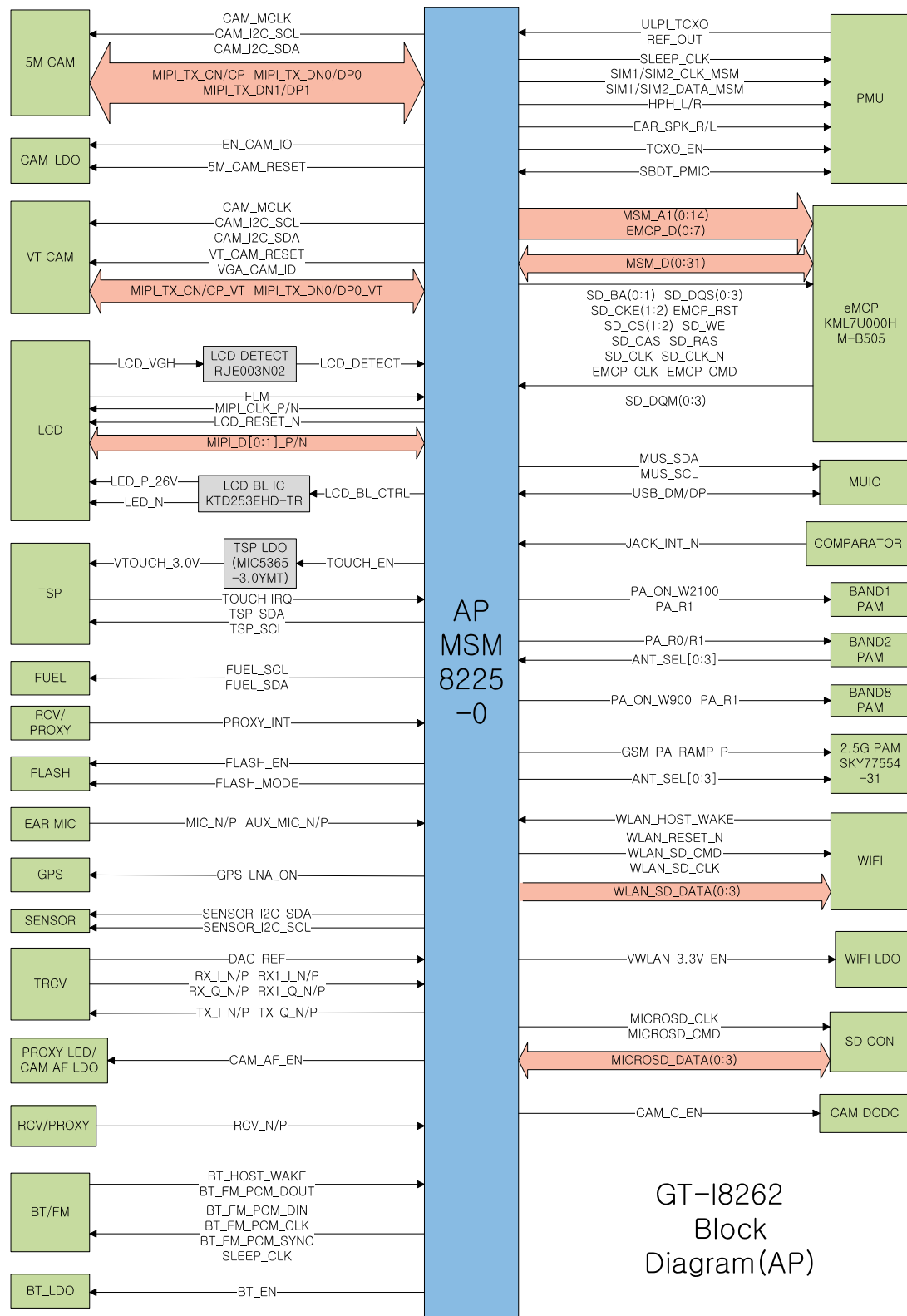


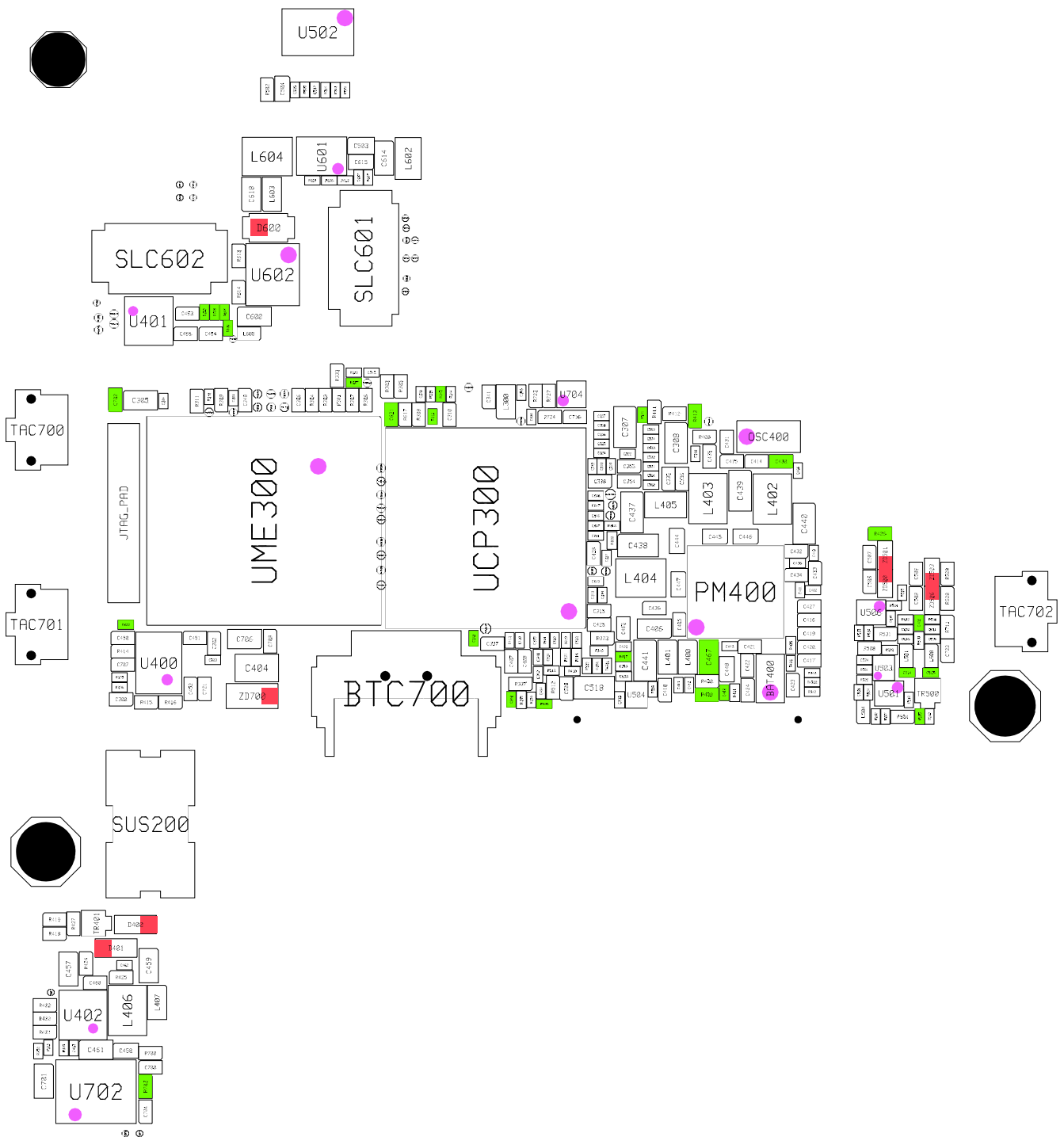
8. Level 3 Repair

8-1. Block Diagram



8-2. PCB Diagrams

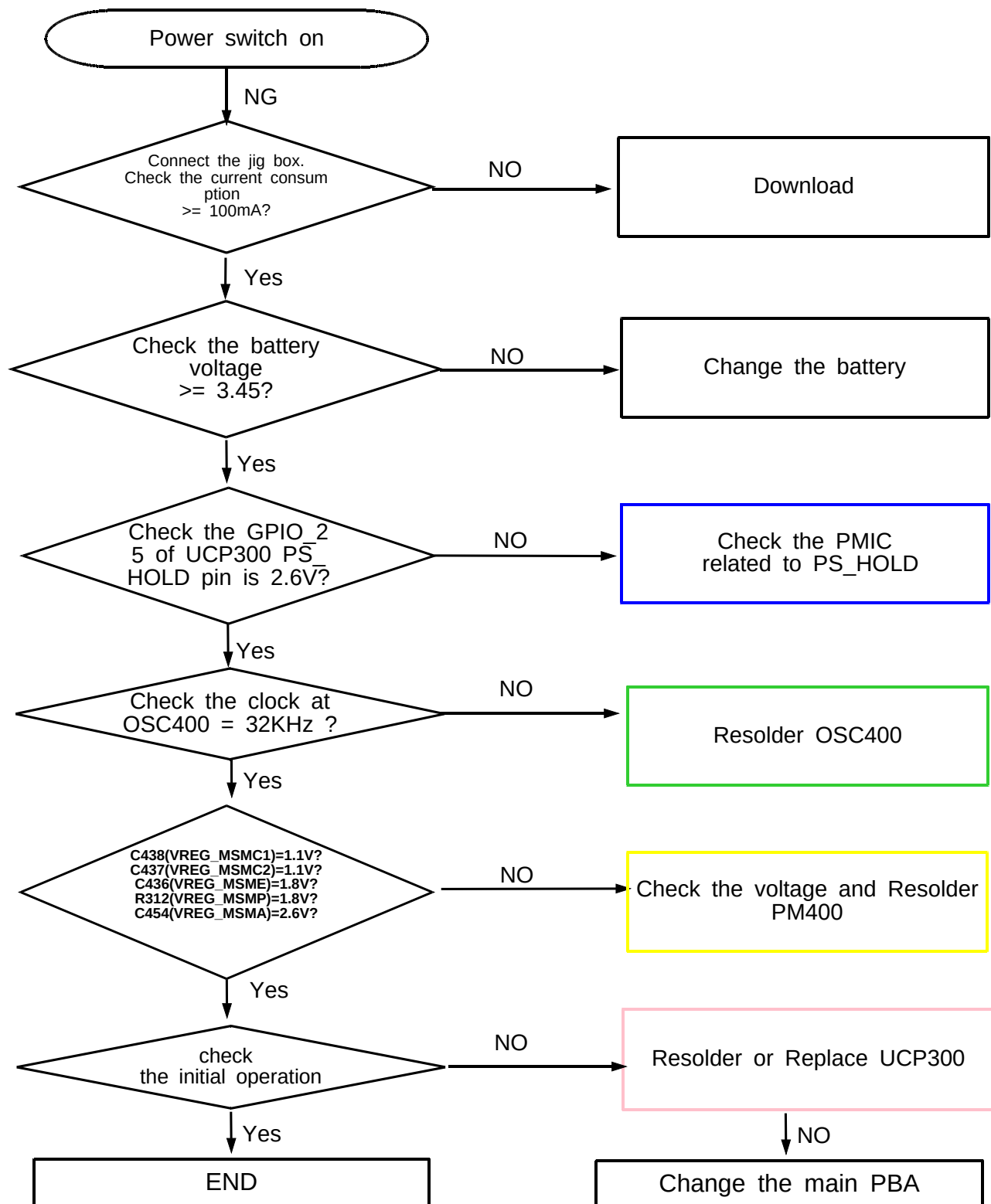
8-2-1. Top

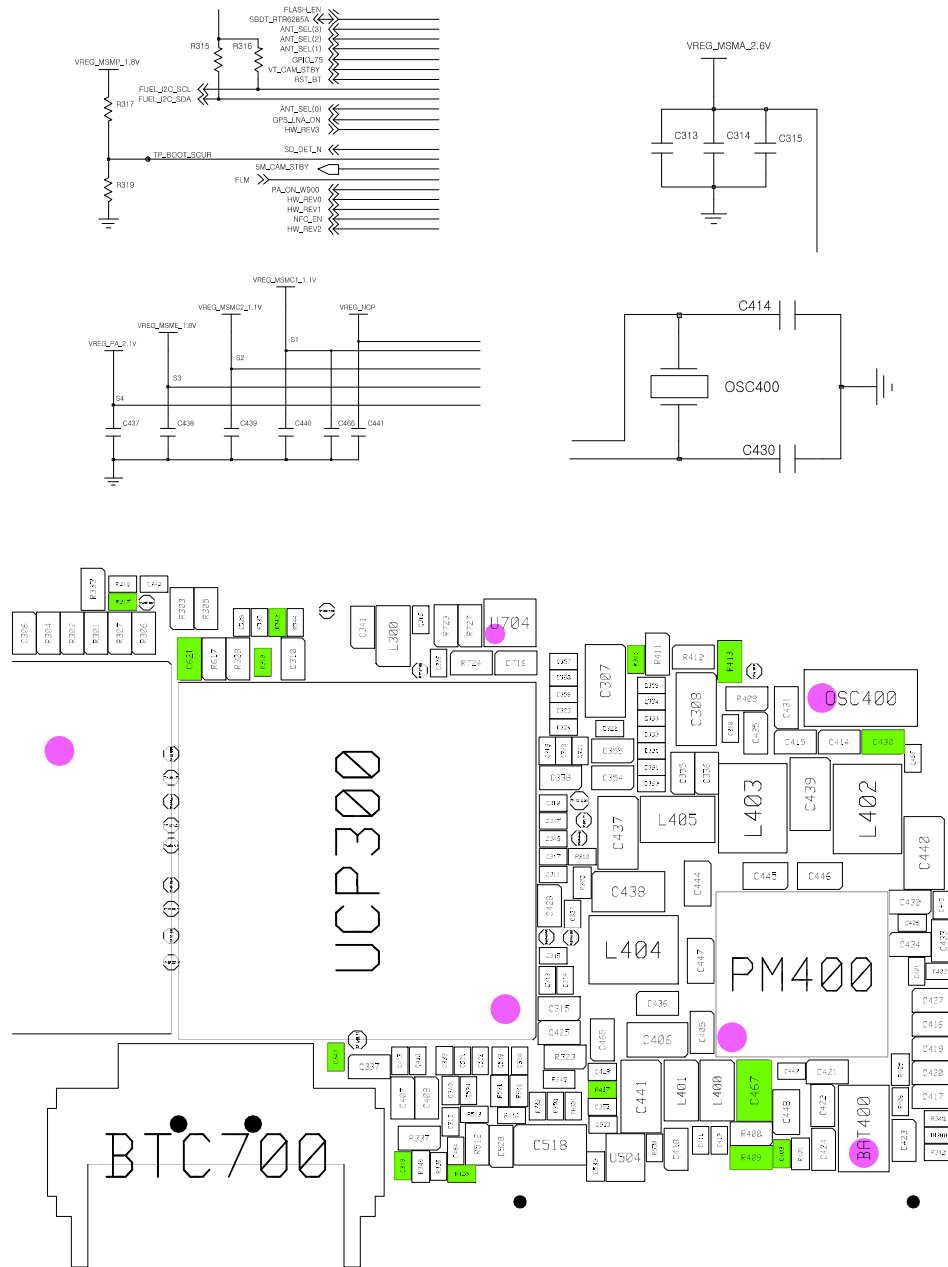




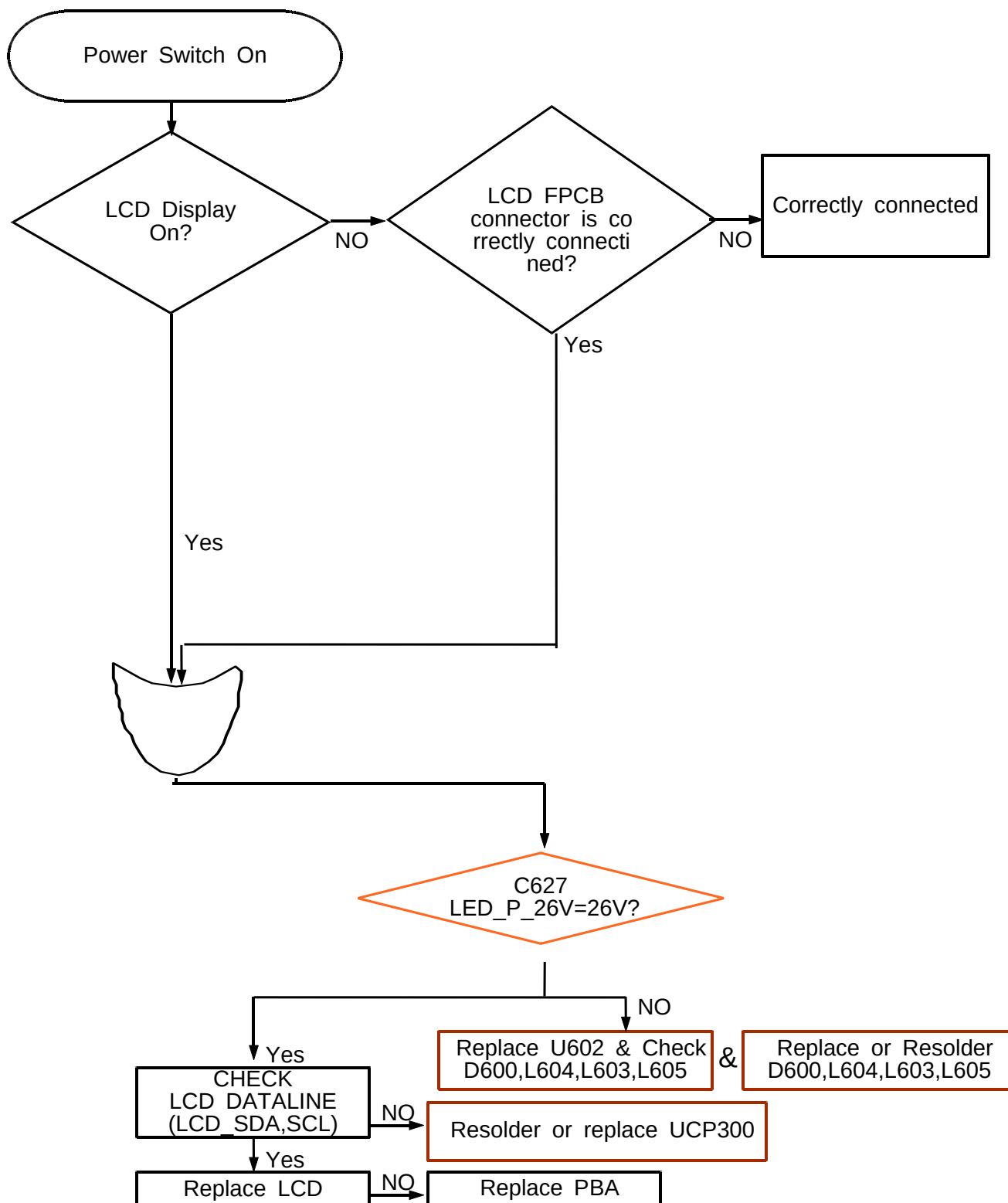
8-3. LOGIC

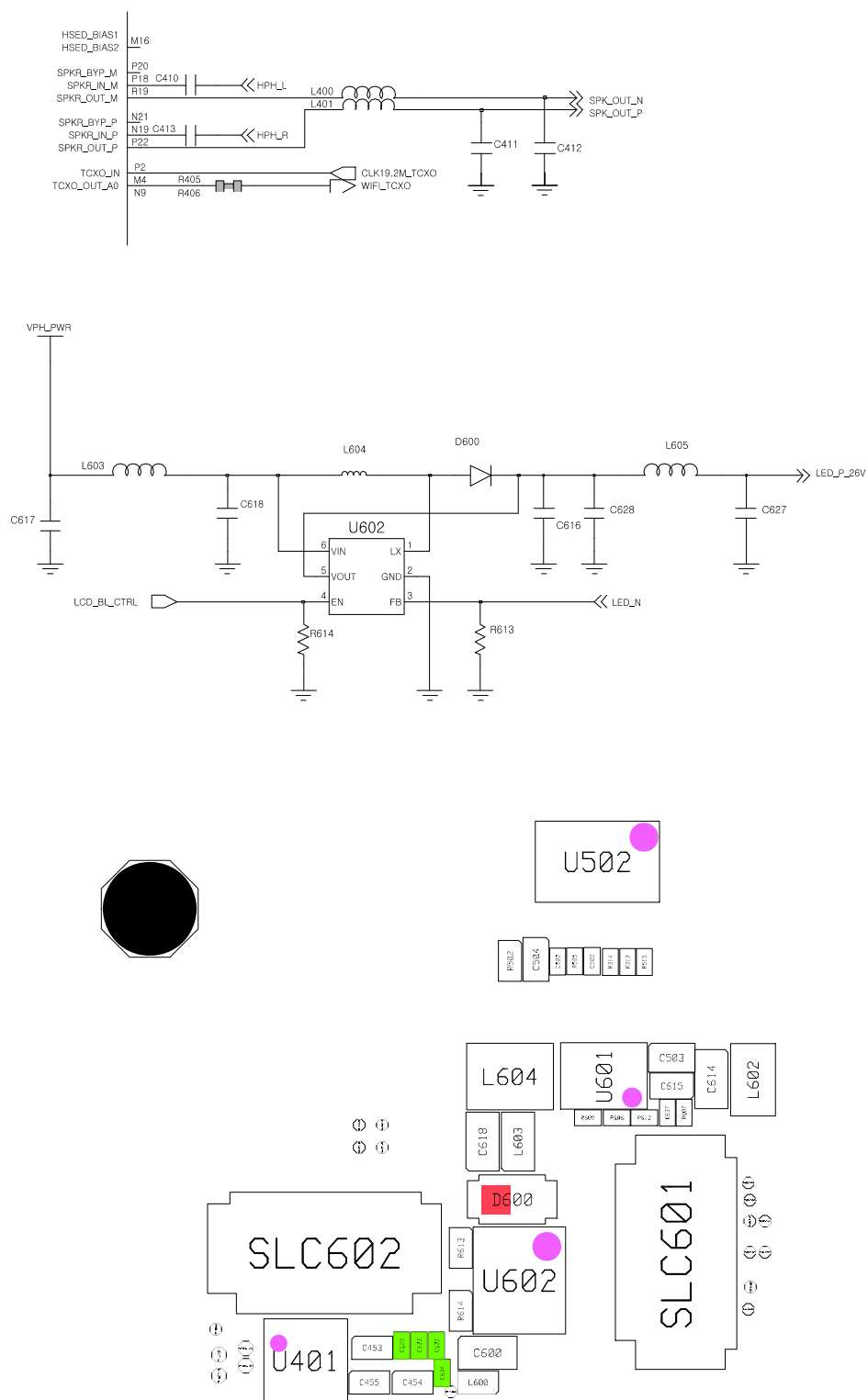
8-3-1. Power On



