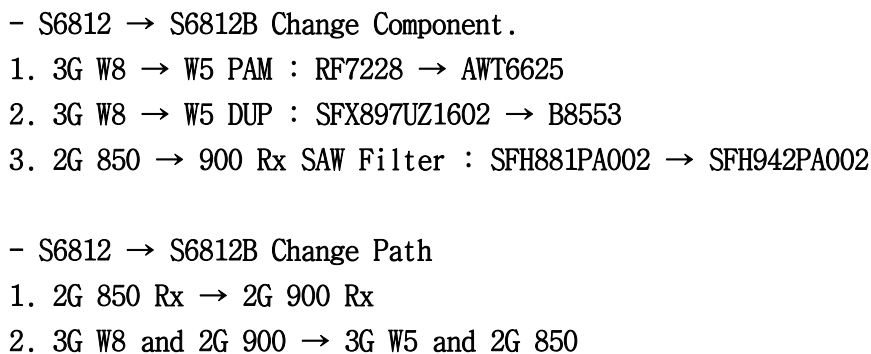
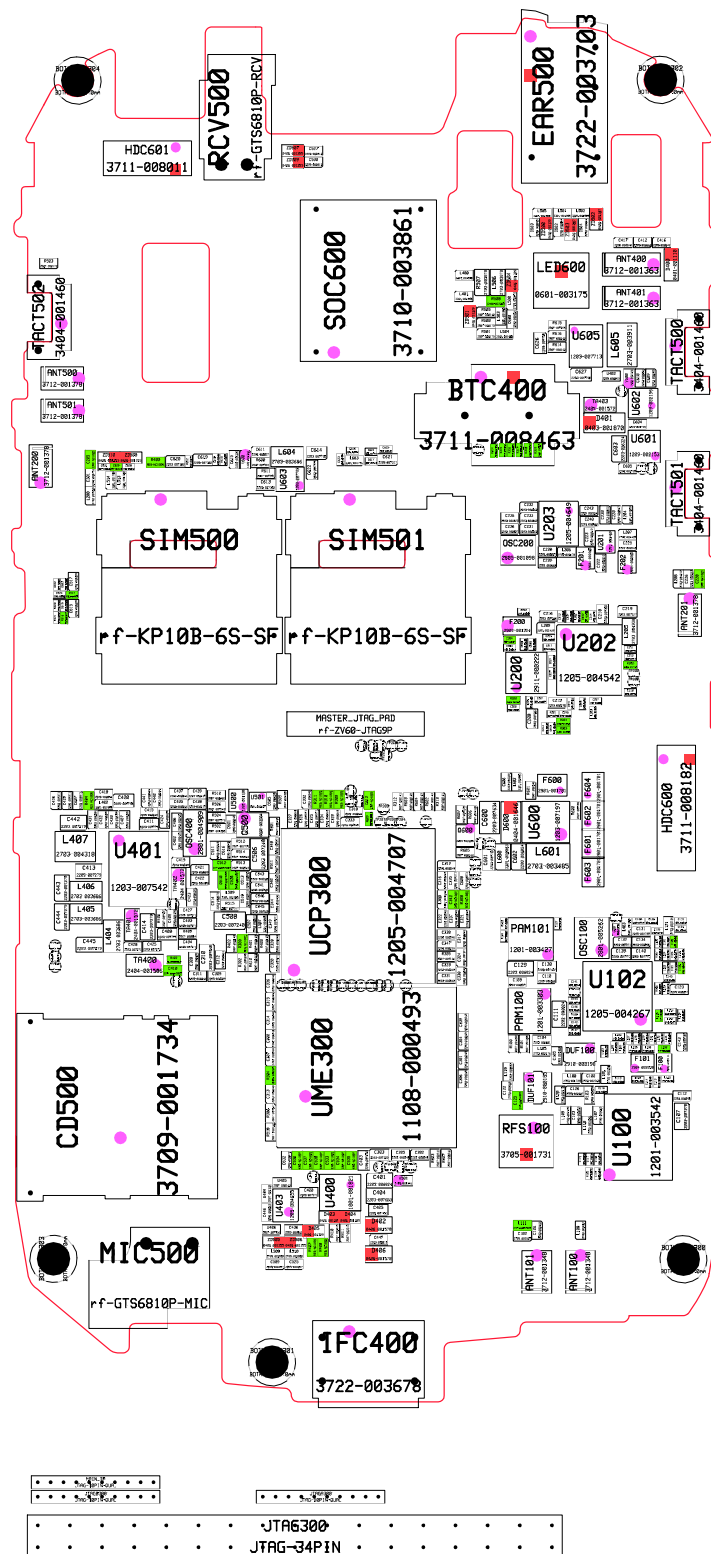


8-1. Block Diagram (GT-S6812B)

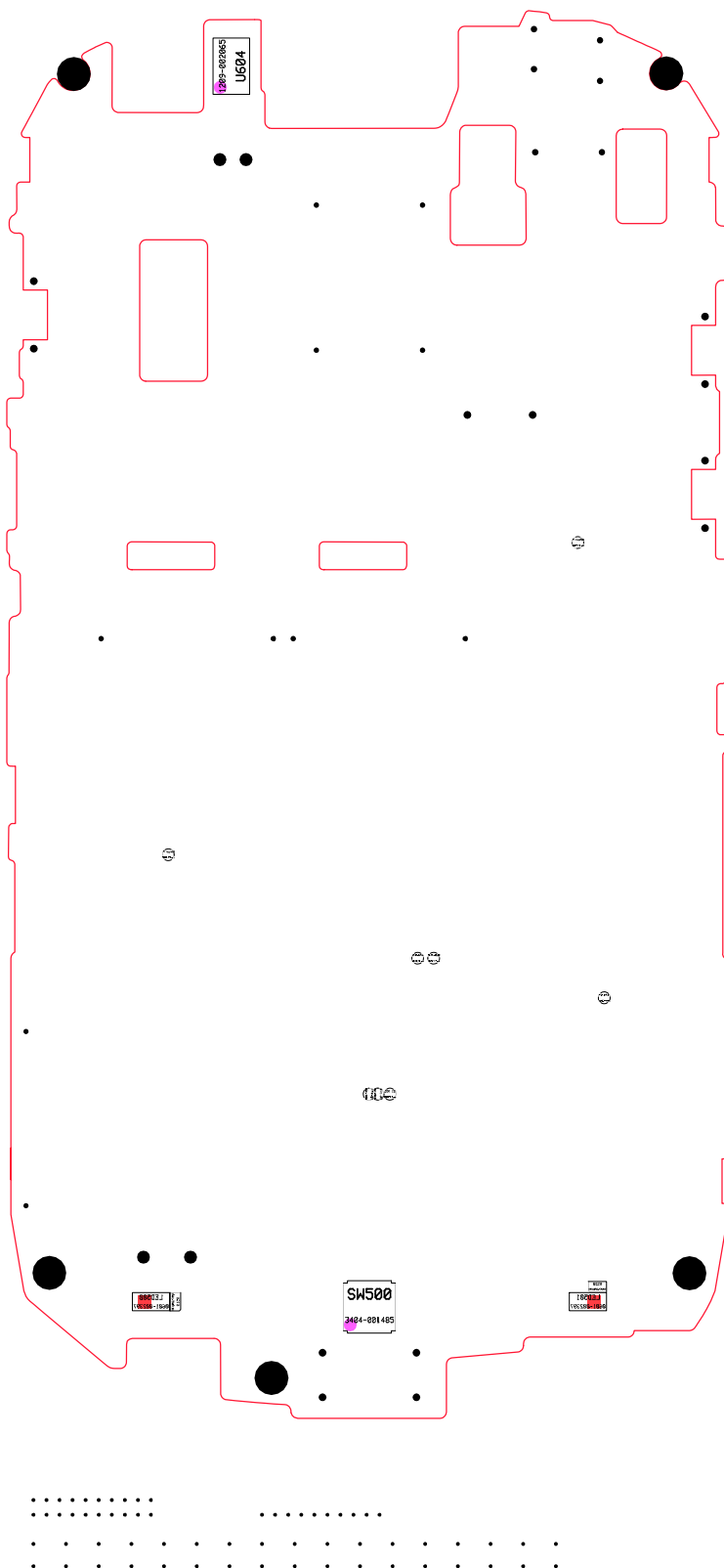


8-2. PCB Diagrams

8-2-1. Top

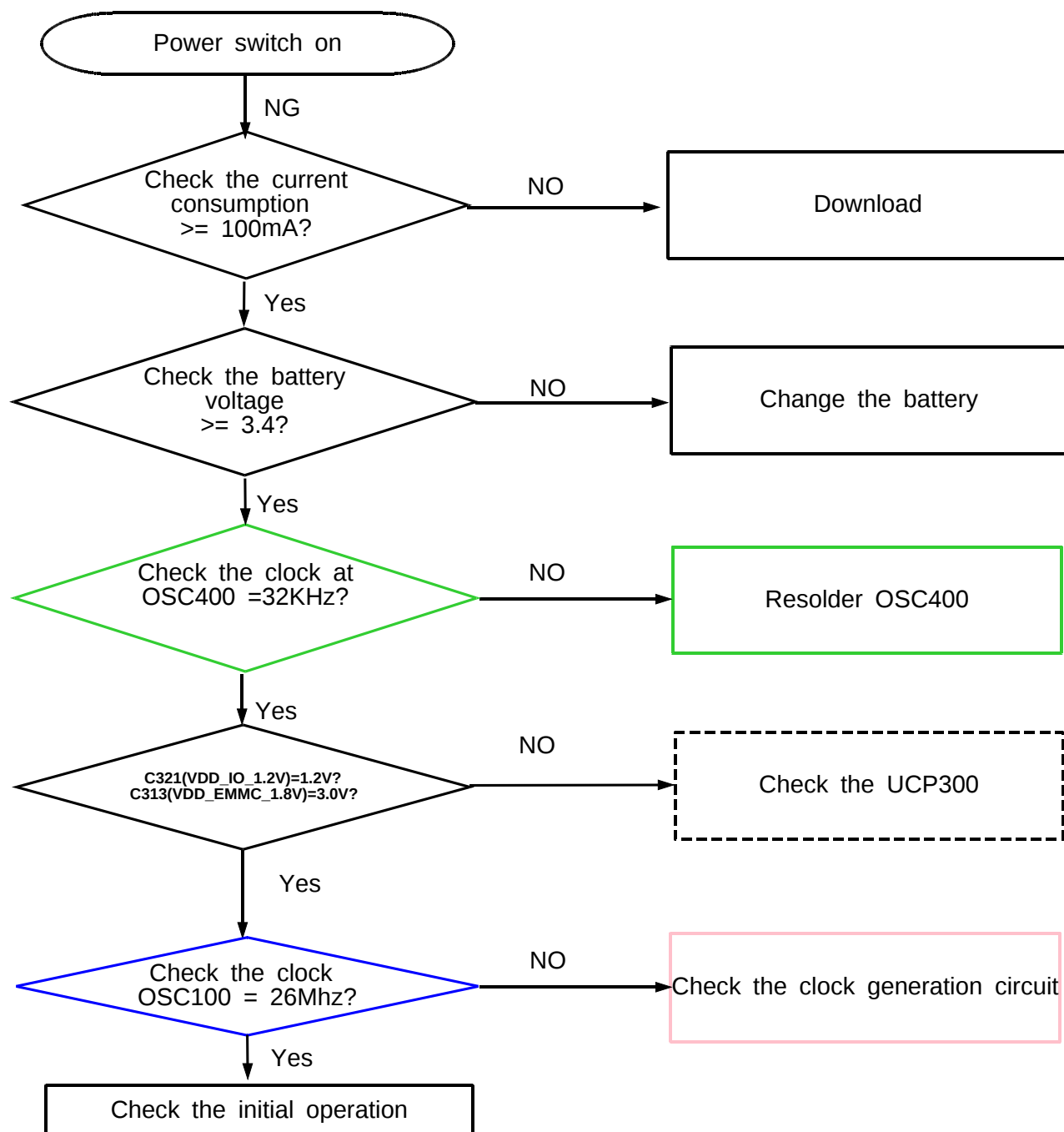


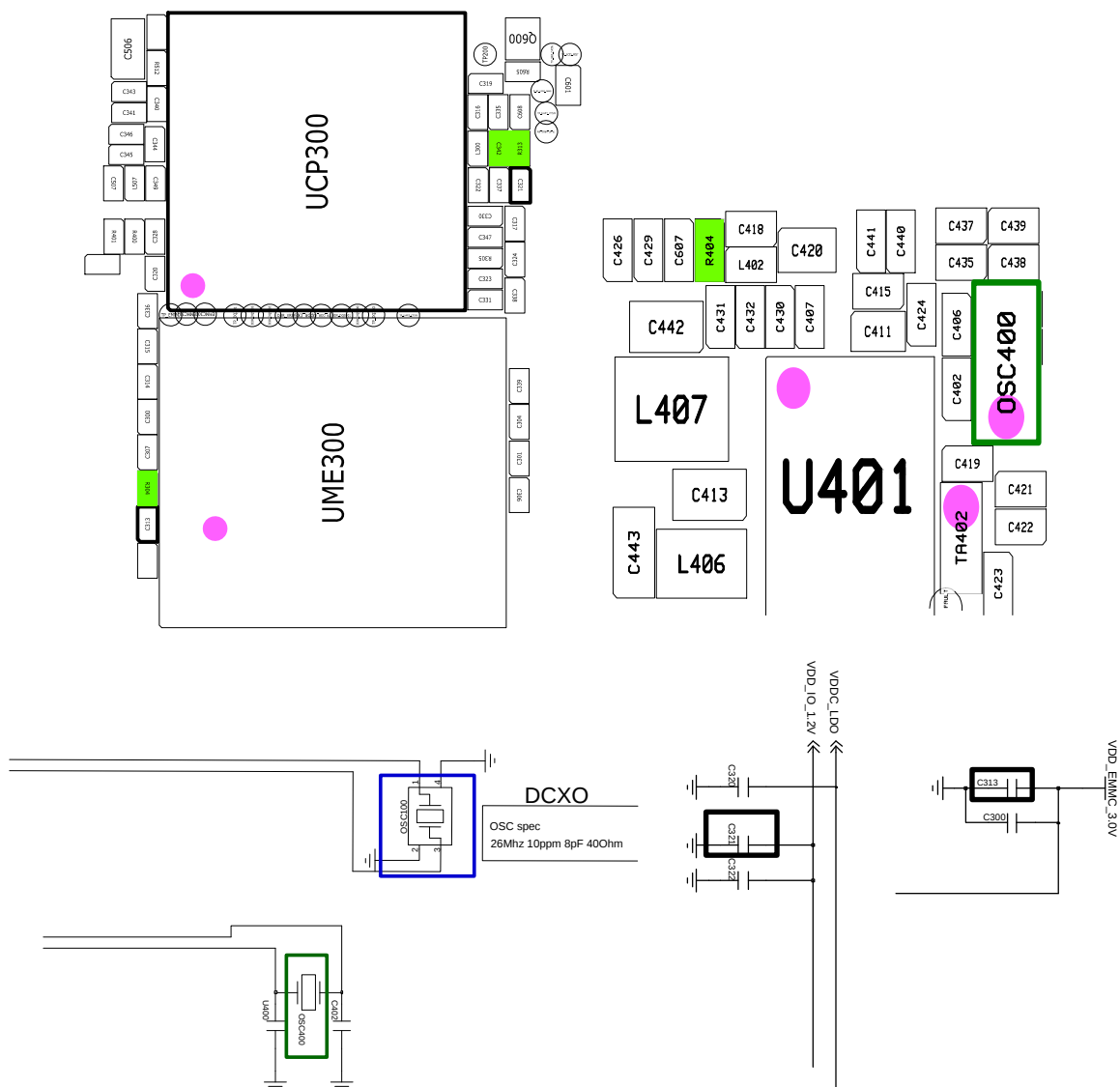
8-2-1. Bottom



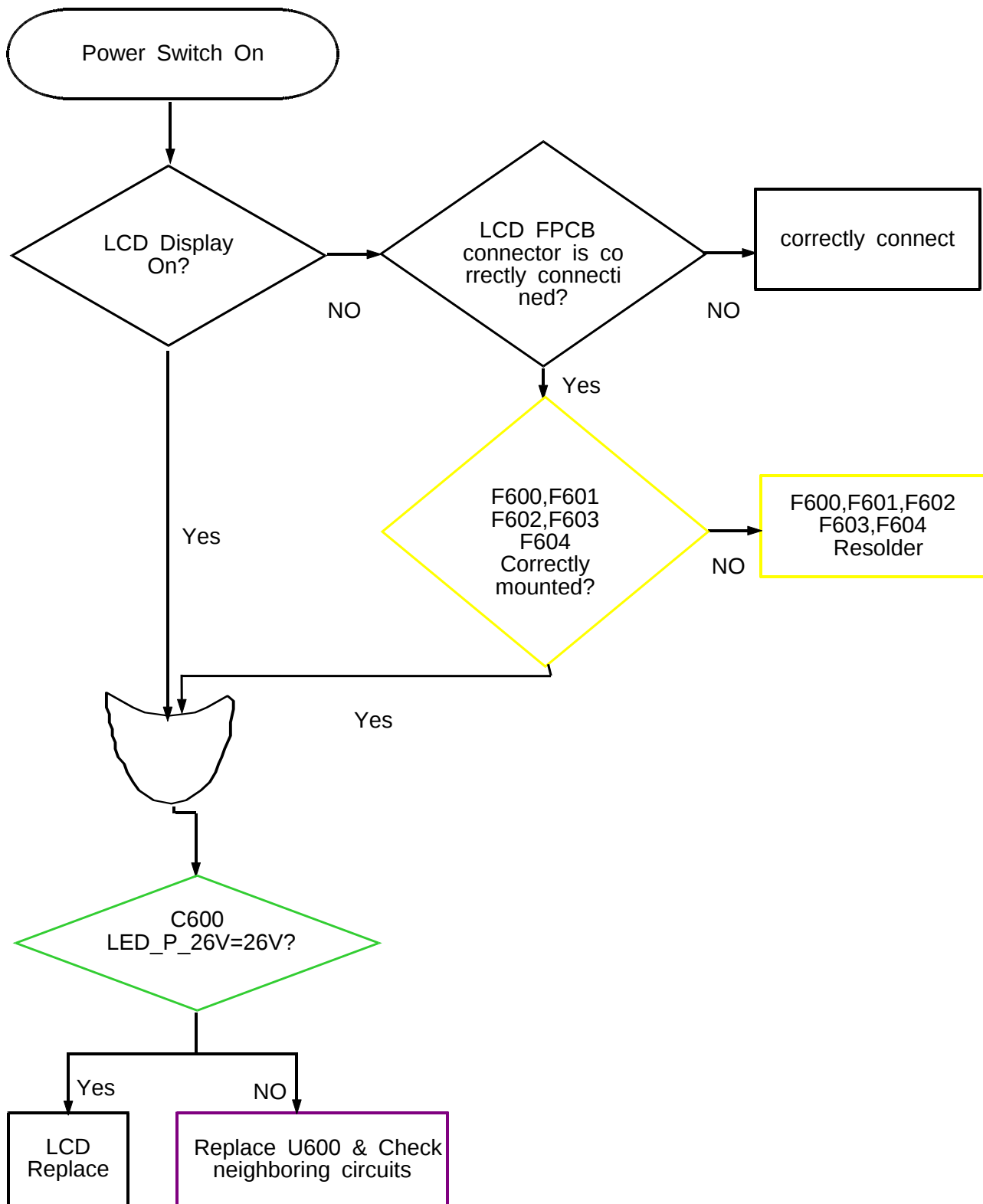
8-3. LOGIC

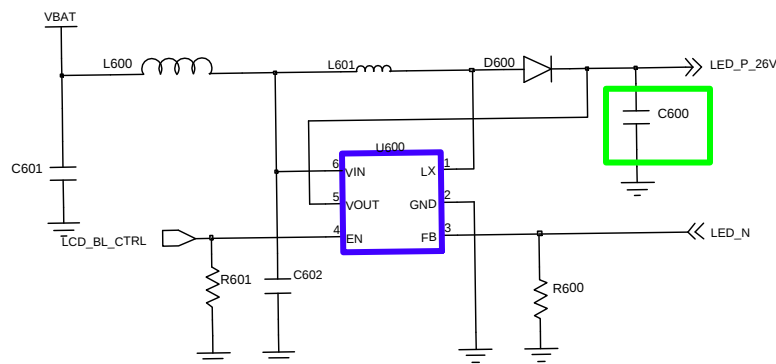
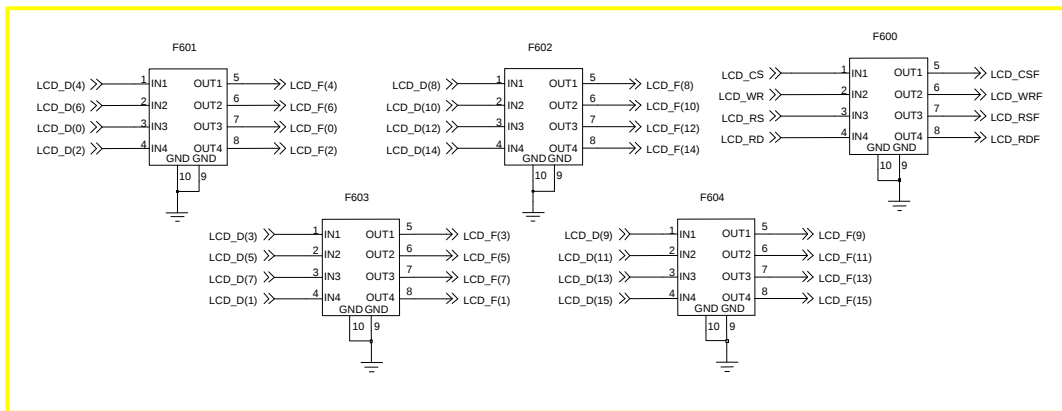
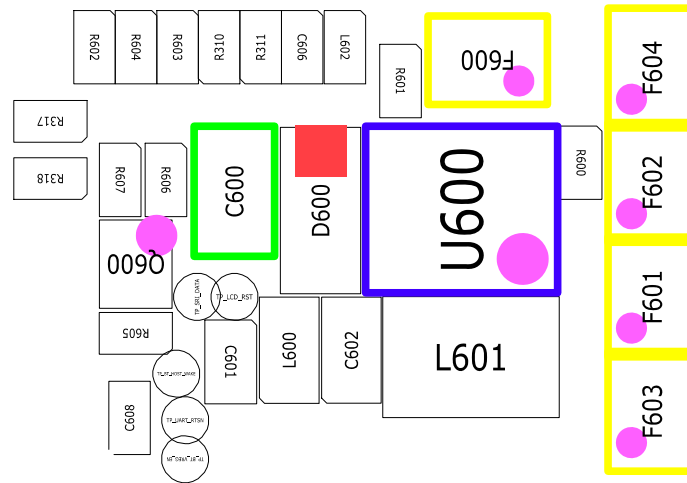
8-3-1. Power On





