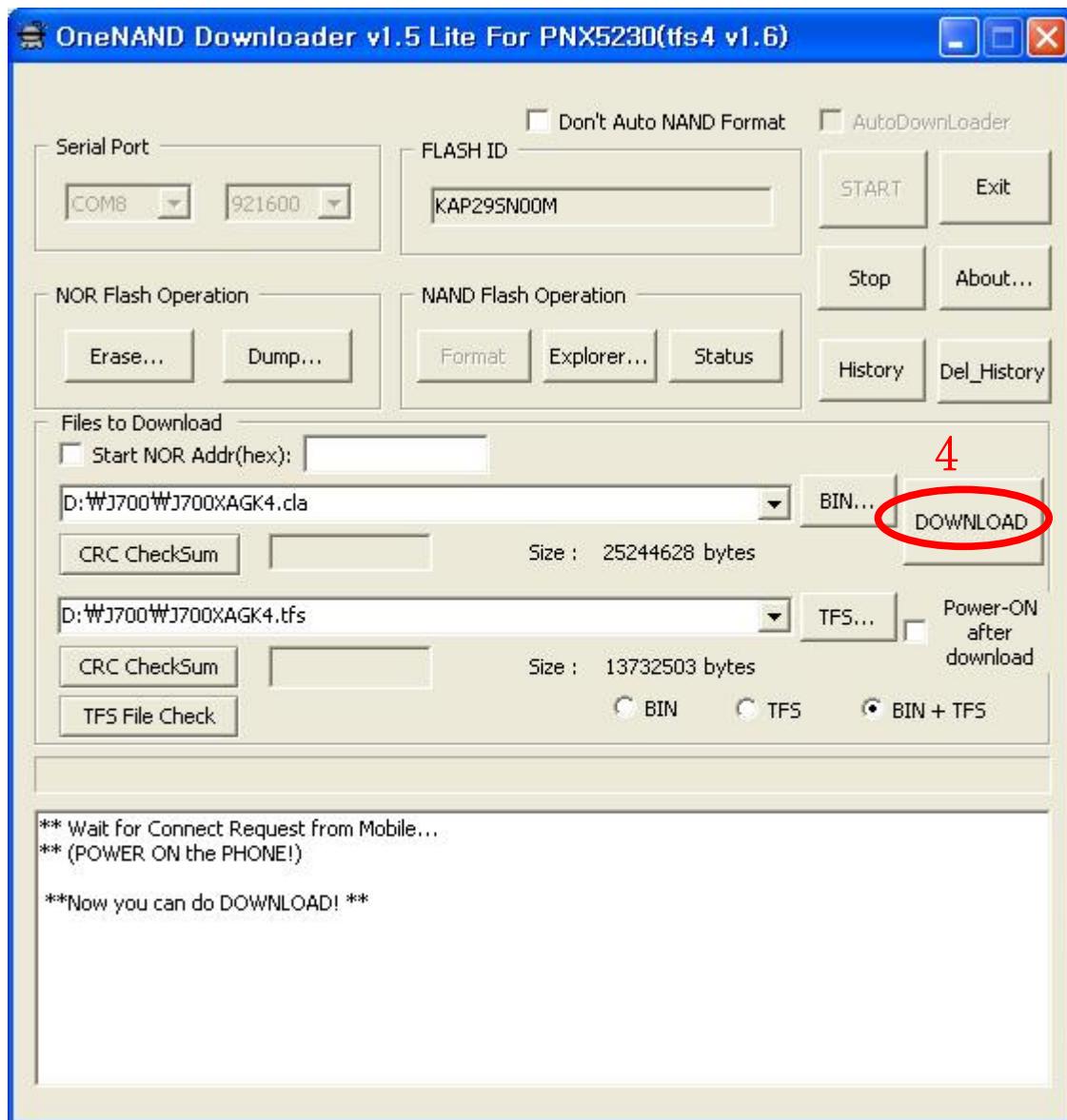


3. Select the file(s) what you want to download

- click 'BIN...' to select a binary file.
- click 'TFS...' to select a tfs file.