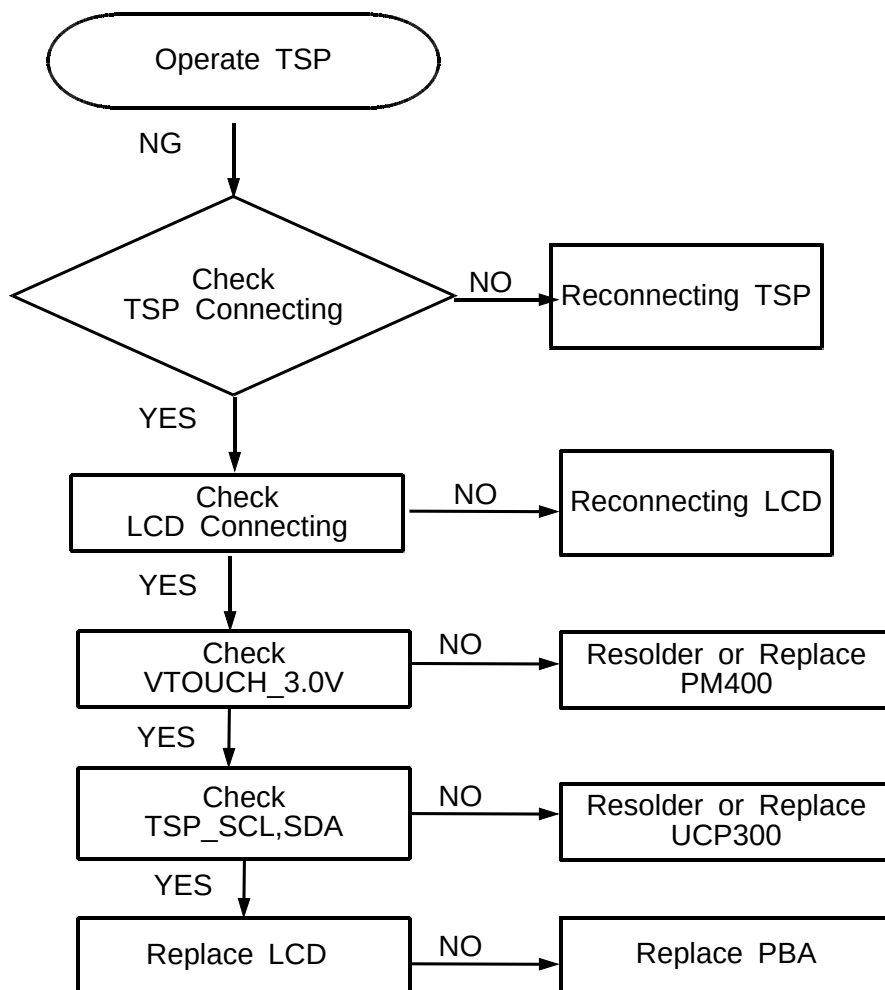


8-3-2. LCD Working



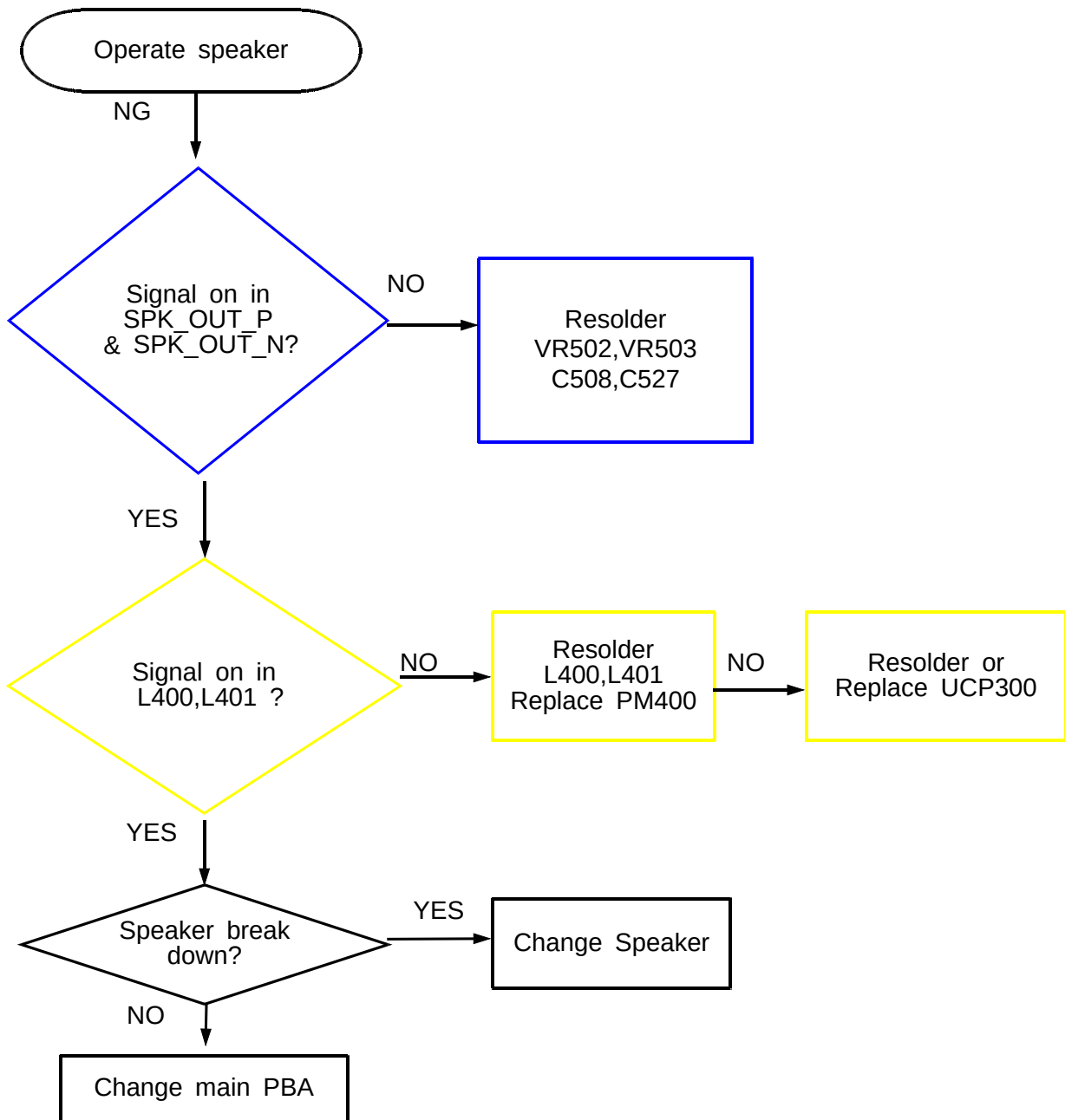


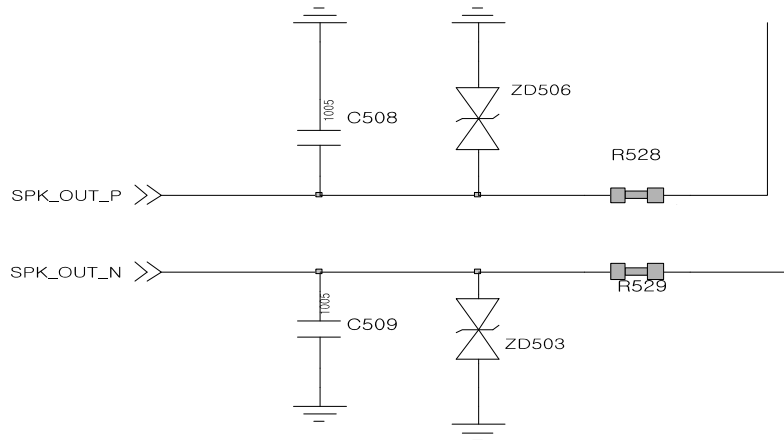
8-3-3. TSP



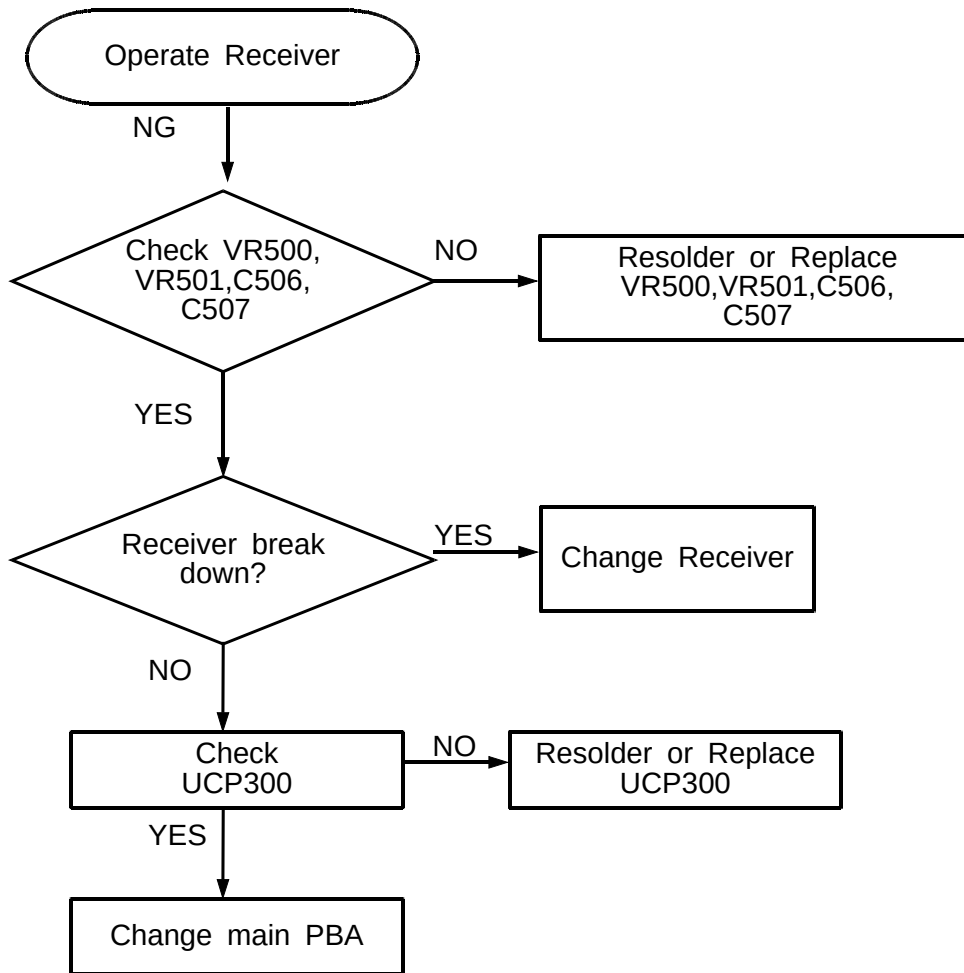
8-3-4. Audio Working

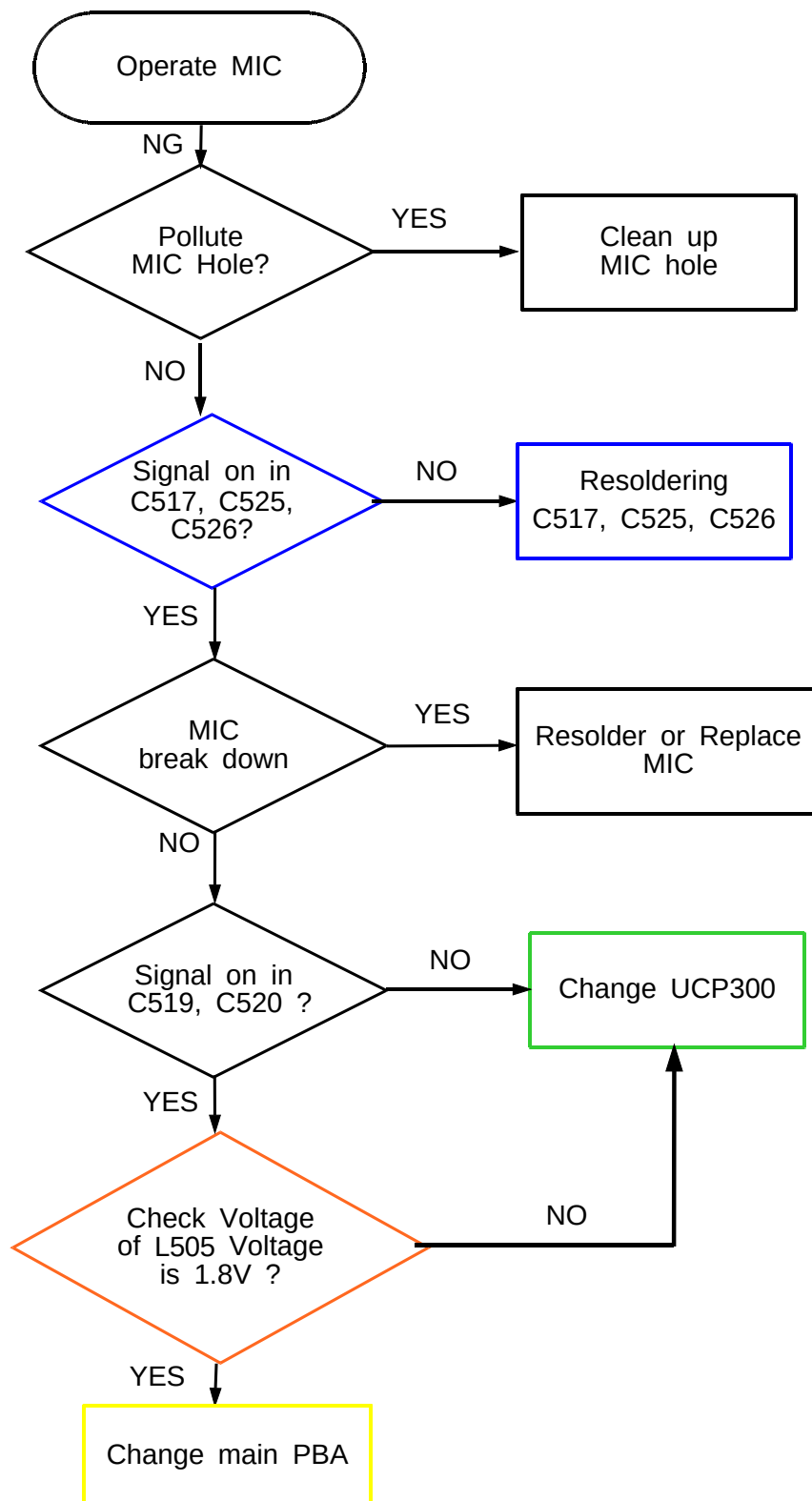
- Speaker Working

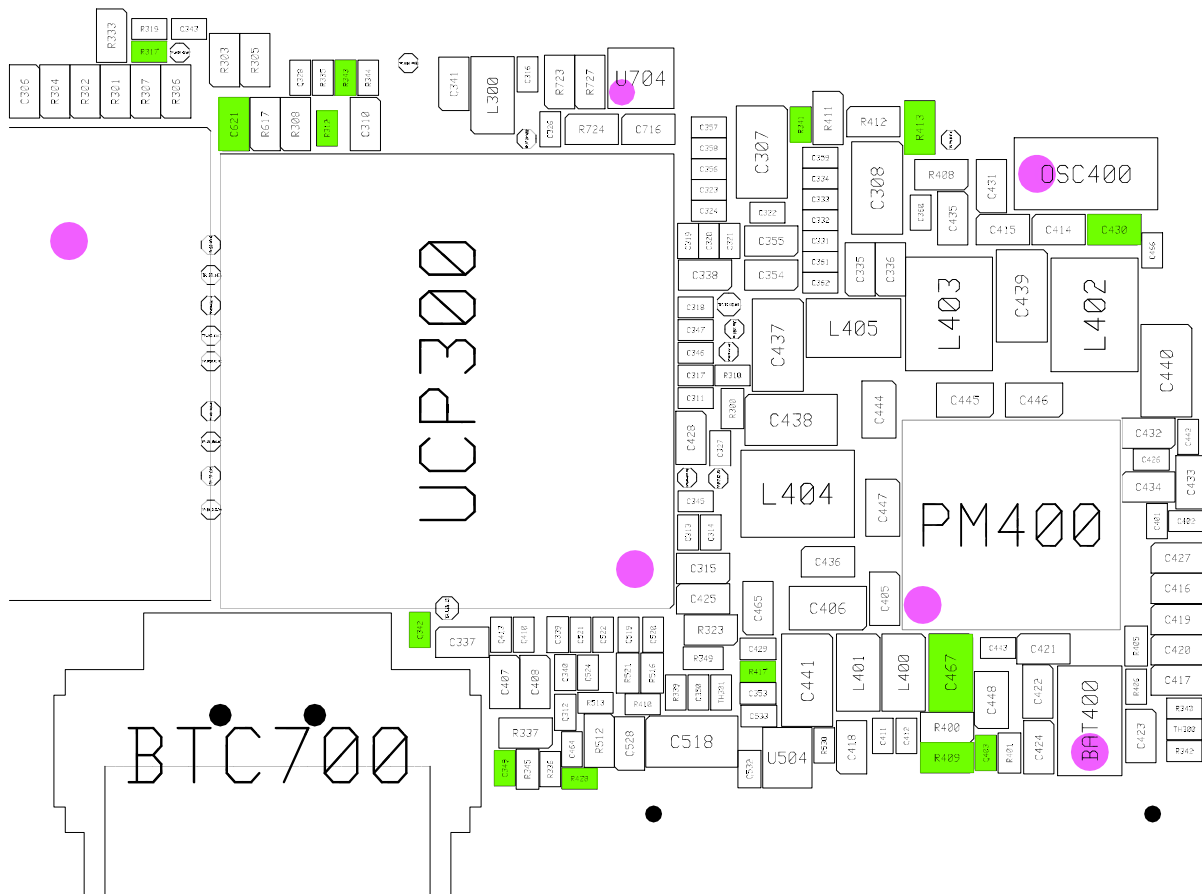
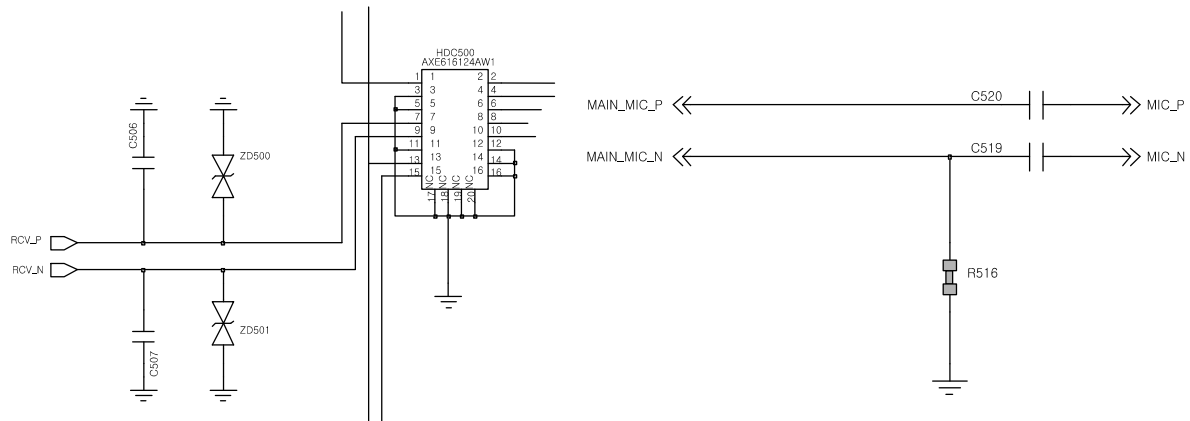




