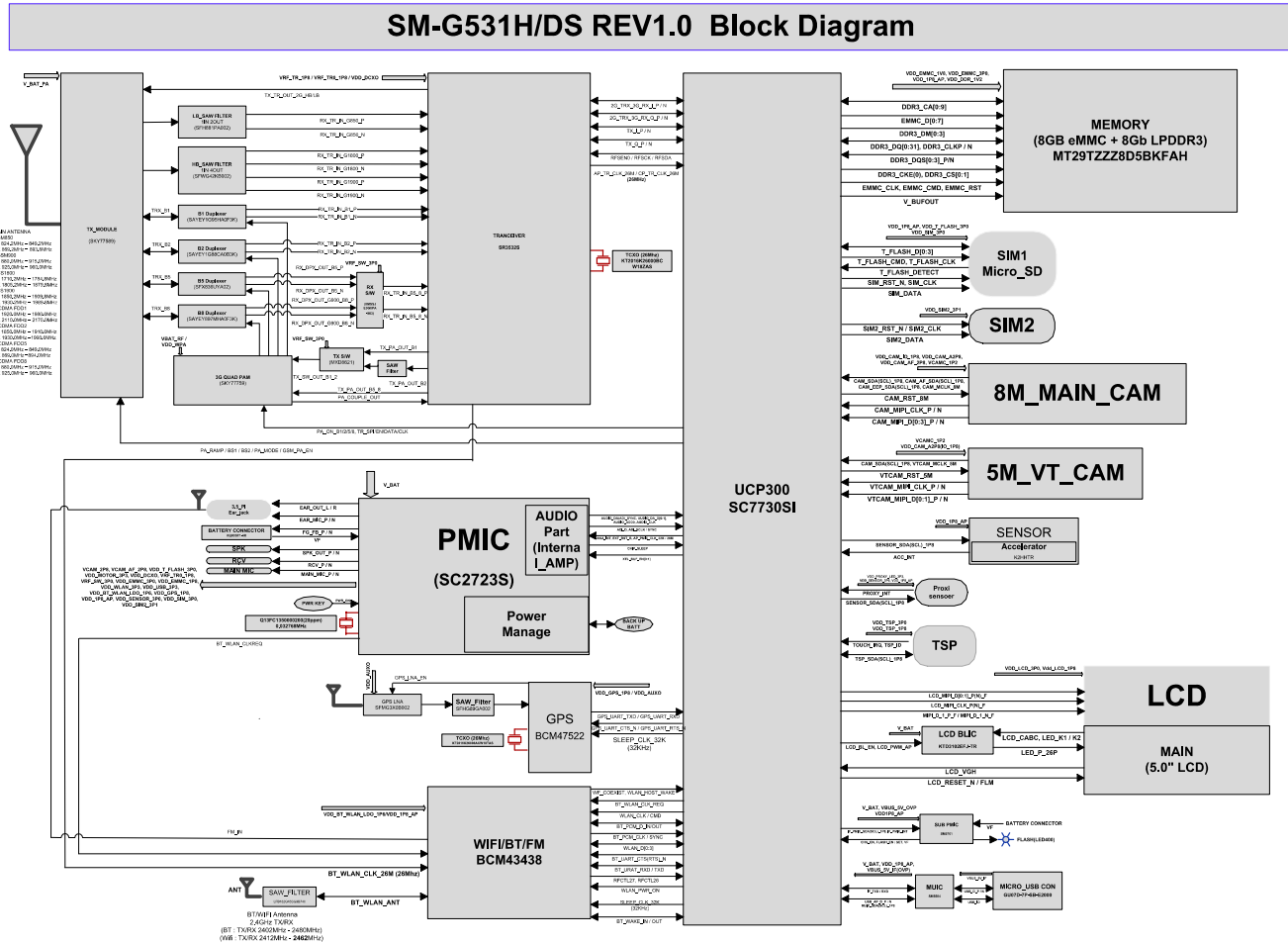
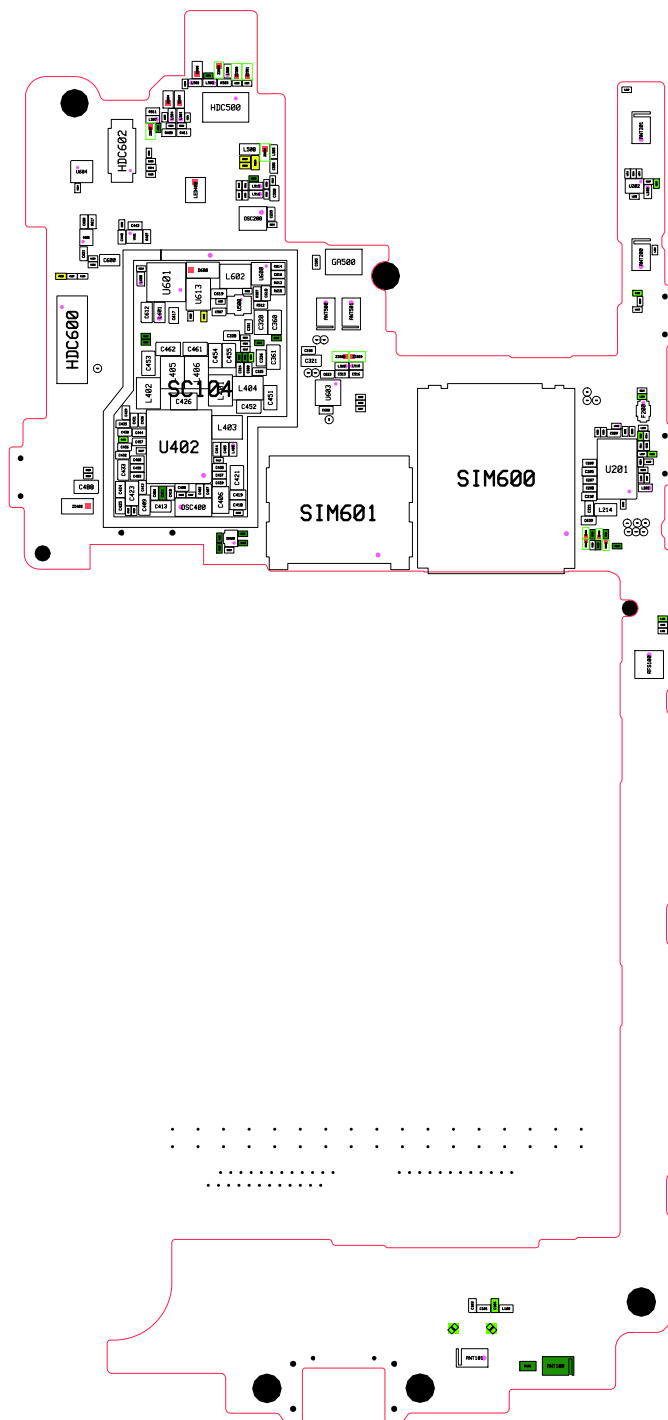