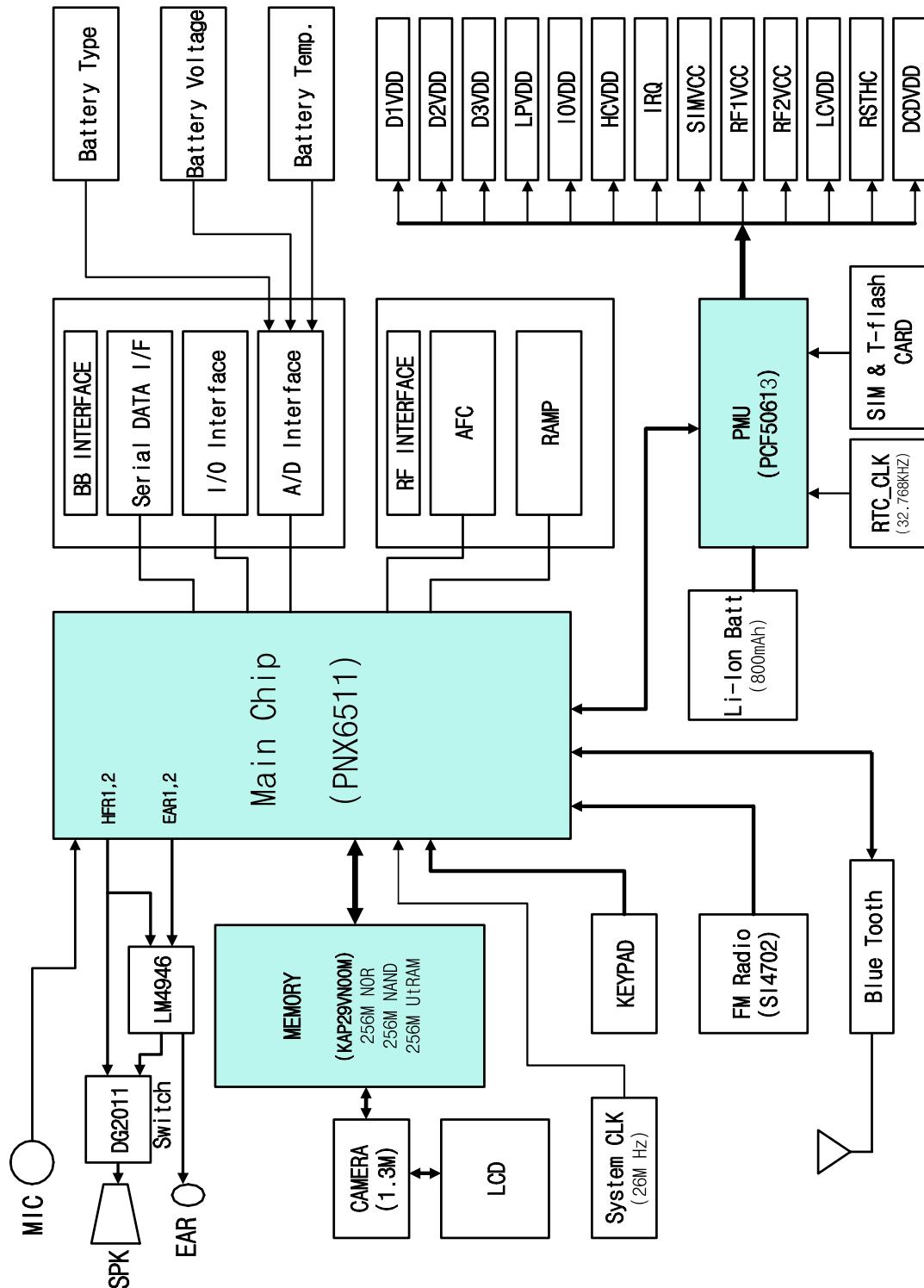


4. Click the 'DOWNLOAD' button to downloading

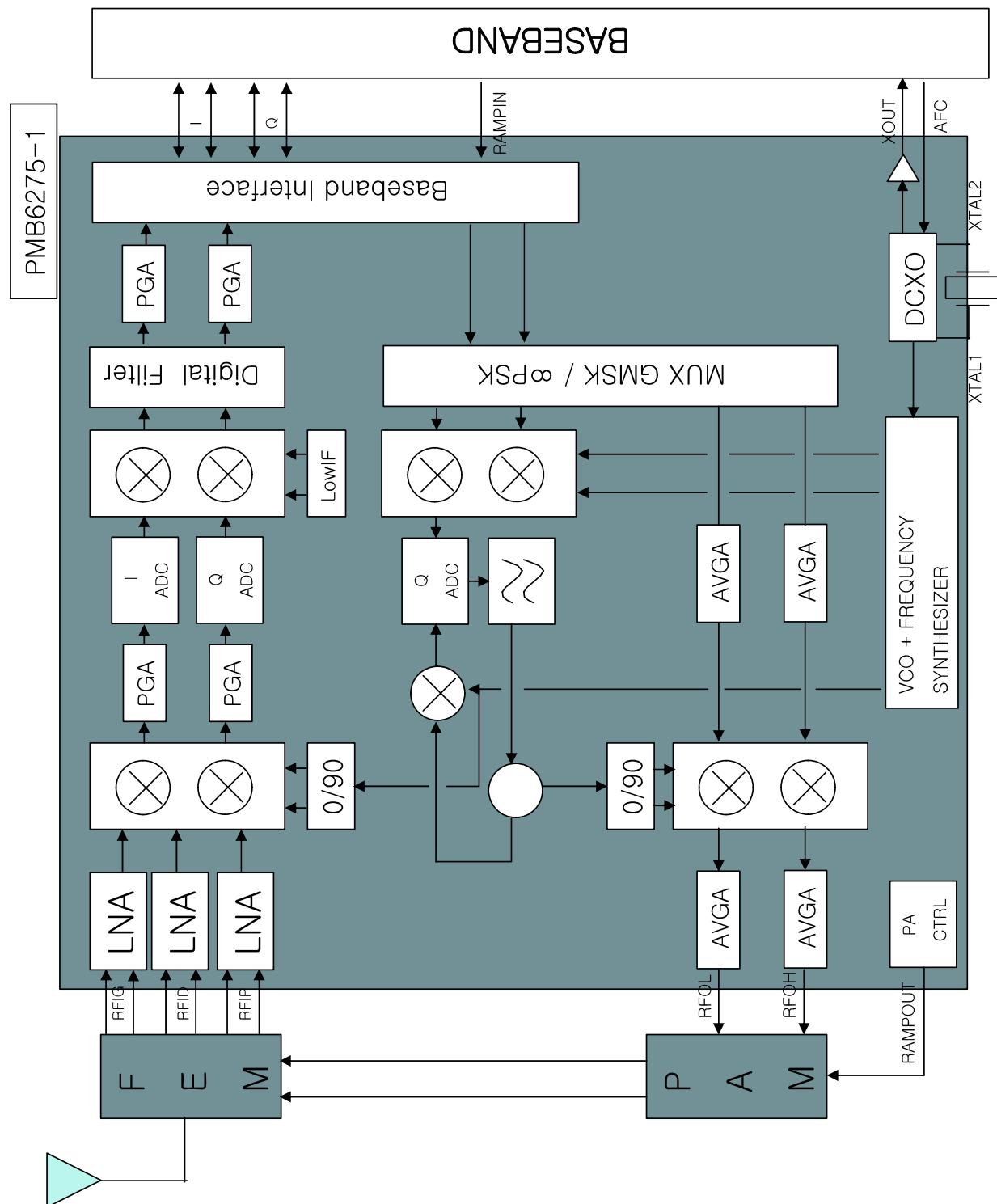


7. Block Diagrams

7-1. Main Block Diagram

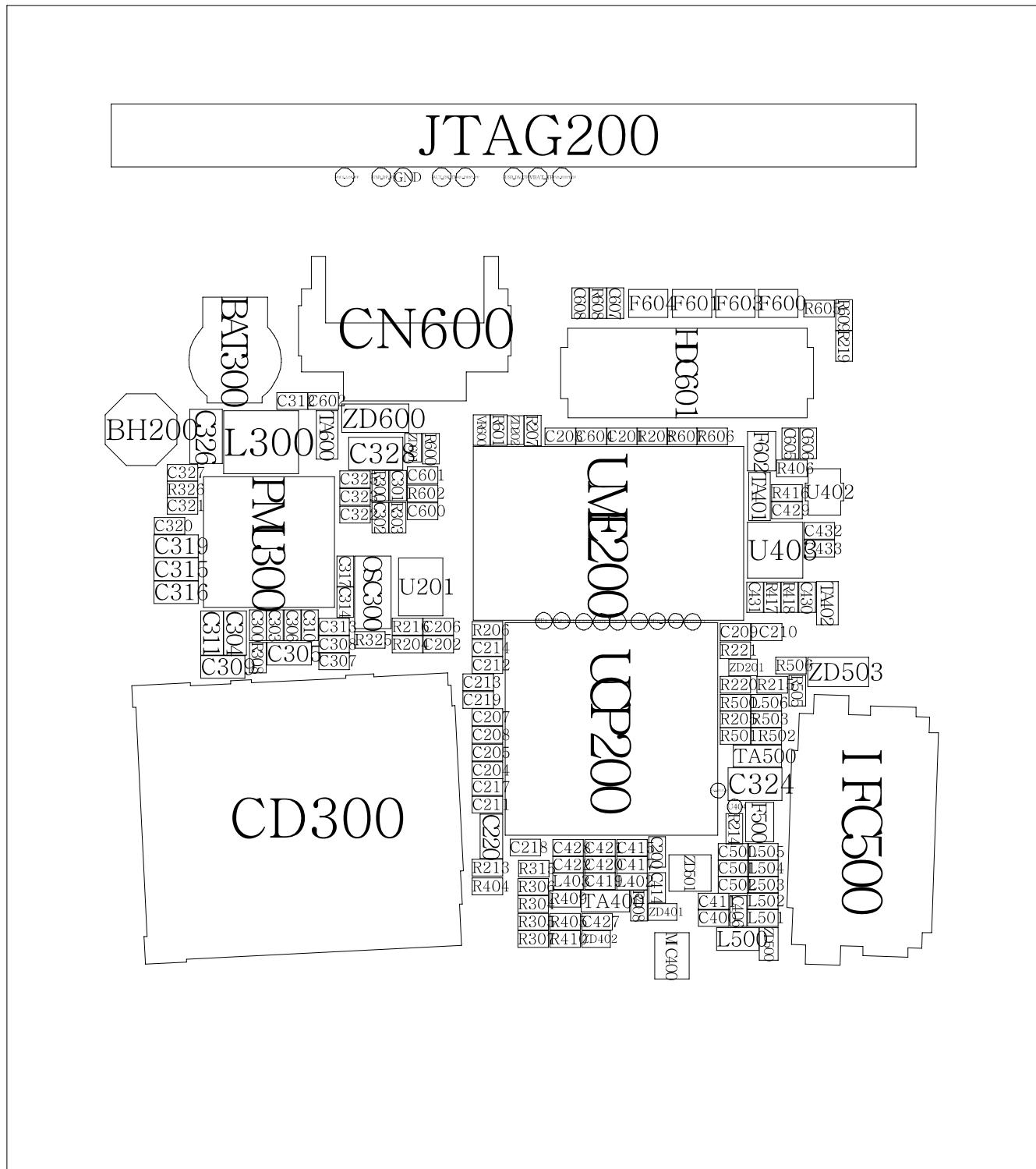


7-2. Baseband Solution Block Diagram

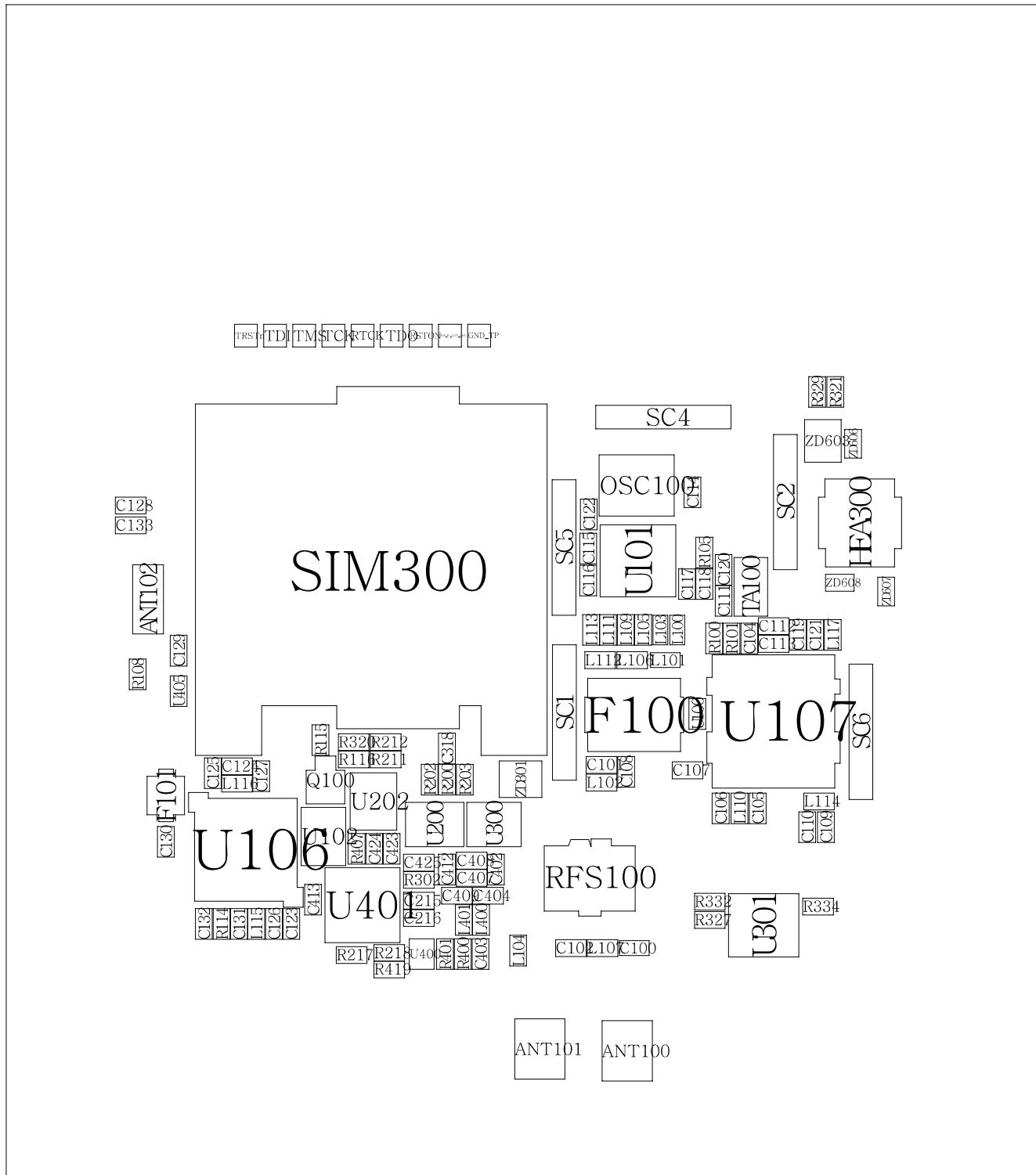


8. PCB Diagrams

- Main top view



- Main bottom view



3. Product Function

Main Function

- Enhanced Music Function supporting phone
- 1.3 Mega Pixel (CMOS) Camera
- Bluetooth V.2.0 (V-Note support)
- 65K 128x160 TFT 2.0"
- SMS/MMS/E-Mail/Video Recording and Messaging
- J2ME JAVA (MIDP 2.0/CLDC 1.1)
- EMS (Enhanced Message Service)
- WAP 2.0
- MP3/AAC/AAC+/e-AAC+ Ringtone
- GPRS/EDGE Class 10
- Triple Band(GSM900/1800/1900)
- 64 Poly Melody (MIDI)
- MicroSD Card Support
- External Memory
- USB v1.1 Full-speed, Bluetooth 2.0 EDR
- FM Radio Support

10. Reference data

Reference Abbreviate

- **AAC**: Advanced Audio Coding.
- **AVC** : Advanced Video Coding.