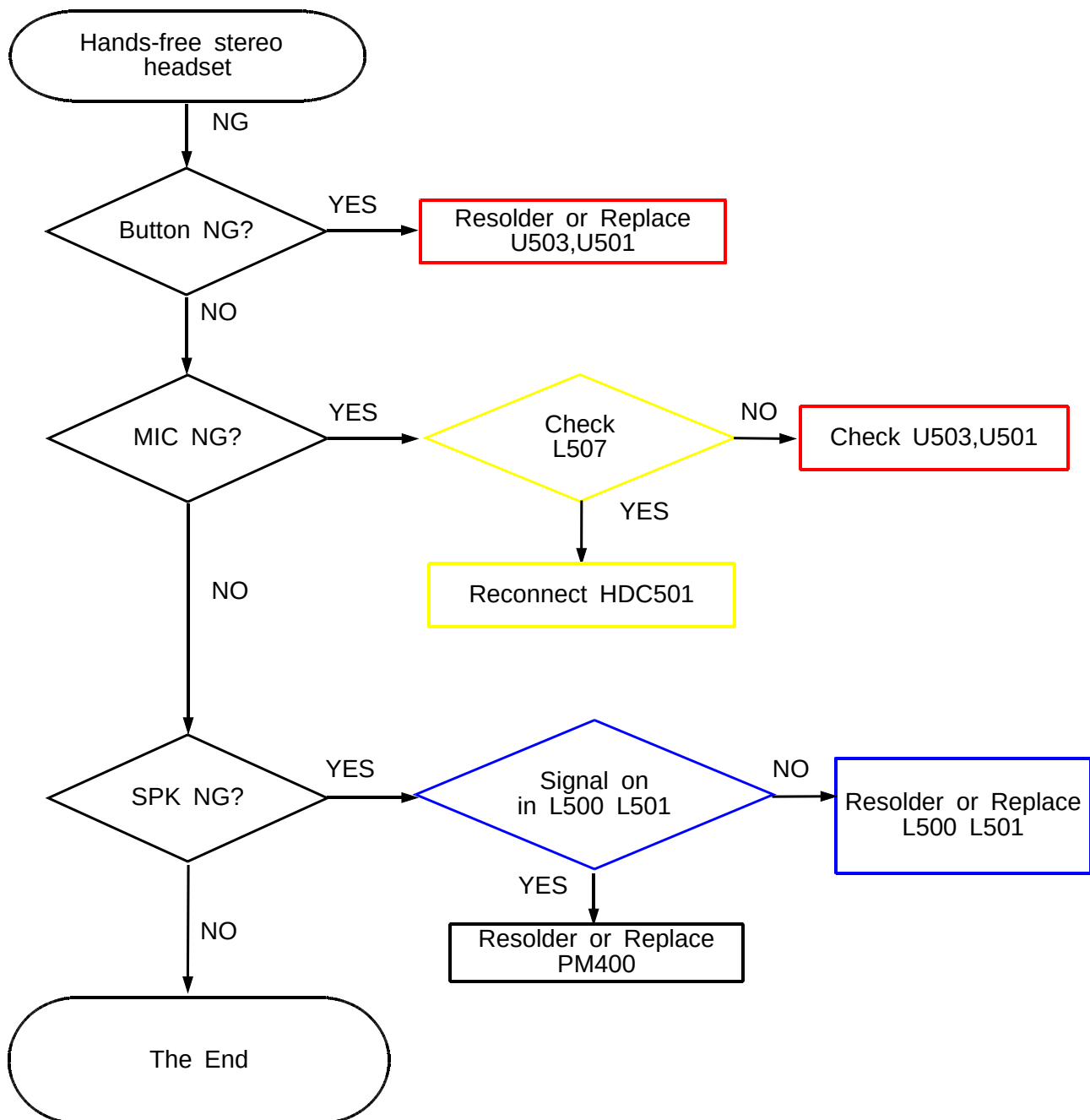
- Receiver Working



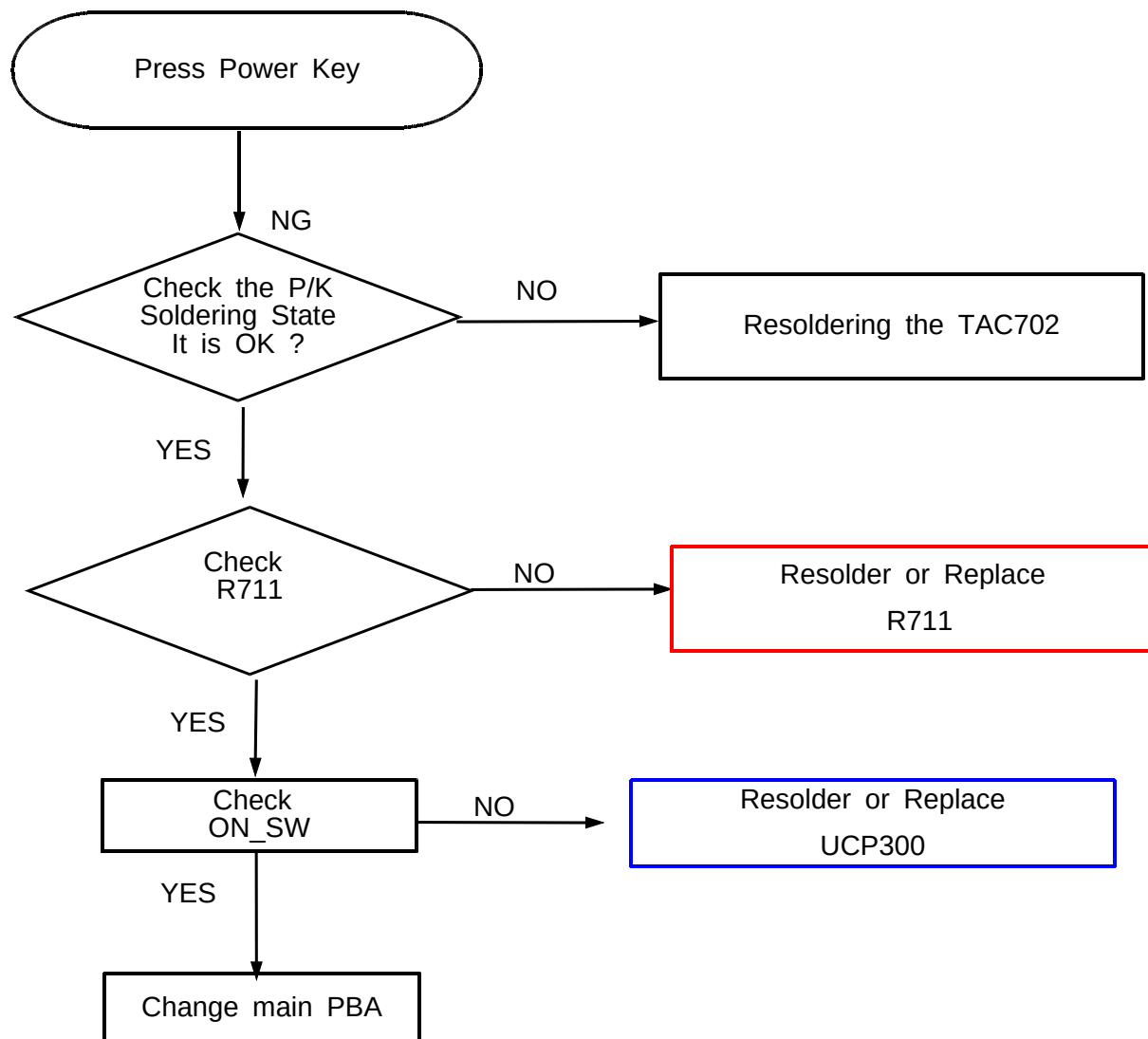
● MIC Working



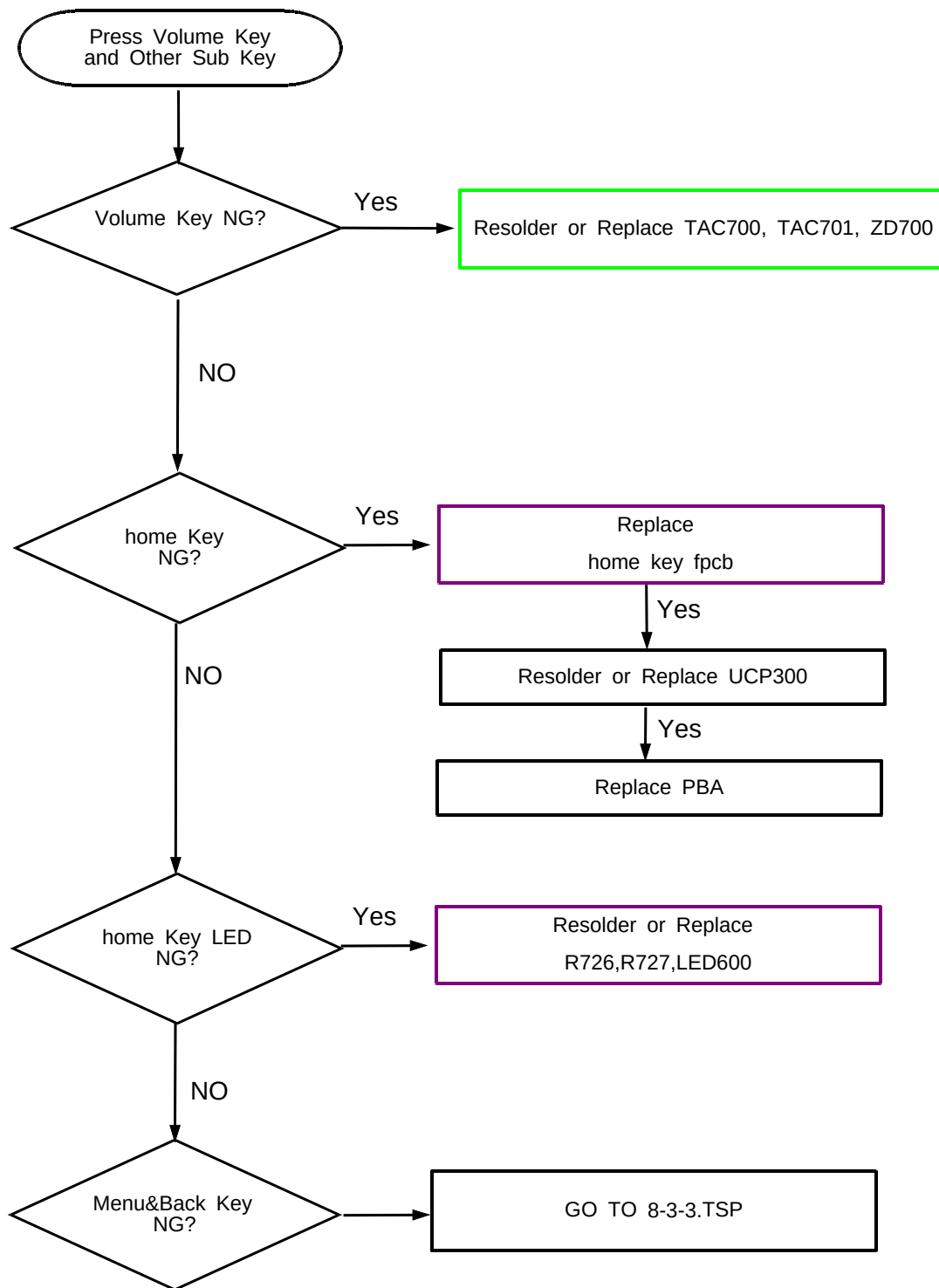
■ Stereo Headset Working

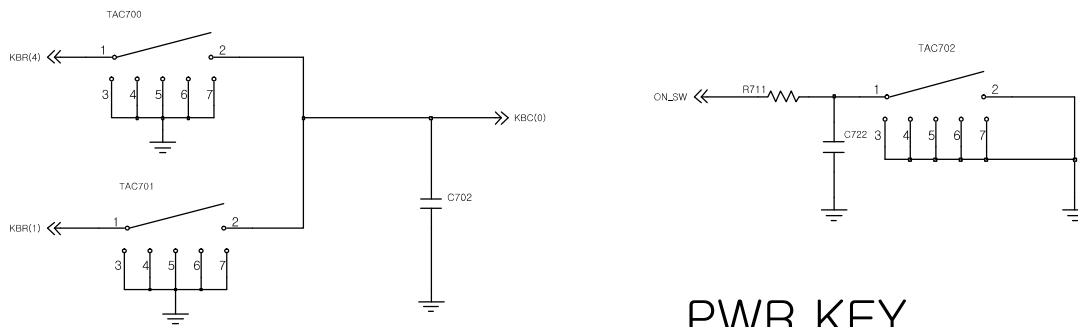


8-3-5. KEY Working

● Power KEY

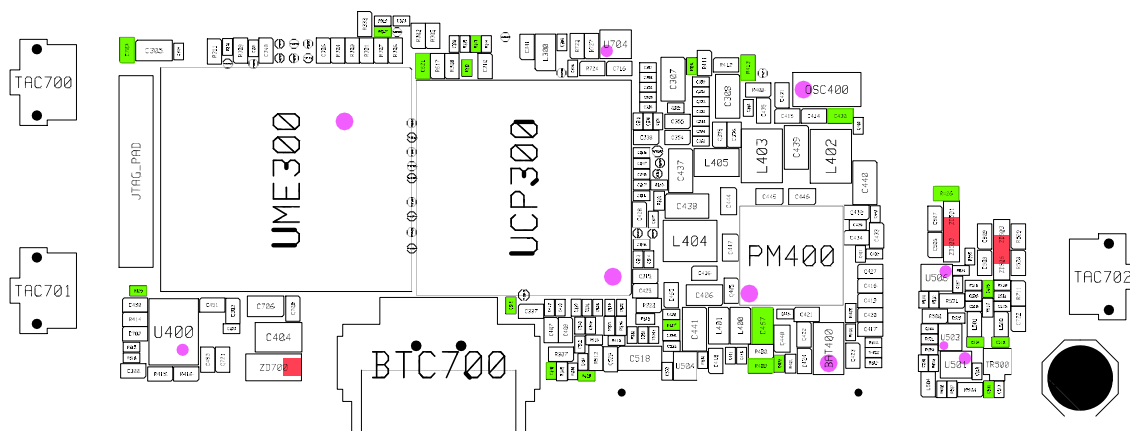
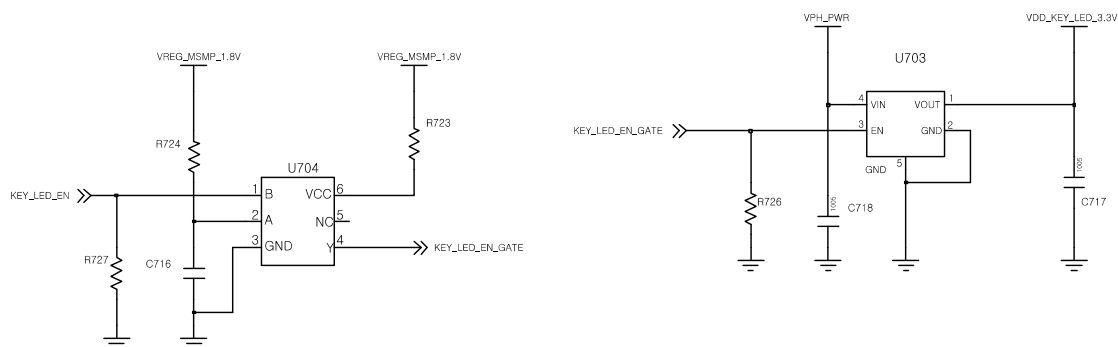
- Volume Key and Oter Sub key



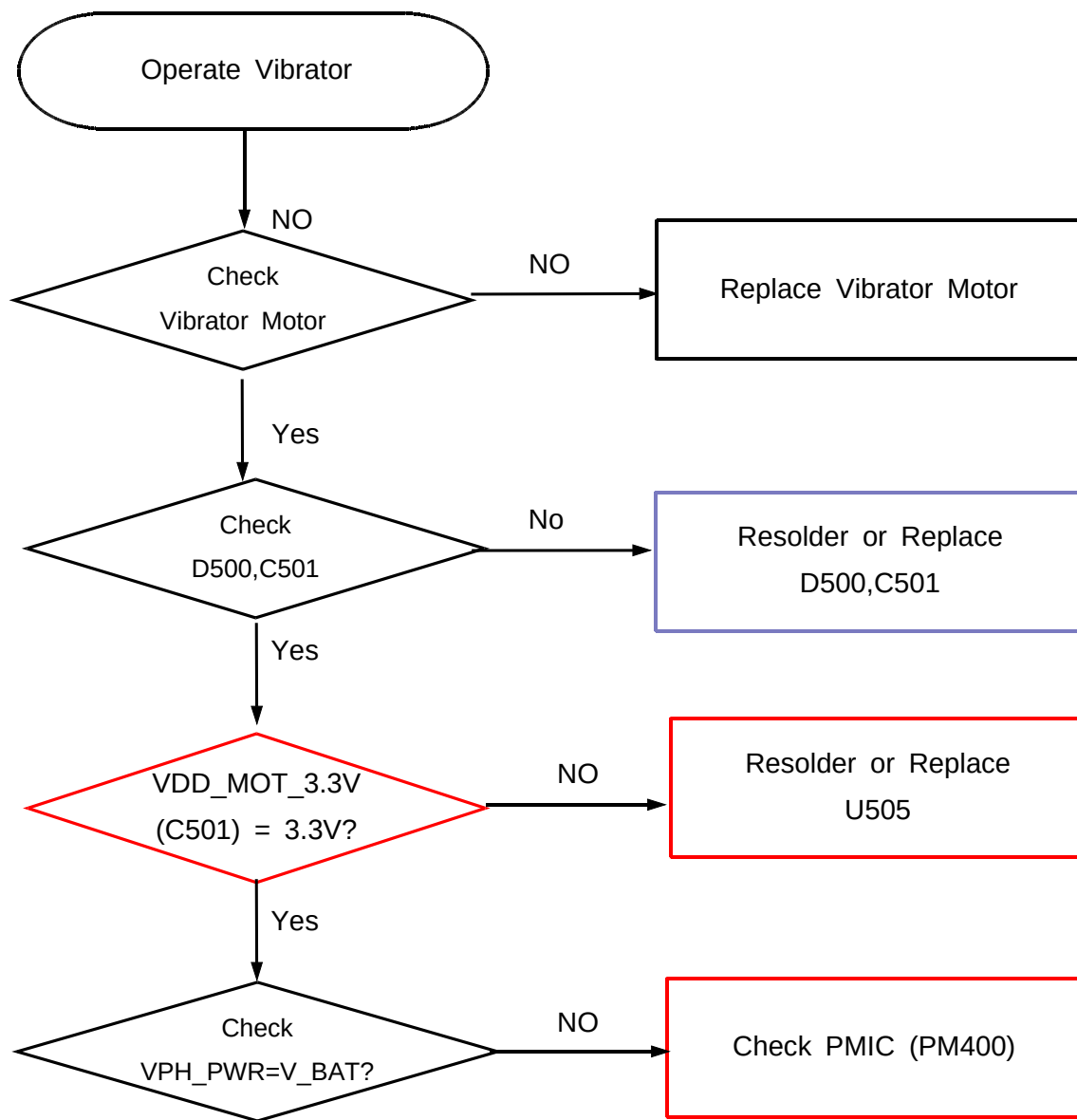


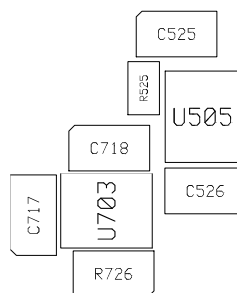
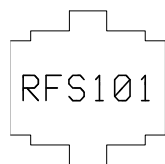
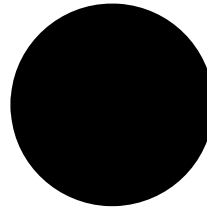
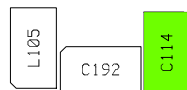
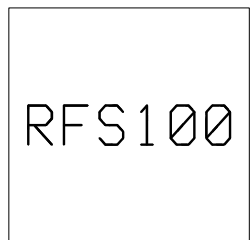
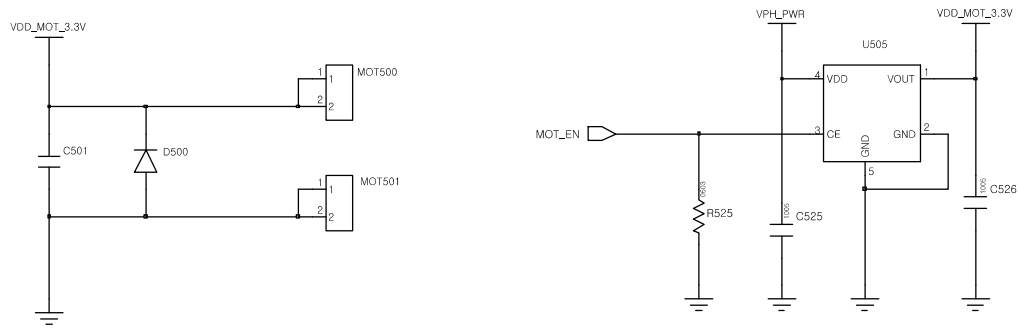
VOL KEY