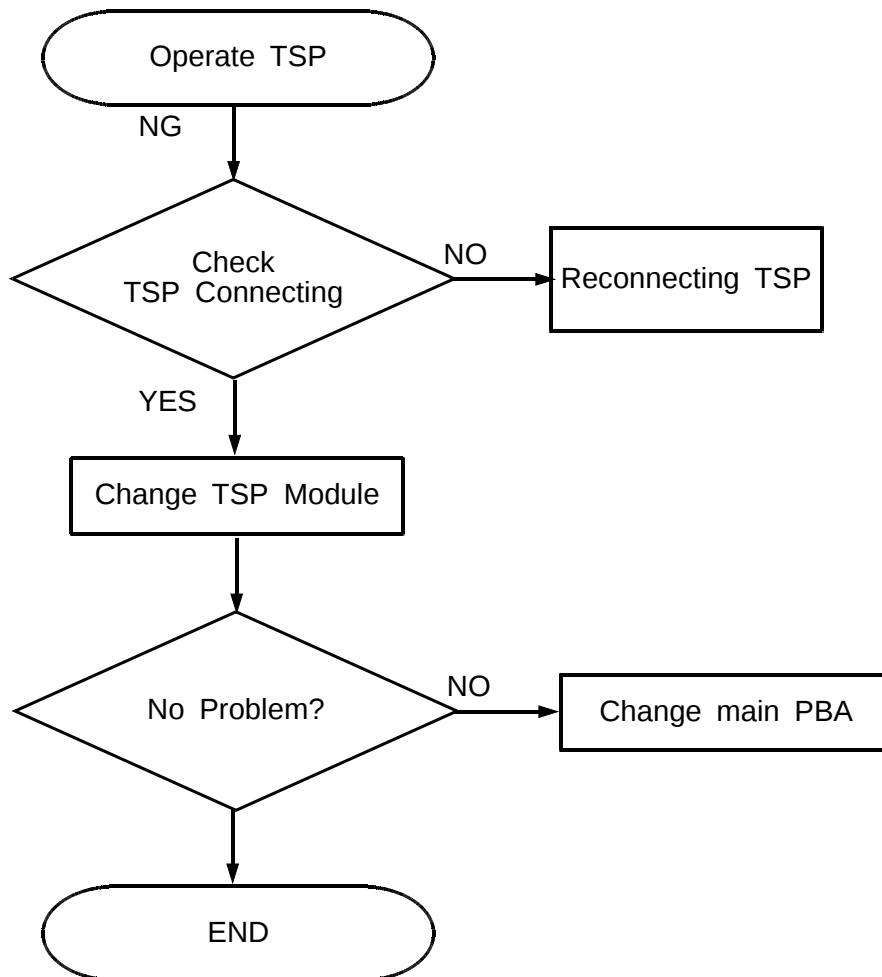
8-3-2. LCD Working





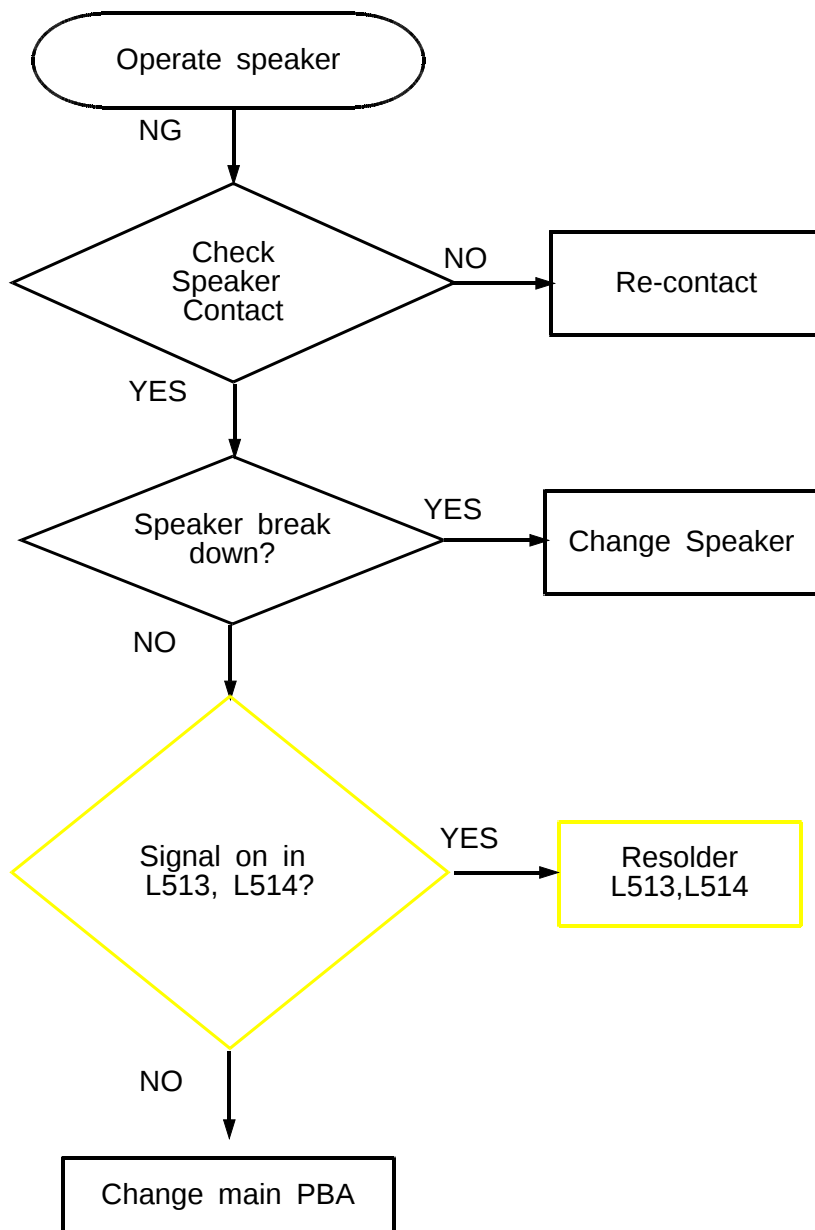
LCD_LED DRIVER IC

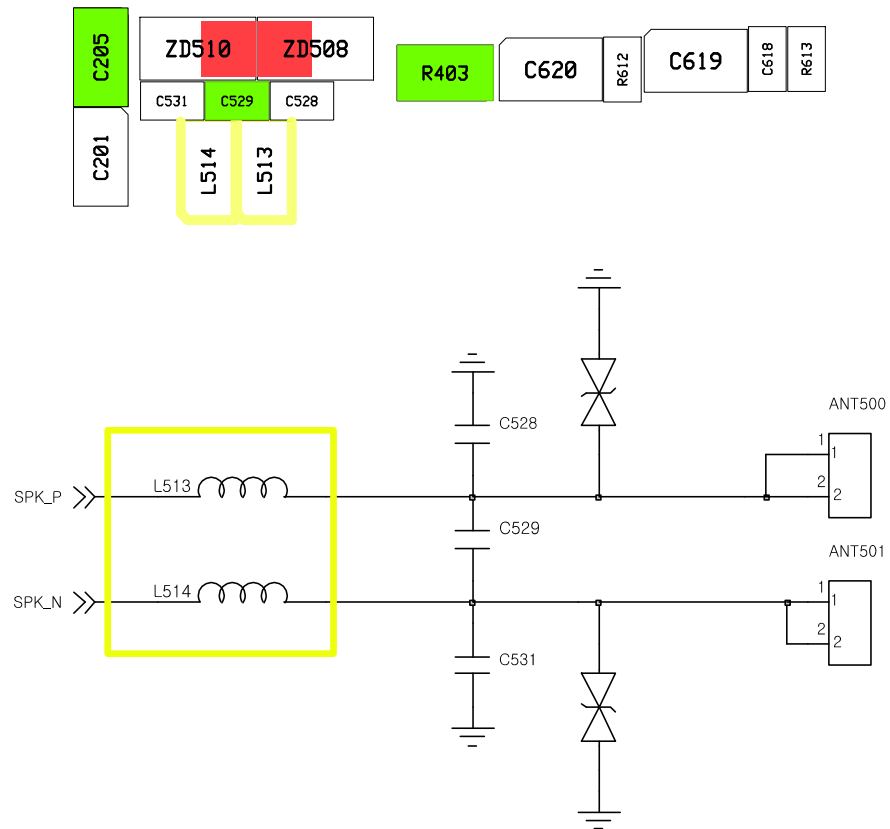
8-3-3. TSP



8-3-4 Audio Working

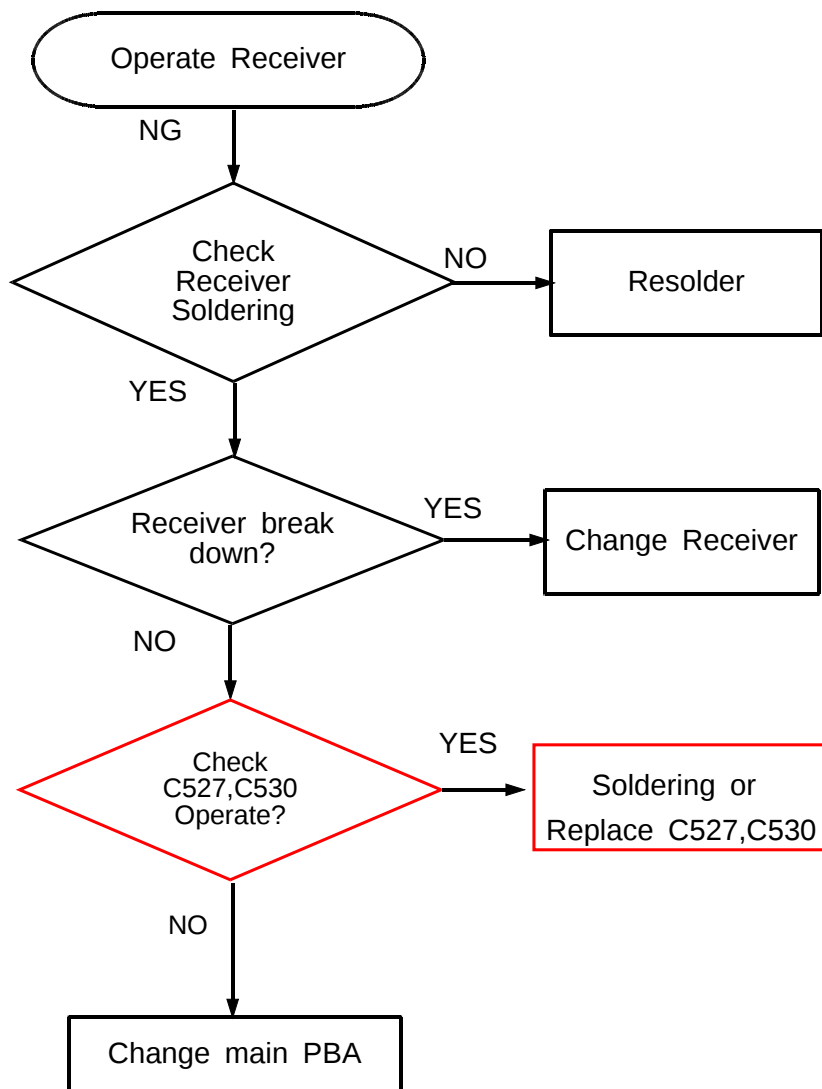
- Speaker Working

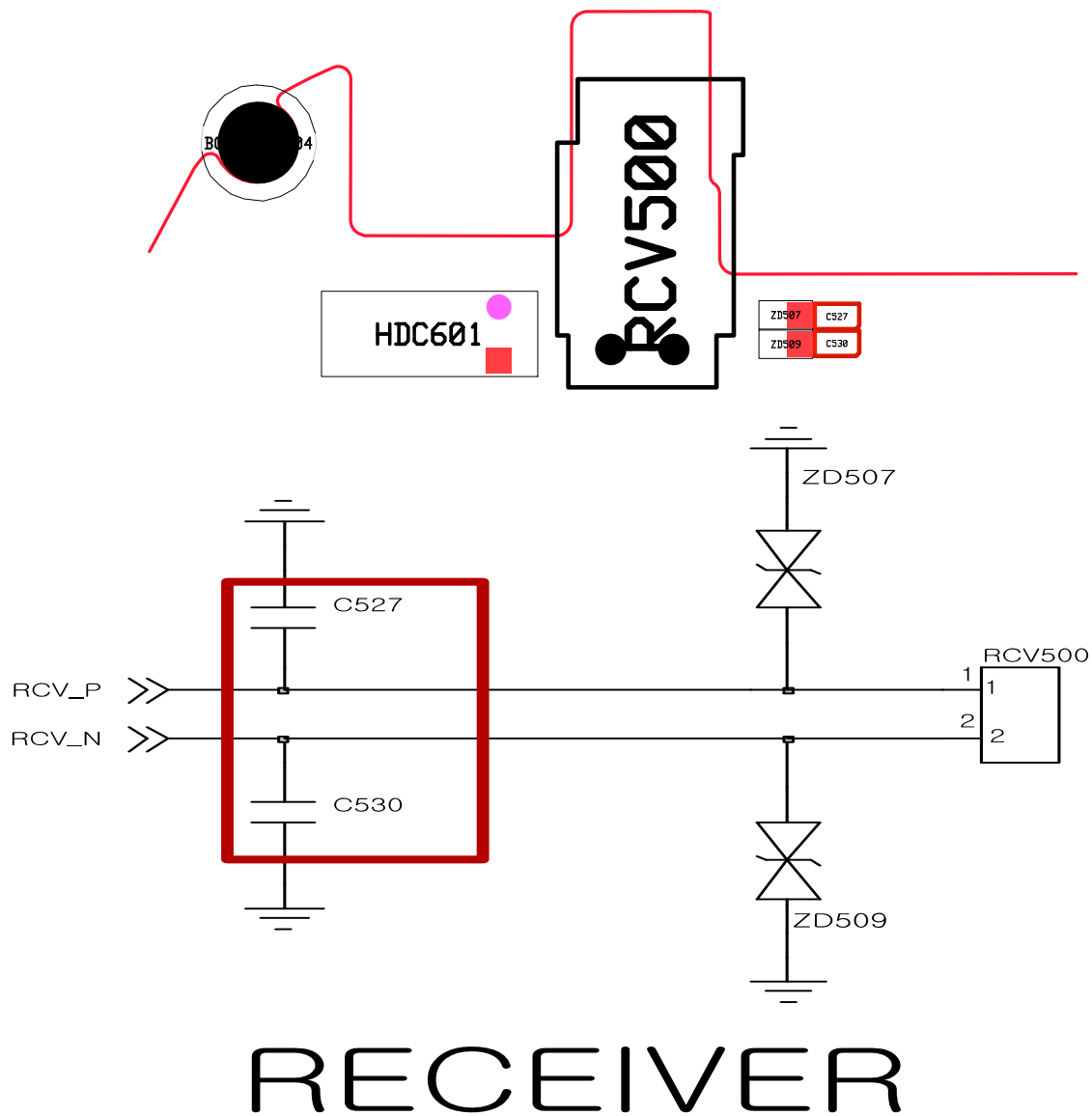




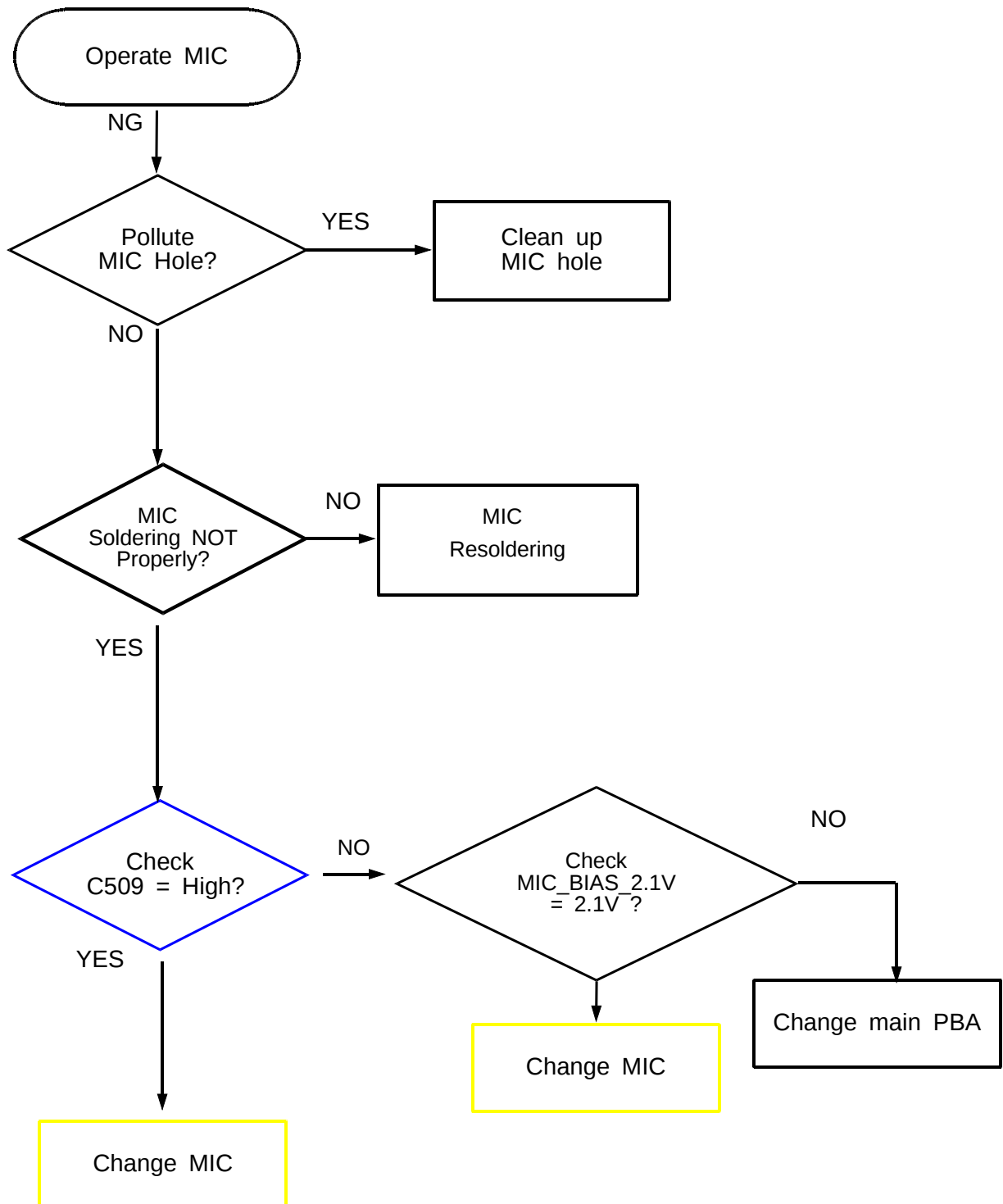
SPEAKER

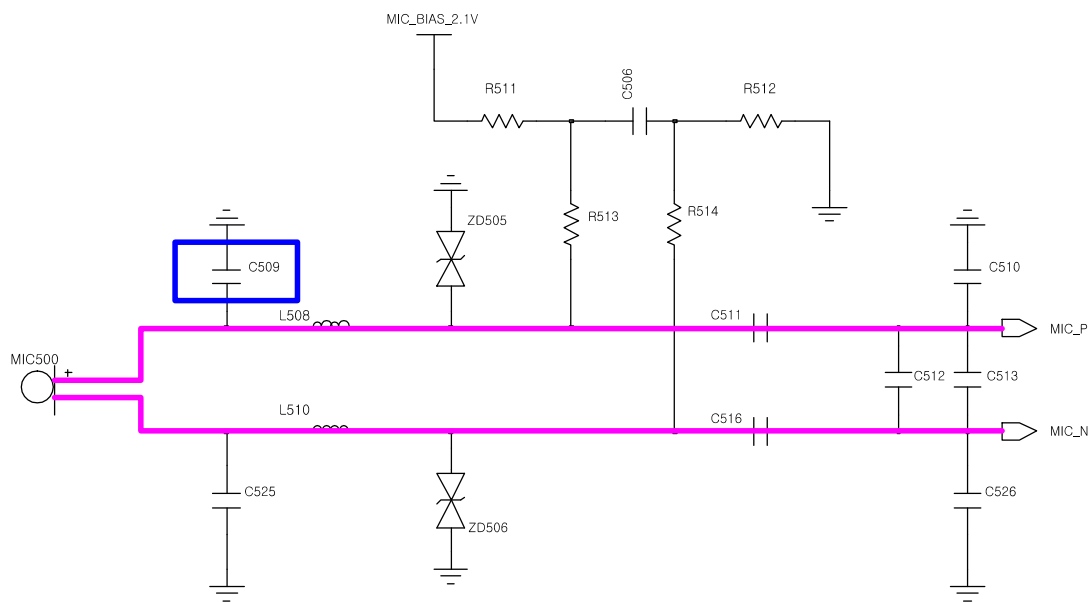
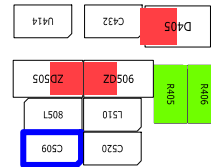
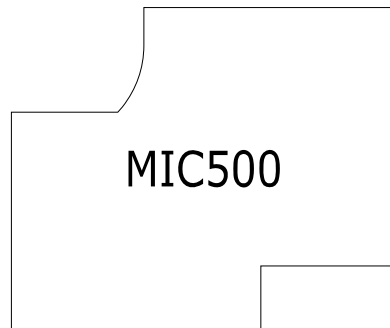
■ Receiver Working





- Main MIC Working

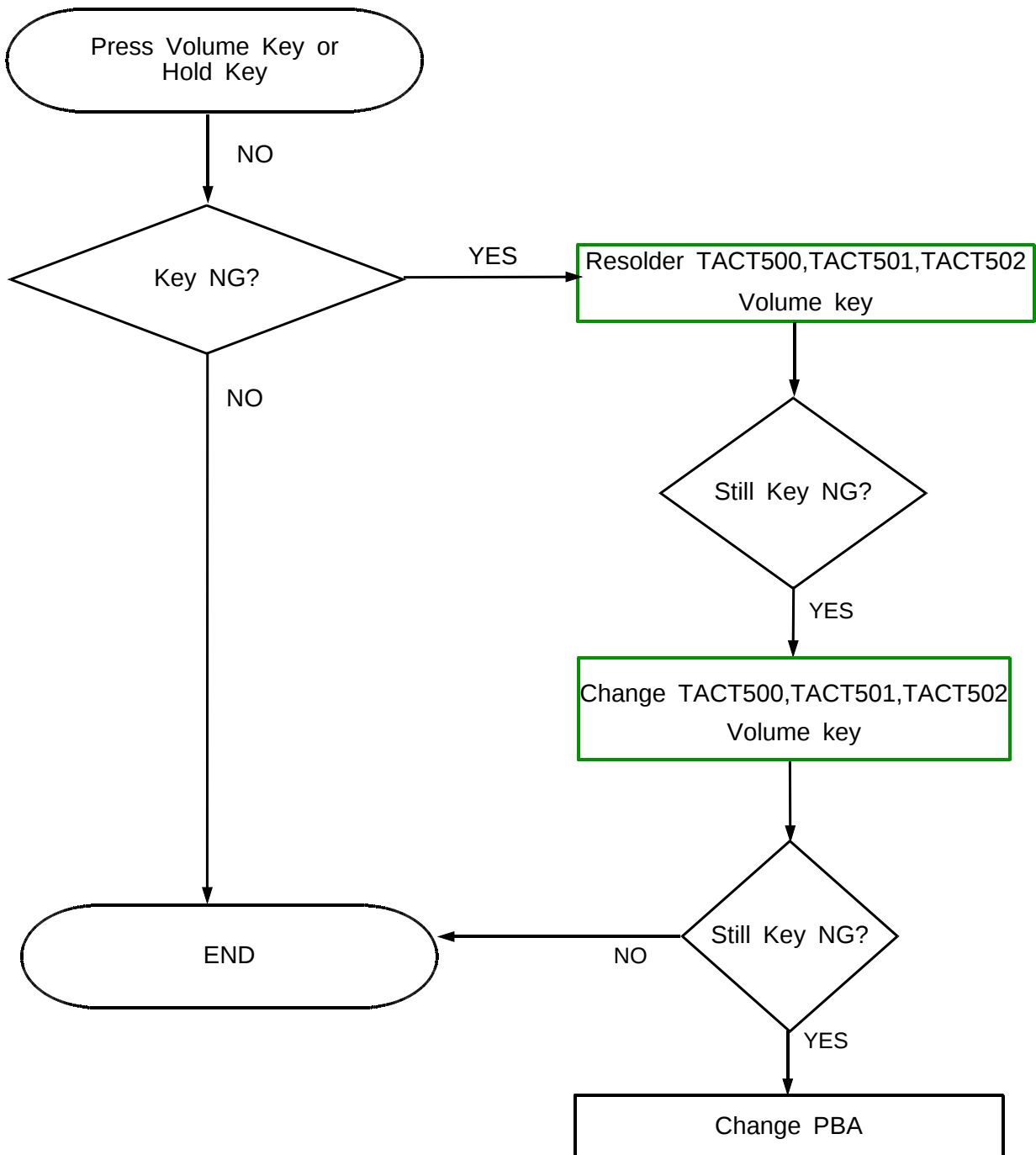


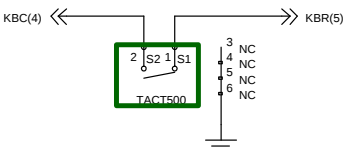
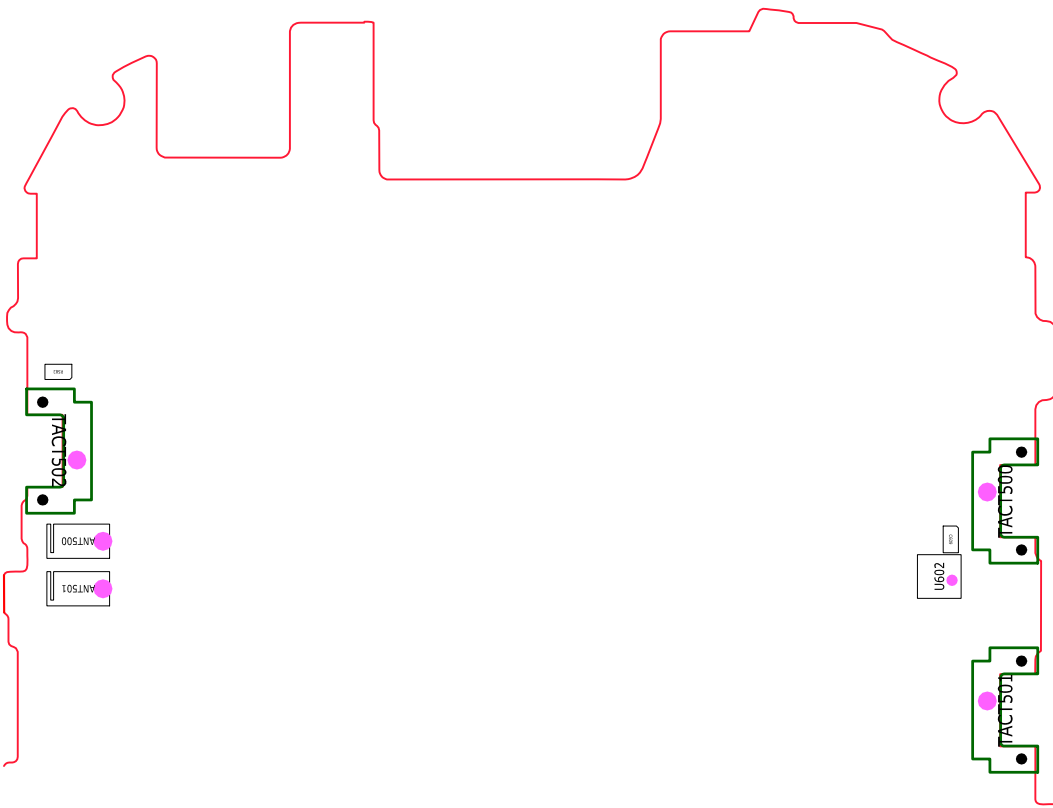