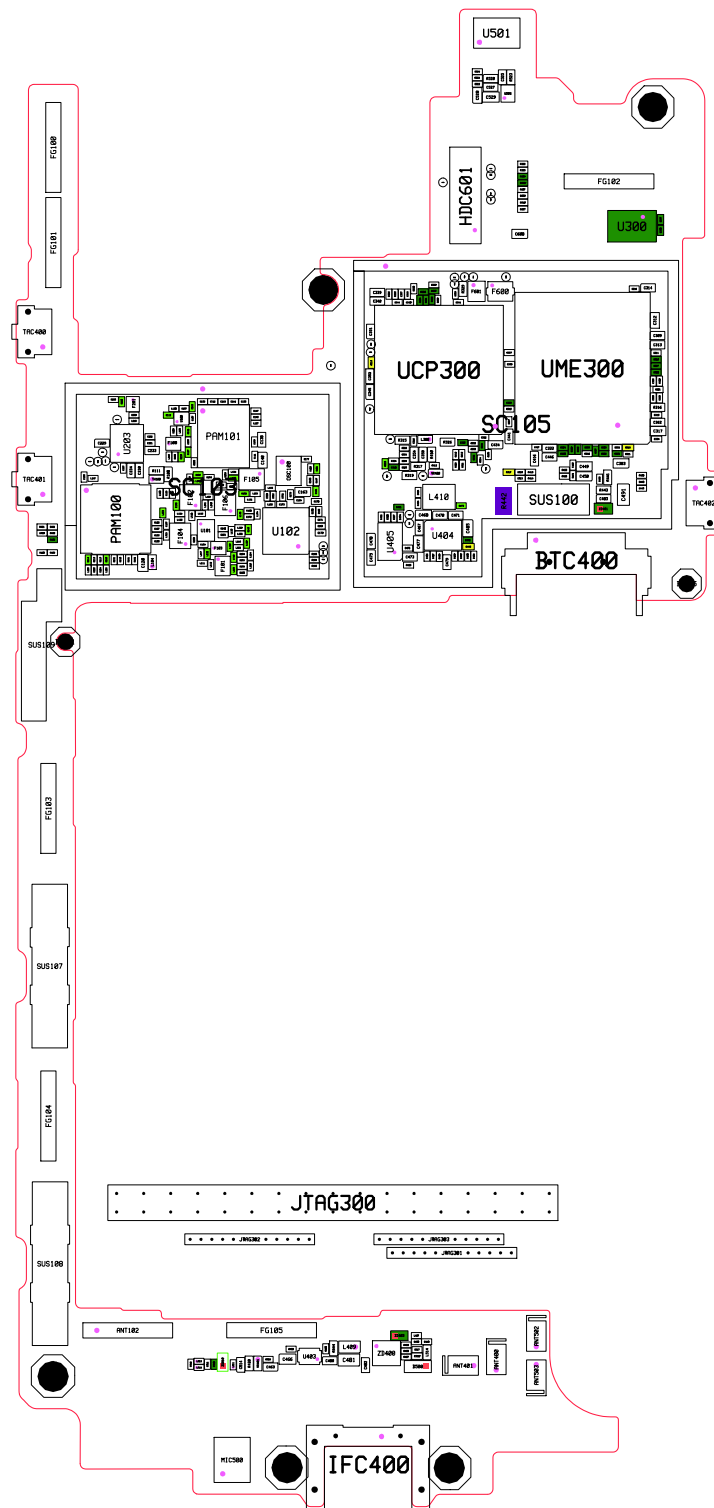
8. Level 3 Repair

8-1. Block Diagram



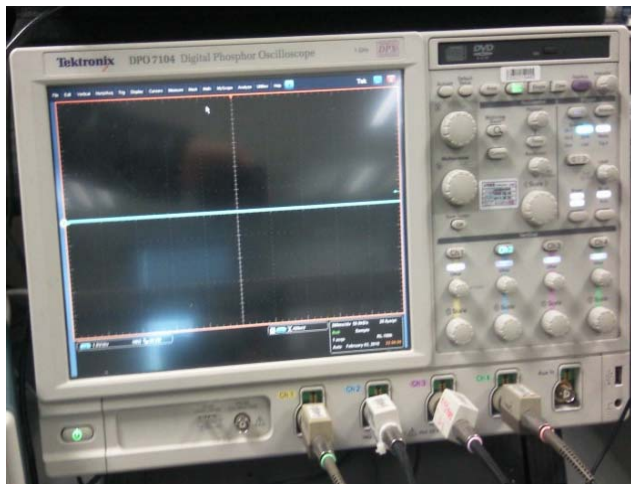


8-2-2. Bottom



8-3. Flow Chart of Troubleshooting

Equipments



↑ Oscilloscope



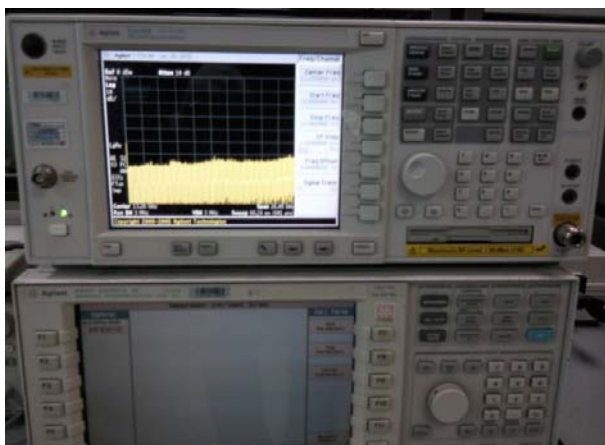
↑ Digital Multimeter



↑ Power Supply



↑ + driver, ESD Safe Tweezer

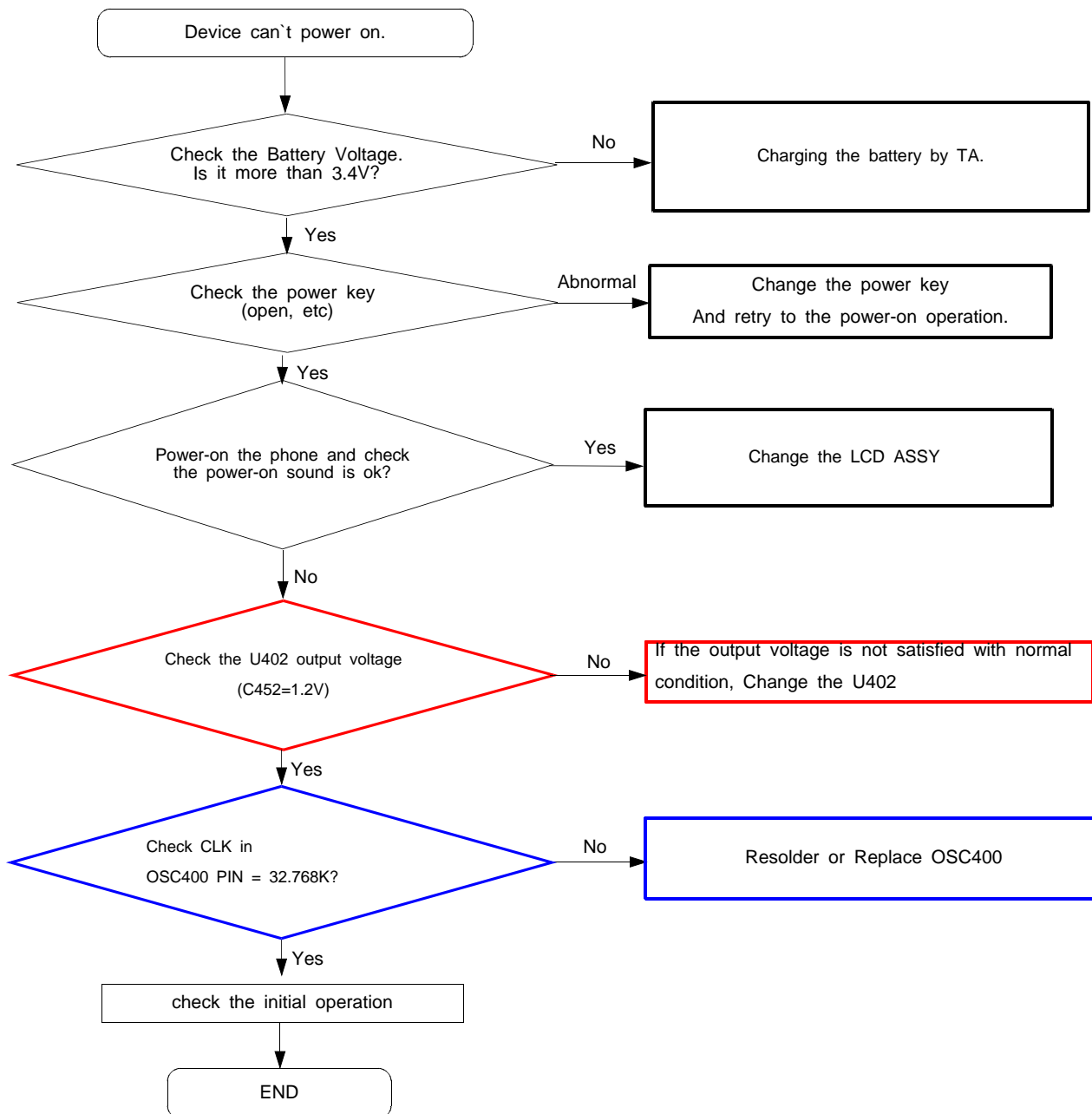


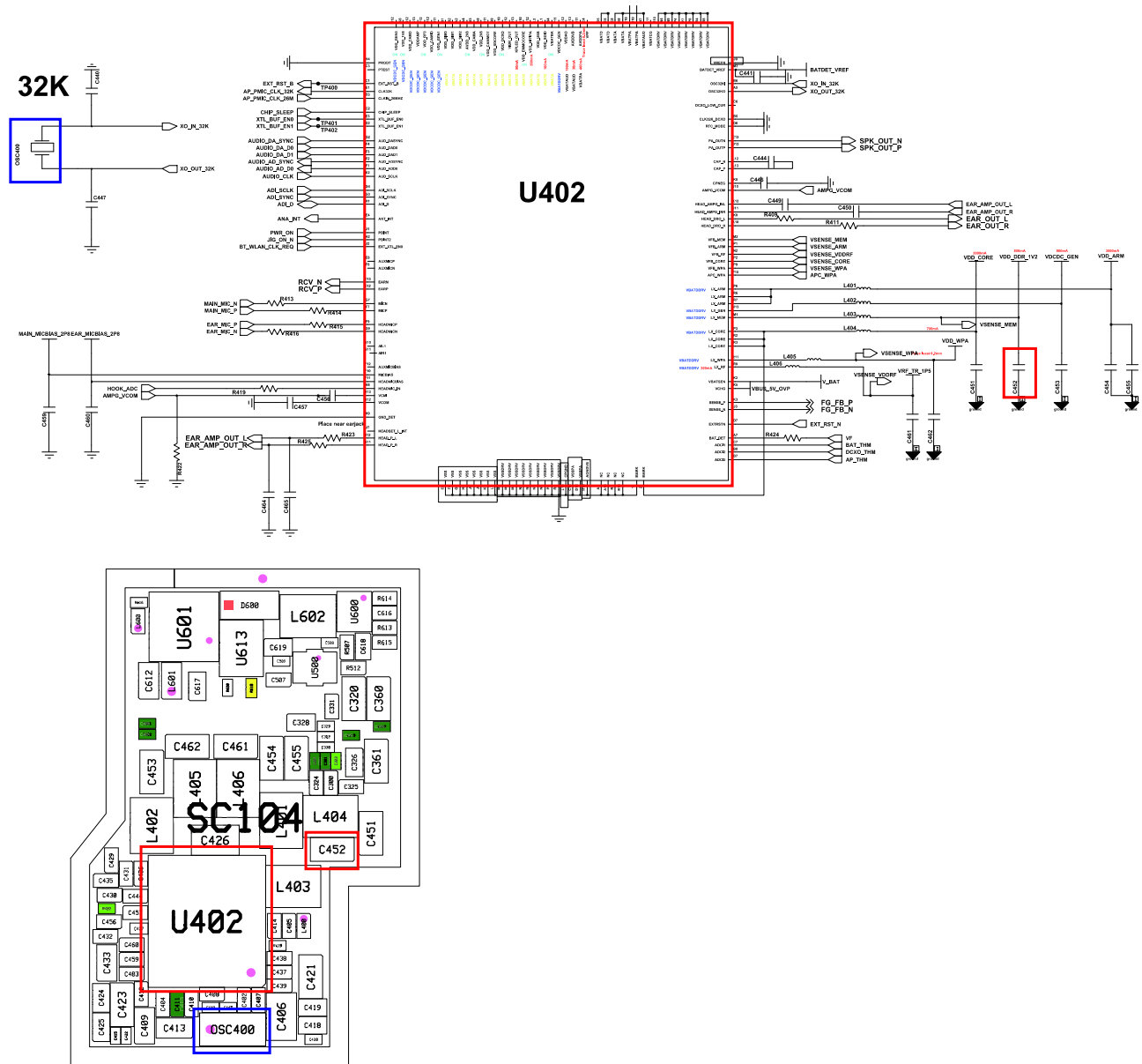
↑ 8960 & Spectrum Analyzer



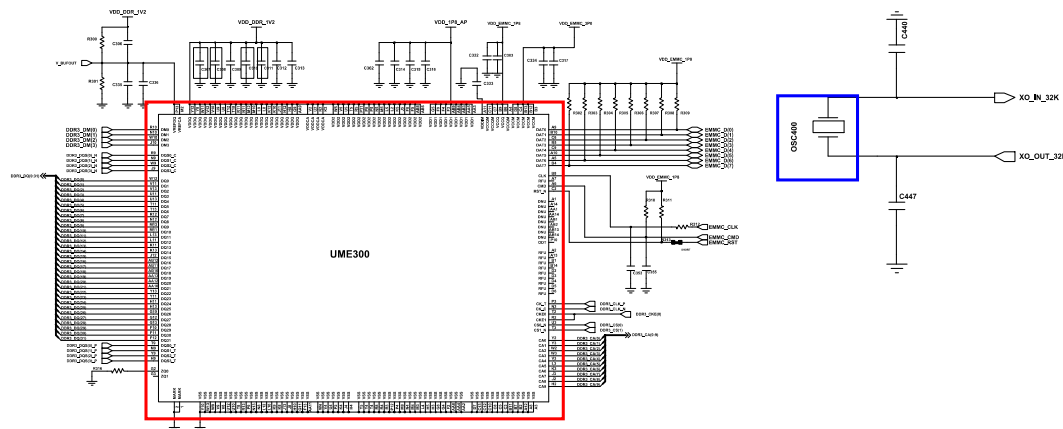
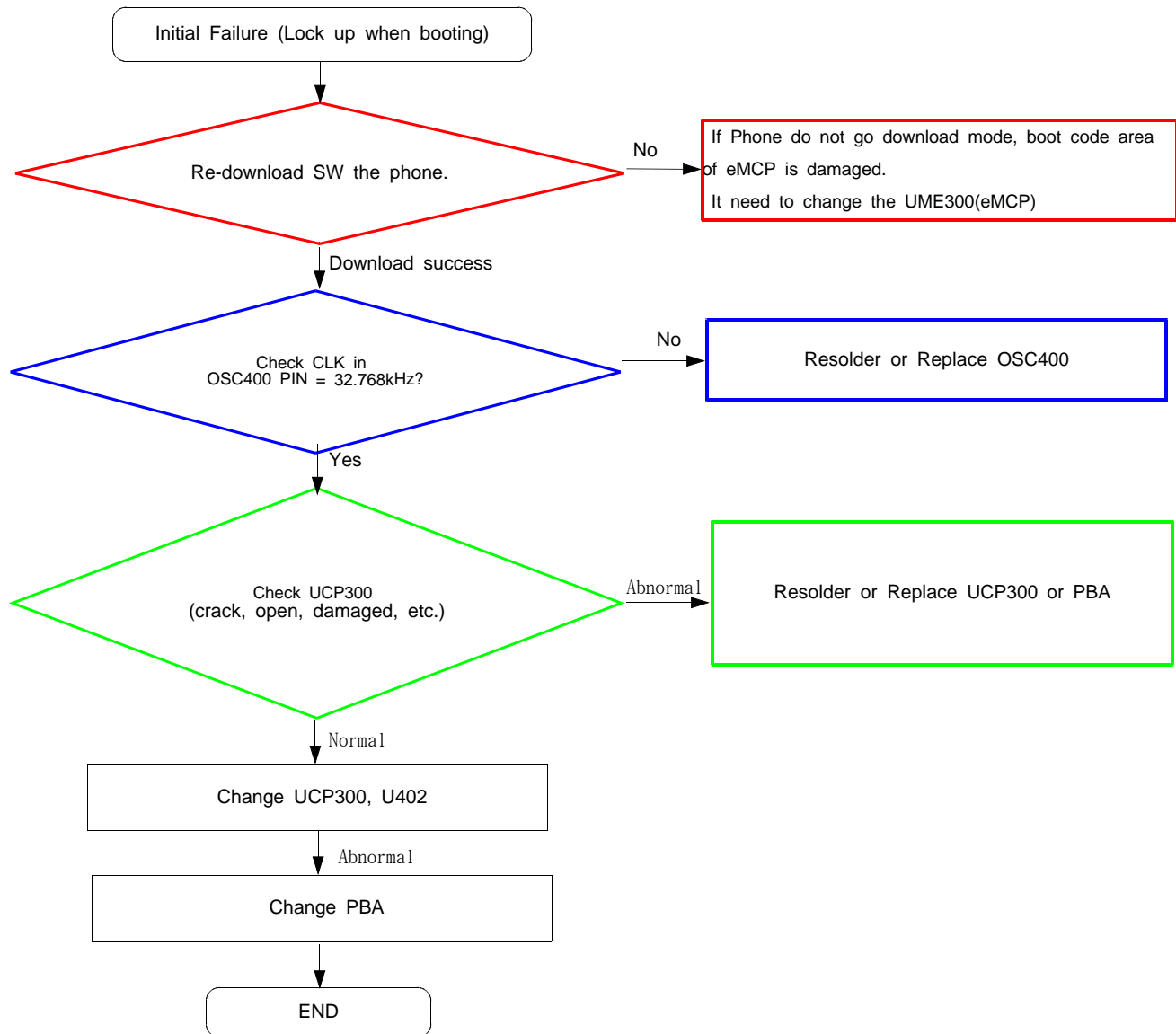
↑ Soldering iron