- **BER** : Bit Error Rate
- **BPSK**: Binary Phase Shift Keying
- **CA** : Conditional Access
- **CDM** : Code Division Multiplexing
- **C/I** : Carrier to Interference
- **DMB** : Digital Multimedia Broadcasting
- **EN** : European Standard
- **ES** : Elementary Stream
- **ETSI**: European Telecommunications Standards Institute
- **MPEG**: Moving Picture Experts Group
- **PN** : Pseudo-random Noise
- **PS** : Pilot Symbol
- **QPSK**: Quadrature Phase Shift Keying
- **RS** : Reed-Solomon
- **SI** : Service Information
- **TDM** : Time Division Multiplexing
- **TS** : Transport Stream

1. Safety Precautions

1-1. Repair Precaution

- Repair in Shield Box, during detailed tuning.
Take specially care of tuning or test,
because specificity of cellular phone is sensitive for surrounding interference(RF noise).
- Be careful to use a kind of magnetic object or tool,
because performance of parts is damaged by the influence of magnetic force.
- Surely use a standard screwdriver when you disassemble this product,
otherwise screw will be worn away.
- Use a thicken twisted wire when you measure level.
A thicken twisted wire has low resistance, therefore error of measurement is few.
- Repair after separate Test Pack and Set because for short danger (for example an overcurrent and furious flames of parts etc) when you repair board in condition of connecting Test Pack and tuning on.
- Take specially care of soldering, because Land of PCB is small and weak in heat.
- Surely tune on/off while using AC power plug, because a repair of battery charger is dangerous when tuning ON/OFF PBA and Connector after disassembling charger.
- Don't use as you pleases after change other material than replacement registered on SEC System.
Otherwise engineer in charge isn't charged with problem that you don't keep this rules.

1-2. ESD(Electrostatically Sensitive Devices) Precaution

Several semiconductor may be damaged easily by static electricity. Such parts are called by ESD (Electrostatically Sensitive Devices), for example IC,BGA chip etc. Read Precaution below.

You can prevent from ESD damage by static electricity.

- Remove static electricity remained your body before you touch semiconductor or parts with semiconductor. There are ways that you touch an earthed place or wear static electricity prevention string on wrist.
- Use earthed soldering steel when you connect or disconnect ESD.
- Use soldering removing tool to break static electricity. , otherwise ESD will be damaged by static electricity.
- Don't unpack until you set up ESD on product. Because most of ESD are packed by box and aluminum plate to have conductive power,they are prevented from static electricity.
- You must maintain electric contact between ESD and place due to be set up until ESD is connected completely to the proper place or a circuit board.