MAIN MIC

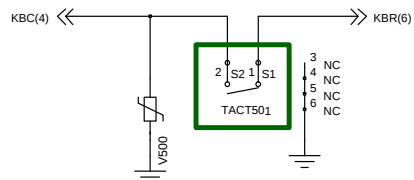
8-3-5. KEY Working

- Volume KEY, Hold KEY

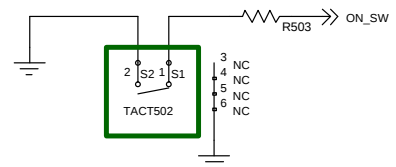




VOL UP

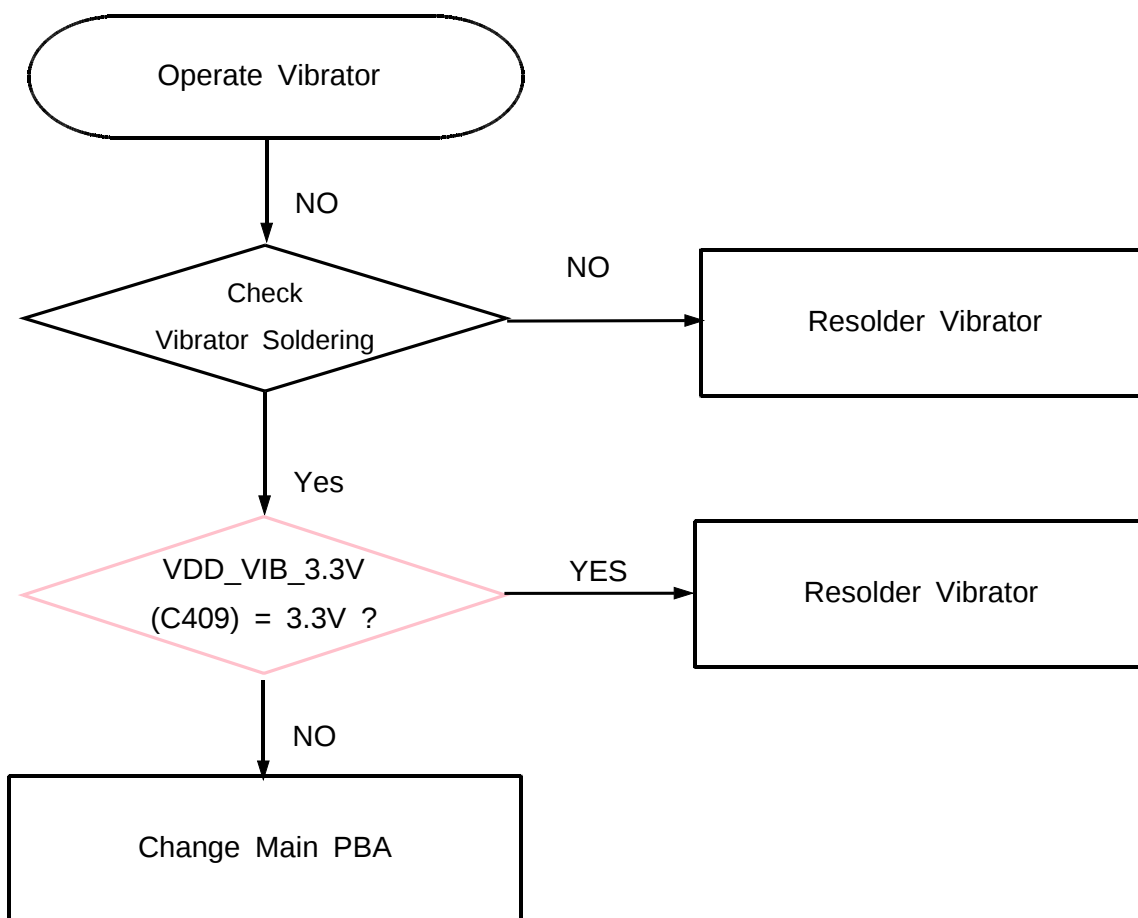


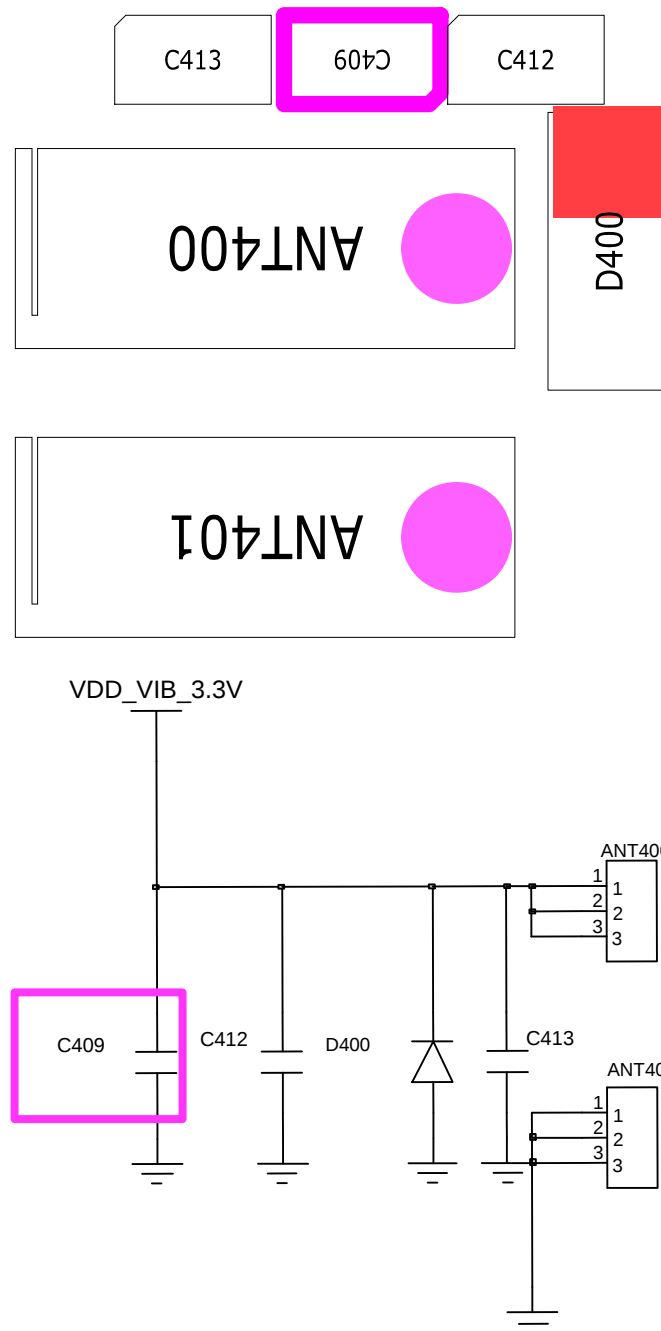
VOL DOWN



HOLD KEY

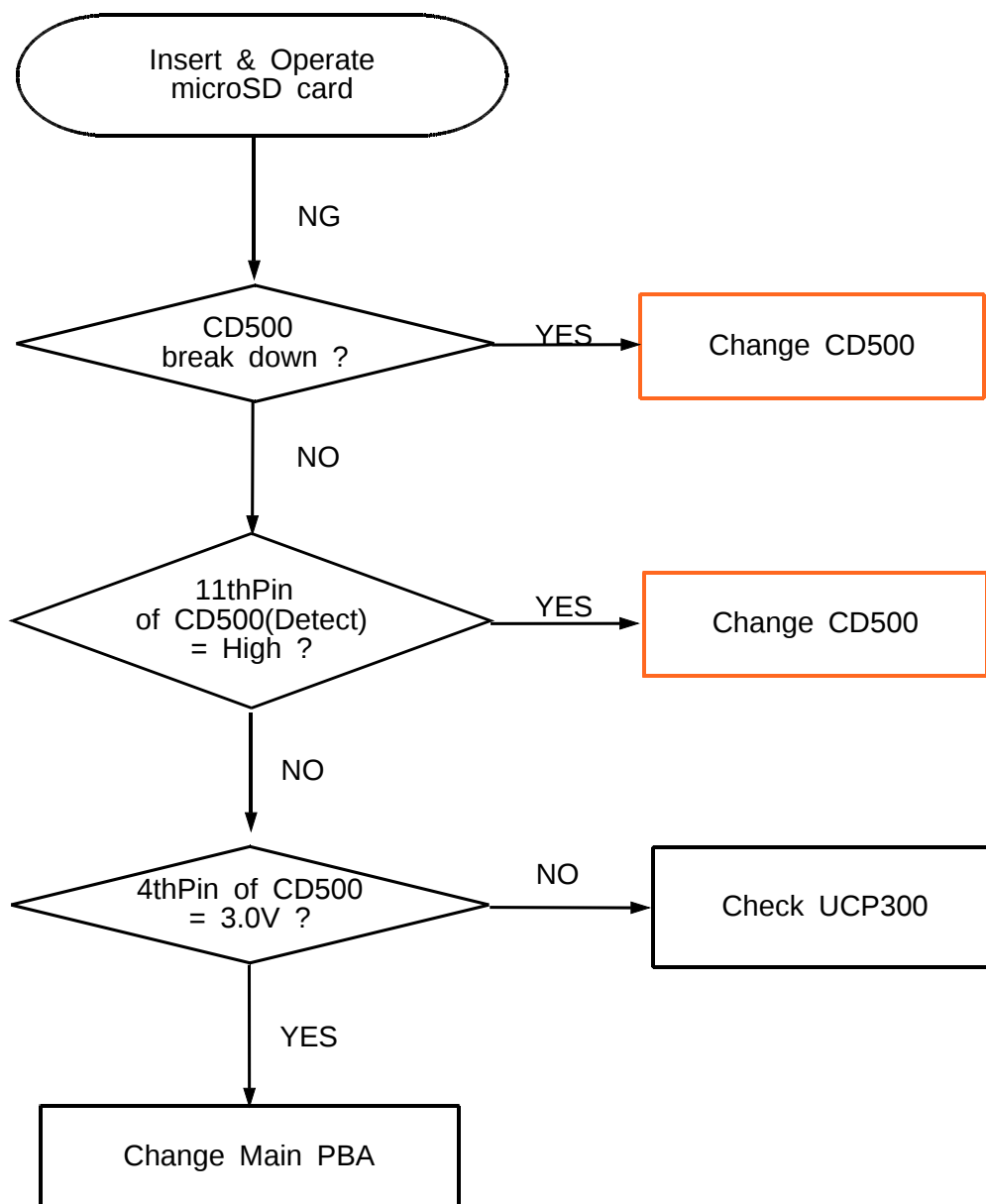
8-3-6. Vibrator Working

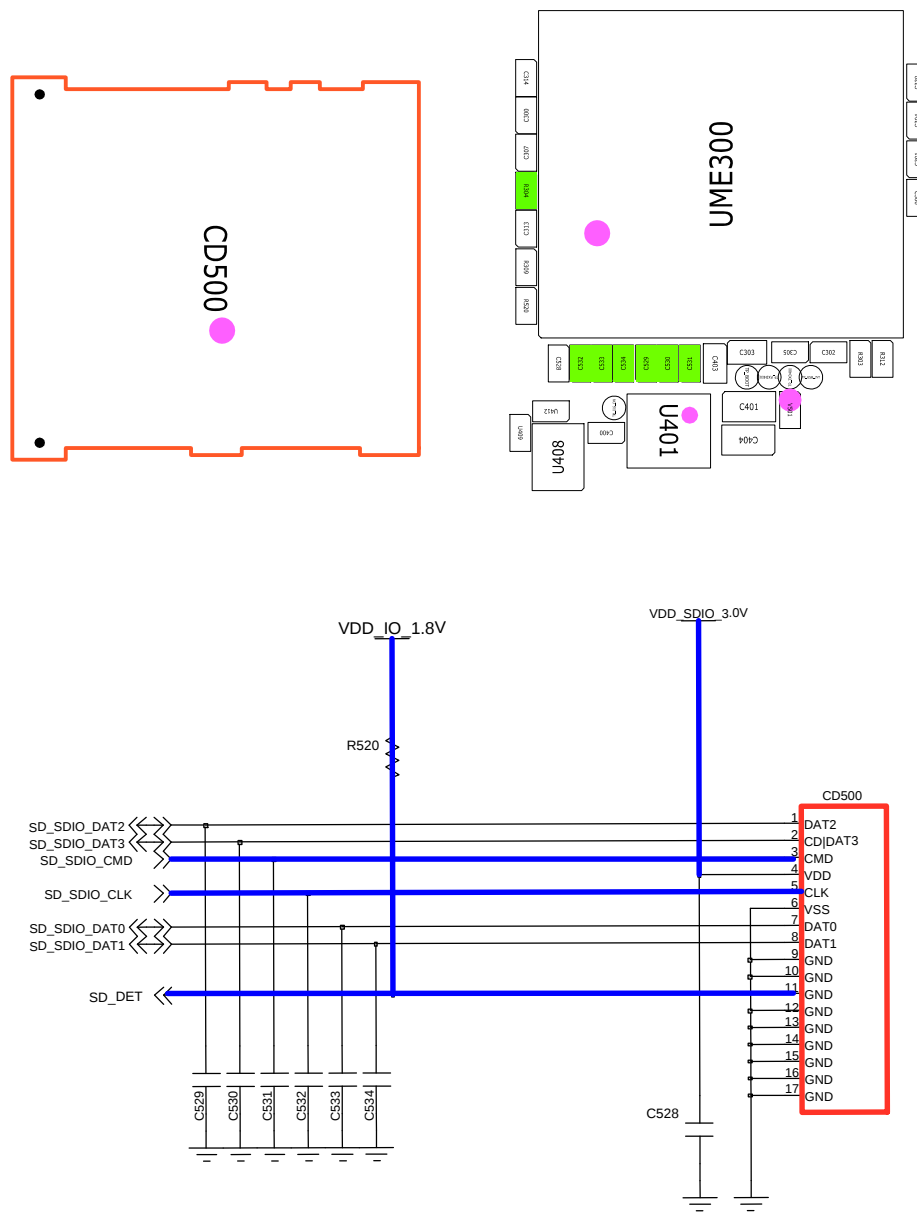




MOT PAD

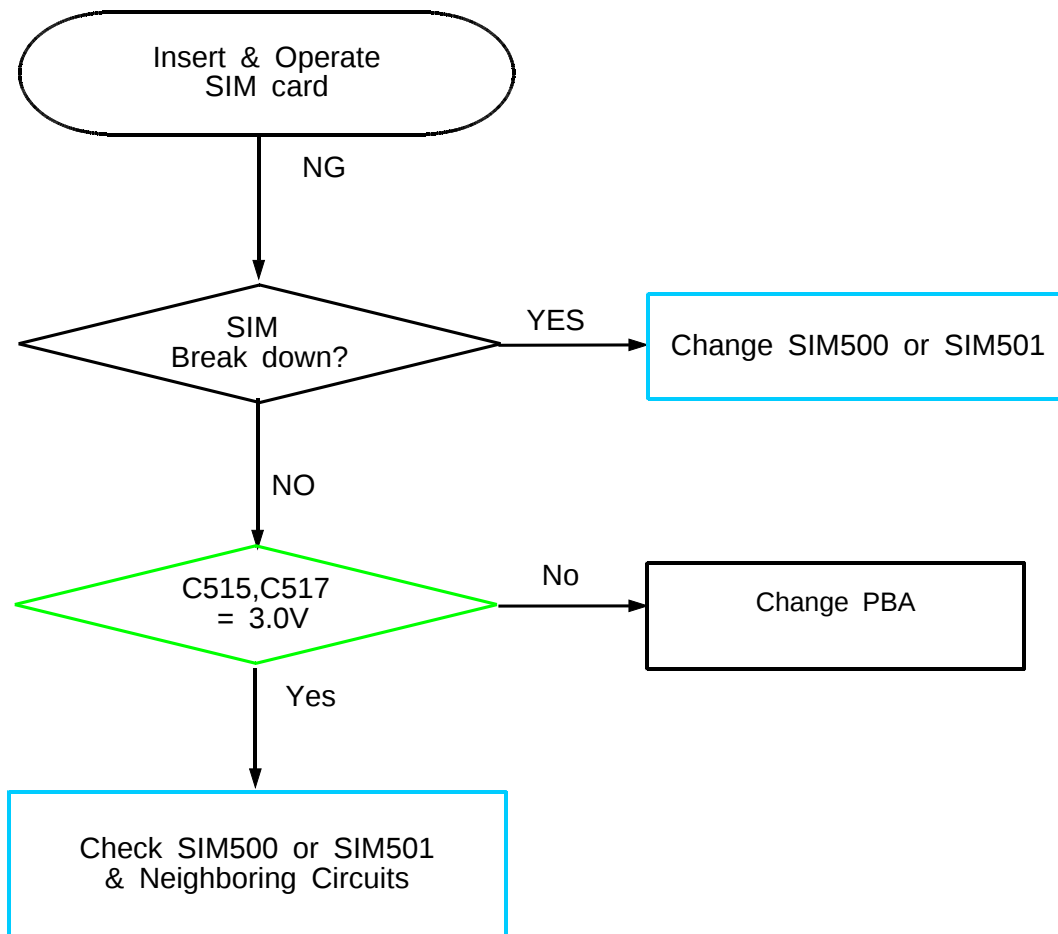
8-3-7. T-Flash Card Working