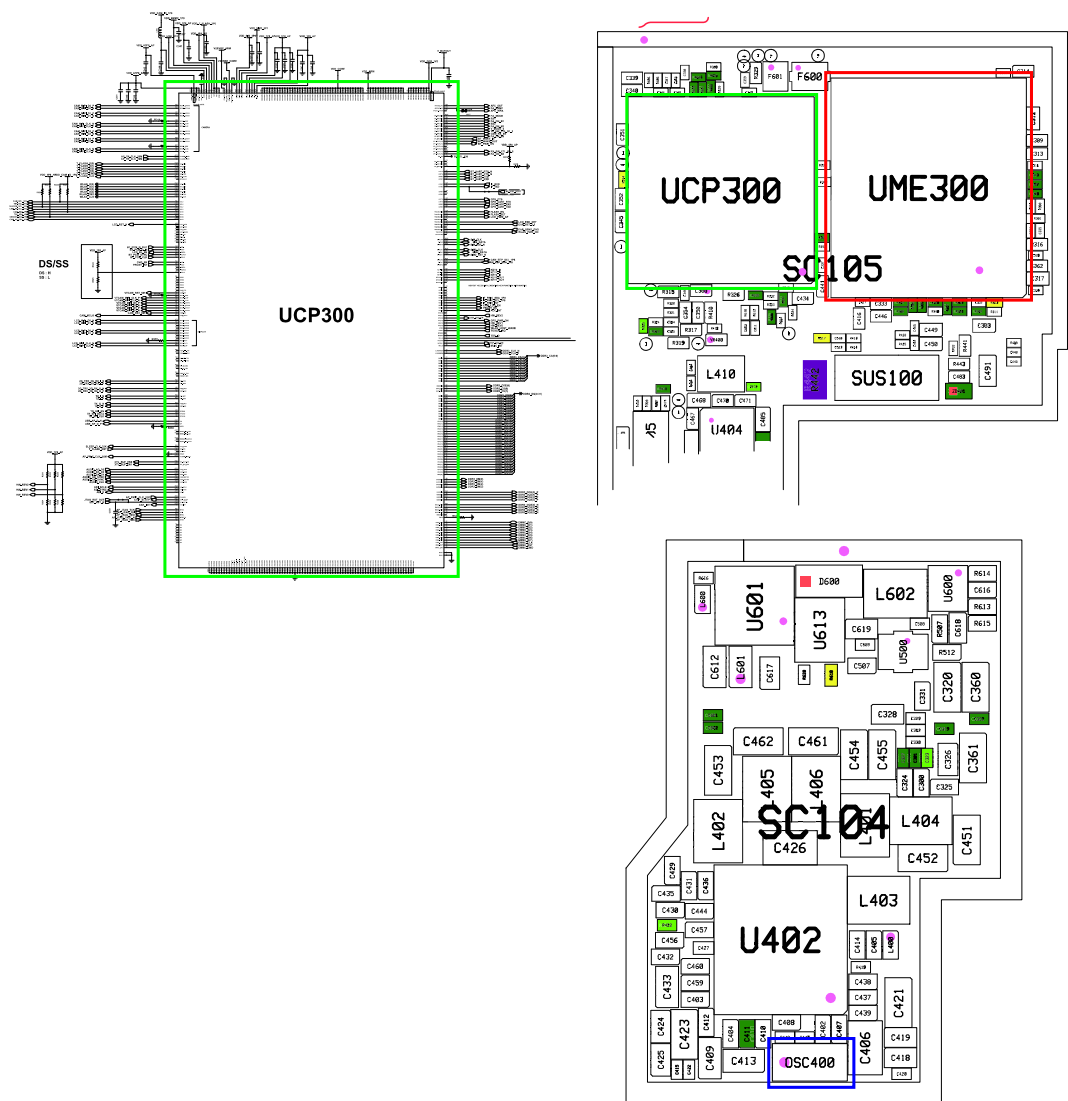
8-3-1. Power On



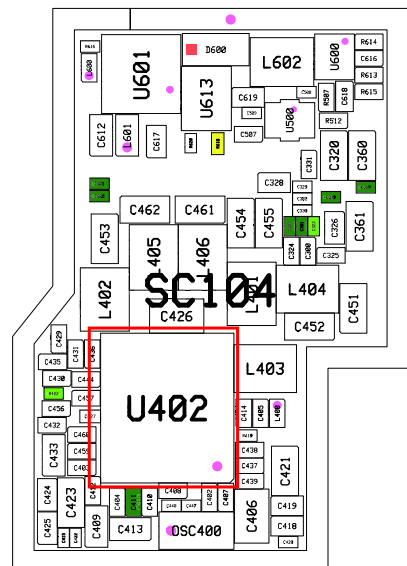
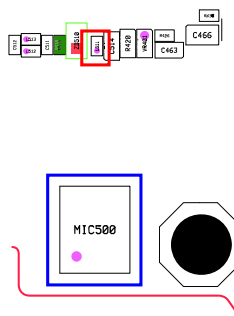
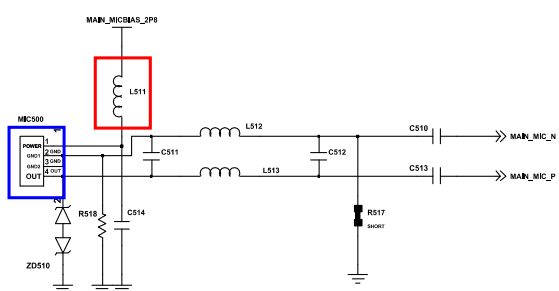
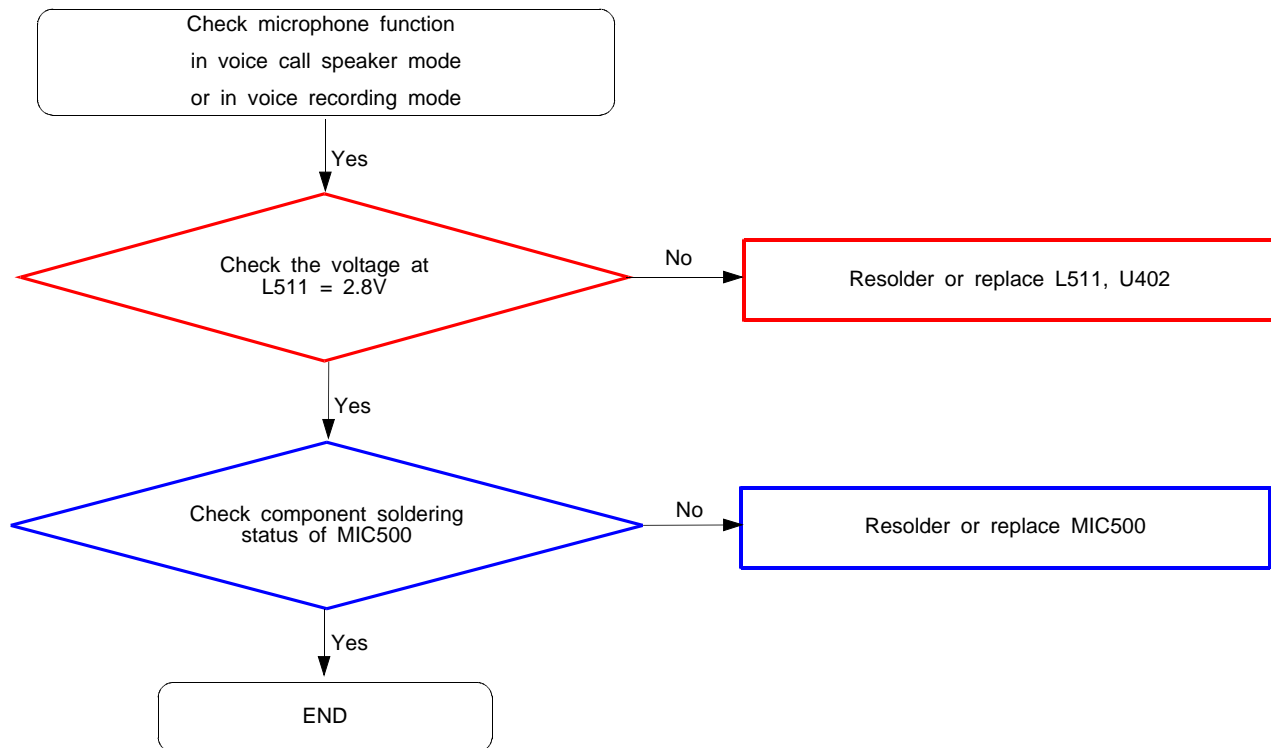


8-3-2. Initial (Lock up)