6. Main Electrical Parts List

SEC Code	Design LOC	Description	STATUS
0403-001339	ZD503	DIODE-ZENER	SA
0403-001547	ZD600	DIODE-ZENER	SA
0406-001267	ZD500	DIODE-TVS	SA
0406-001286	ZD301	DIODE-TVS	SA
0406-001286	ZD501	DIODE-TVS	SA
0406-001286	ZD603	DIODE-TVS	SA
0406-001288	ZD201	DIODE-TVS	SA
0406-001288	ZD202	DIODE-TVS	SA
0406-001288	ZD401	DIODE-TVS	SA
0406-001288	ZD402	DIODE-TVS	SA
0406-001288	ZD601	DIODE-TVS	SA
0406-001288	ZD606	DIODE-TVS	SA
0406-001288	ZD607	DIODE-TVS	SA
0406-001288	ZD608	DIODE-TVS	SA
0505-001325	Q100	FET-SILICON	SA
0505-002111	U300	FET-SILICON	SA
0801-000796	U200	IC-CMOS LOGIC	SA
0801-002237	U201	IC-CMOS LOGIC	SA
0801-002529	U102	IC-CMOS LOGIC	SA
0801-003065	U400	IC-CMOS LOGIC	SA
1001-001428	U402	IC-ANALOG MULTIPLEX	SA
1108-000104	UME200	IC-MCP	SA
1201-002423	U107	IC-POWER AMP	SA
1201-002609	U403	IC-AUDIO AMP	SA
1203-005072	PMU300	IC-POWER SUPERVISOR	SA
1204-002700	U401	IC-TUNER	SA
1205-002942	U106	IC-TRANSCEIVER	SA
1205-003335	U101	IC-TRANSCEIVER	SA
1205-003336	UCP200	IC-COMM. CONTROLLER	SA
1404-001221	VR600	THERMISTOR-NTC	SA
2007-000140	R105	R-CHIP	SA
2007-000140	R216	R-CHIP	SA
2007-000140	R304	R-CHIP	SA
2007-000148	R203	R-CHIP	SA
2007-000148	R204	R-CHIP	SA
2007-000148	R205	R-CHIP	SA
2007-000148	R215	R-CHIP	SA
2007-000148	R219	R-CHIP	SA
2007-000159	R305	R-CHIP	SA
2007-000162	R115	R-CHIP	SA
2007-000162	R206	R-CHIP	SA
2007-000162	R306	R-CHIP	SA
2007-000162	R307	R-CHIP	SA
2007-000162	R308	R-CHIP	SA
2007-000162	R407	R-CHIP	SA
2007-000162	R600	R-CHIP	SA
2007-000162	R605	R-CHIP	SA
2007-000164	R207	R-CHIP	SA
2007-000164	R400	R-CHIP	SA
2007-000164	R401	R-CHIP	SA
2007-000165	R602	R-CHIP	SA
2007-000170	R211	R-CHIP	SA
2007-000170	R212	R-CHIP	SA

SEC Code	Design LOC	Description	STATUS
2007-000171	L104	R-CHIP	SA
2007-000171	R100	R-CHIP	SA
2007-000171	R102	R-CHIP	SA
2007-000171	R220	R-CHIP	SA
2007-000171	R221	R-CHIP	SA
2007-000171	R327	R-CHIP	SA
2007-000171	R419	R-CHIP	SA
2007-000171	R506	R-CHIP	SA
2007-000172	R502	R-CHIP	SA
2007-000172	R503	R-CHIP	SA
2007-000758	R315	R-CHIP	SA
2007-000758	R329	R-CHIP	SA
2007-001298	R417	R-CHIP	SA
2007-001298	R418	R-CHIP	SA
2007-001319	R217	R-CHIP	SA
2007-001319	R218	R-CHIP	SA
2007-001333	R302	R-CHIP	SA
2007-001333	R320	R-CHIP	SA
2007-001333	R406	R-CHIP	SA
2007-001333	R500	R-CHIP	SA
2007-001333	R501	R-CHIP	SA
2007-001333	R606	R-CHIP	SA
2007-001333	R607	R-CHIP	SA
2007-001333	R608	R-CHIP	SA
2007-002796	R101	R-CHIP	SA
2007-002796	R213	R-CHIP	SA
2007-002796	R410	R-CHIP	SA
2007-002965	R416	R-CHIP	SA
2007-007107	R208	R-CHIP	SA
2007-007107	R326	R-CHIP	SA
2007-007107	R601	R-CHIP	SA
2007-007138	R321	R-CHIP	SA
2007-007309	R214	R-CHIP	SA
2007-007317	R325	R-CHIP	SA
2007-007489	R114	R-CHIP	SA
2007-007528	R404	R-CHIP	SA
2007-007528	R405	R-CHIP	SA
2007-007528	R408	R-CHIP	SA
2007-007528	R409	R-CHIP	SA
2007-007573	R202	R-CHIP	SA
2007-007573	R300	R-CHIP	SA
2007-007875	R200	R-CHIP	SA
2007-008354	R303	R-CHIP	SA
2203-000233	C101	C-CER,CHIP	SA
2203-000233	C107	C-CER,CHIP	SA
2203-000233	C108	C-CER,CHIP	SA
2203-000233	C119	C-CER,CHIP	SA
2203-000233	C121	C-CER,CHIP	SA
2203-000233	C122	C-CER,CHIP	SA
2203-000233	C131	C-CER,CHIP	SA
2203-000233	C312	C-CER,CHIP	SA
2203-000233	U100	C-CER,CHIP	SA
2203-000278	C130	C-CER,CHIP	SA