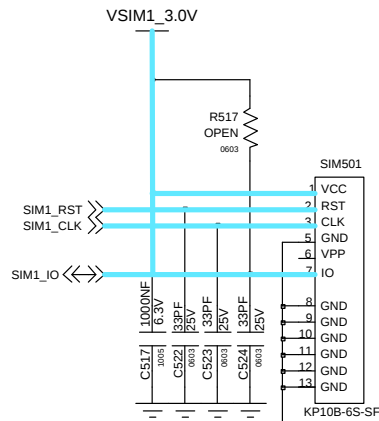
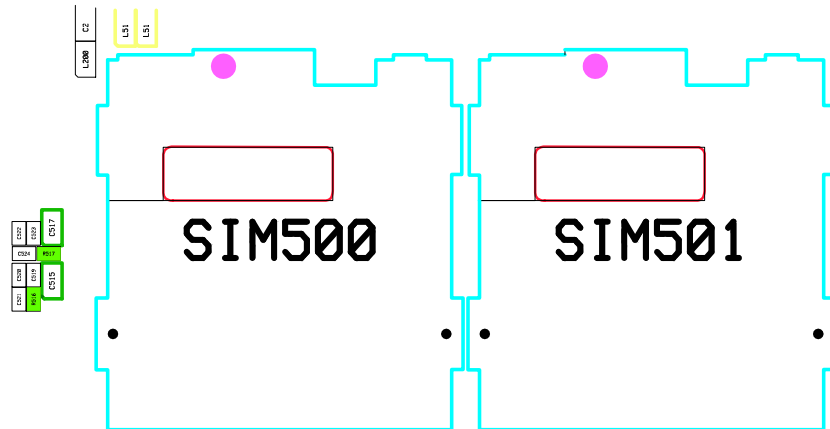




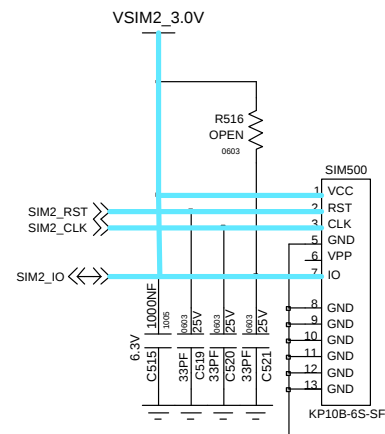
MicroSD Card CON

8-3-8. SIM Card Working



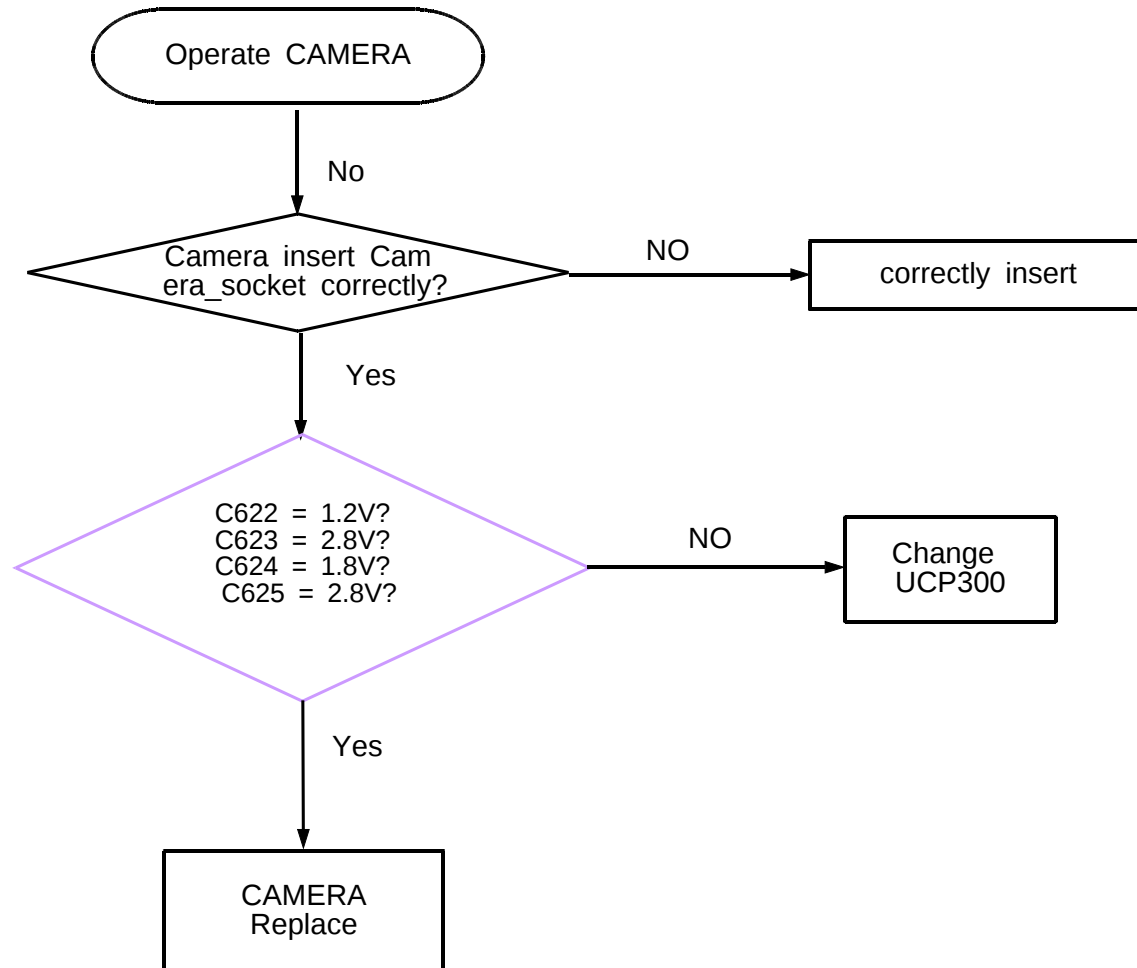


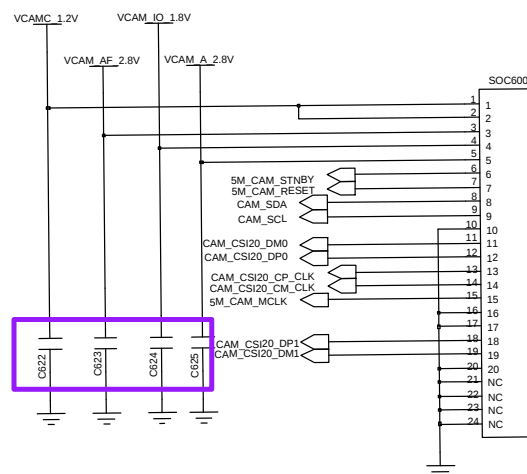
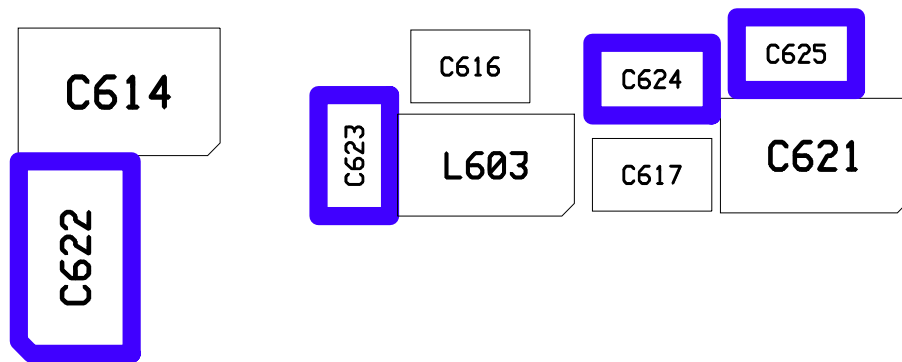
SIM CON_1



SIM CON_2

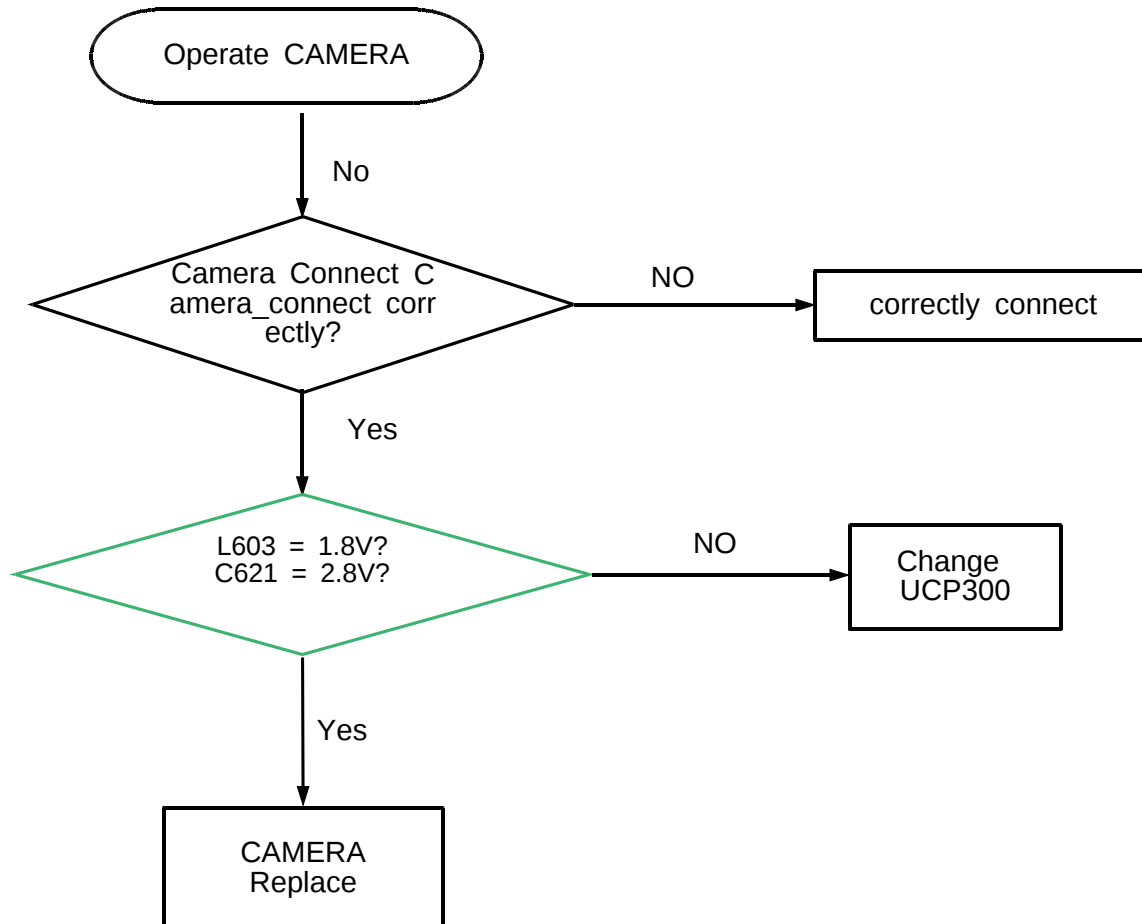
8-3-9 Main(5M) CAMERA Working

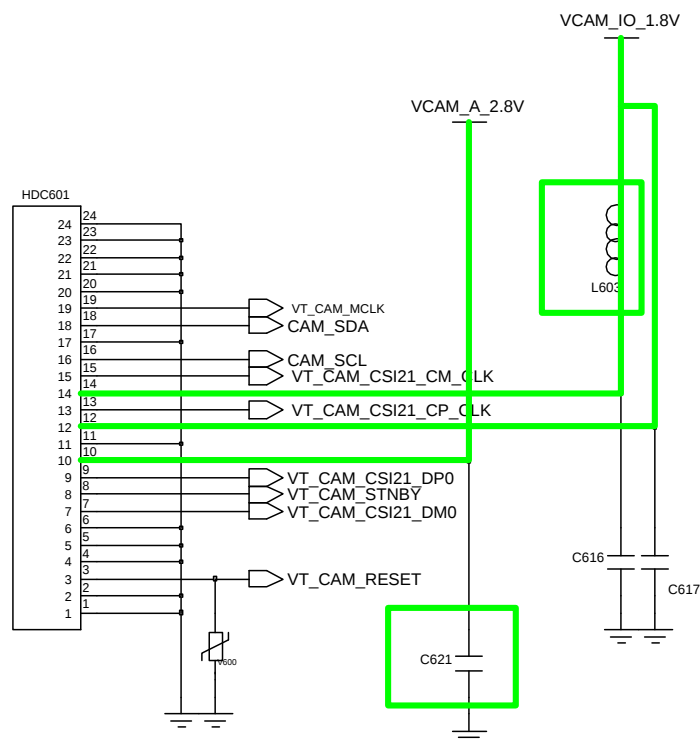
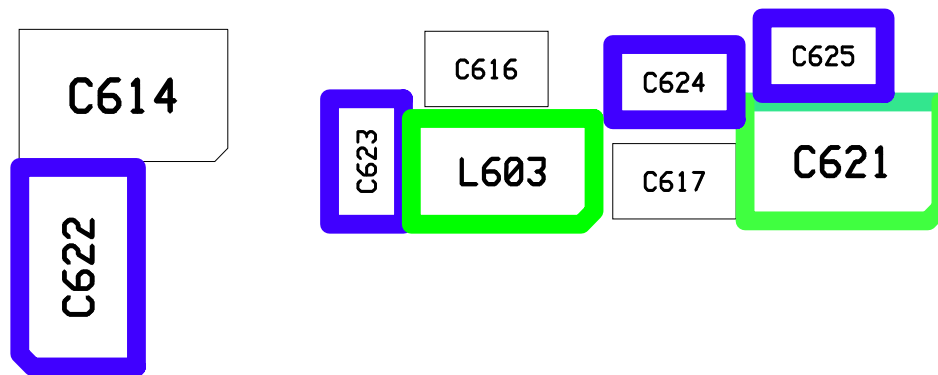