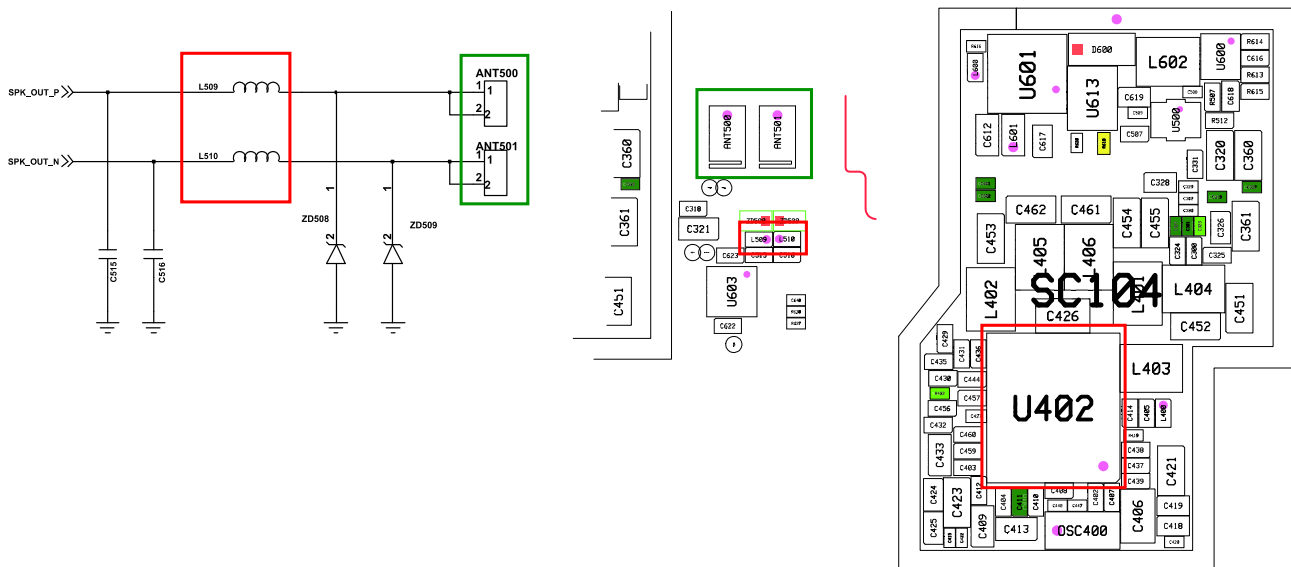
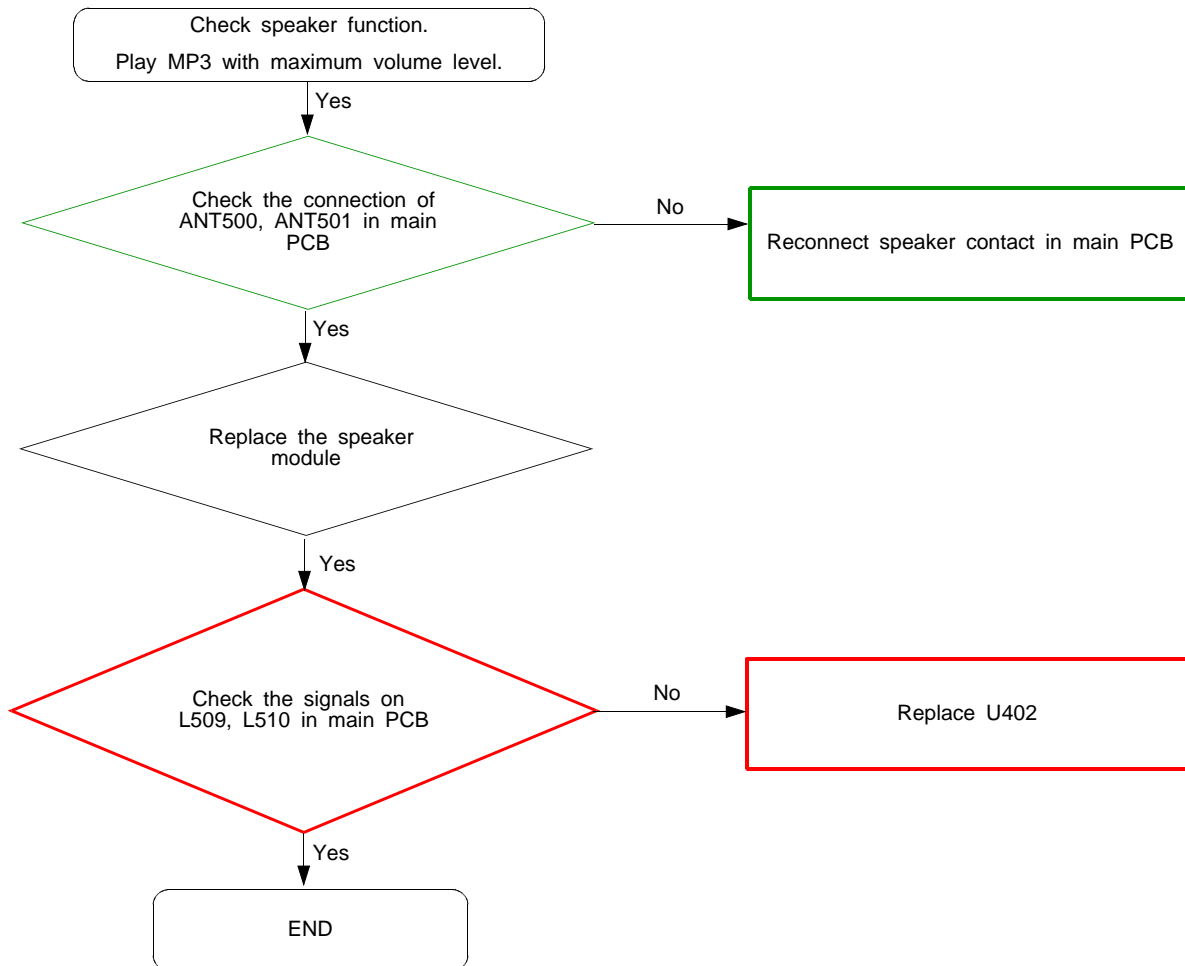