SEC Code	Design LOC	Description	STATUS
2203-000311	C601	C-CER,CHIP	SA
2203-000359	C104	C-CER,CHIP	SA
2203-000425	C301	C-CER,CHIP	SA
2203-000425	C314	C-CER,CHIP	SA
2203-000425	C317	C-CER,CHIP	SA
2203-000438	C111	C-CER,CHIP	SA
2203-000438	C124	C-CER,CHIP	SA
2203-000812	C113	C-CER,CHIP	SA
2203-000812	C604	C-CER,CHIP	SA
2203-000812	C608	C-CER,CHIP	SA
2203-000854	C400	C-CER,CHIP	SA
2203-000854	C406	C-CER,CHIP	SA
2203-000854	C411	C-CER,CHIP	SA
2203-000854	C414	C-CER,CHIP	SA
2203-000854	C419	C-CER,CHIP	SA
2203-000854	C427	C-CER,CHIP	SA
2203-002668	C105	C-CER,CHIP	SA
2203-002709	C115	C-CER,CHIP	SA
2203-002709	C116	C-CER,CHIP	SA
2203-002709	C117	C-CER,CHIP	SA
2203-002709	C120	C-CER,CHIP	SA
2203-002709	C602	C-CER,CHIP	SA
2203-003054	C500	C-CER,CHIP	SA
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2203-005057	C408	C-CER,CHIP	SA
2203-005057	C412	C-CER,CHIP	SA
2203-005057	C415	C-CER,CHIP	SA
2203-005057	C420	C-CER,CHIP	SA
2203-005057	C421	C-CER,CHIP	SA
2203-005057	C428	C-CER,CHIP	SA
2203-005395	C109	C-CER,CHIP	SA
2203-005480	C432	C-CER,CHIP	SA
2203-005480	C433	C-CER,CHIP	SA
2203-005482	C112	C-CER,CHIP	SA
2203-005482	C200	C-CER,CHIP	SA
2203-005482	C201	C-CER,CHIP	SA
2203-005482	C202	C-CER,CHIP	SA
2203-005482	C203	C-CER,CHIP	SA
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2203-005482	C205	C-CER,CHIP	SA
2203-005482	C206	C-CER,CHIP	SA
2203-005482	C207	C-CER,CHIP	SA
2203-005482	C208	C-CER,CHIP	SA
2203-005482	C209	C-CER,CHIP	SA
2203-005482	C210	C-CER,CHIP	SA
2203-005482	C212	C-CER,CHIP	SA
2203-005482	C213	C-CER,CHIP	SA
2203-005482	C214	C-CER,CHIP	SA
2203-005482	C217	C-CER,CHIP	SA
2203-005482	C218	C-CER,CHIP	SA

SEC Code	Design LOC	Description	STATUS
2203-005482	C219	C-CER,CHIP	SA
2203-005482	C318	C-CER,CHIP	SA
2203-005482	C321	C-CER,CHIP	SA
2203-005482	C403	C-CER,CHIP	SA
2203-005482	C404	C-CER,CHIP	SA
2203-005482	C409	C-CER,CHIP	SA
2203-005482	C417	C-CER,CHIP	SA
2203-005482	C422	C-CER,CHIP	SA
2203-005482	C423	C-CER,CHIP	SA
2203-005482	C425	C-CER,CHIP	SA
2203-005482	C429	C-CER,CHIP	SA
2203-005496	C215	C-CER,CHIP	SA
2203-005496	C216	C-CER,CHIP	SA
2203-005496	C302	C-CER,CHIP	SA
2203-006047	C114	C-CER,CHIP	SA
2203-006048	C126	C-CER,CHIP	SA
2203-006048	C600	C-CER,CHIP	SA
2203-006137	C424	C-CER,CHIP	SA
2203-006208	C304	C-CER,CHIP	SA
2203-006208	C311	C-CER,CHIP	SA
2203-006257	C300	C-CER,CHIP	SA
2203-006257	C303	C-CER,CHIP	SA
2203-006257	C306	C-CER,CHIP	SA
2203-006257	C308	C-CER,CHIP	SA
2203-006257	C310	C-CER,CHIP	SA
2203-006257	C313	C-CER,CHIP	SA
2203-006257	C320	C-CER,CHIP	SA
2203-006257	C322	C-CER,CHIP	SA
2203-006257	C323	C-CER,CHIP	SA
2203-006257	C325	C-CER,CHIP	SA
2203-006324	C319	C-CER,CHIP	SA
2203-006361	C324	C-CER,CHIP	SA
2203-006399	C118	C-CER,CHIP	SA
2203-006474	C326	C-CER,CHIP	SA
2203-006562	C125	C-CER,CHIP	SA
2203-006562	C211	C-CER,CHIP	SA
2203-006562	C307	C-CER,CHIP	SA
2203-006562	C430	C-CER,CHIP	SA
2203-006562	C431	C-CER,CHIP	SA
2203-006562	C605	C-CER,CHIP	SA
2203-006562	C606	C-CER,CHIP	SA
2203-006562	C607	C-CER,CHIP	SA
2203-006562	R609	C-CER,CHIP	SA
2203-006824	C220	C-CER,CHIP	SA
2203-006824	C309	C-CER,CHIP	SA
2203-006825	C305	C-CER,CHIP	SA
2203-006838	C123	C-CER,CHIP	SA
2203-006838	C127	C-CER,CHIP	SA
2203-006838	C327	C-CER,CHIP	SA
2203-006842	C132	C-CER,CHIP	SA
2203-006901	C315	C-CER,CHIP	SA
2203-006901	C316	C-CER,CHIP	SA
2203-007195	C328	C-CER,CHIP	SA