5M AF CAMERA

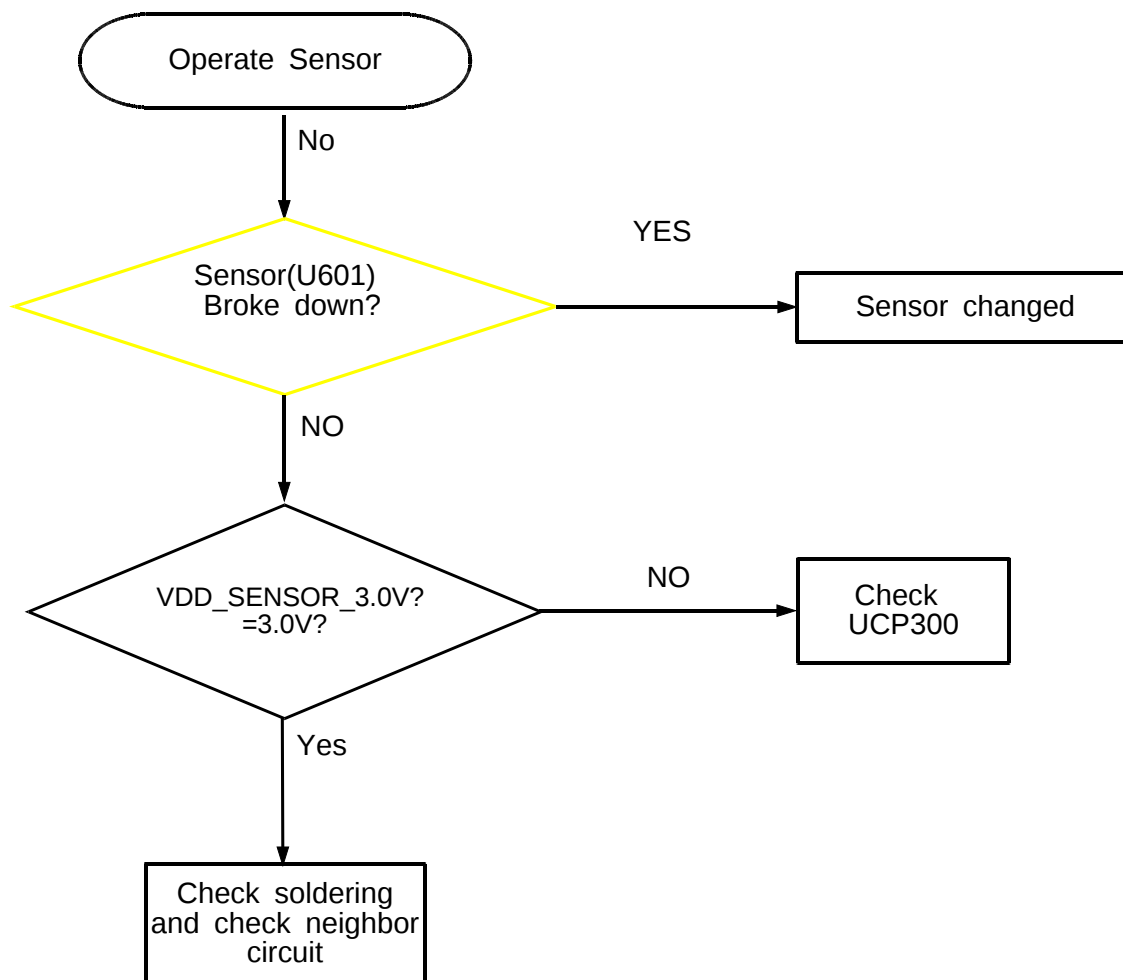
8-3-10 Main(VGA) CAMERA Working

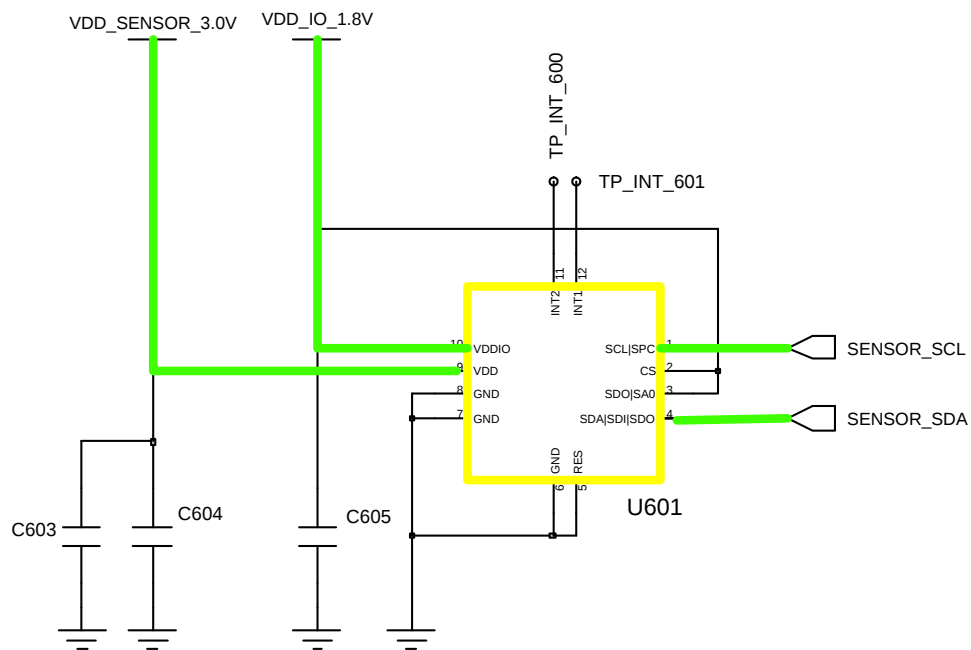
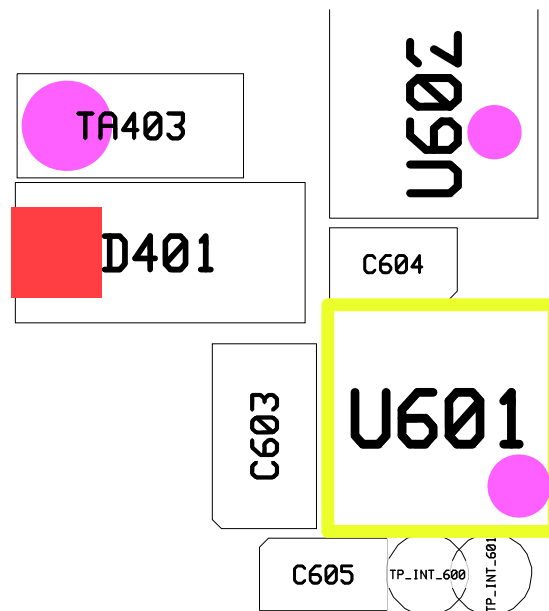




VGA CAM

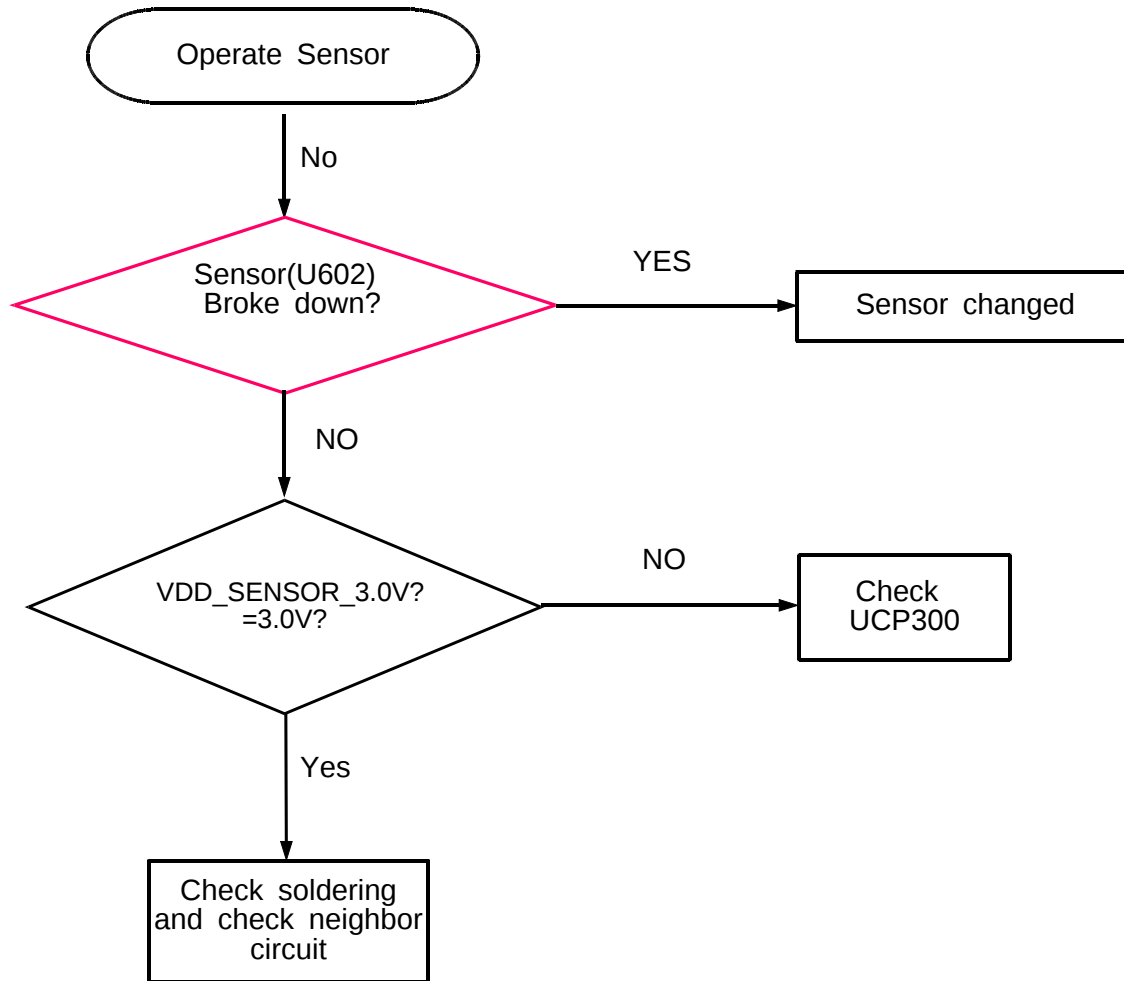
8-3-10 Accelero sensor

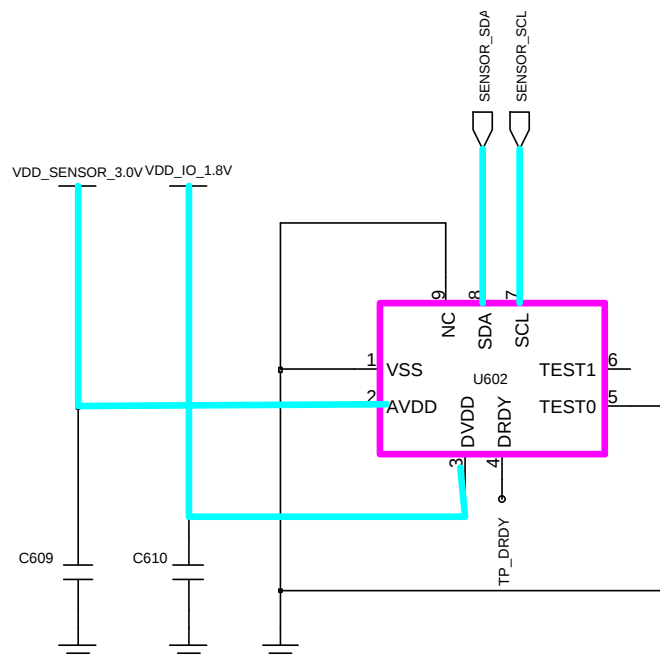
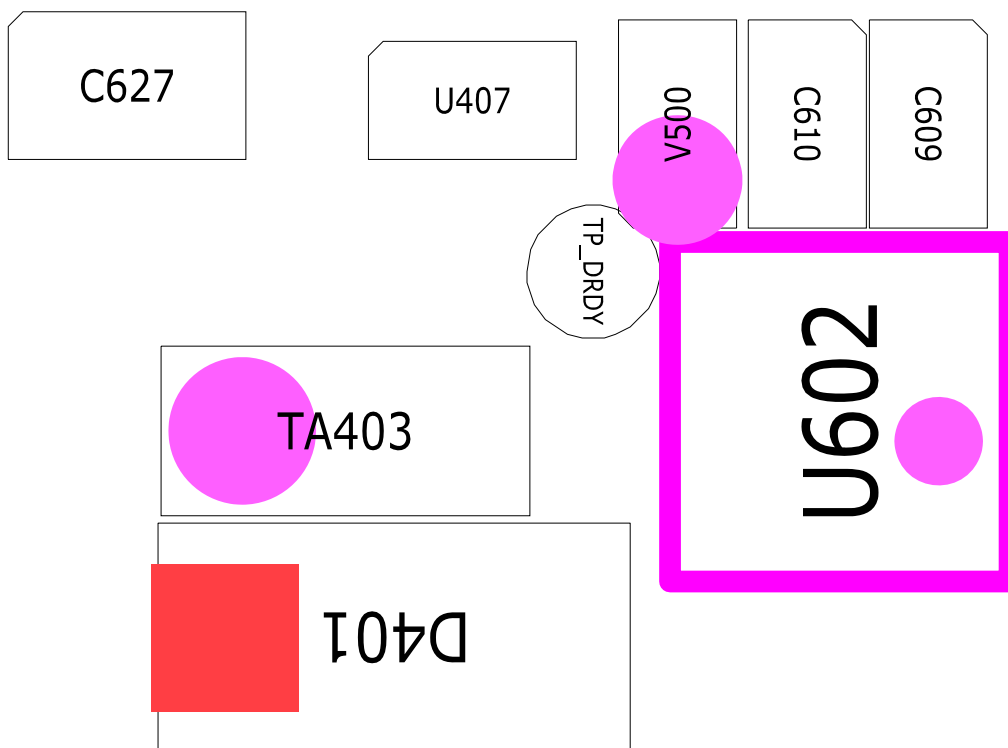




Accelero SENSOR

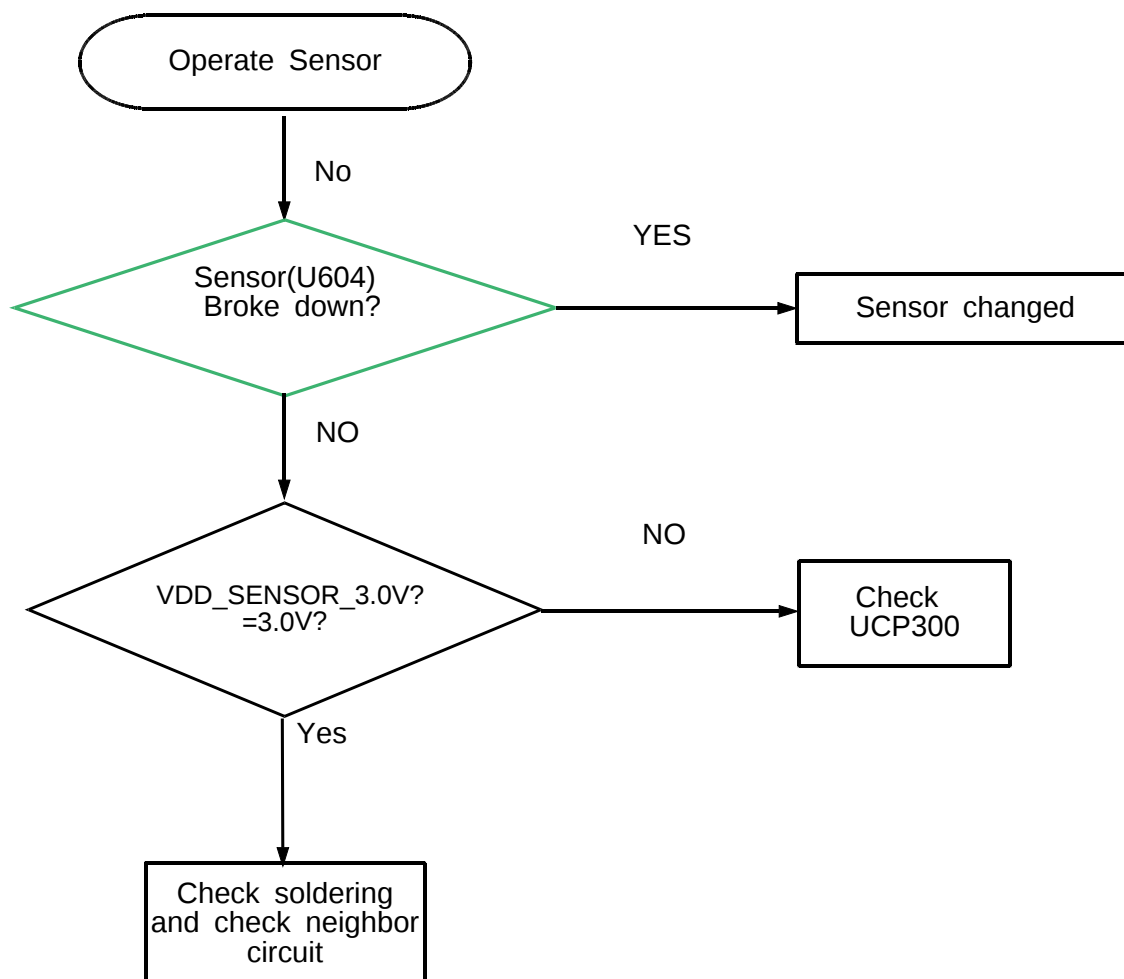
8-3-11 E-Compass sensor

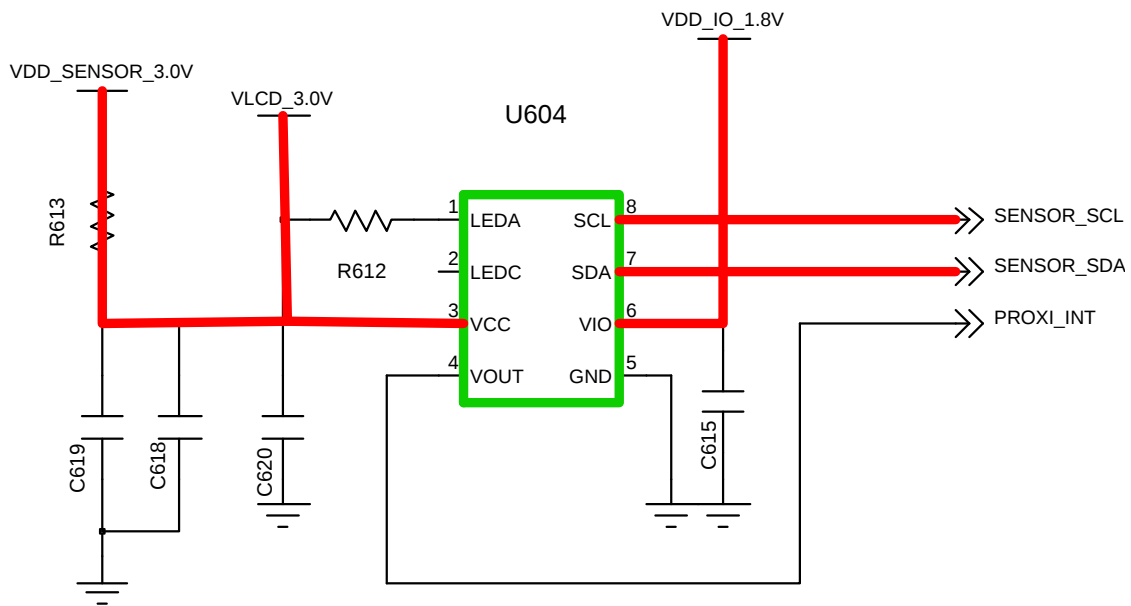
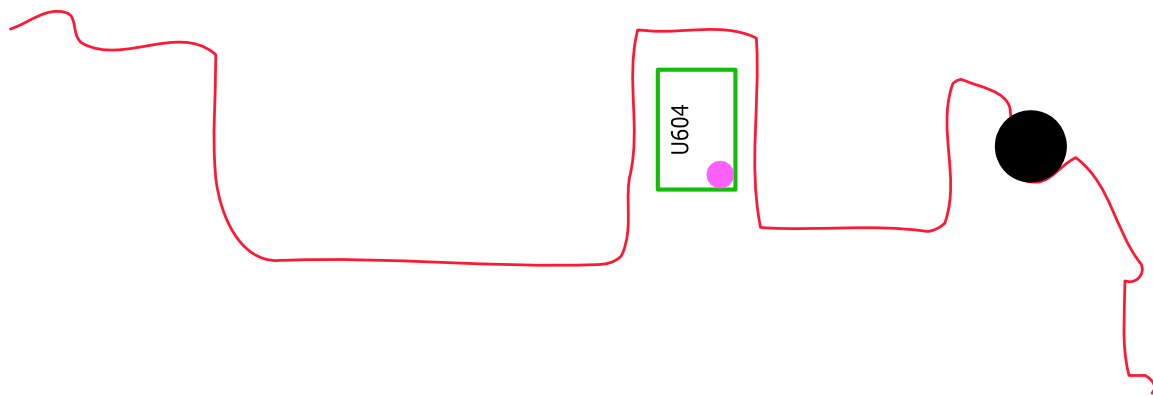