PWR KEY

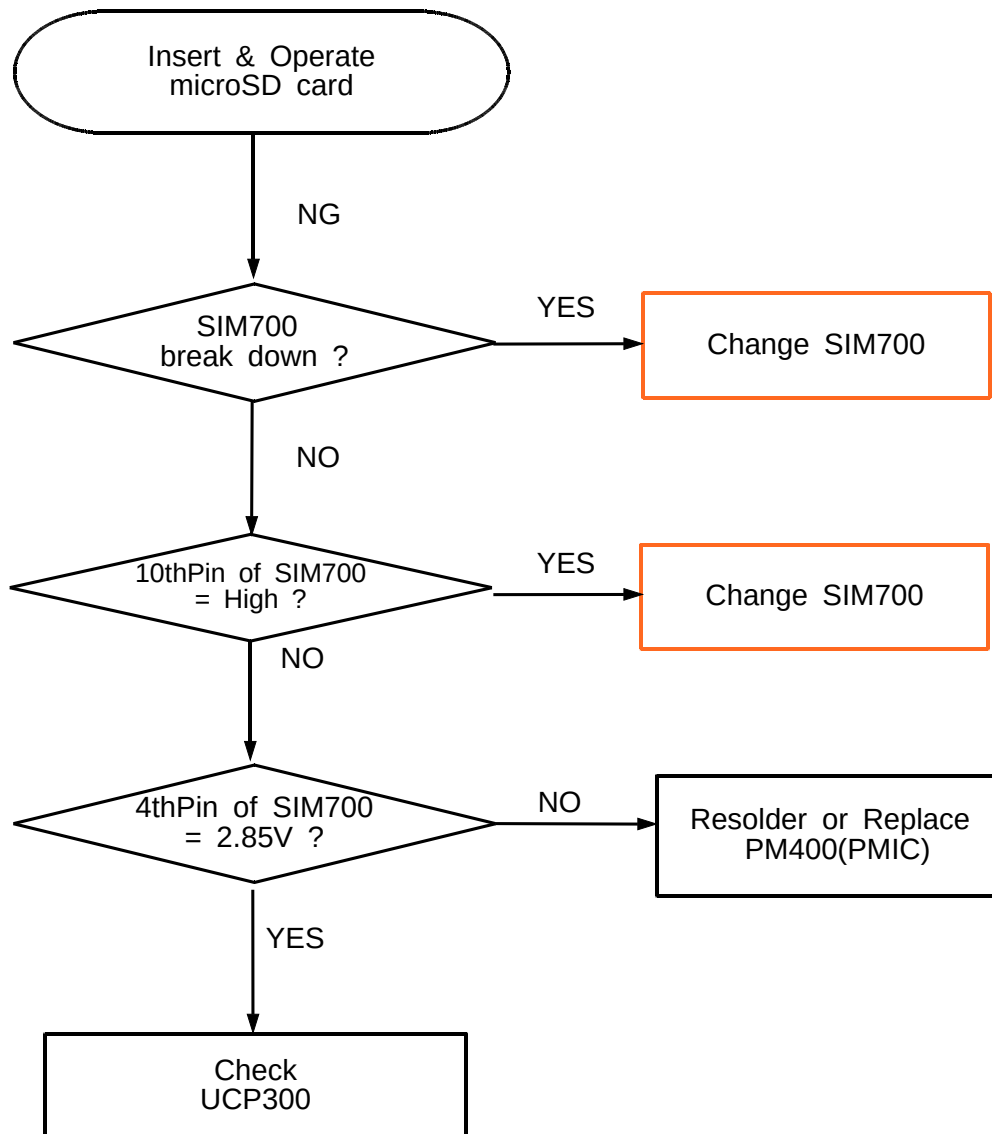


8-3-6. Vibrator Working

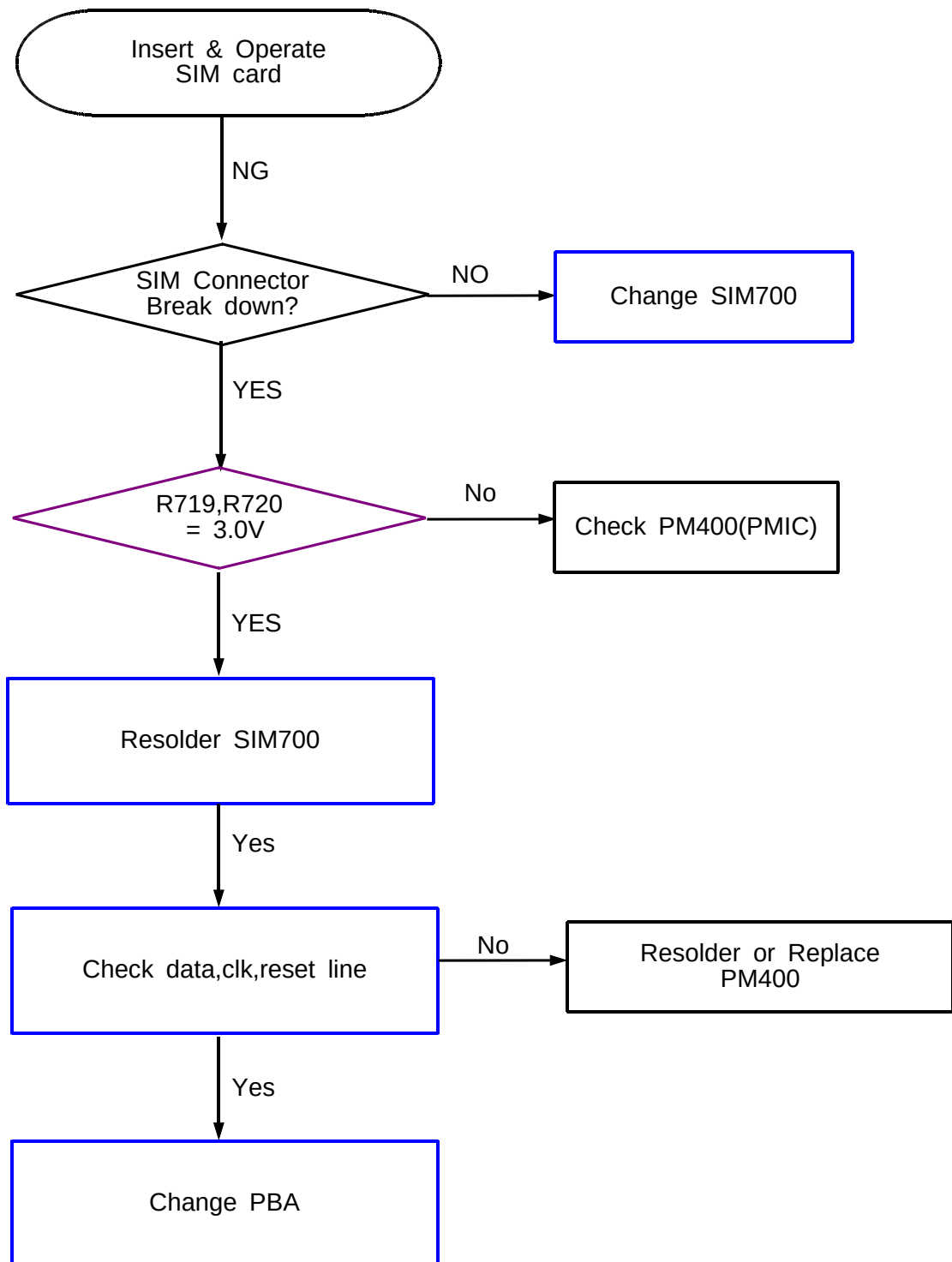


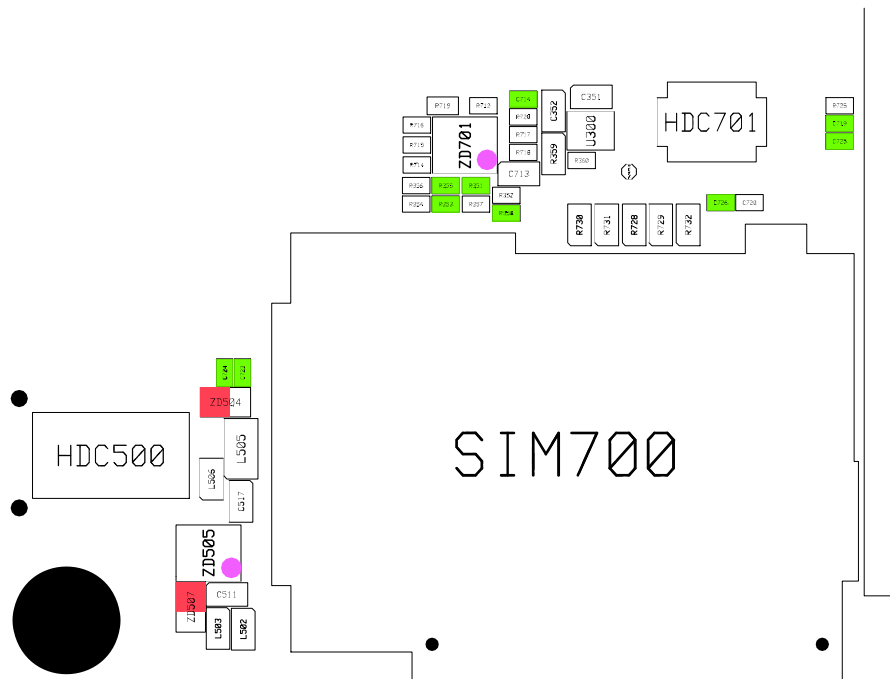
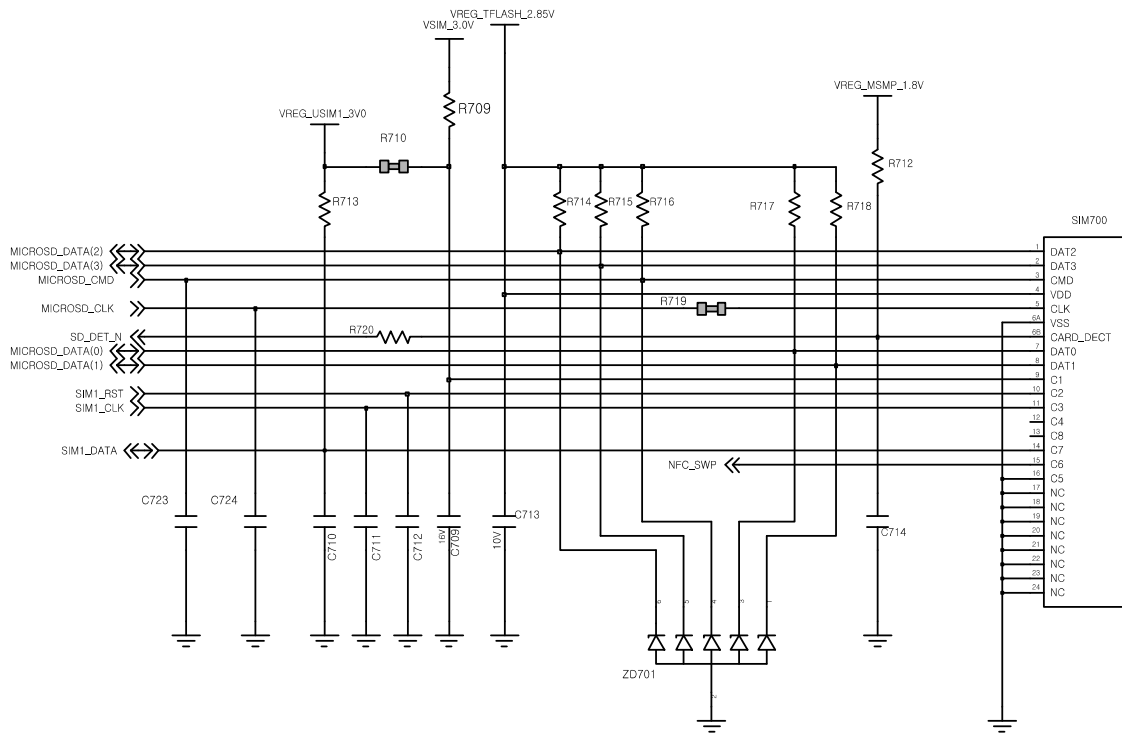


8-3-7. T-Flash Card Working



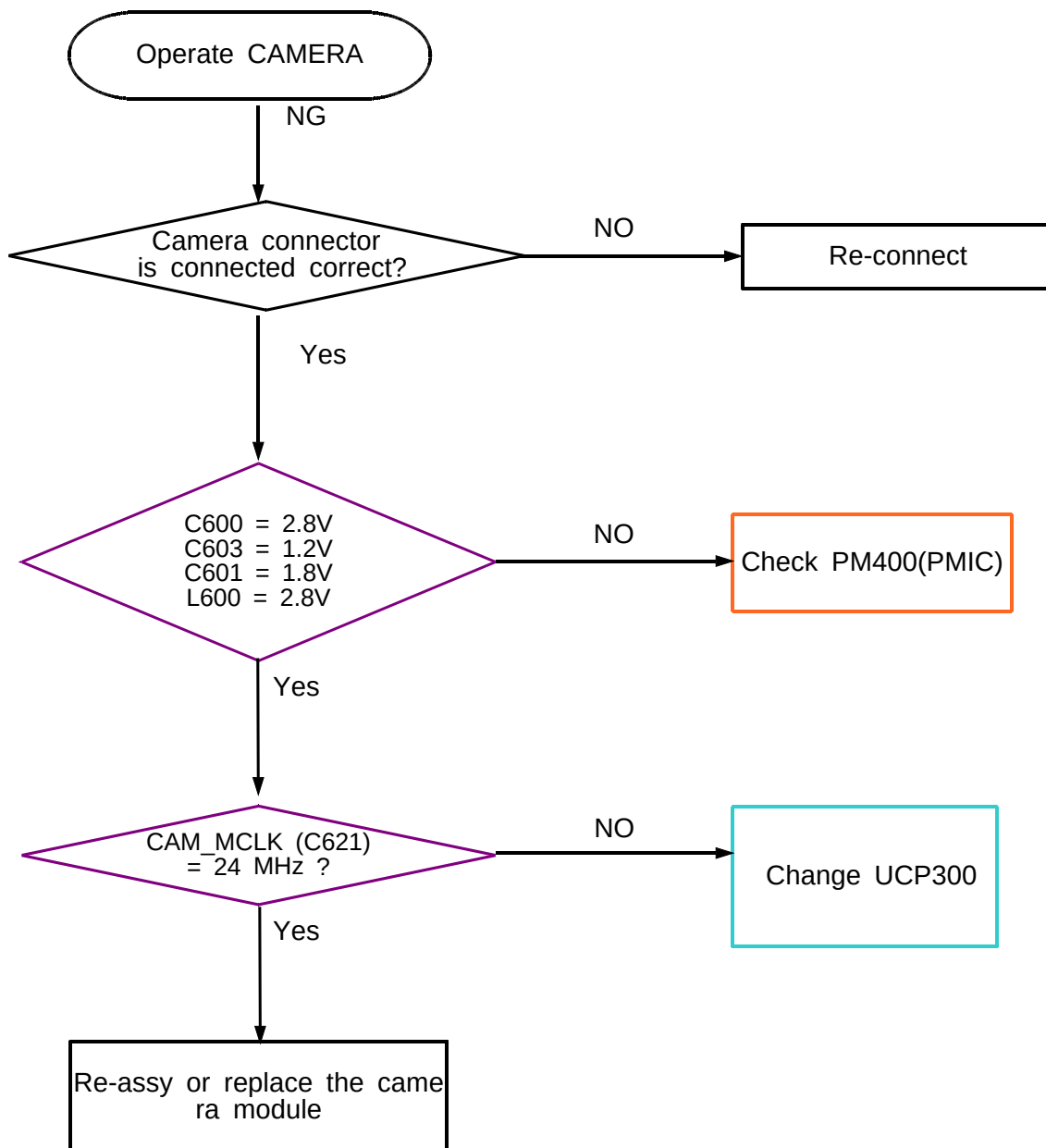
8-3-8. SIM Card Working

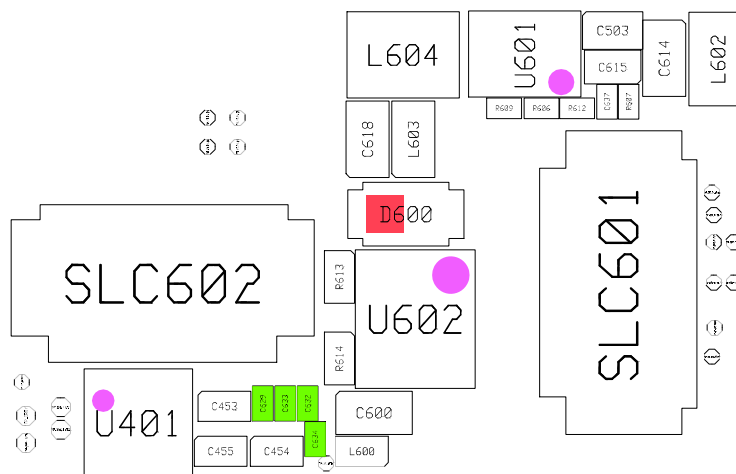
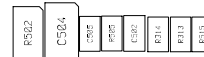
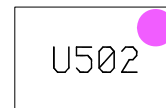
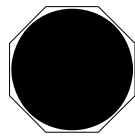
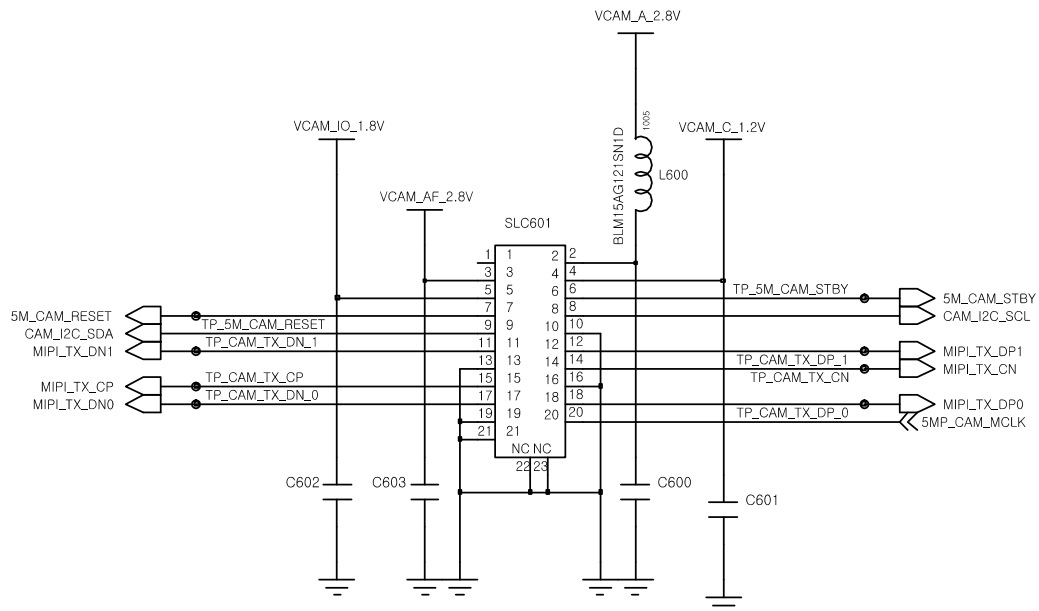




