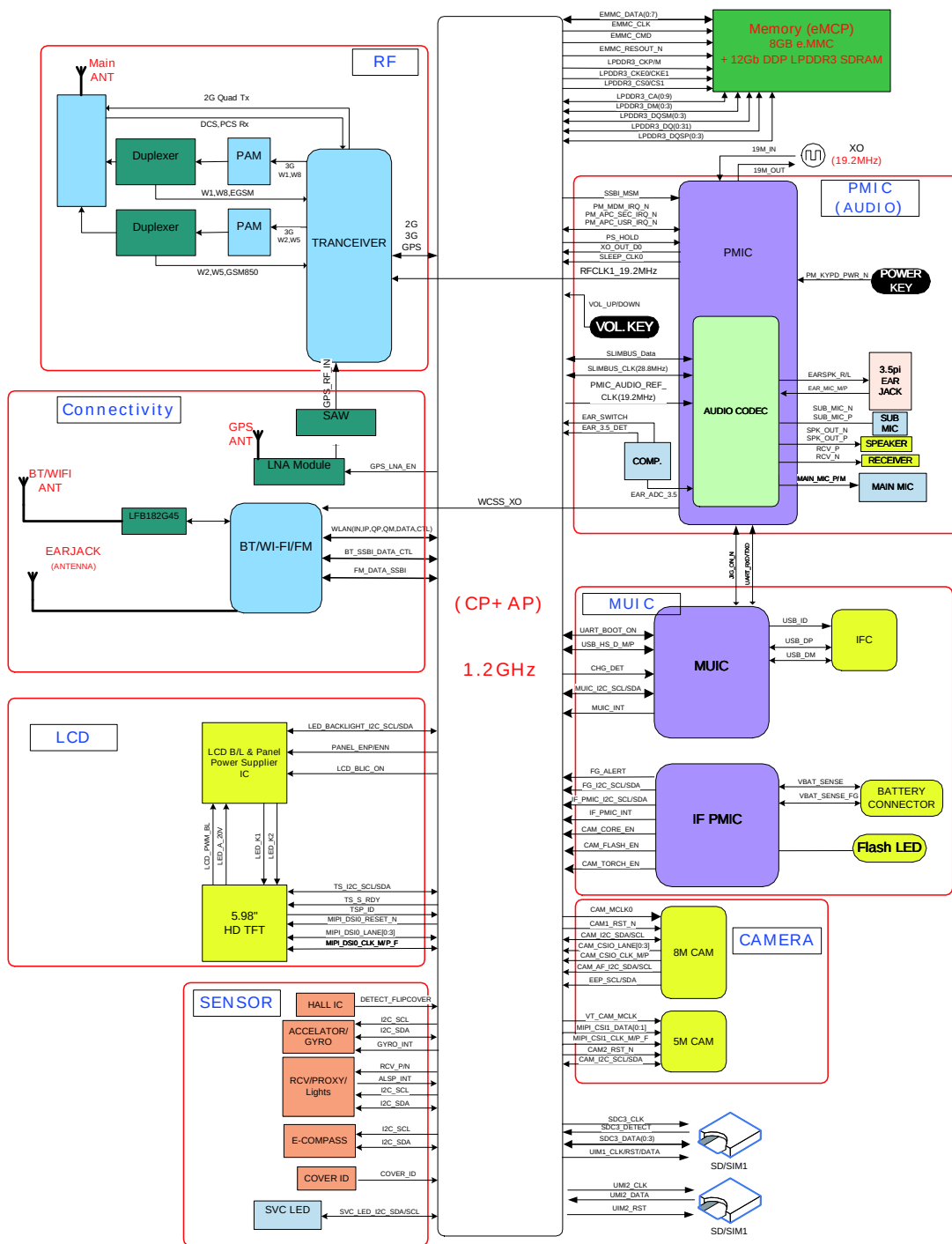