E-COMPASS SENSOR

8-3-12. PROXI sensor





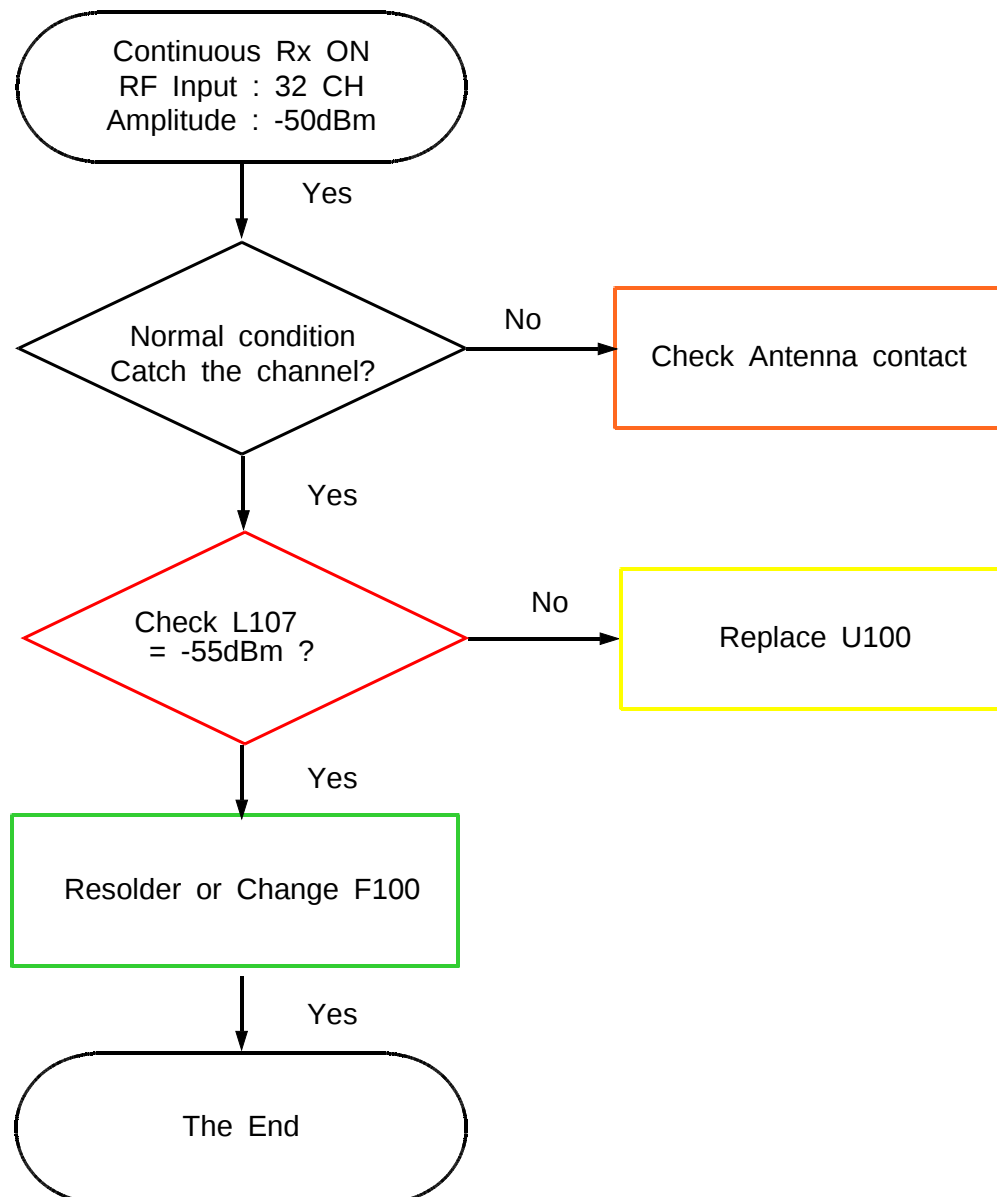
PROXI SENSOR

8.4 RF

8-4-1. GSM900 RX

**If you check the tx chain,

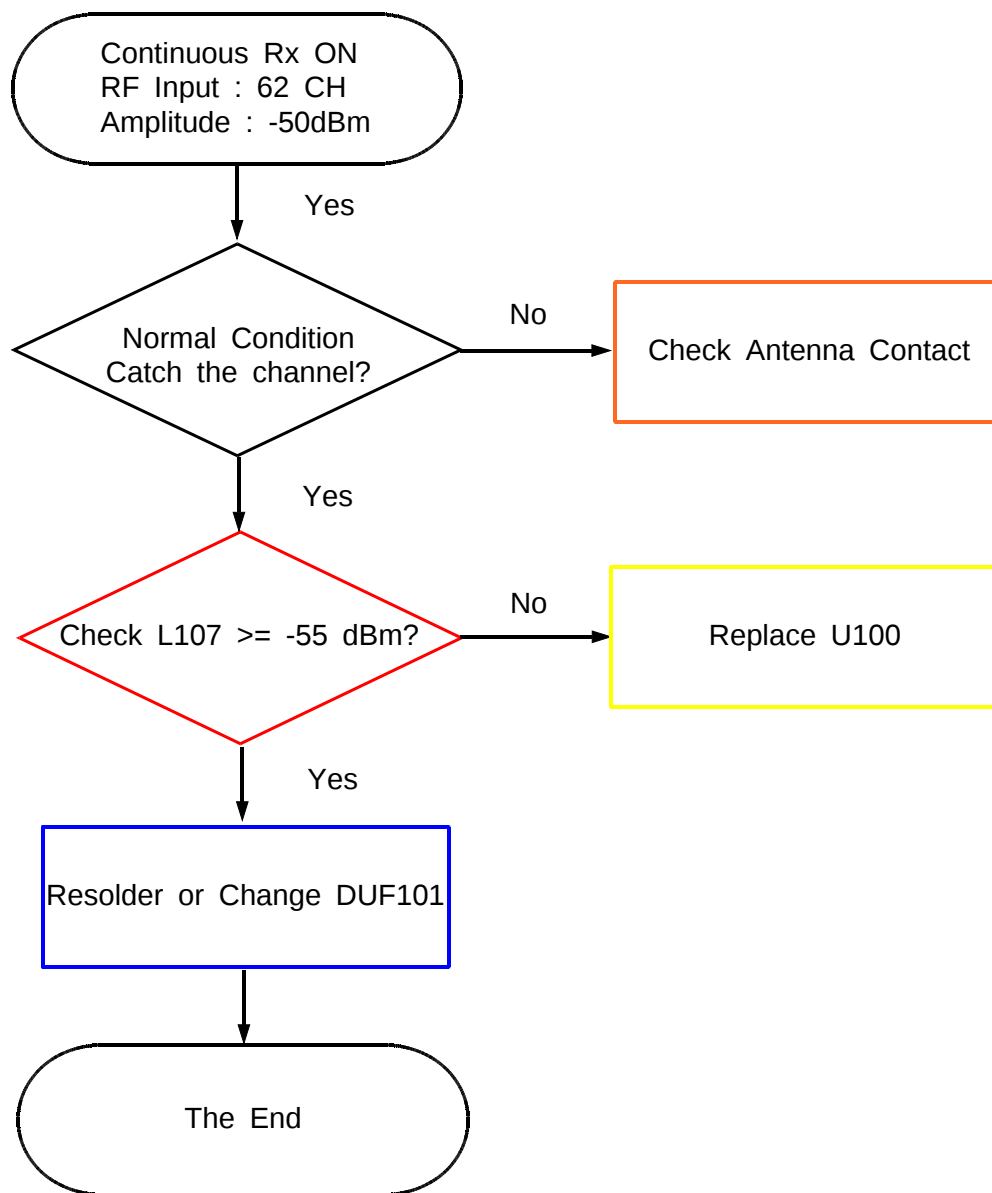
Check the not only RF Device but also resistor, inductor and capacitor.



8-4-2. GSM900 RX

**If you check the tx chain,

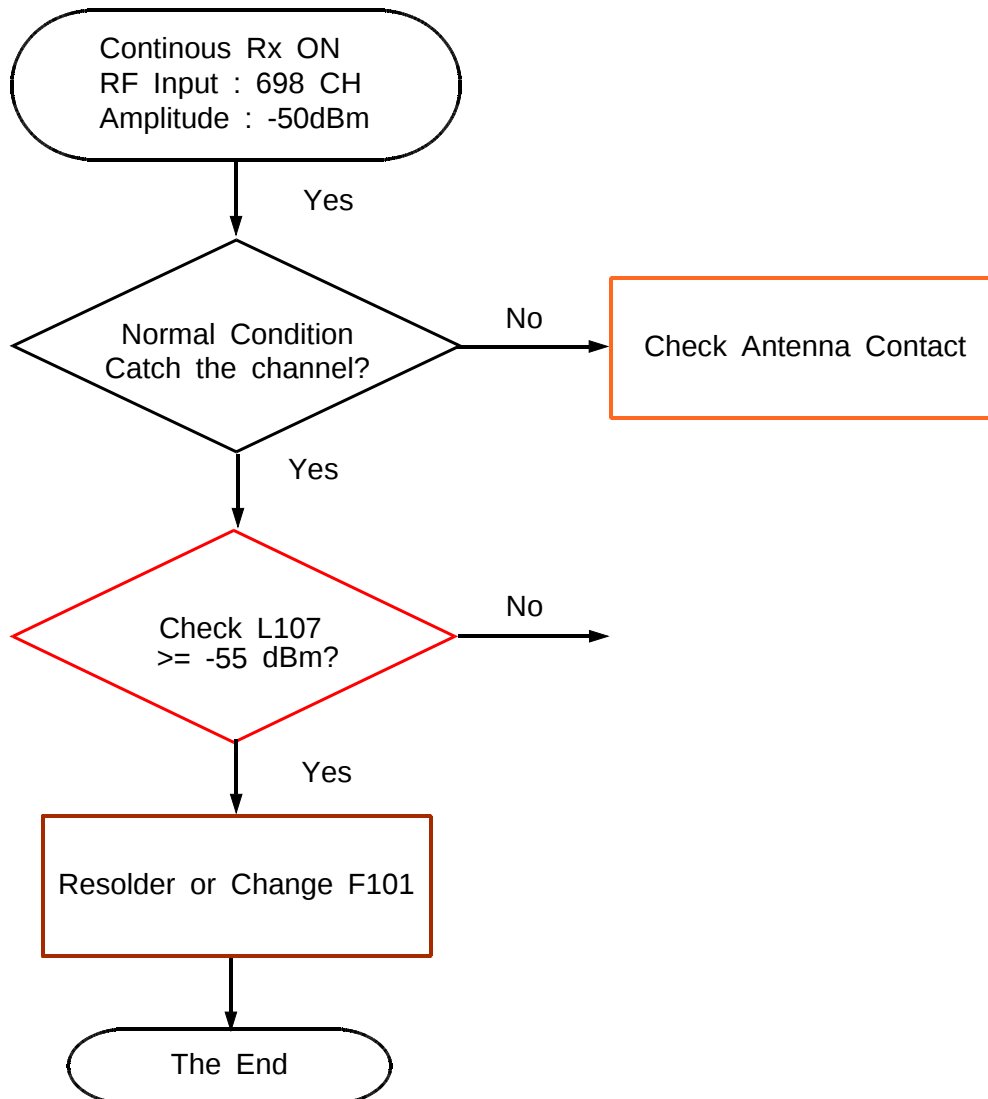
Check the not only RF Device but also resistor, inductor and capacitor.



8-4-3. DCS/PCS RX

**If you check the tx chain,

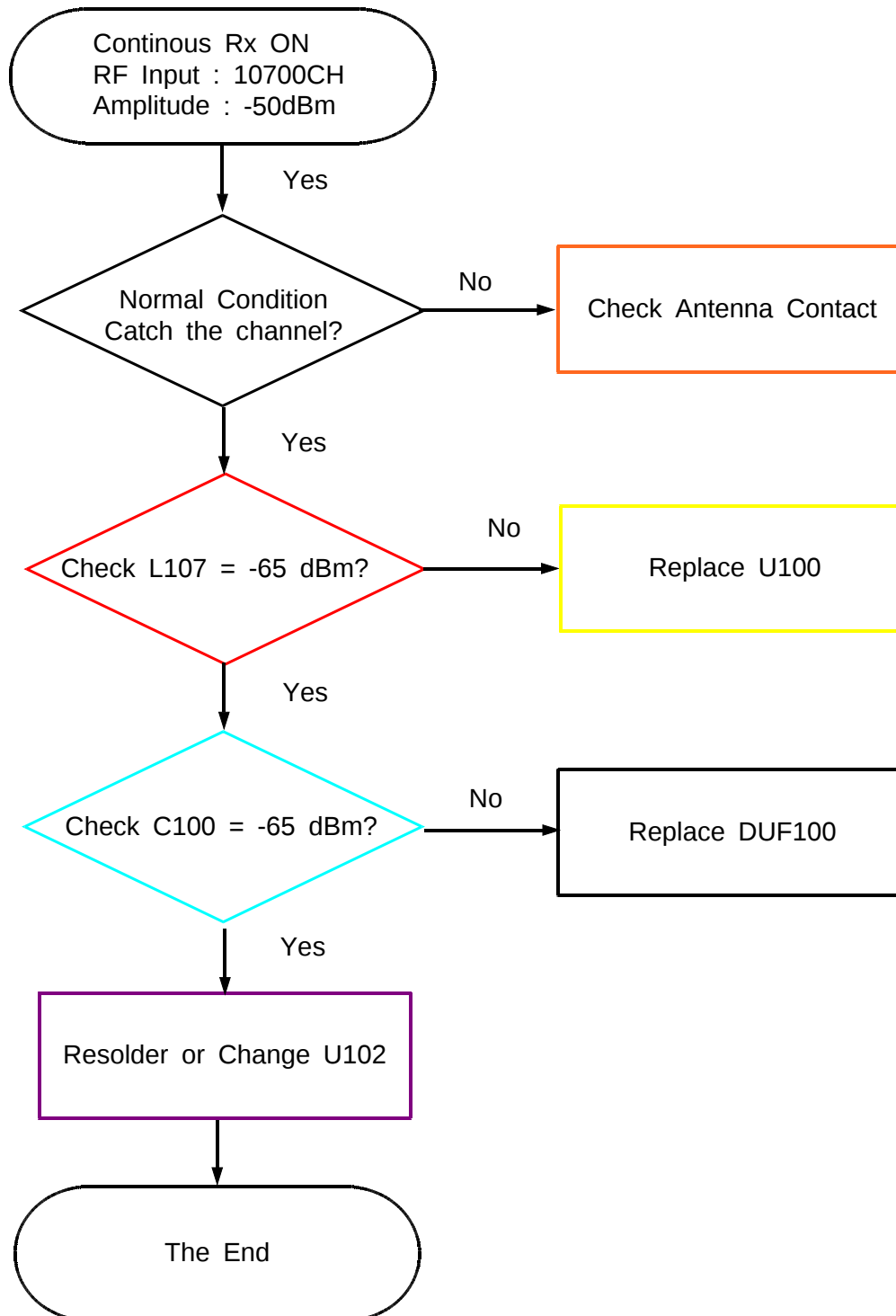
Check the not only RF Device but also resistor, inductor and capacitor.



8-4-4. WCDMA Band1 RX

**If you check the tx chain,

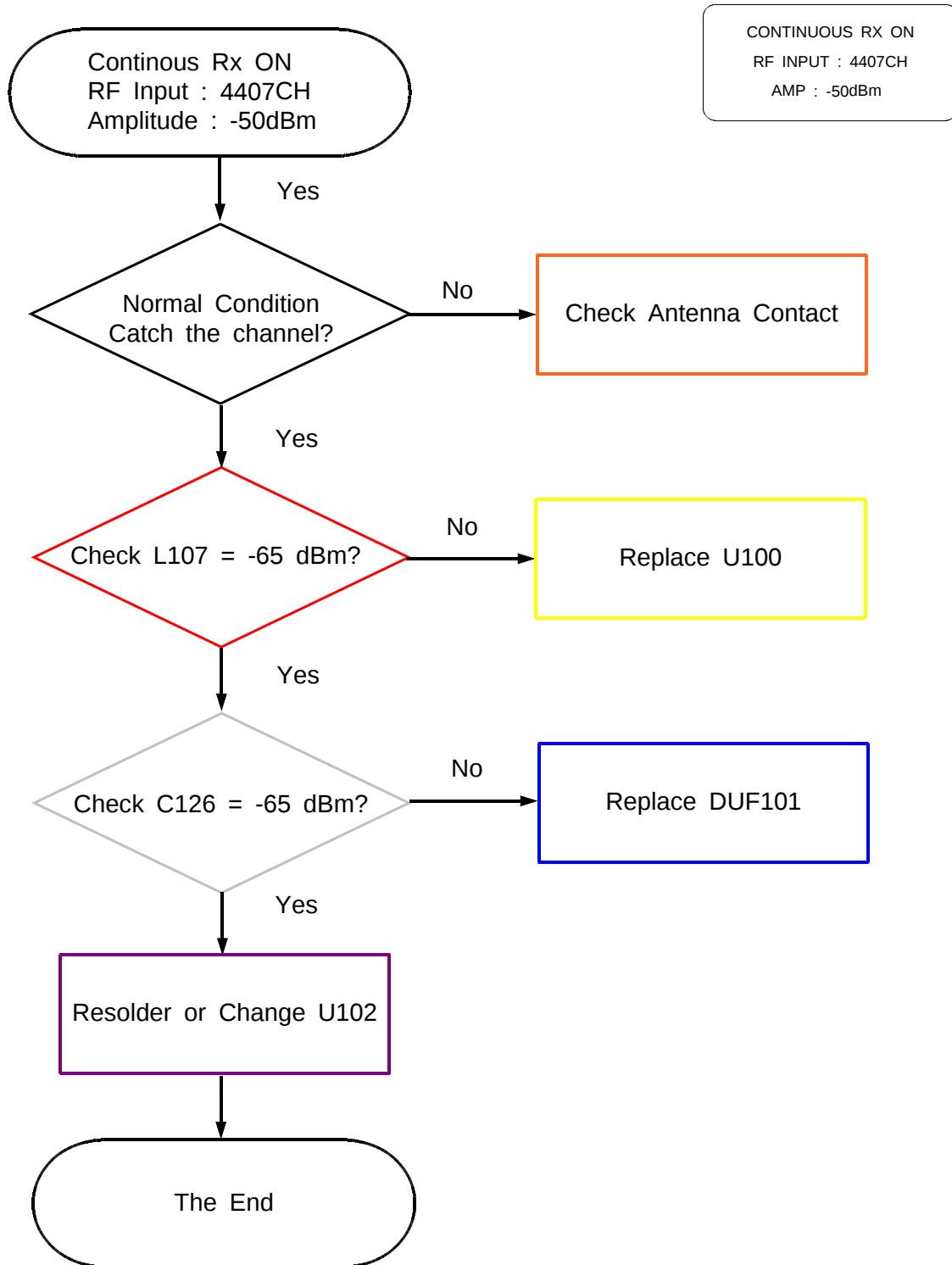
Check the not only RF Device but also resistor, inductor and capacitor.