SEC Code	Design LOC	Description	STATUS
2404-001226	TA402	C-TA,CHIP	SA
2404-001377	TA400	C-TA,CHIP	SA
2404-001381	TA401	C-TA,CHIP	SA
2404-001381	TA500	C-TA,CHIP	SA
2404-001381	TA600	C-TA,CHIP	SA
2404-001536	TA100	C-TA,CHIP	SA
2703-001178	C129	INDUCTOR-SMD	SA
2703-001724	L111	INDUCTOR-SMD	SA
2703-001724	L113	INDUCTOR-SMD	SA
2703-001734	L110	INDUCTOR-SMD	SA
2703-001737	L112	INDUCTOR-SMD	SA
2703-001749	R108	INDUCTOR-SMD	SA
2703-002178	L500	INDUCTOR-SMD	SA
2703-002314	L102	INDUCTOR-SMD	SA
2703-002365	C133	INDUCTOR-SMD	SA
2703-002368	L117	INDUCTOR-SMD	SA
2703-002506	L107	INDUCTOR-SMD	SA
2703-002586	L105	INDUCTOR-SMD	SA
2703-002586	L109	INDUCTOR-SMD	SA
2703-002596	C100	INDUCTOR-SMD	SA
2703-002596	L101	INDUCTOR-SMD	SA
2703-002597	L100	INDUCTOR-SMD	SA
2703-002597	L103	INDUCTOR-SMD	SA
2703-003331	L300	INDUCTOR-SMD	SA
2801-004339	OSC300	CRYSTAL-SMD	SA
2801-004683	OSC100	CRYSTAL-SMD	SA
2901-001316	U202	FILTER-EMI SMD	SA
2901-001450	F500	FILTER-EMI/ESD	SA
2901-001498	F600	FILTER-EMI/ESD	SA
2901-001498	F601	FILTER-EMI/ESD	SA
2901-001498	F602	FILTER-EMI/ESD	SA
2901-001498	F603	FILTER-EMI/ESD	SA
2901-001498	F604	FILTER-EMI/ESD	SA
2909-001279	F101	FILTER-LC	SA
2911-000058	F100	DUPLEXER-FEM	SA
3301-001534	L115	BEAD-SMD	SA
3301-001659	L116	BEAD-SMD	SA
3301-001729	L400	BEAD-SMD	SA
3301-001729	L401	BEAD-SMD	SA
3301-001729	L402	BEAD-SMD	SA
3301-001729	L403	BEAD-SMD	SA
3301-001812	L503	BEAD-SMD	SA
3301-001812	L504	BEAD-SMD	SA
3301-001812	L505	BEAD-SMD	SA
3301-001917	L501	BEAD-SMD	SA
3301-001917	L502	BEAD-SMD	SA
3301-001917	L506	BEAD-SMD	SA
3301-001970	L404	BEAD-SMD	SA
3705-001421	RFS100	CONNECTOR-COAXIAL	SA
3709-001464	CD300	CONNECTOR-CARD EDGE	SA
3709-001488	SIM300	CONNECTOR-CARD EDGE	SA
3710-002523	IFC500	SOCKET-INTERFACE	SA
3711-005578	HEA300	HEADER-BOARD TO BOARD	SA

SEC Code	Design LOC	Description	STATUS
3711-006010	HDC601	HEADER-BOARD TO BOARD	SA
3711-006348	CN600	HEADER-BATTERY	SA
4202-001381	ANT102	ANTENNA-CHIP	SA
4302-001181	BAT300	BATTERY-LI(2ND)	SA
GH70-02640A	SC1	ICT SHIELD-CAN CLIP	SA
GH70-02640A	SC2	ICT SHIELD-CAN CLIP	SA
GH70-02640A	SC4	ICT SHIELD-CAN CLIP	SA
GH70-02640A	SC5	ICT SHIELD-CAN CLIP	SA
GH70-02640A	SC6	ICT SHIELD-CAN CLIP	SA

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

www.s-manuals.com