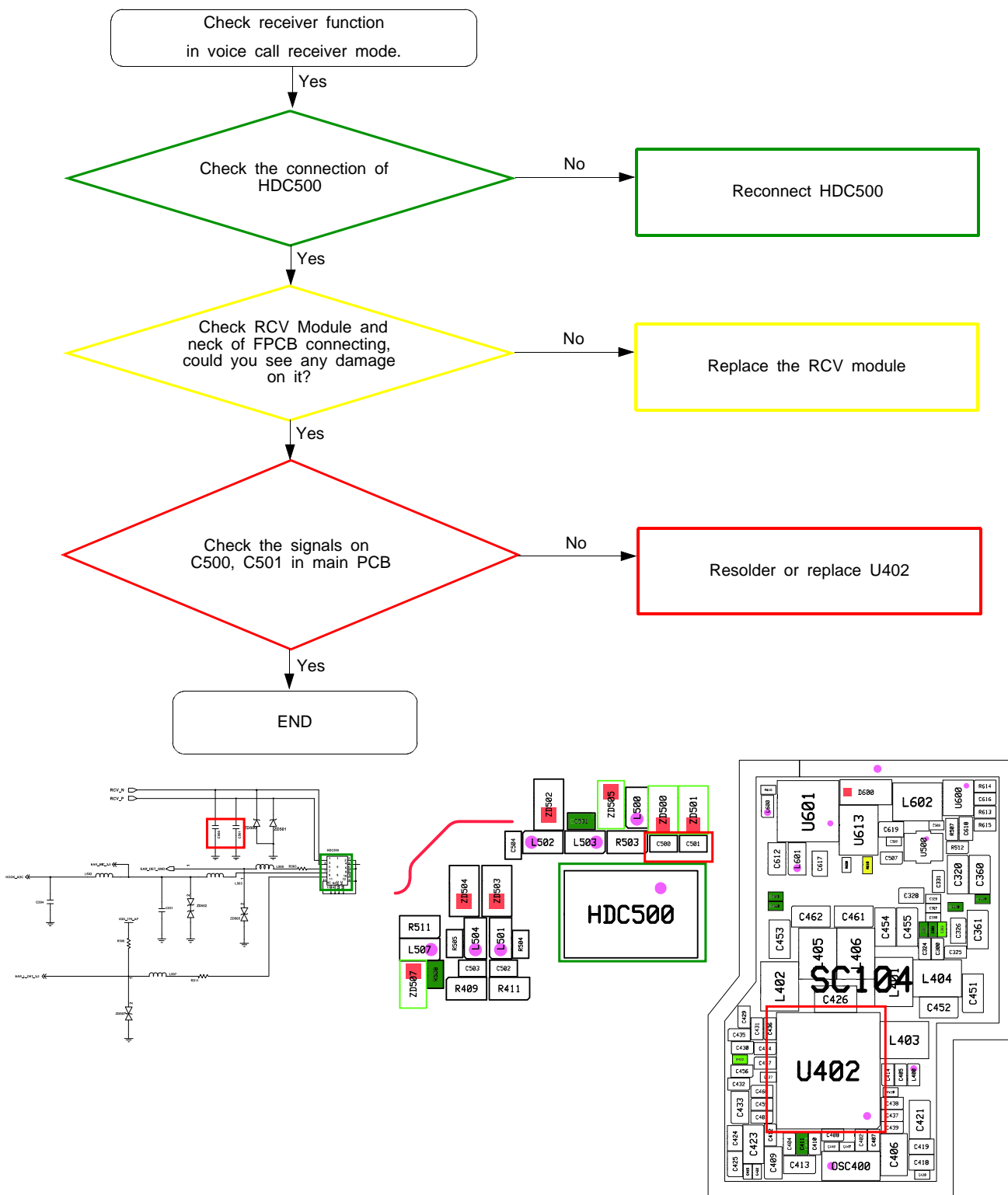
8-3-4. Microphone Part



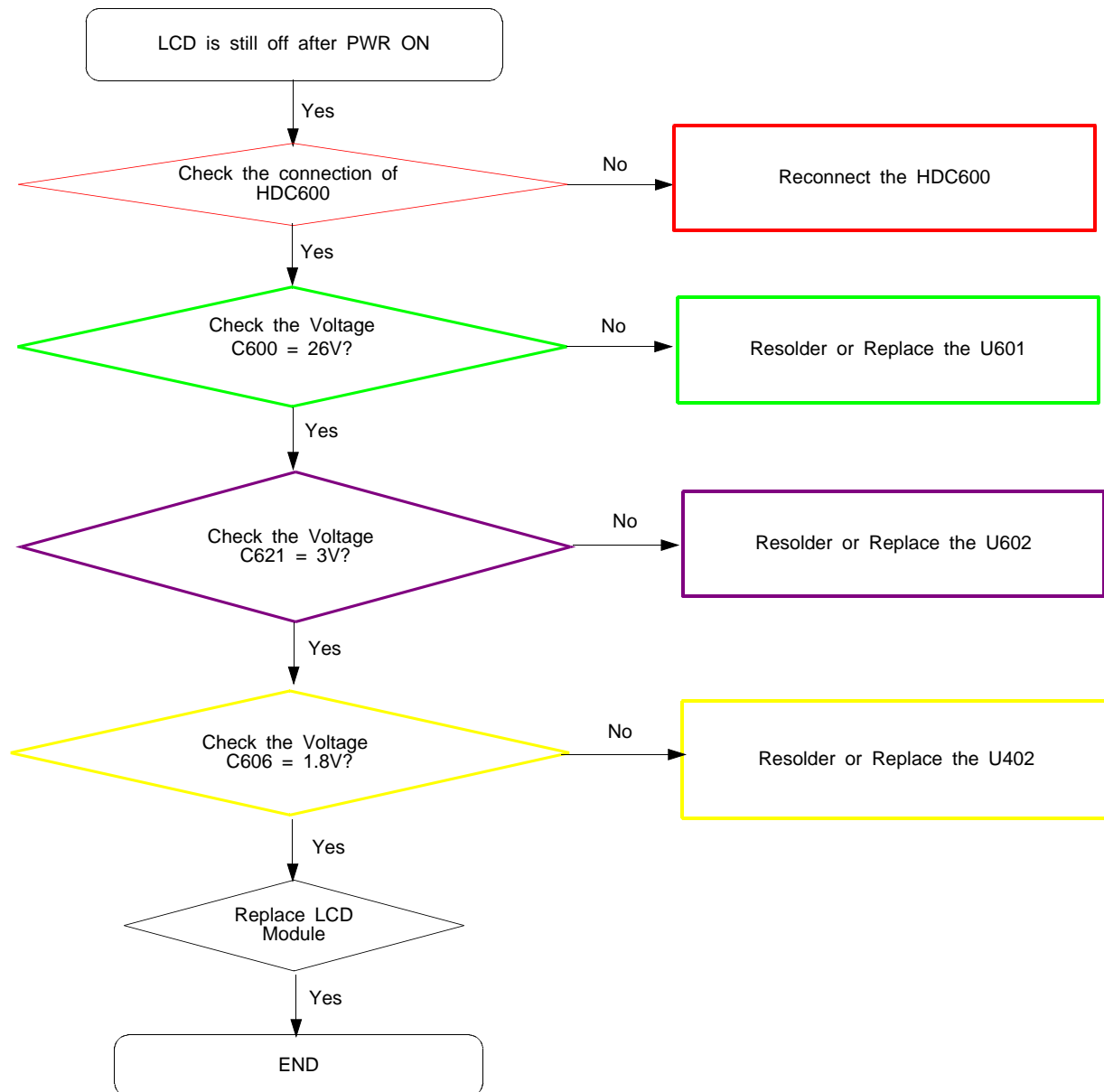
8-3-5. Speaker Part

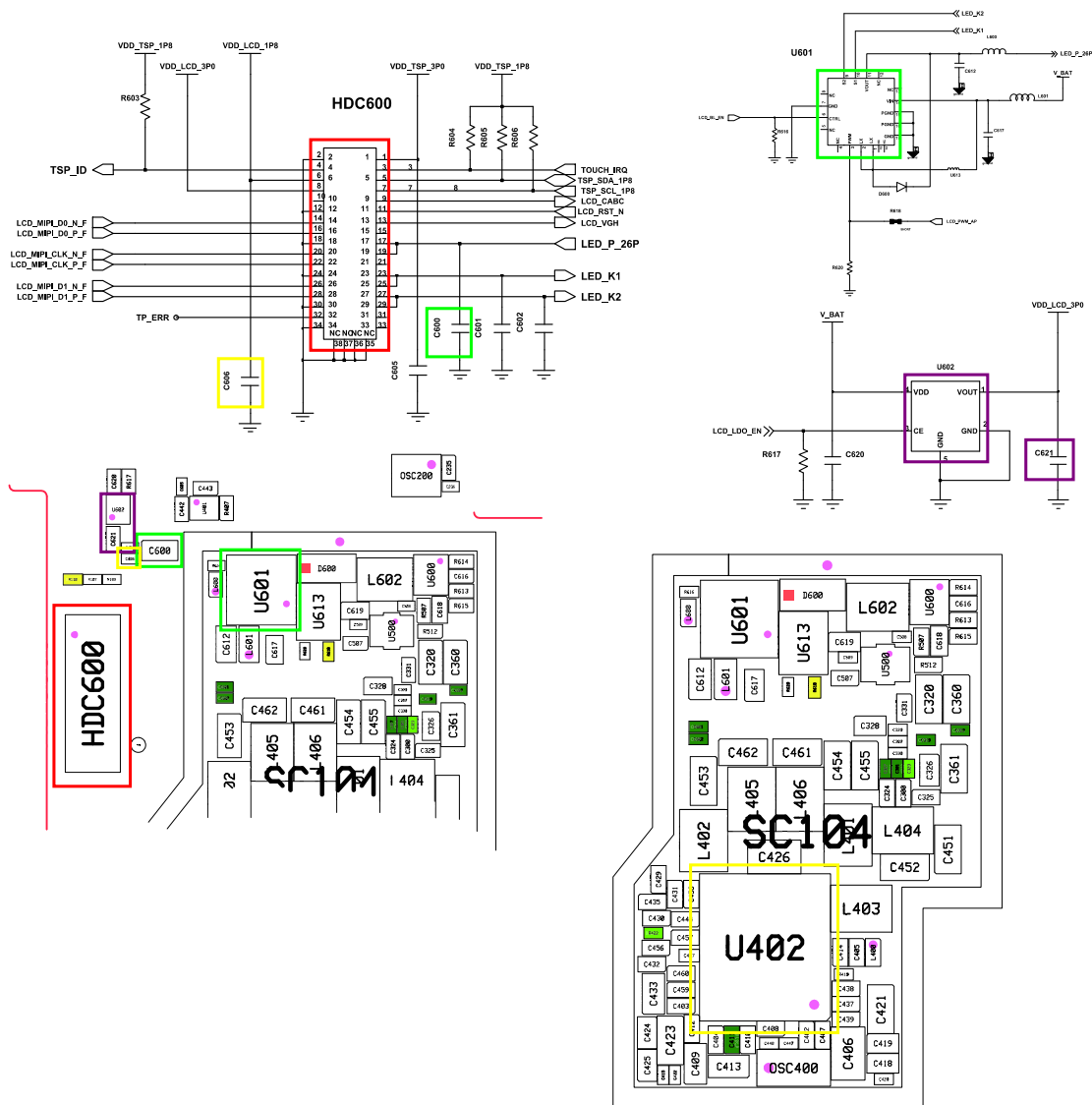


8-3-6. Receiver Part

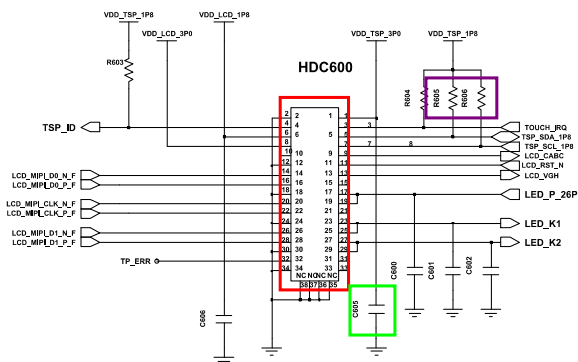
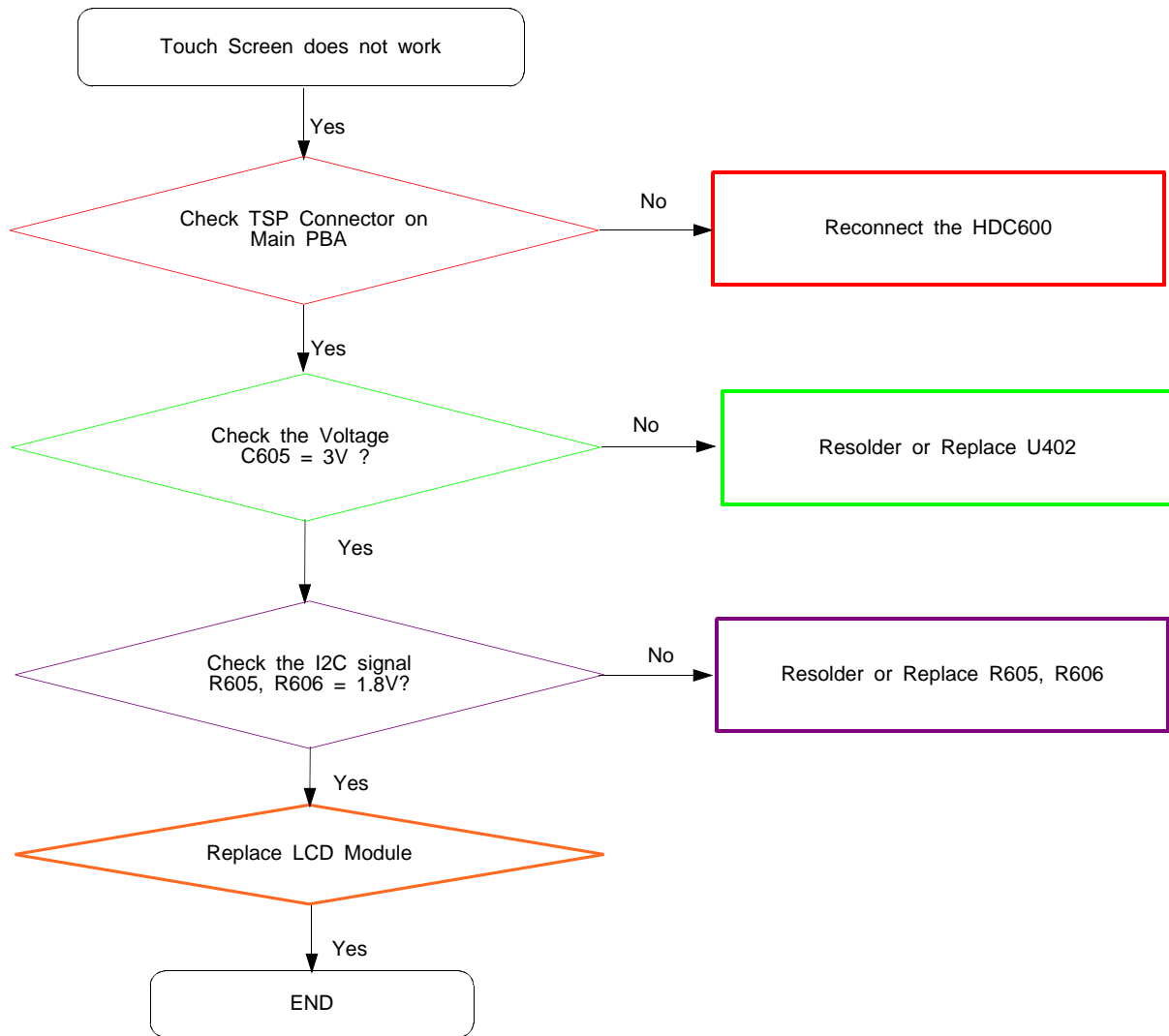