8-4-5. WCDMA Band5 RX

**If you check the tx chain,

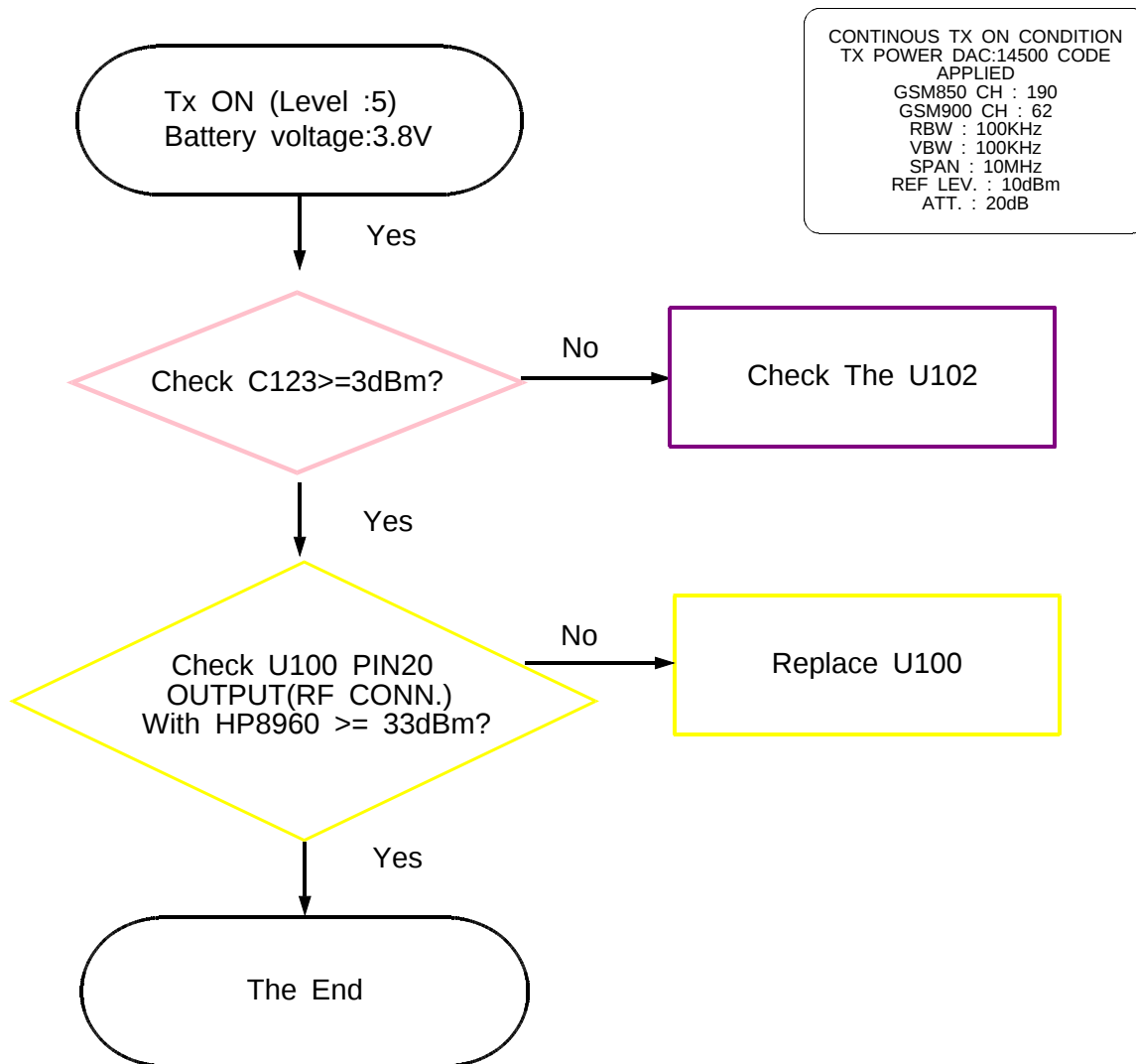
Check the not only RF Device but also resistor, inductor and capacitor.



8-4-6. GSM850/900 TX

**If you check the tx chain,

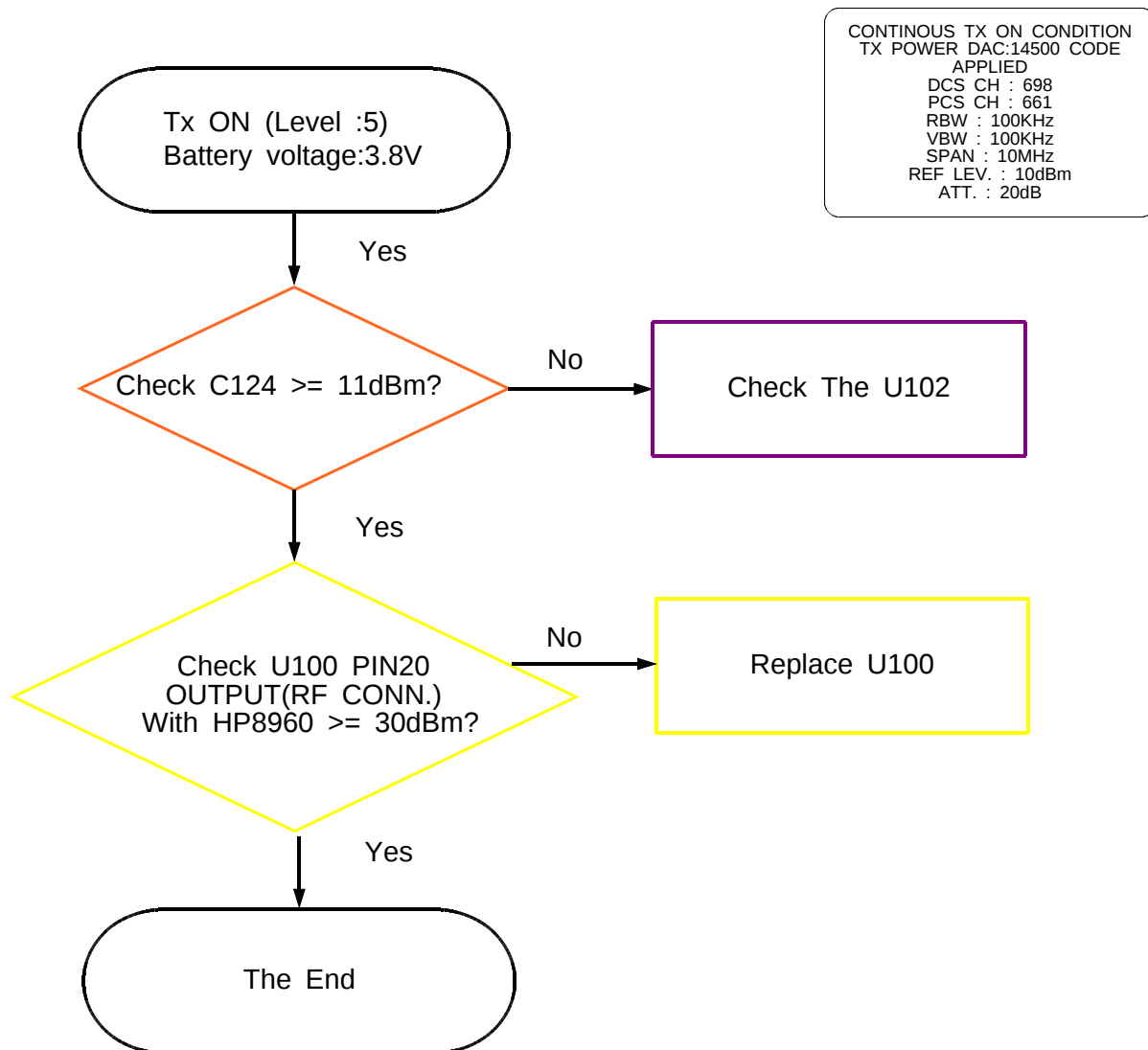
Check the not only RF Device but also resistor, inductor and capacitor.



8-4-7. DCS/PCS TX

**If you check the tx chain,

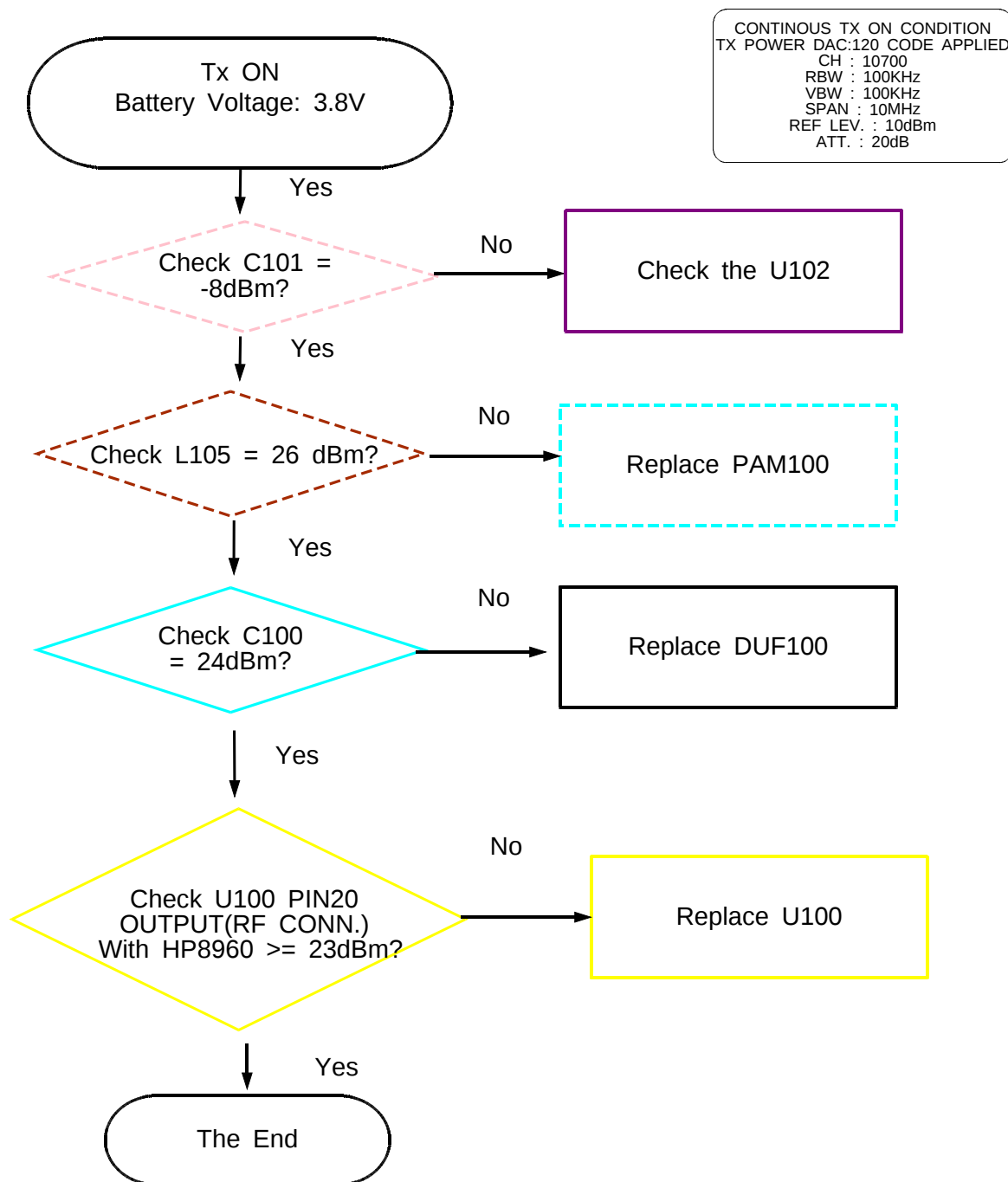
Check the not only RF Device but also resistor, inductor and capacitor.



8-4-8. WCDMA Band1 TX

**If you check the tx chain,

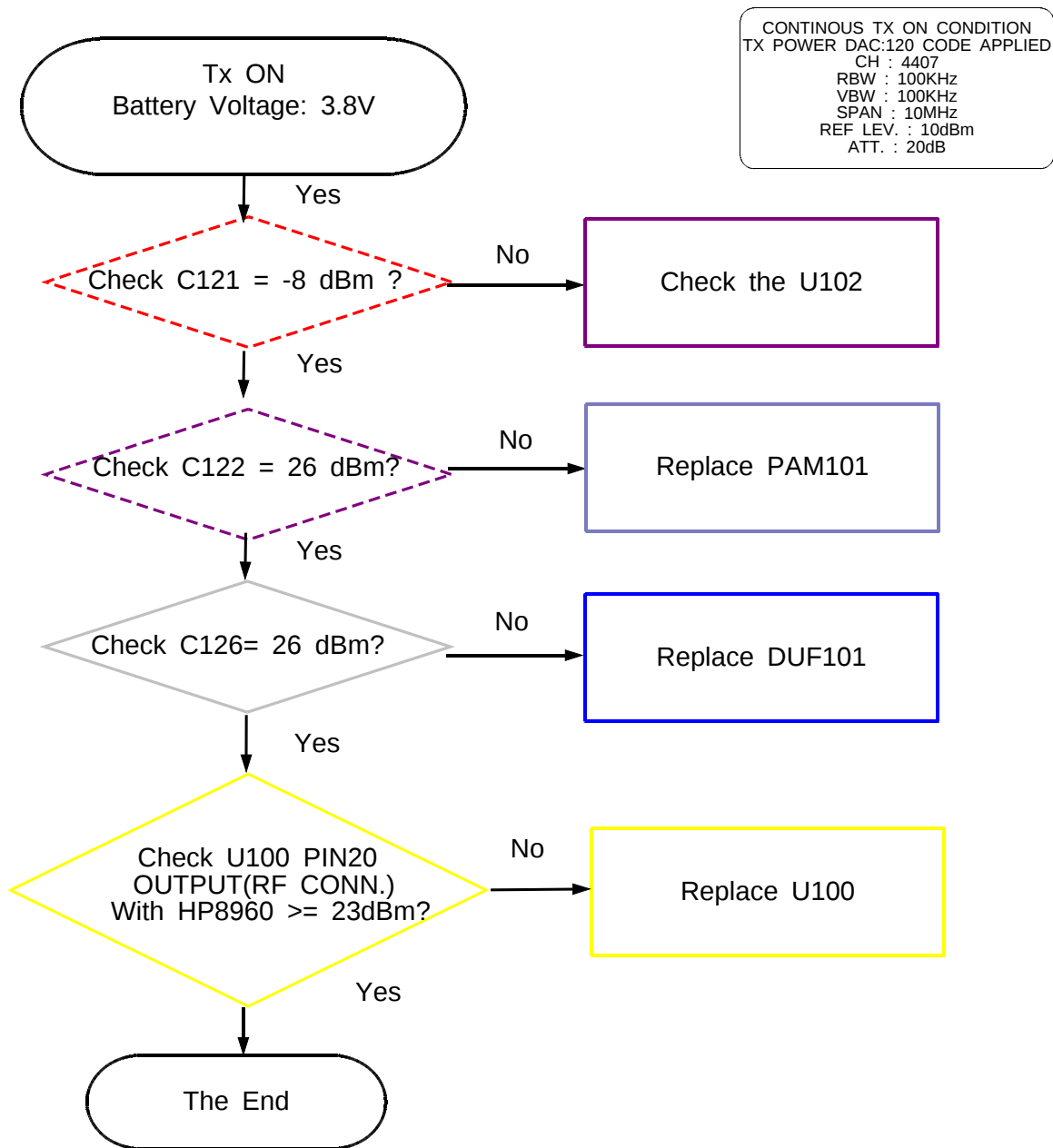
Check the not only RF Device but also resistor, inductor and capacitor.

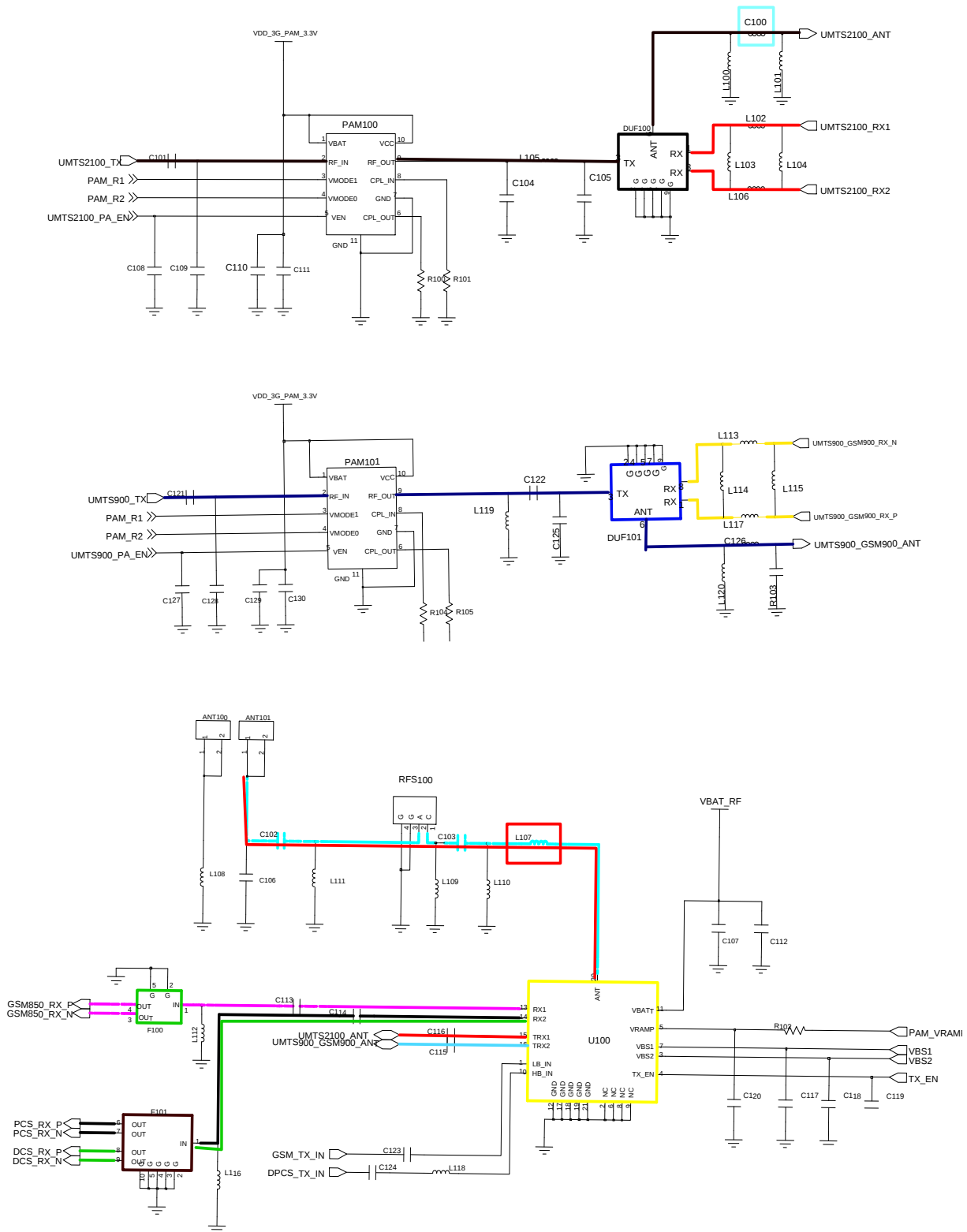


8-4-9. WCDMA Band5 TX

**If you check the tx chain,

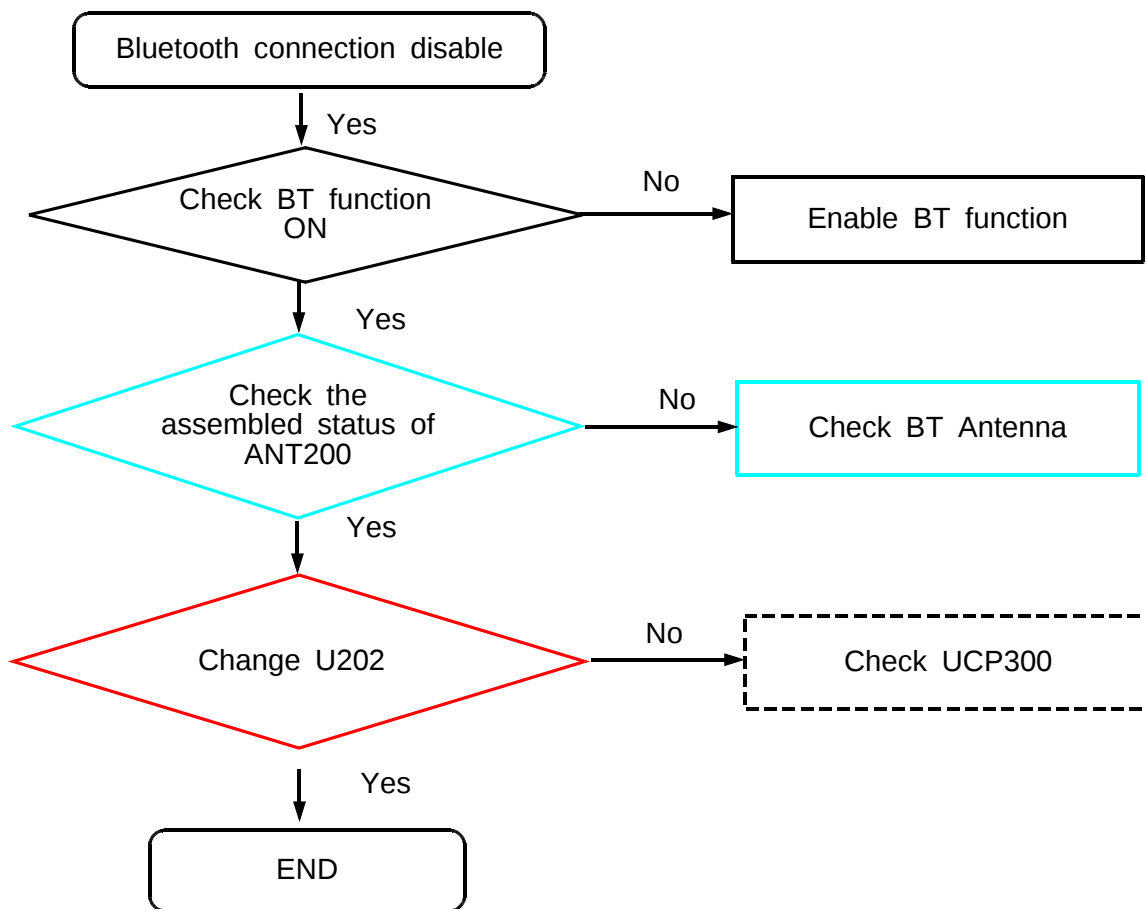
Check the not only RF Device but also resistor, inductor and capacitor.