8-3-9 CAMERA Working

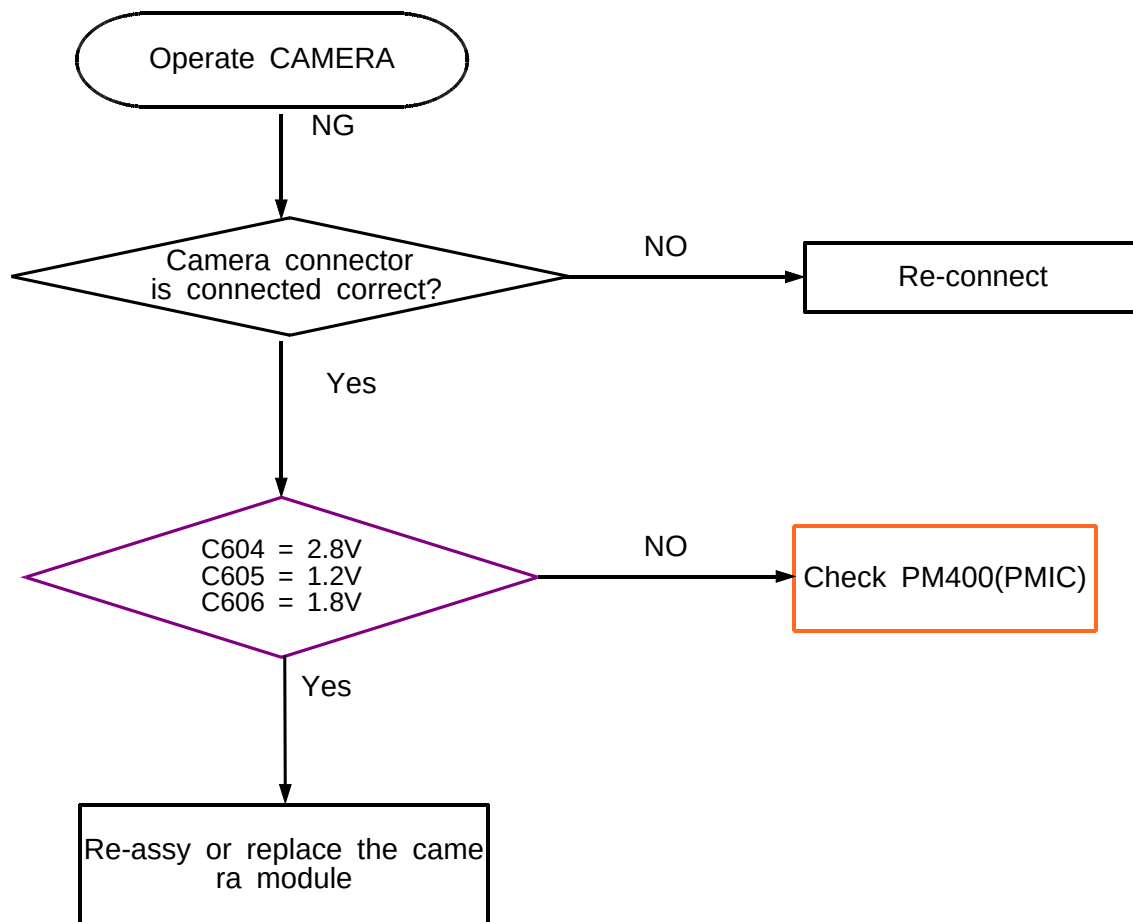
■ 5M CAM

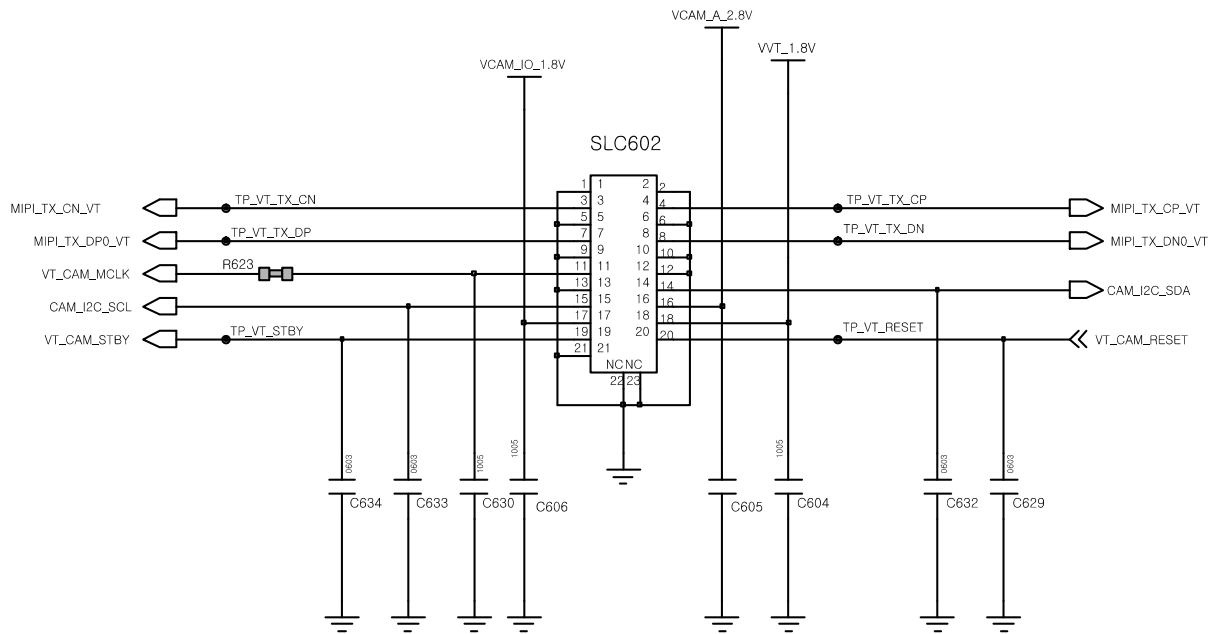




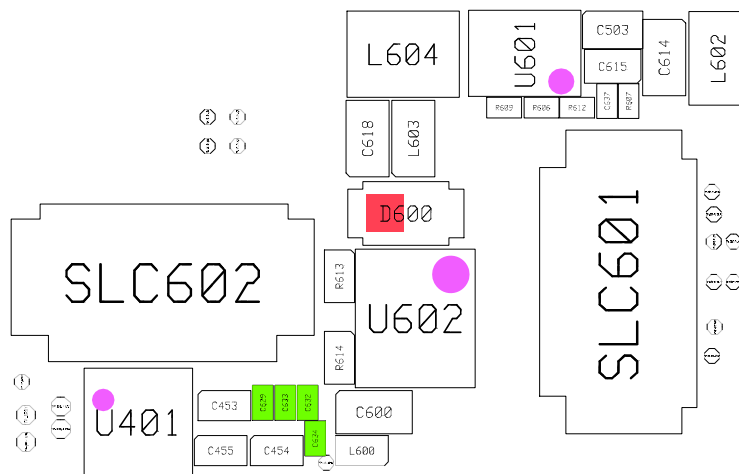
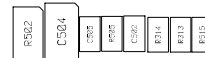
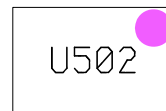
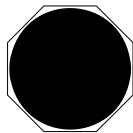
8-3-9 CAMERA Working