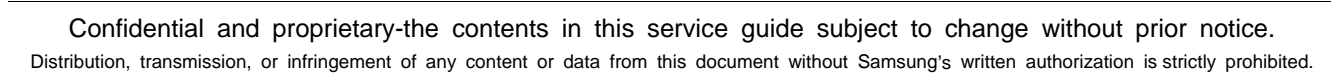
8-3-7. LCD



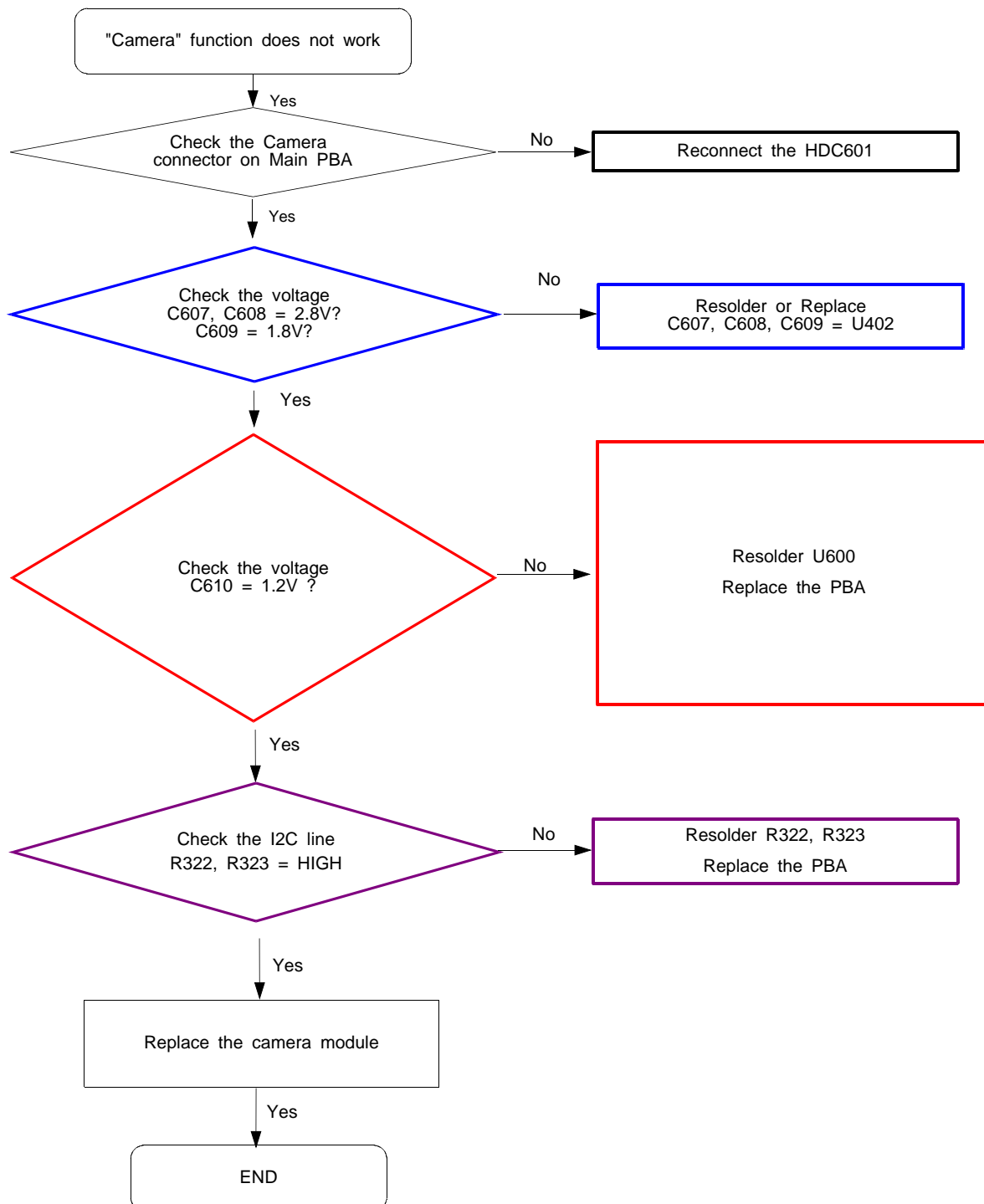


8-3-8. TSP

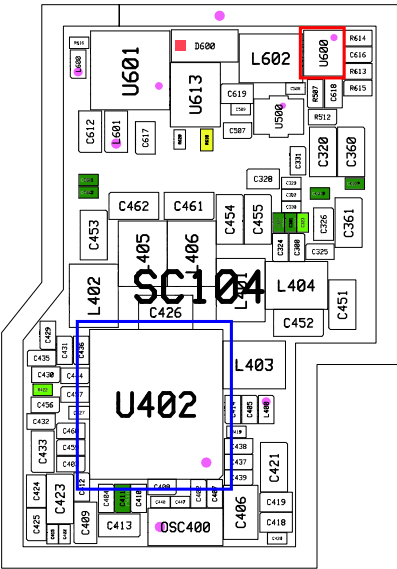




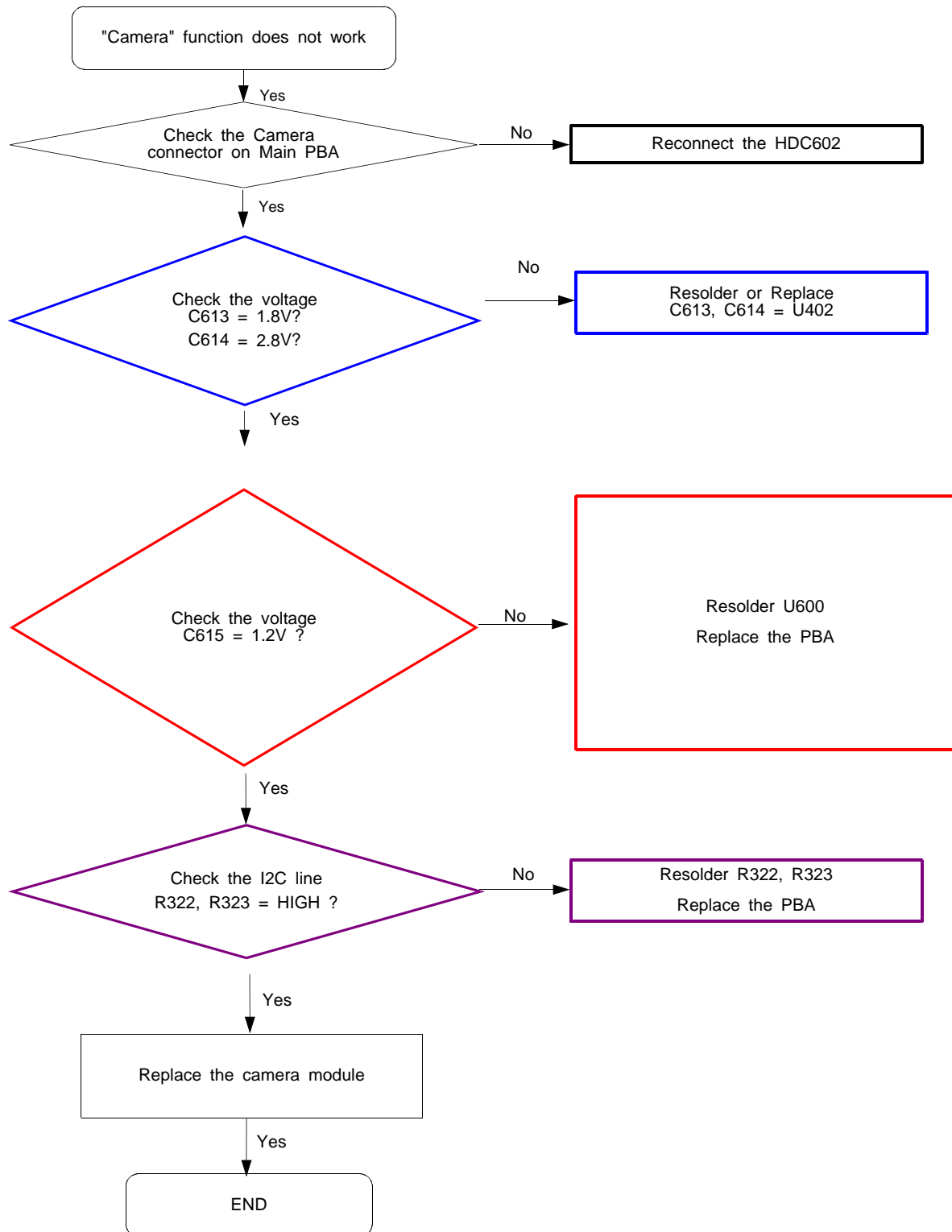
8-3-9. 8M CAM (Main)