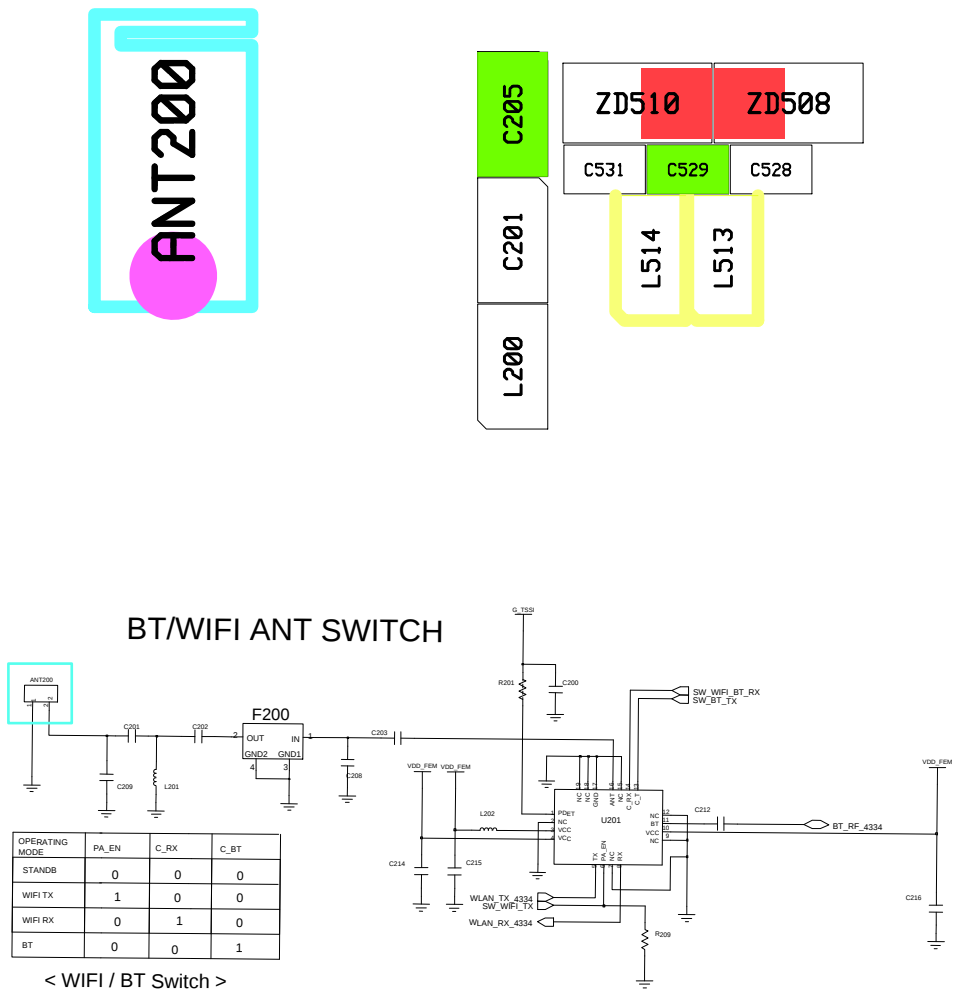




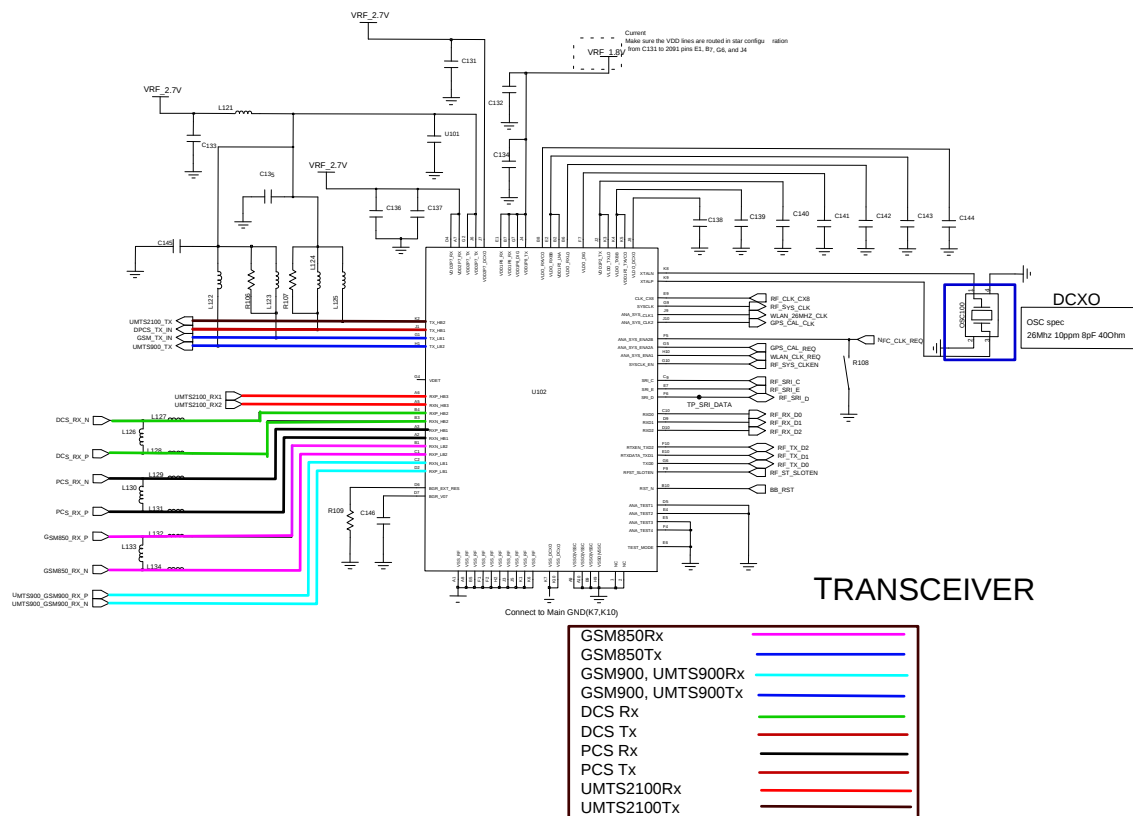


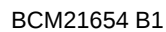
8-4-10. BLUETOOTH



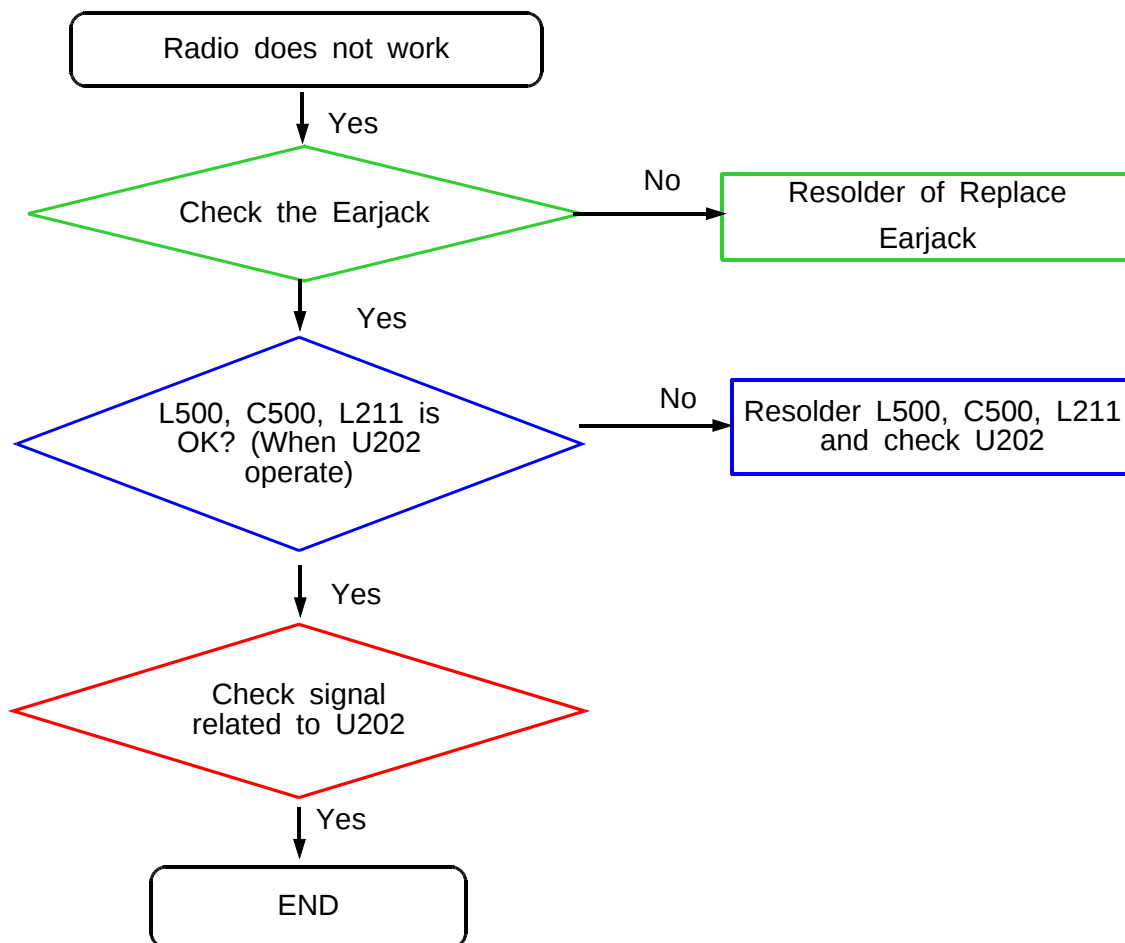


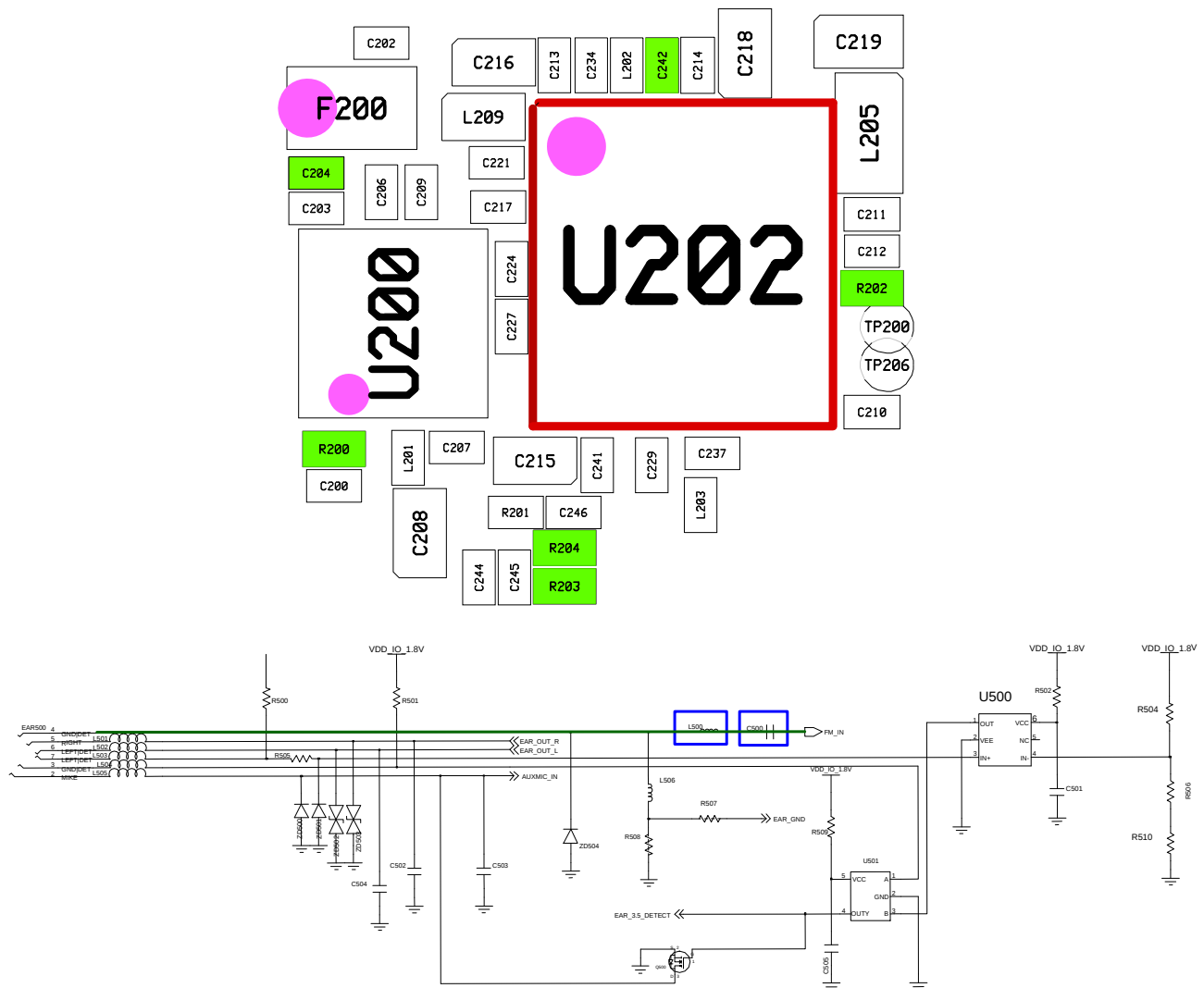




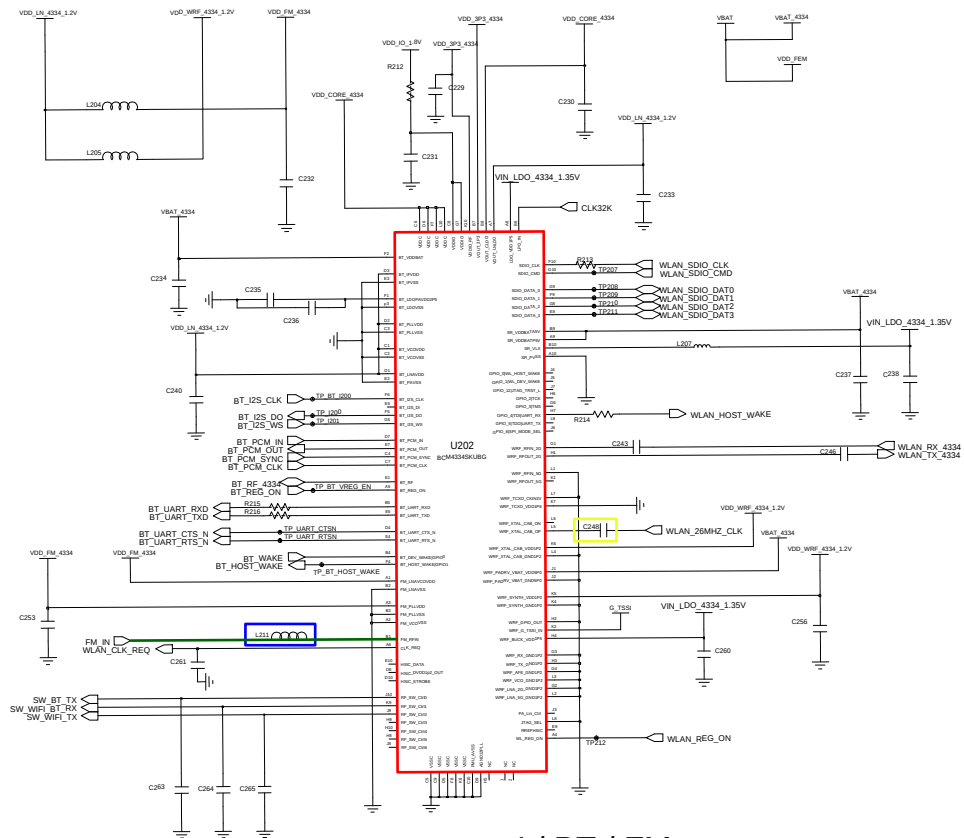


8-4-11. FM RADIO





3.5 PHI EARJACK



WIFI / BT / FM

● 8-5. Service Schematics

- NC Point(Top View)

● : NC

UME300

	1	2	3	4	5	6	7	8	9	10
A	○	○	○	○	○	○	○	○	○	○
B	○	○	○	○	○	○	○	○	○	○
C	○	●	○	●	○	●				
D	●	●	●	●	●	●				
E	○	●	●		○	○	●	●	●	○
F	○	○	●		○	○	○	●	○	○
G	○	○	○		○	●	●	●	●	○
H	●	○	○		●	●	●	○	○	○
J	●	○	○		○	○	○	○	○	○
K	○	○	○		○	○	○	○	○	○
L	●	○	○		○	○				
M	●	●	○		○	○	○	○	○	
N	○	●	●		○	○				
P	○	●	●		○	○	○	○	○	○
R	○	○	○		○	○	○	○	○	○
T	●	●	○		●	●	●	○	○	○
U	○	○	○		○	●	●	●	●	○
V	○	○	●		○	○	○	●	○	○
W	○	●	●		○	○	●	●	●	○
Y	○	○							○	○

UCP300

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
A	O	O	O	O	O	O	O	O	O		O		O	O	O	O	O	O	O	●	●	A
B	O	O	O	O	O	O		O	O	O	O	O	O	O	O	O	O	O	O		●	B
C	O	O	O	O		O	O	O		O	O	O	O	O	O	O		O	O	O	O	C
D	O		O	O	O		O	O	O	O	O	O	O		O			O	O	O	O	D
E	O		O	O	O	O	O	O	O	O	O		O	O							O	E
F	O		O	O	O													O	O	O	O	F
G	O		O	O	O		O	O	O	O	O	O	O	O	O			O	O	O	O	G
H	O	O	O	O	O		O	O	O	O	O	O	O	O	O		O	O	O	O	O	H
J			O	O	O		O	O						O			O	O	O	O	O	J
K	O	O	O	O	O		O	O	O	O	O	O	O	O	O		O	O	O	●	O	K
L	O	O	O	O	O		O	O	O	O	O	O	O		O			O	O	O	O	L
M	O	O	O	O	O		O	O	O	O	O	O	O	O		O	O	O	O	O	O	M
N	O	O	O	O	O		O	O	O	O	O	O		O		O	O	O	O	O	O	N
P	O	O	O	O			O	O	O	O	O	O	O	O	O			O	O	O	O	P
R	O	O	O	O	O		O		O	O	O	O	O	O	O			O	O	O	O	R
T	O		O	O	O													O	O	O	O	T
U	O	O	O	O	O	O	O	O									O	O	O	O	O	U
V	O	O	O		O	O	O		O		O	O	O	O	O	O	O	O	O	O	O	V
W	O	O	O	O	O	●			O	O	O	O	O	O	O	O	O	O	O	O		W
Y	O	O	O	O		●	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	Y
AA	O	O		O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	AA
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	