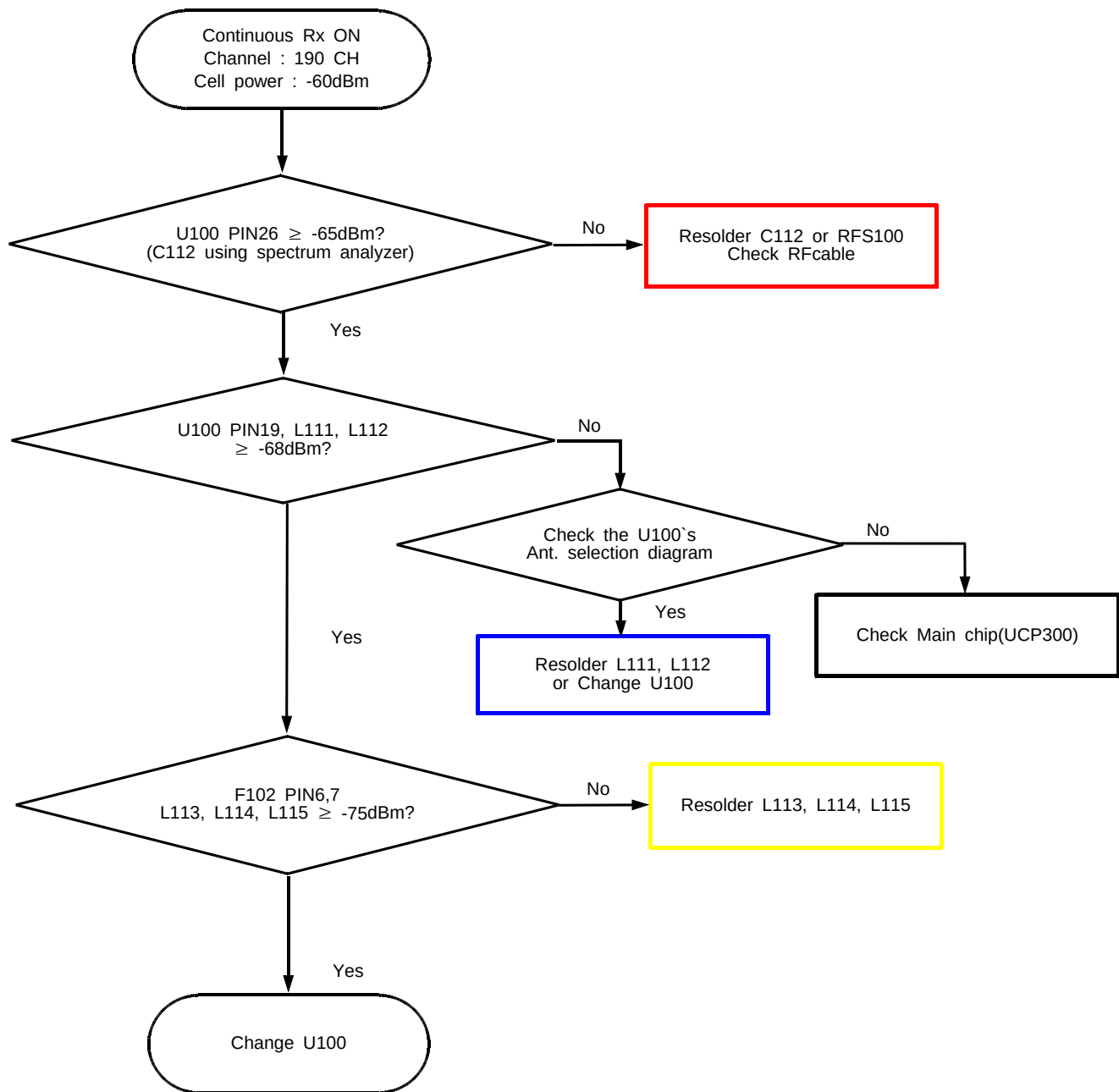
■ CIF CAM



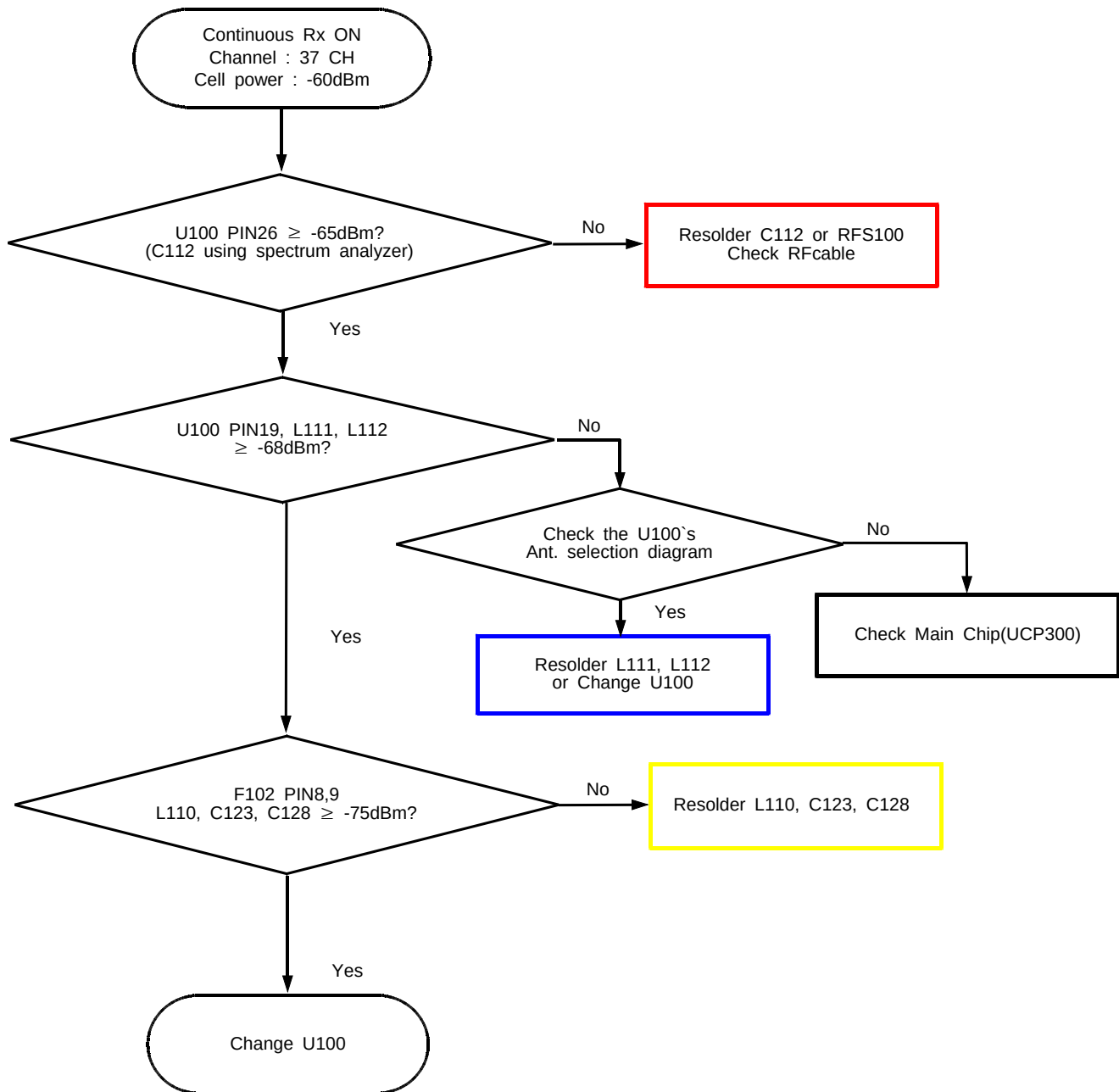


VT CAM

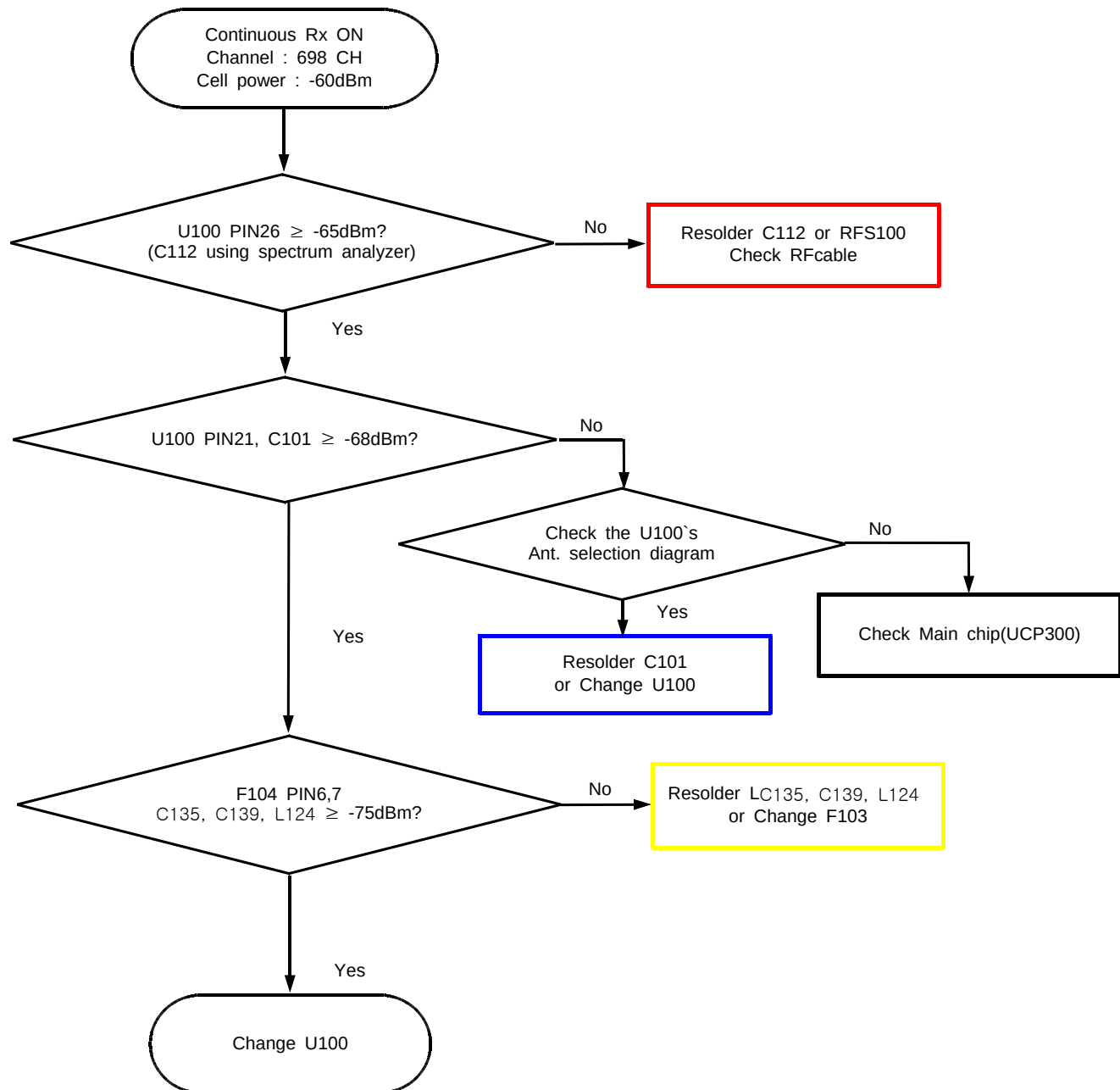


8-4-1. GSM850 Rx

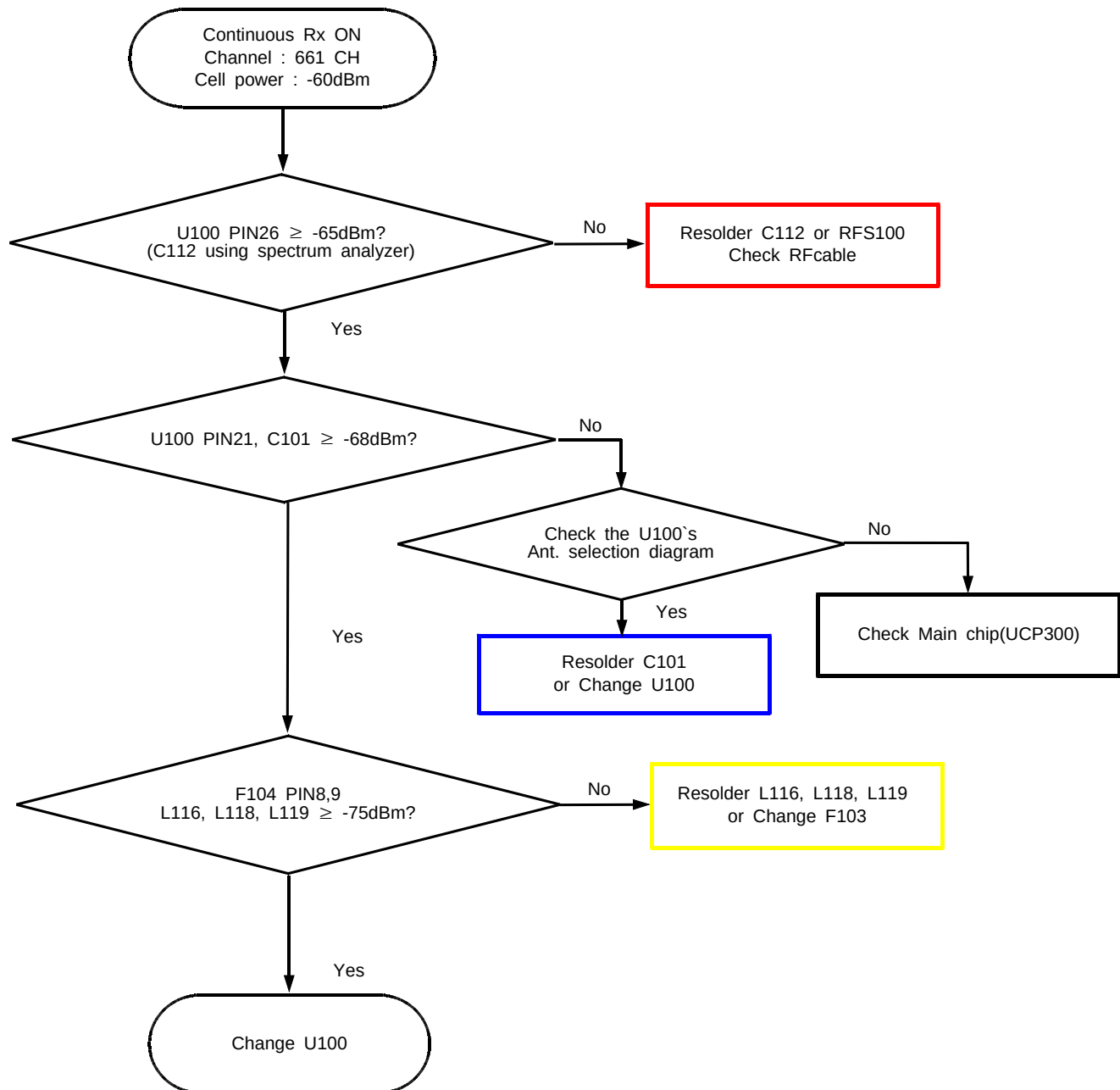
8-4-2. GSM900 Rx

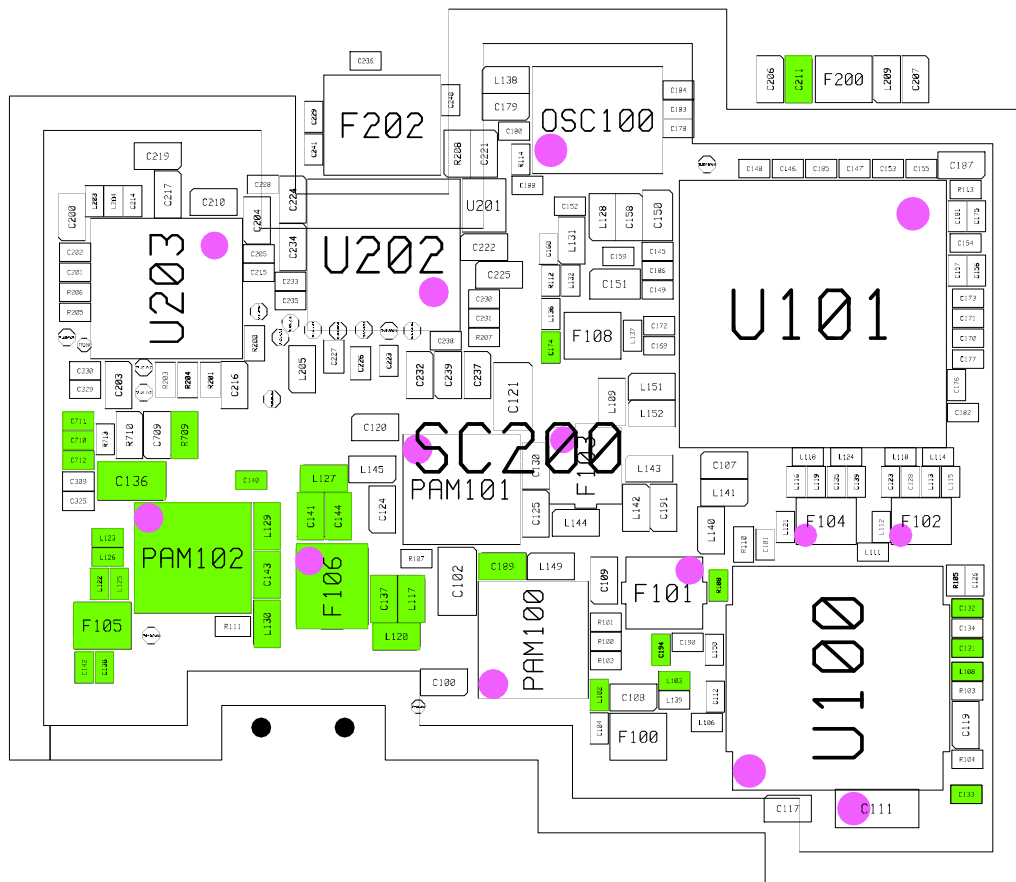
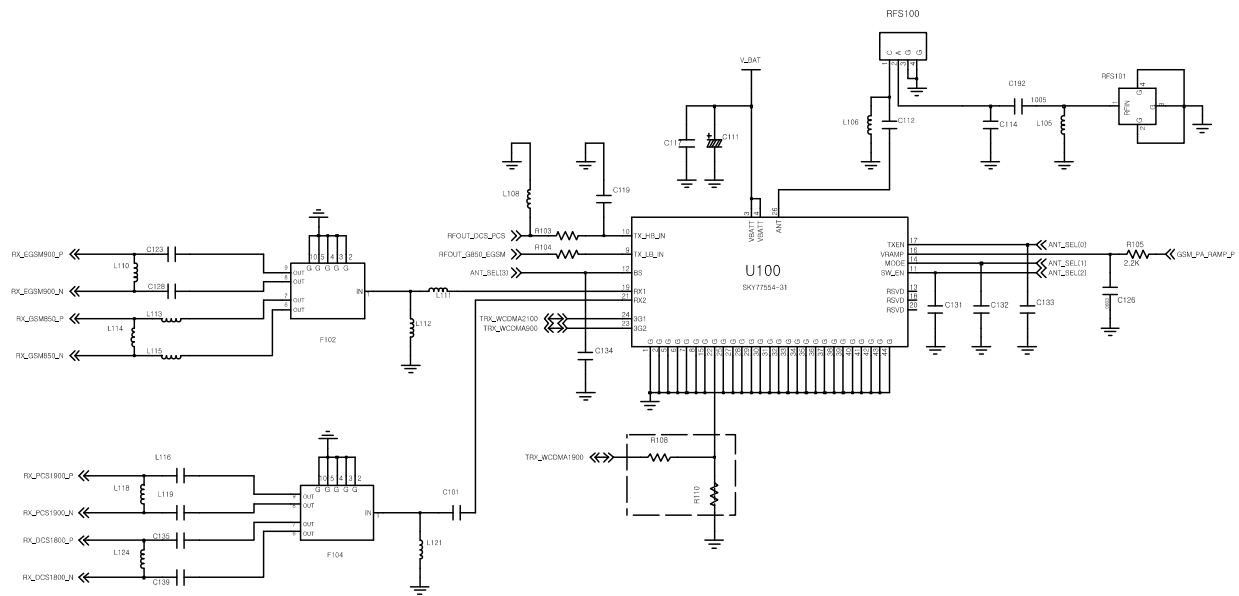