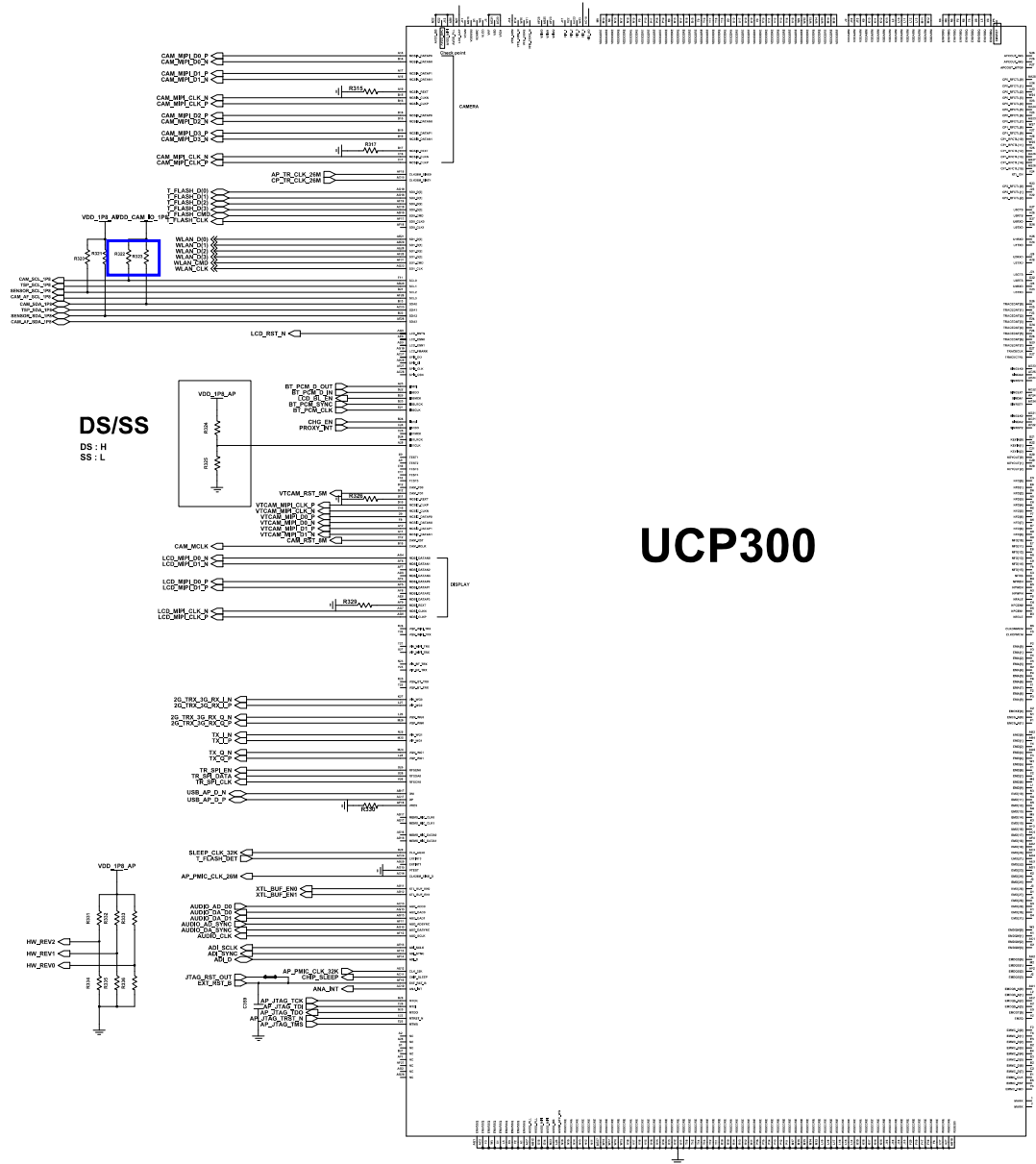


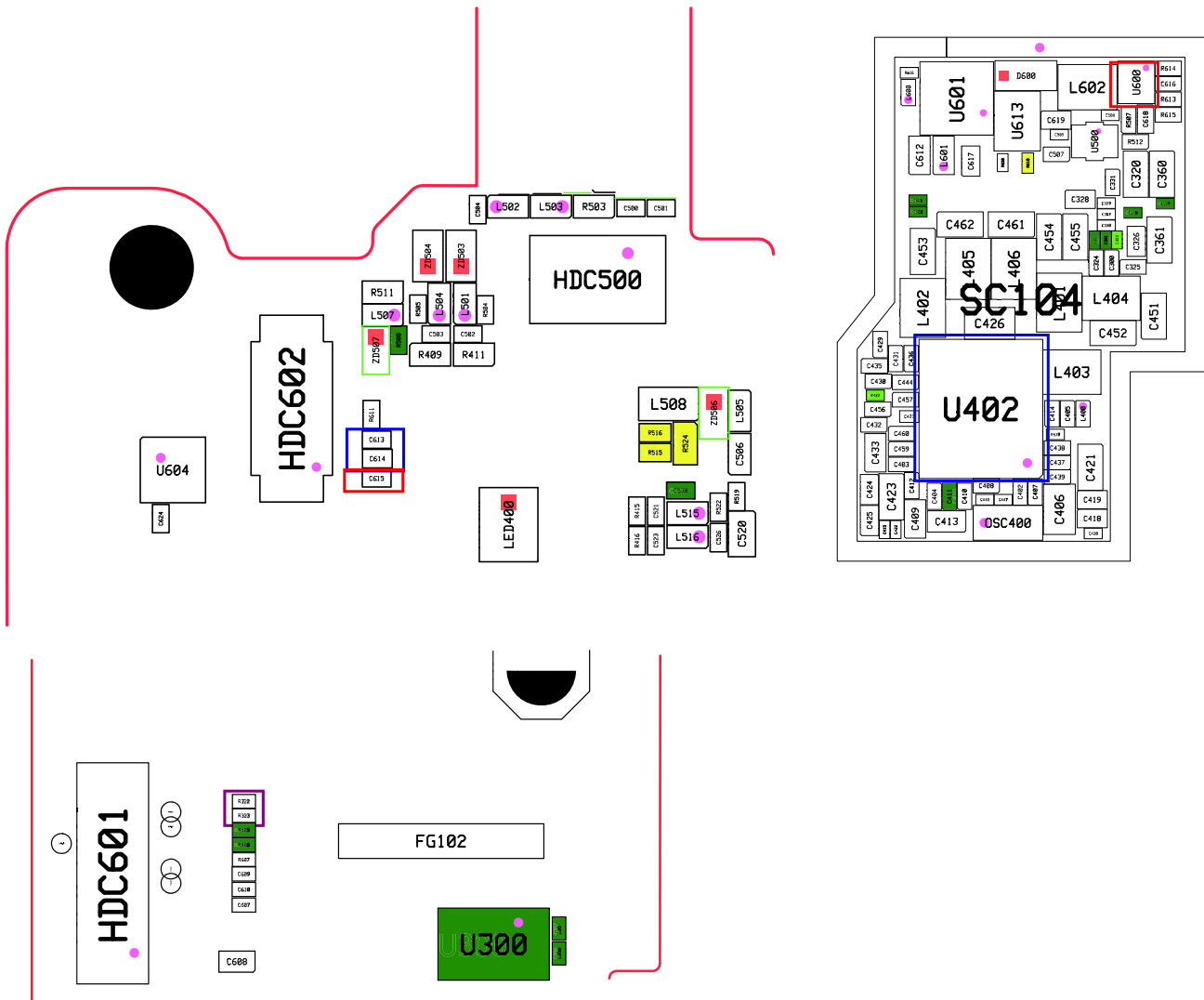




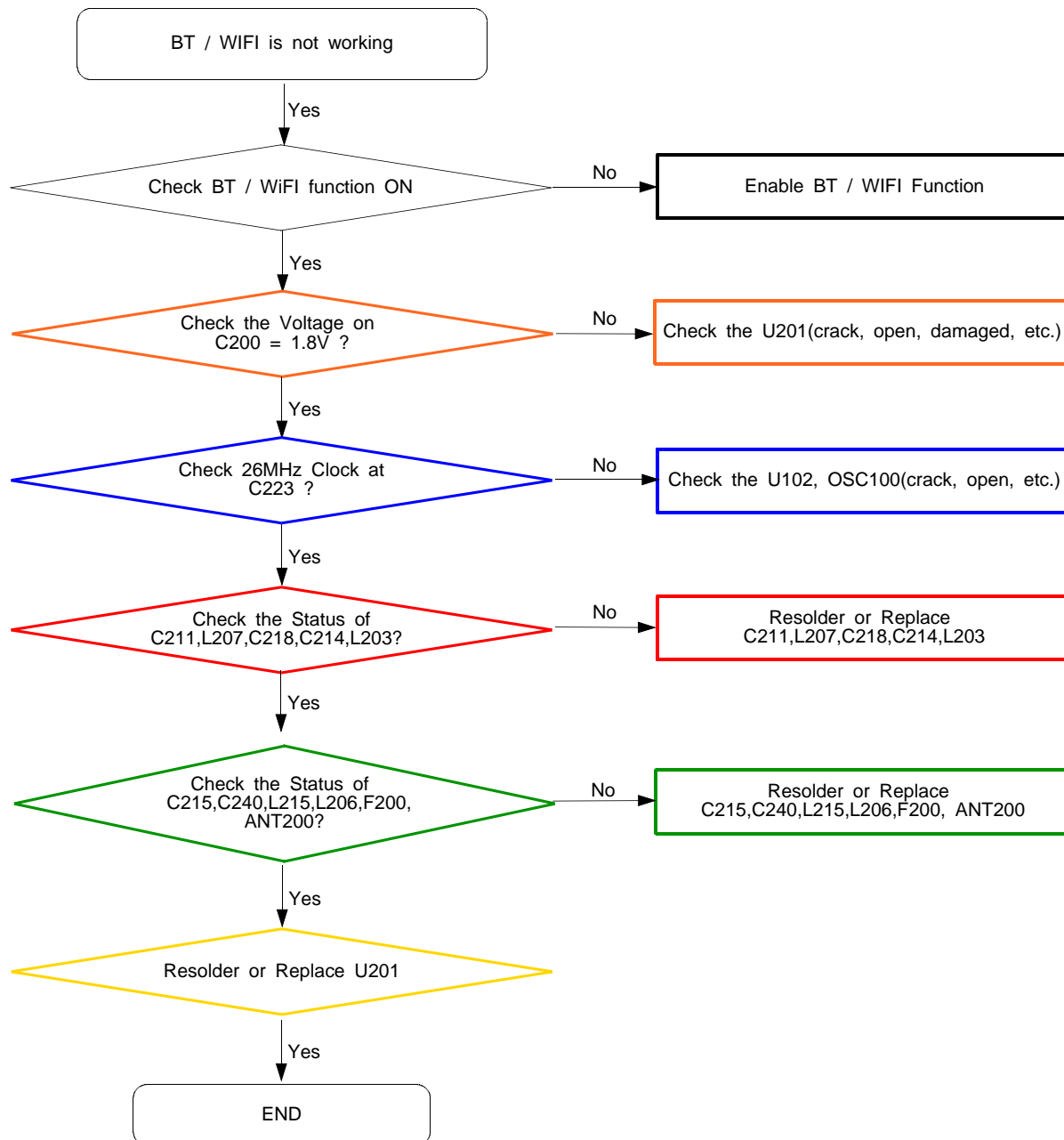
8-3-10. 5M CAM (Sub)