8-4-3. DCS Rx

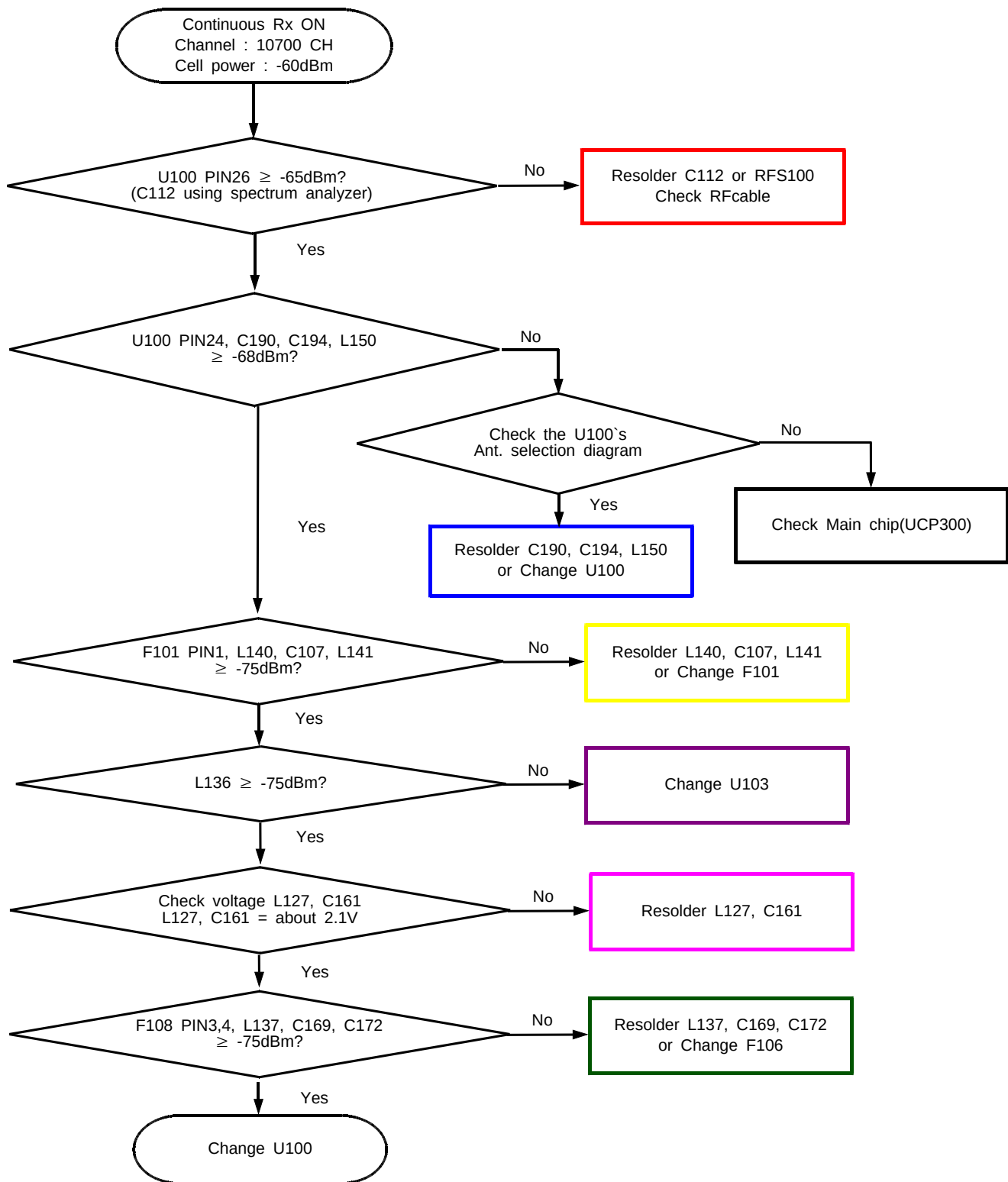


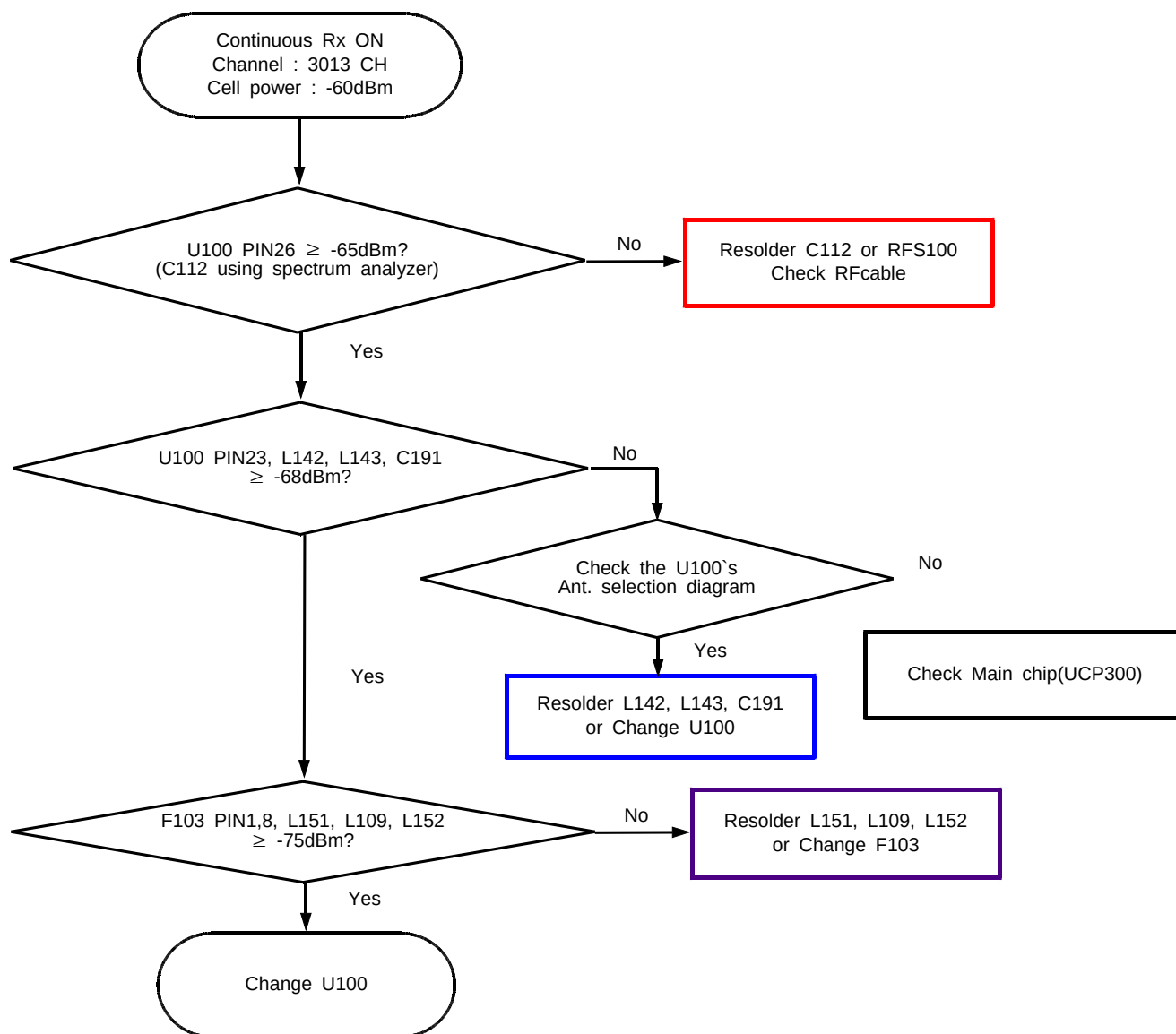
8-4-4. PCS Rx

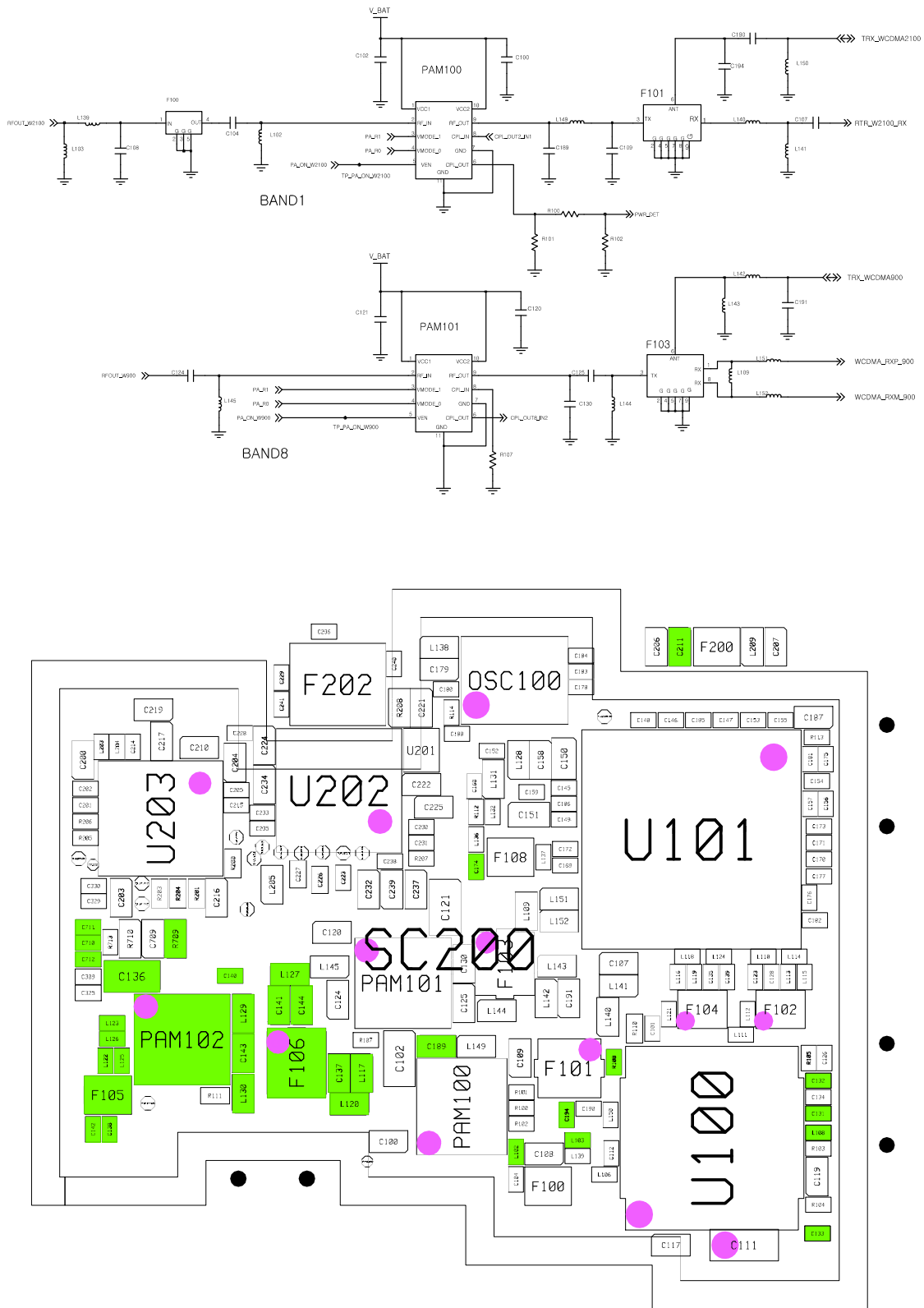




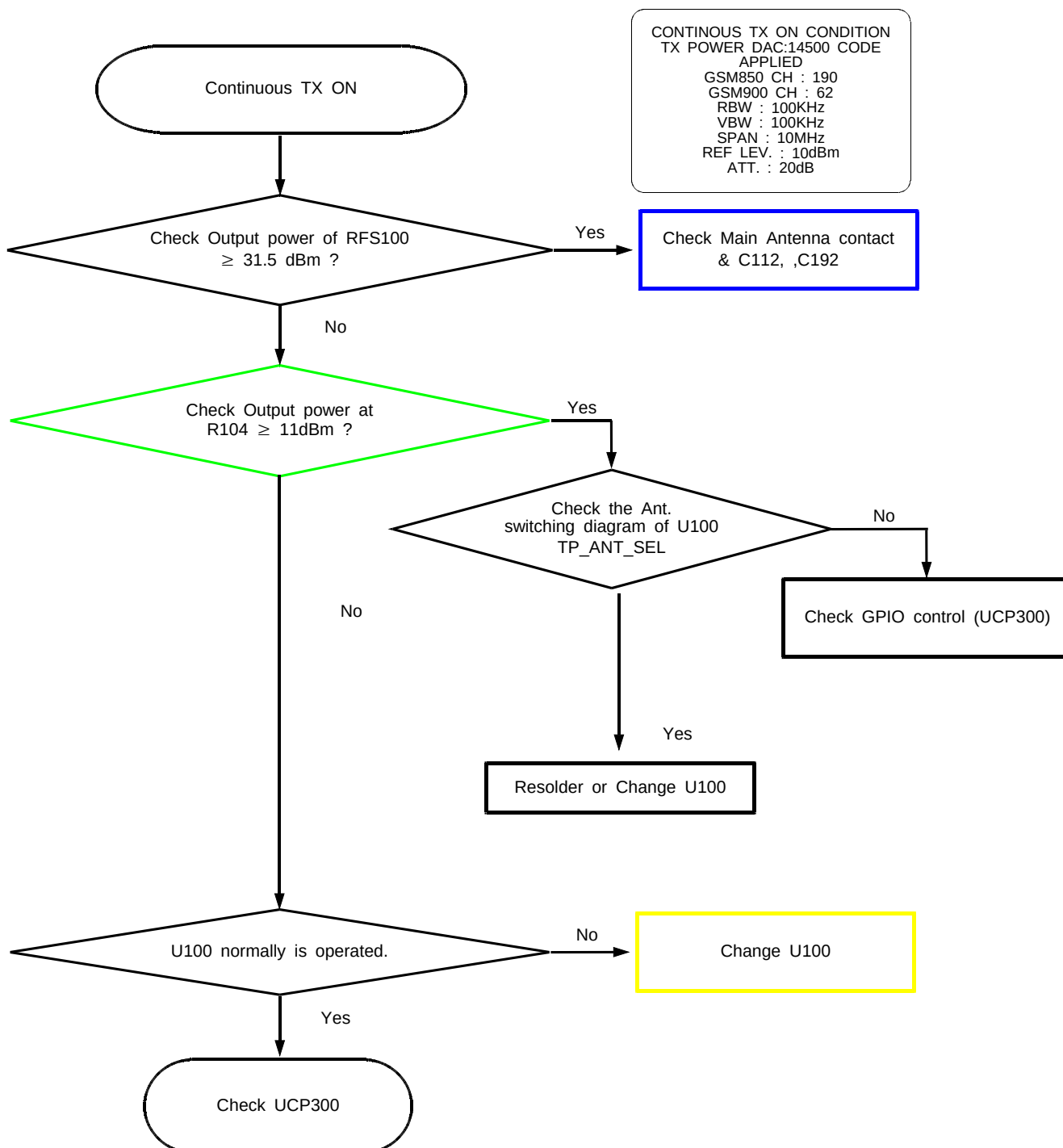
8-4-5. WCDMA Band1 (2100) Rx



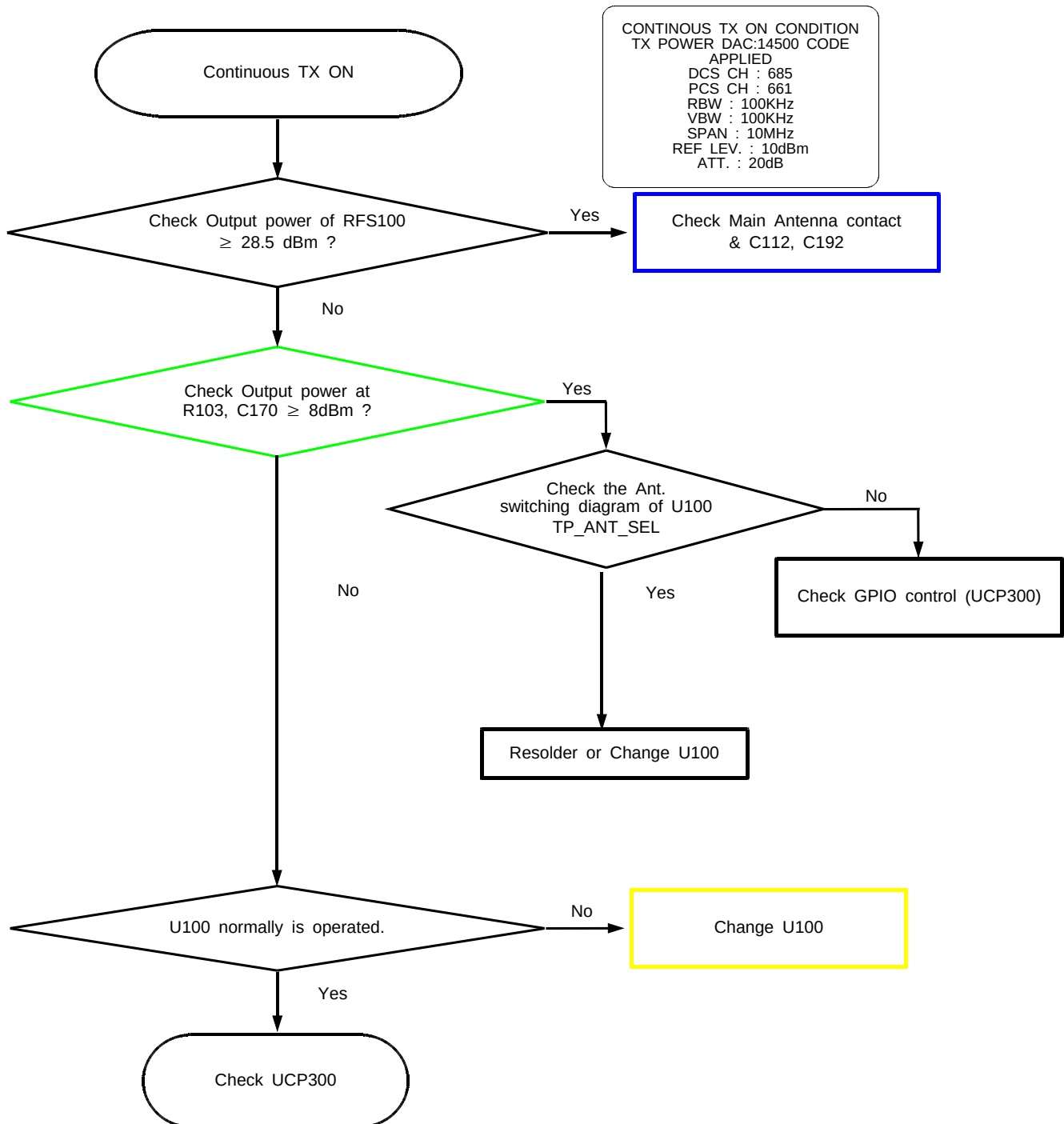
8-4-6. WCDMA Band8 (900) Rx

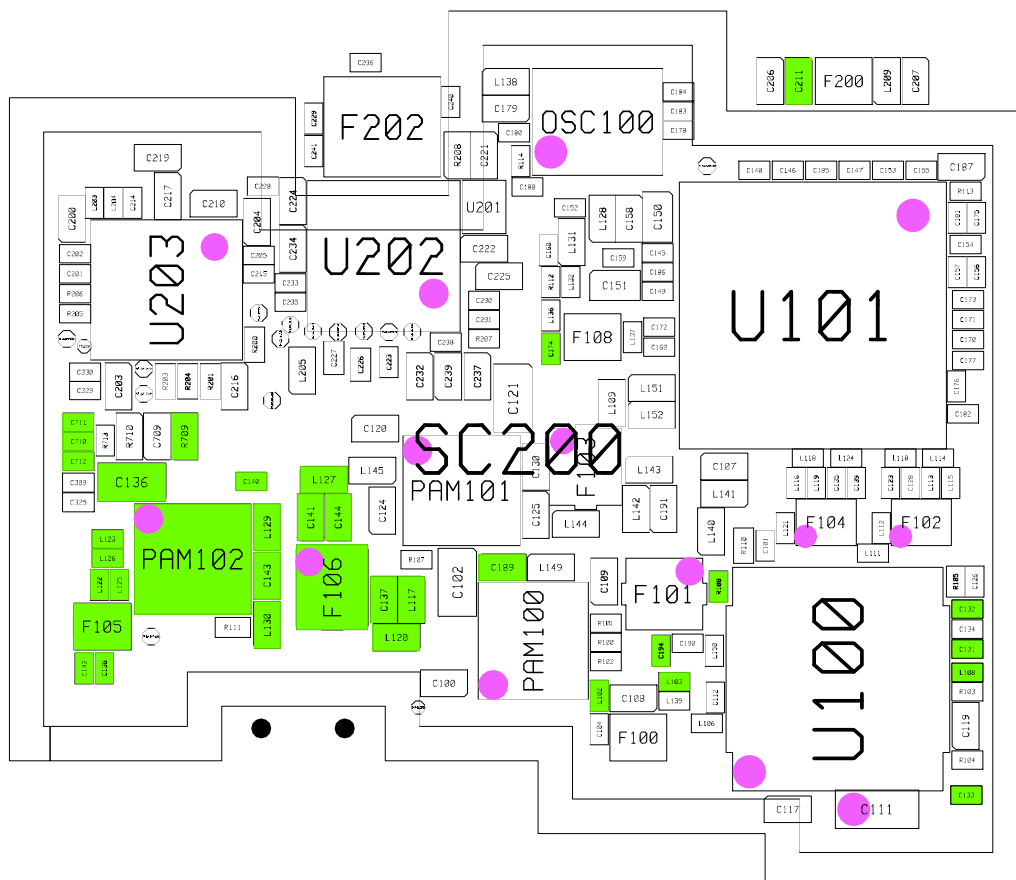
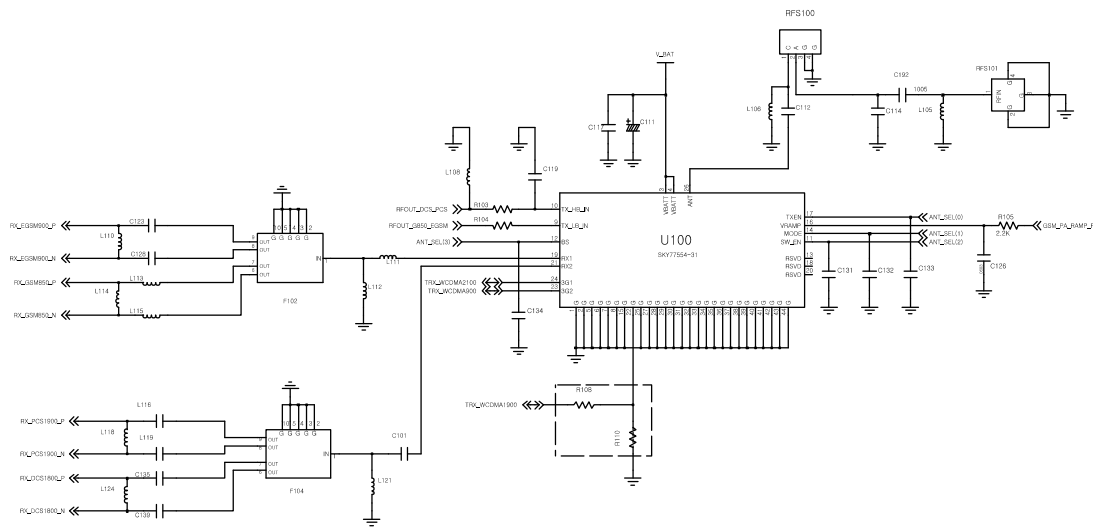


8-4-7. GSM850/900 Tx

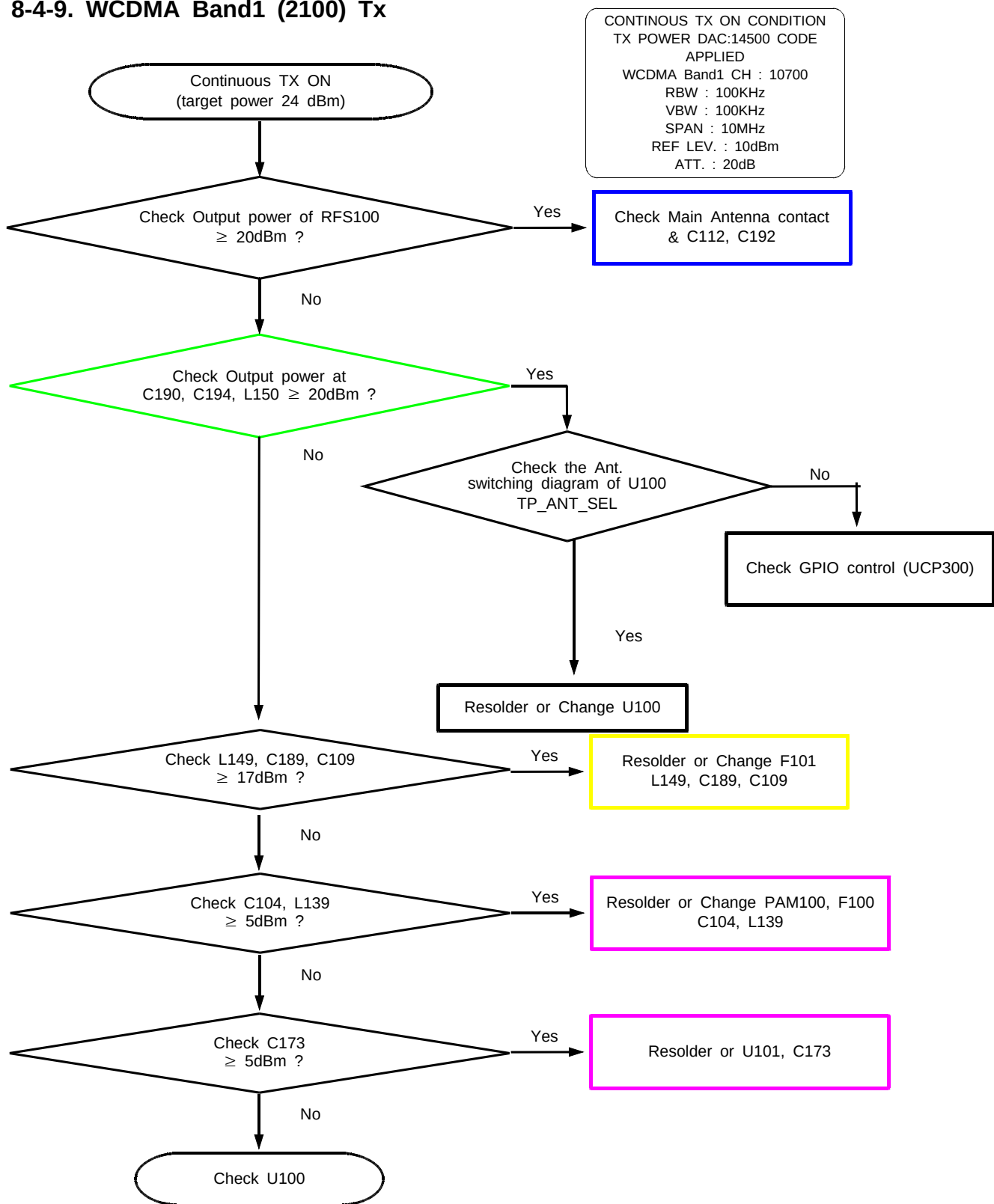


8-4-8. DCS/PCS Tx

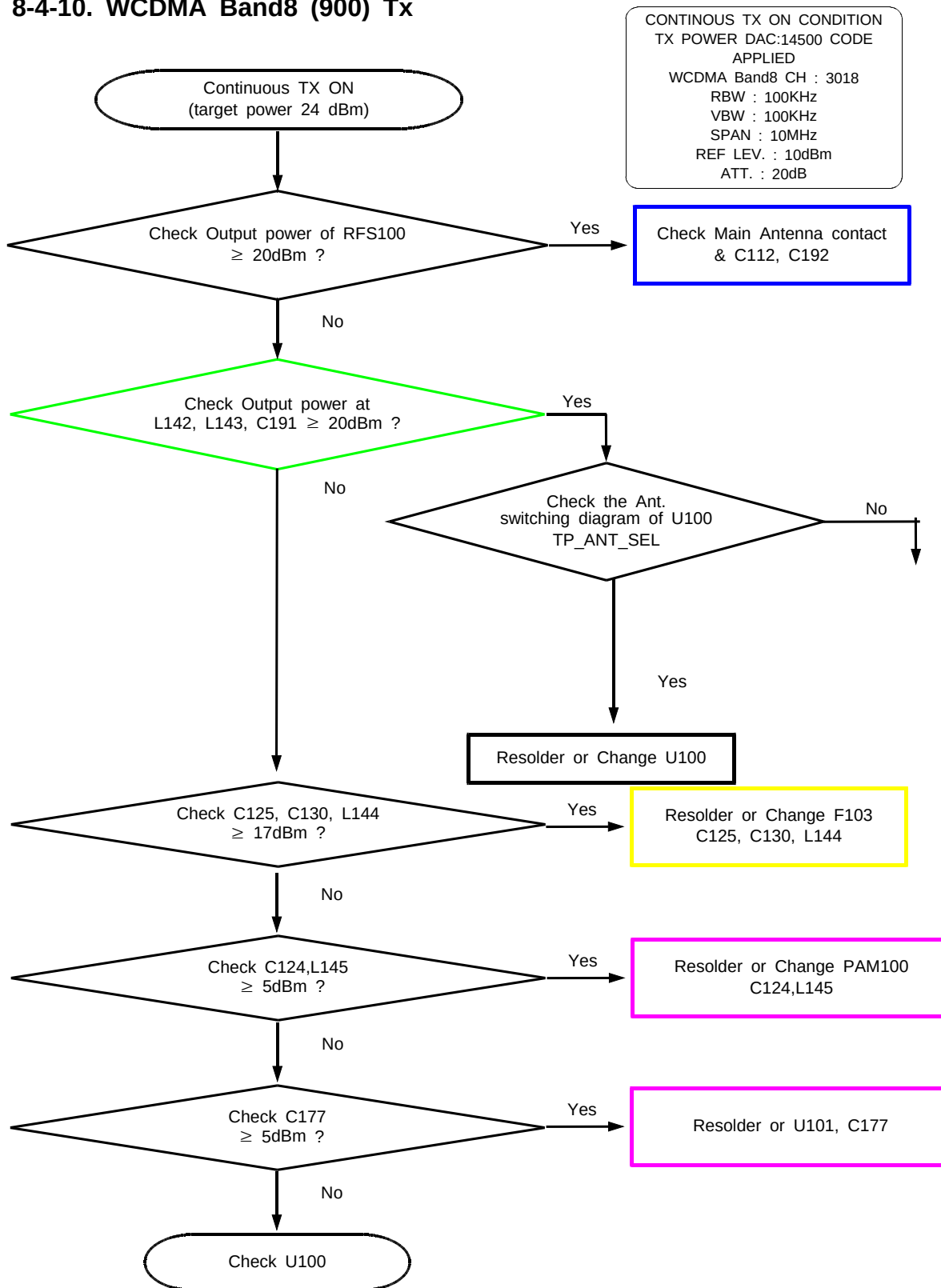


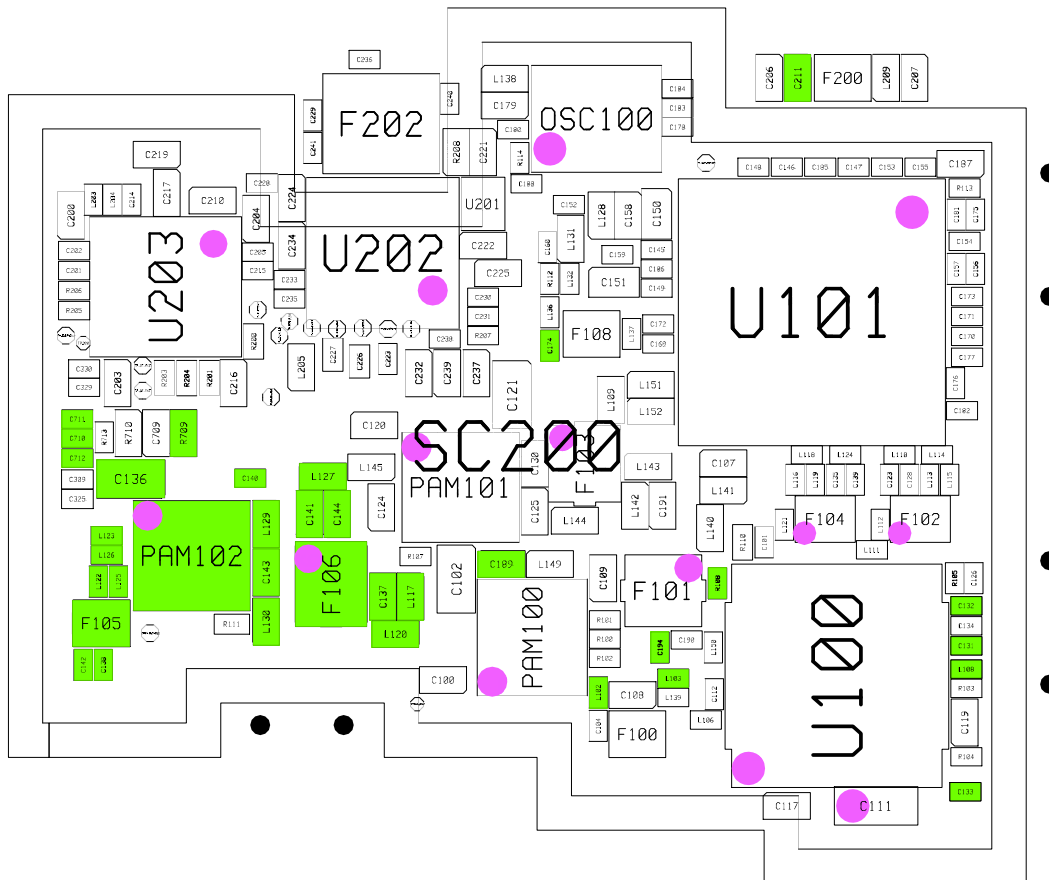
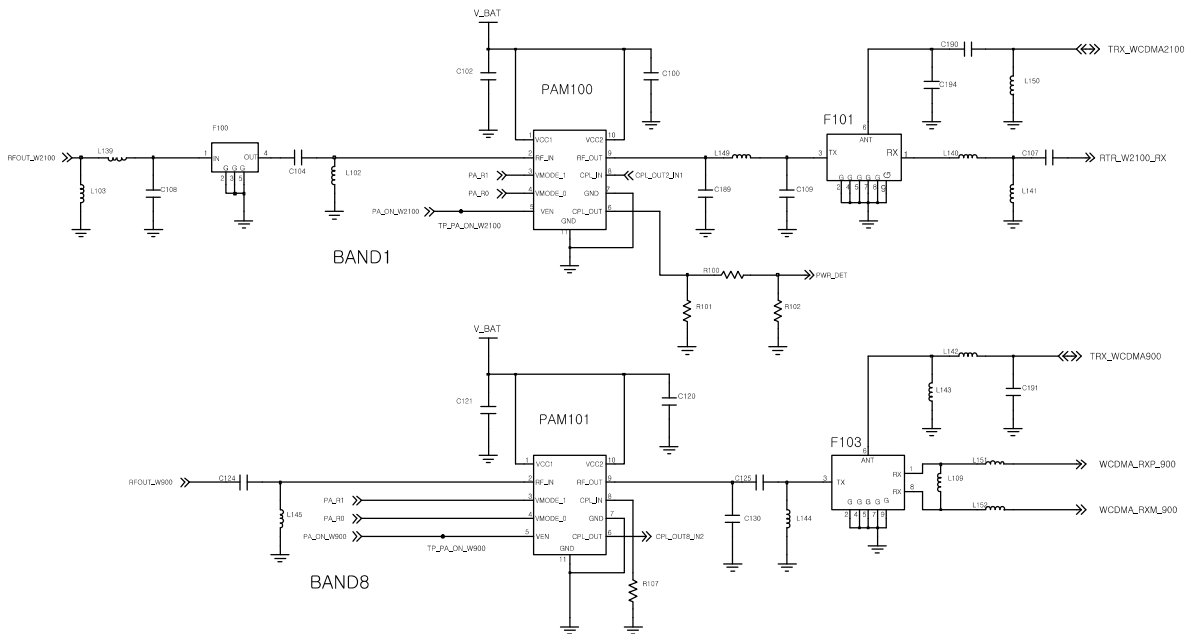