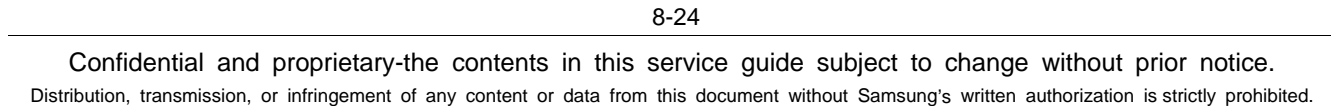


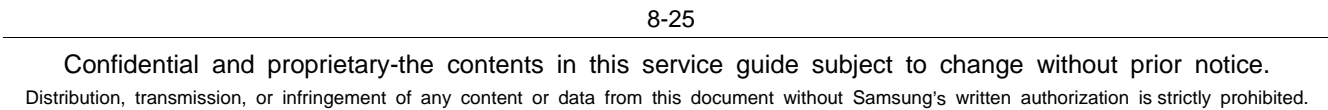




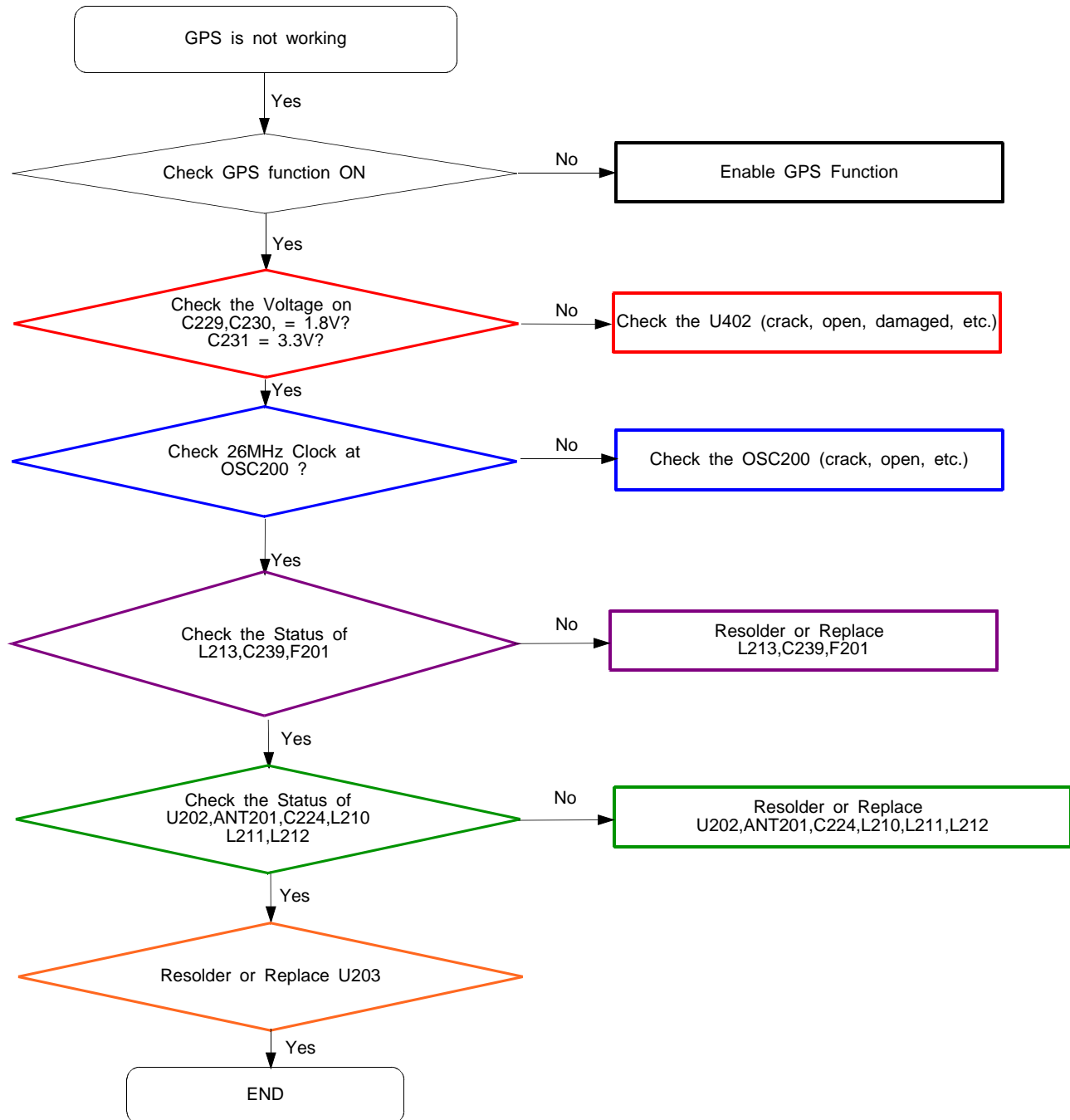
8-3-11. WIFI / BT Part

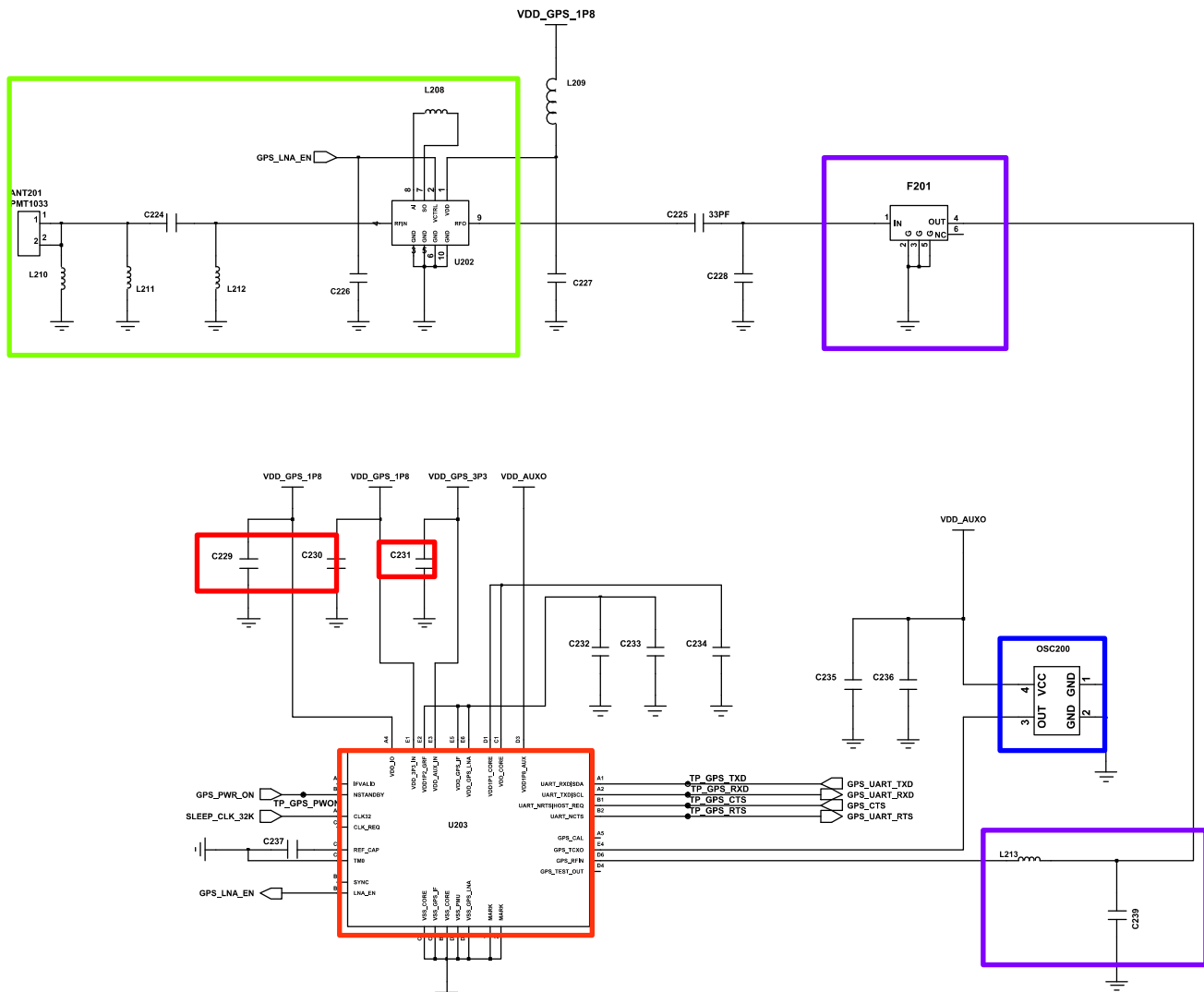


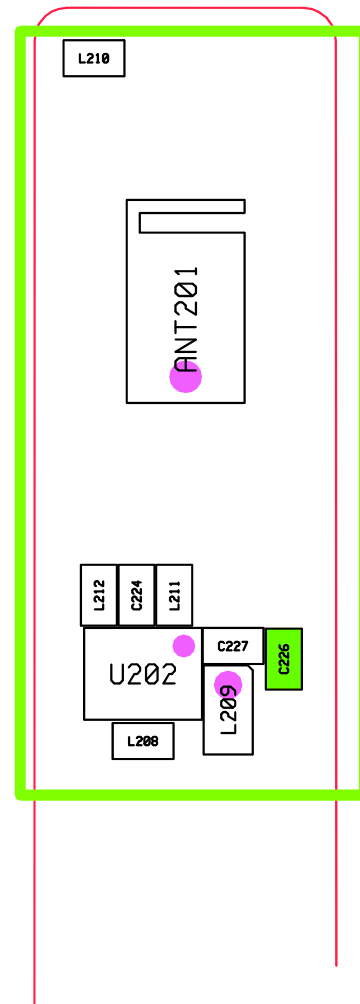
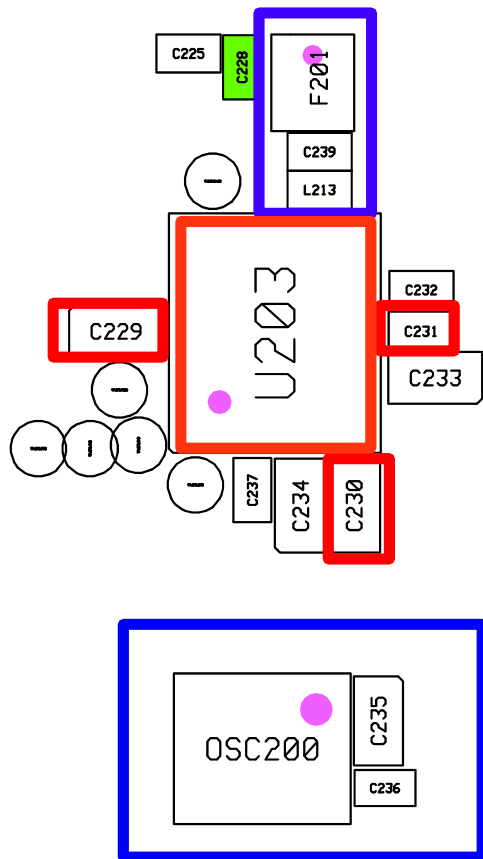




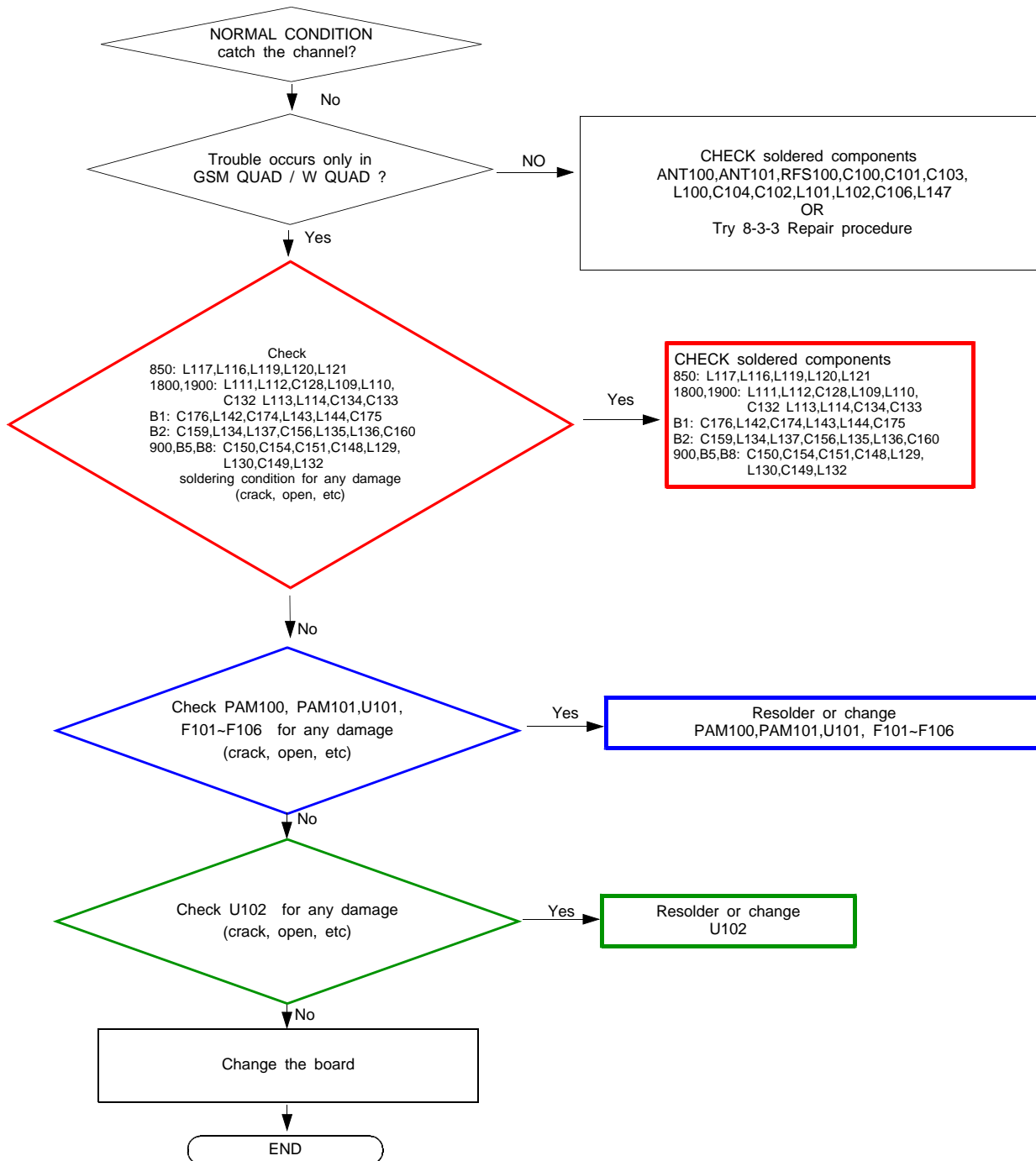
8-3-12. GPS Part

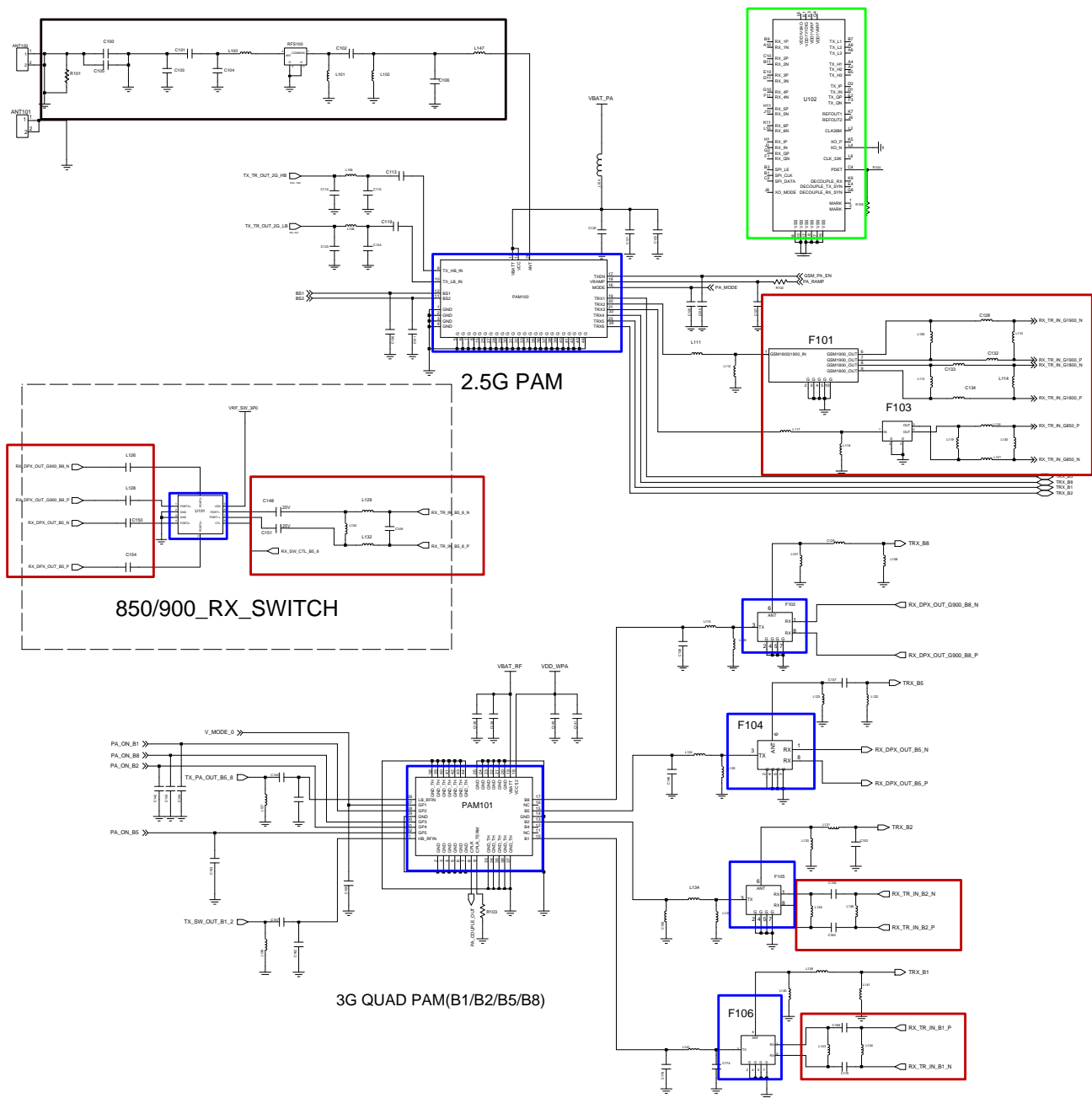


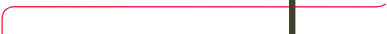




8-3-13. GSM 850,900,1800,1900 / WCDMA BAND 1,2,5,8 (RX)







8-3-14. GSM 850,900,1800,1900 / WCDMA BAND 1,2,5,8 (TX)