8-4-9. WCDMA Band1 (2100) Tx

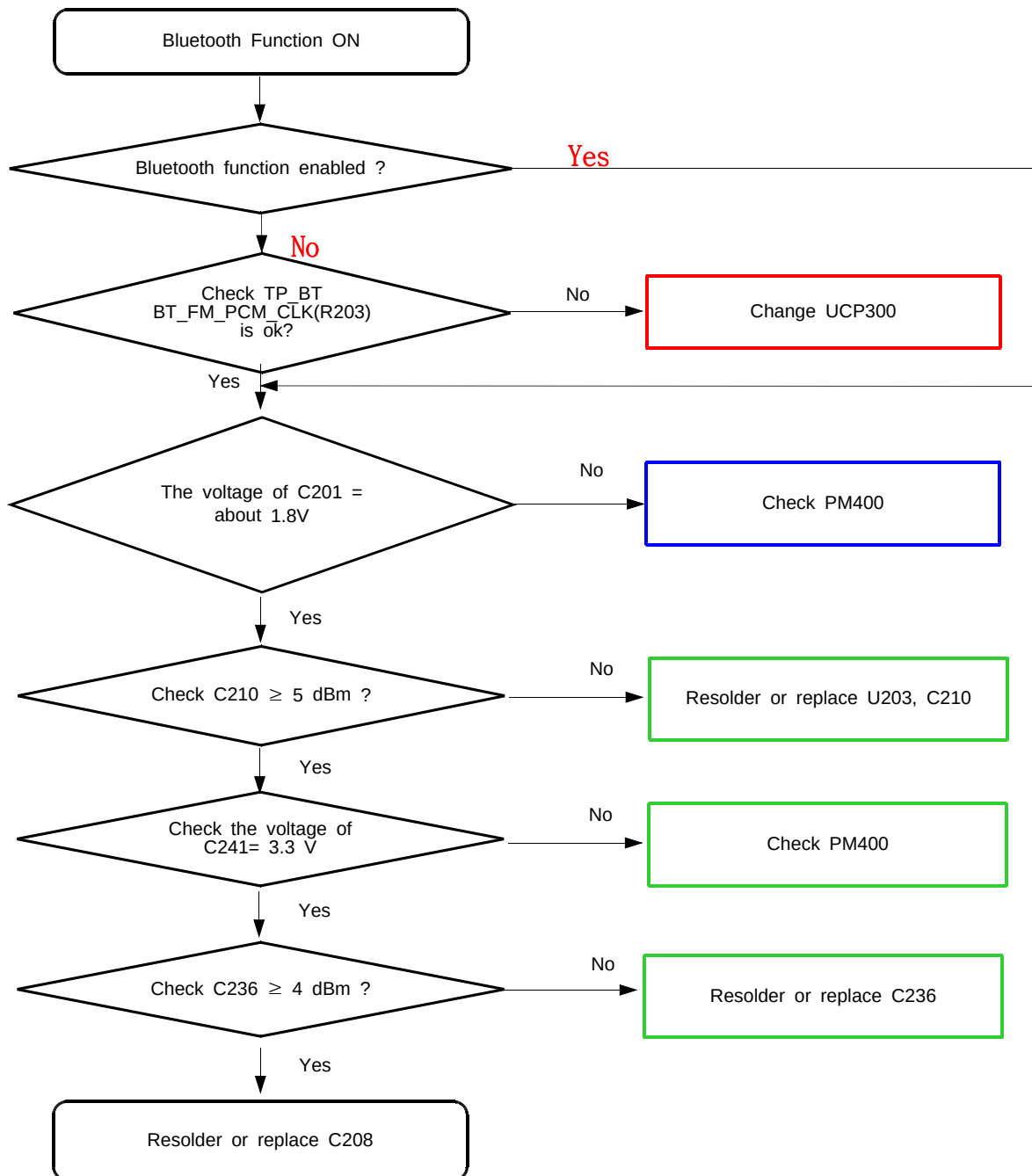


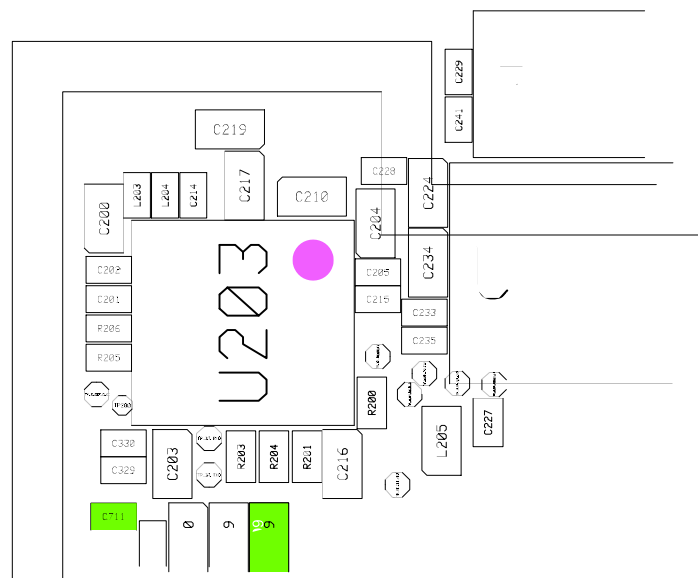
8-4-10. WCDMA Band8 (900) Tx

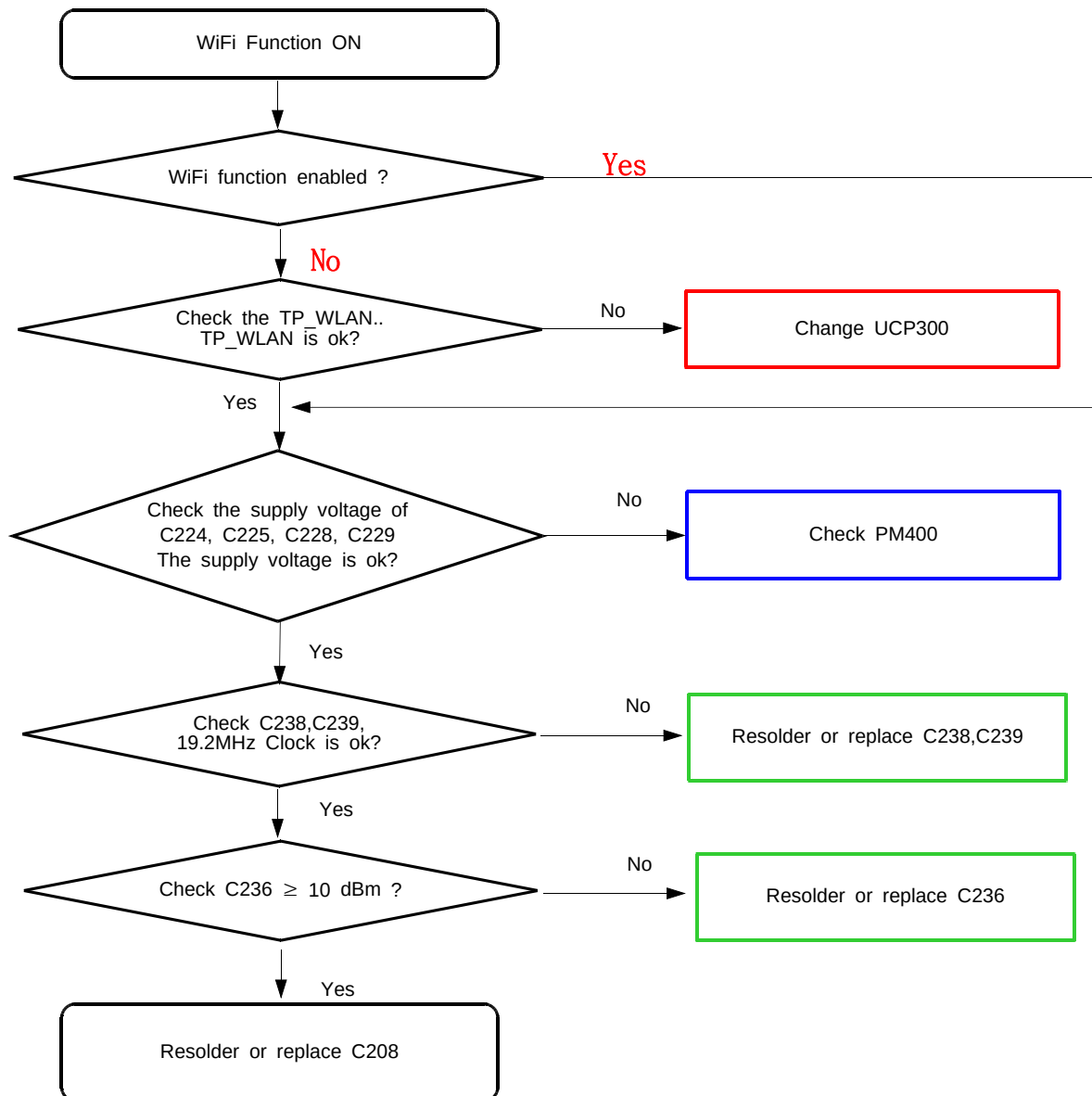




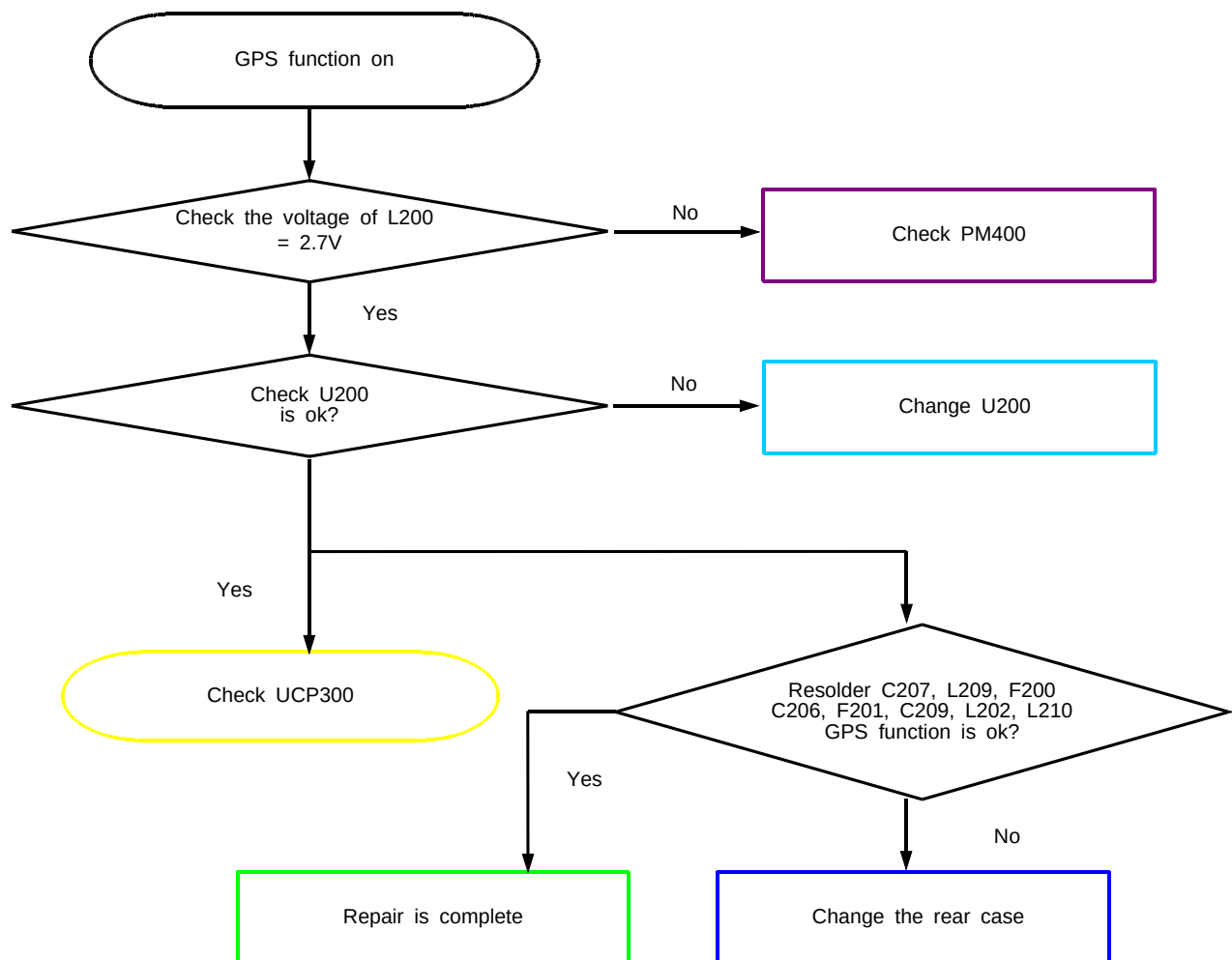
8-4-11. Bluetooth

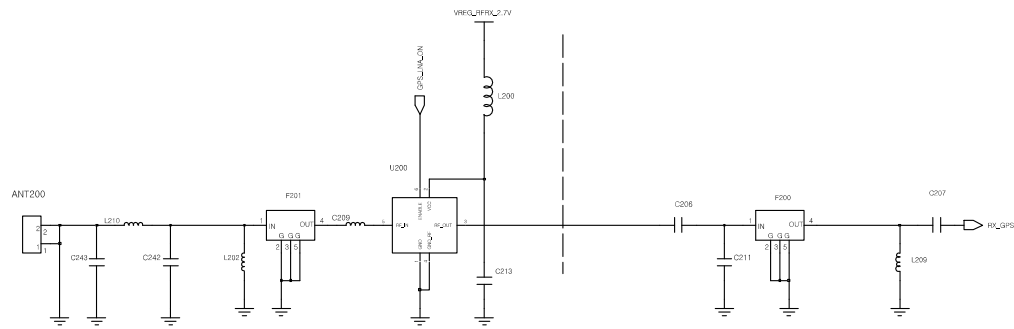




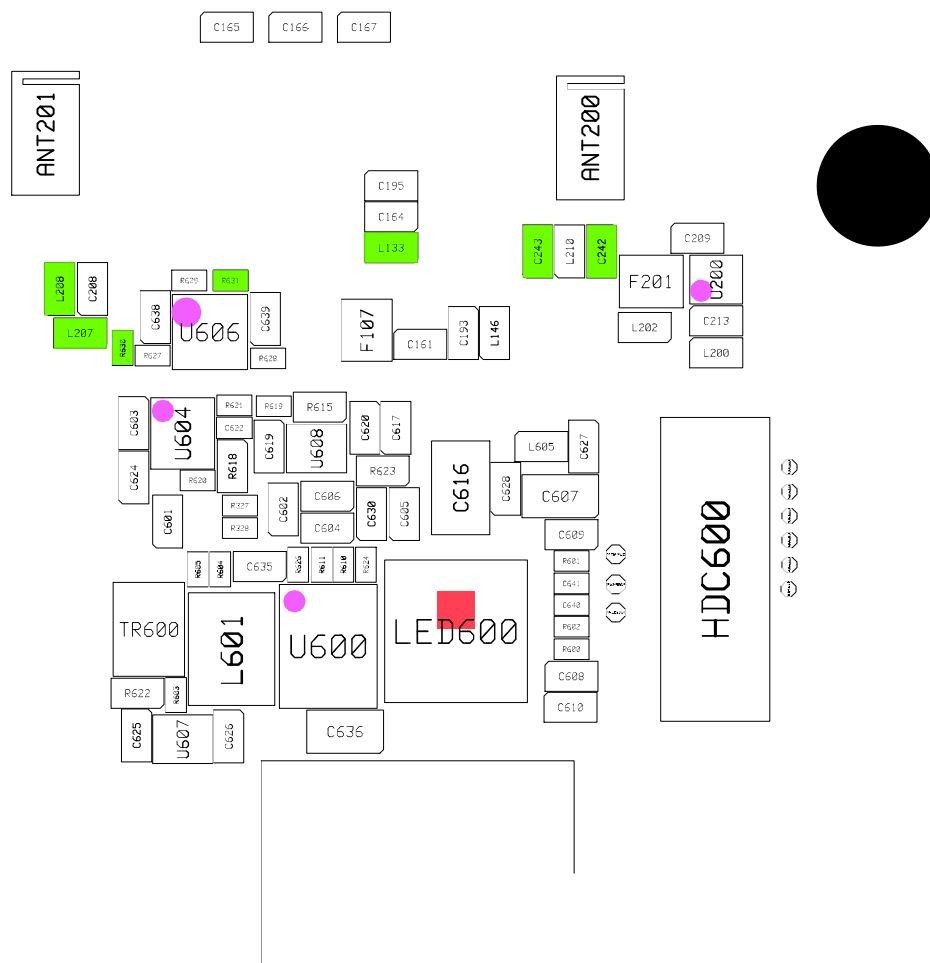
8-4-12. WiFi



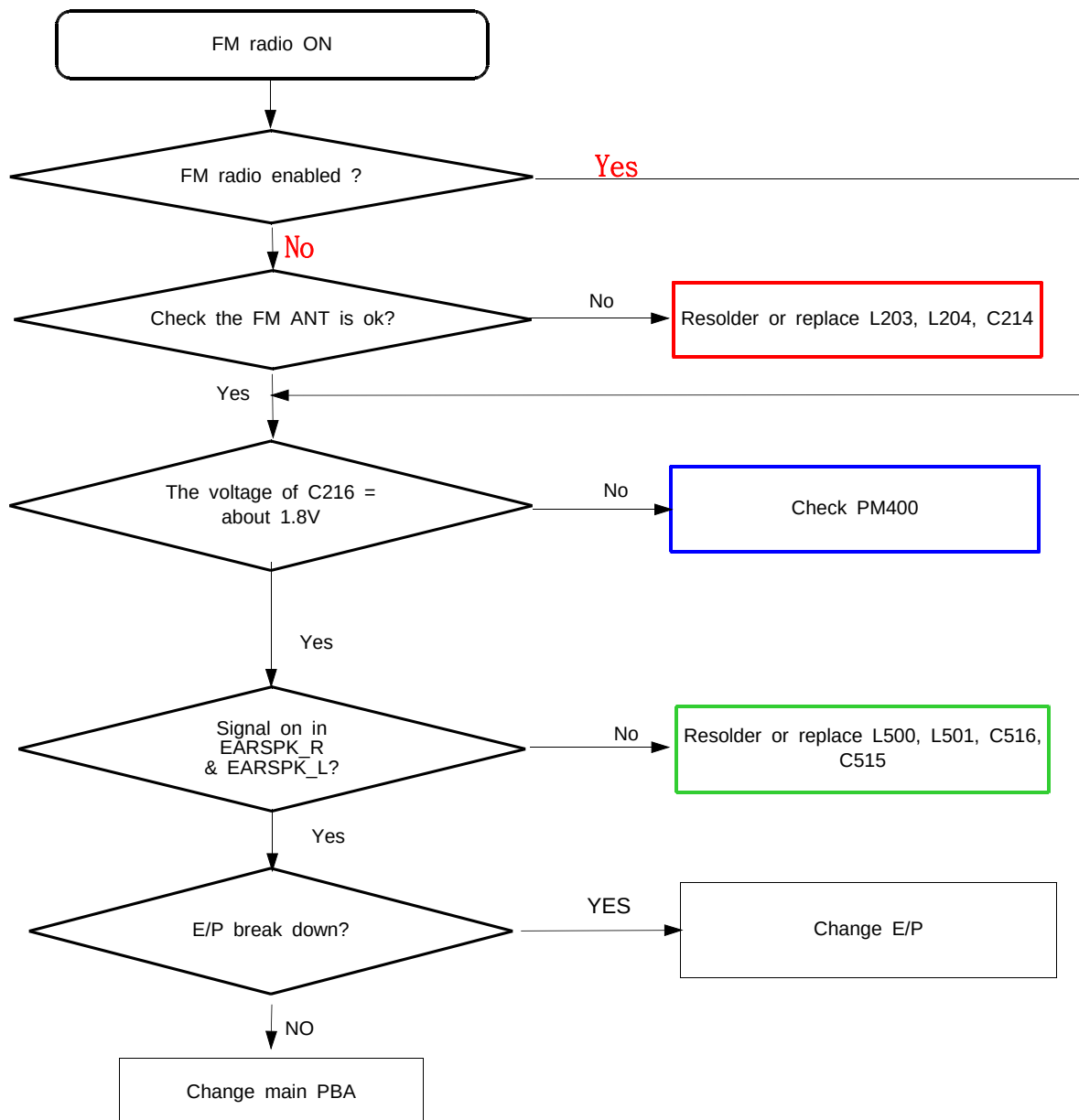
8-4-13. GPS

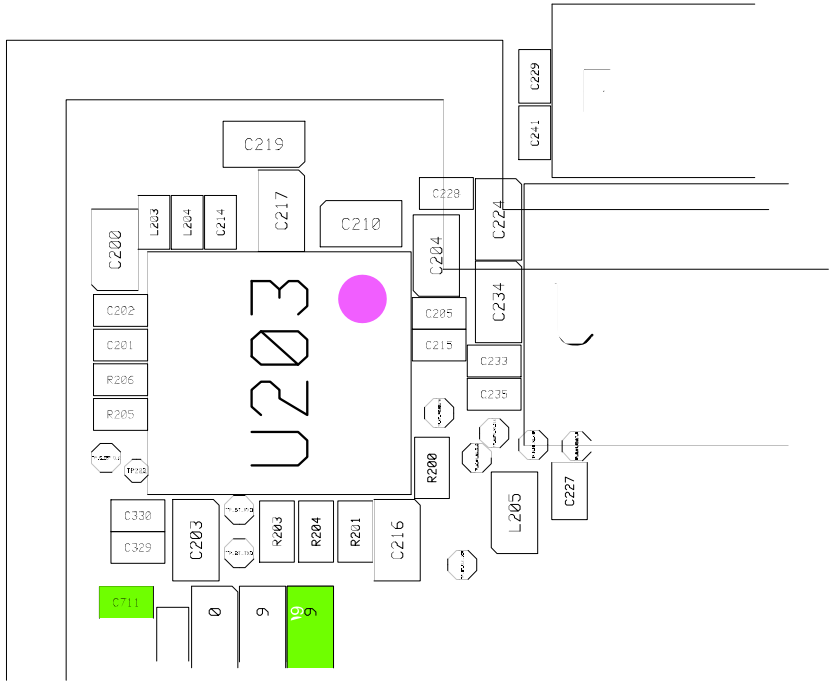


GPS



8-4-14. FM radio





8-5. Service Schematics

- NC Point(Top View)

● : NC

UME300

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
A	○	●	○	○	○	●	●	○	○	○	○	○	●	○
B	●	○	○	○	○	○	○	○	○	○	○	○	○	●
C	○	○	○	○	●	○	○	○	○	○	○	○	○	○
D	○	○	○	●								○	○	○
E	○	○	○		●	○	○	●	●	●		○	○	○
F	○	○	○		○					●		○	○	○
G	○	○	●		○					●		○	○	○
H	○	○	○		●					○		○	○	○
J	○	○	○		●					○		○	○	○
K	○	○	○		○	●	●	○	○	●		○	○	○
L	○	○	○									○	○	○
M	○	○	○	○	○	○	○	○	○	○	○	○	○	○
N	●	○	○	○	○	○	○	○	○	○	○	○	○	●
P	○	●	○	○	○	○	●	○	○	●	○	○	●	○