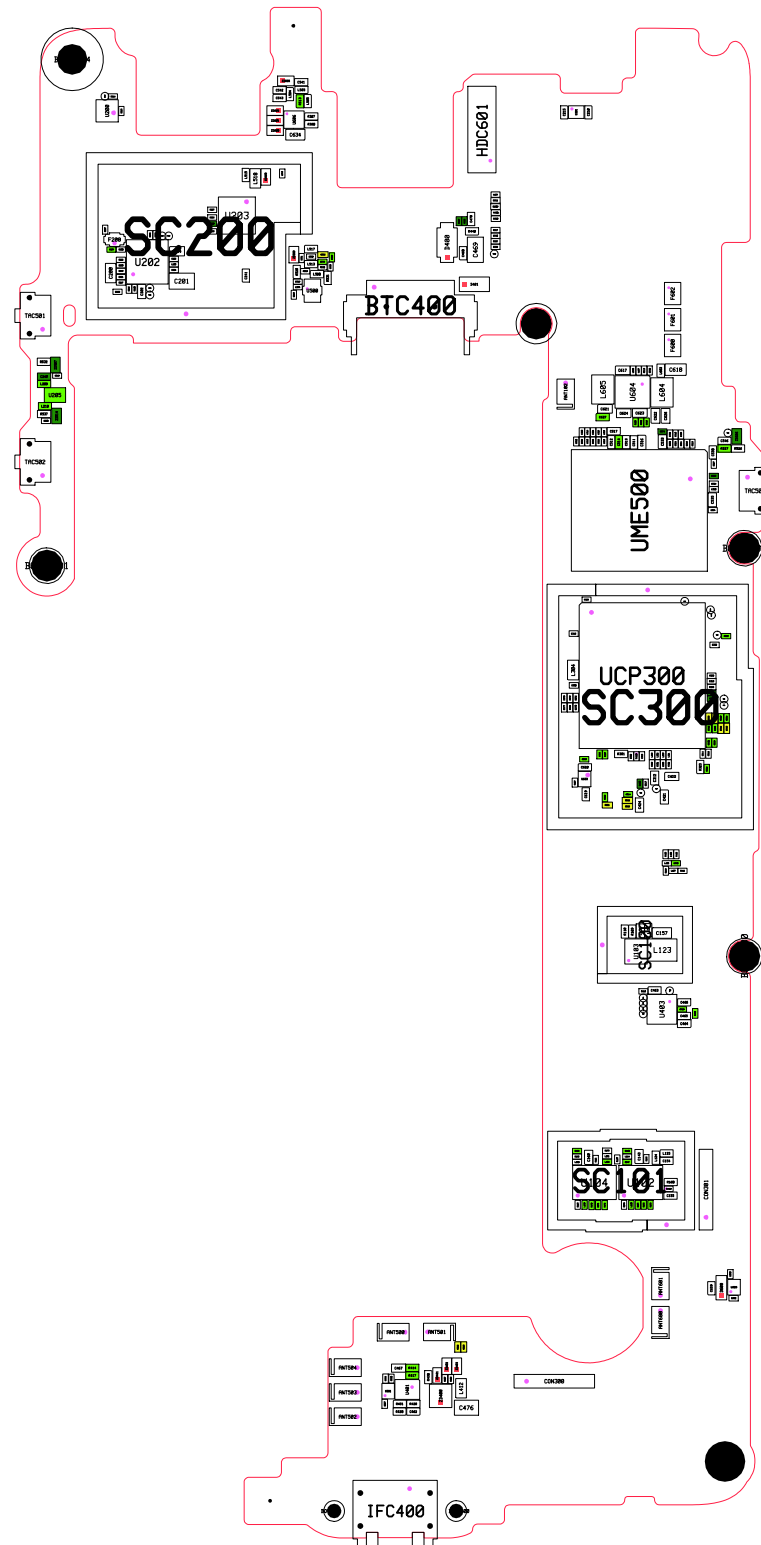


Vasta 3G (SM-G750H) BLOCK DIAGRAM

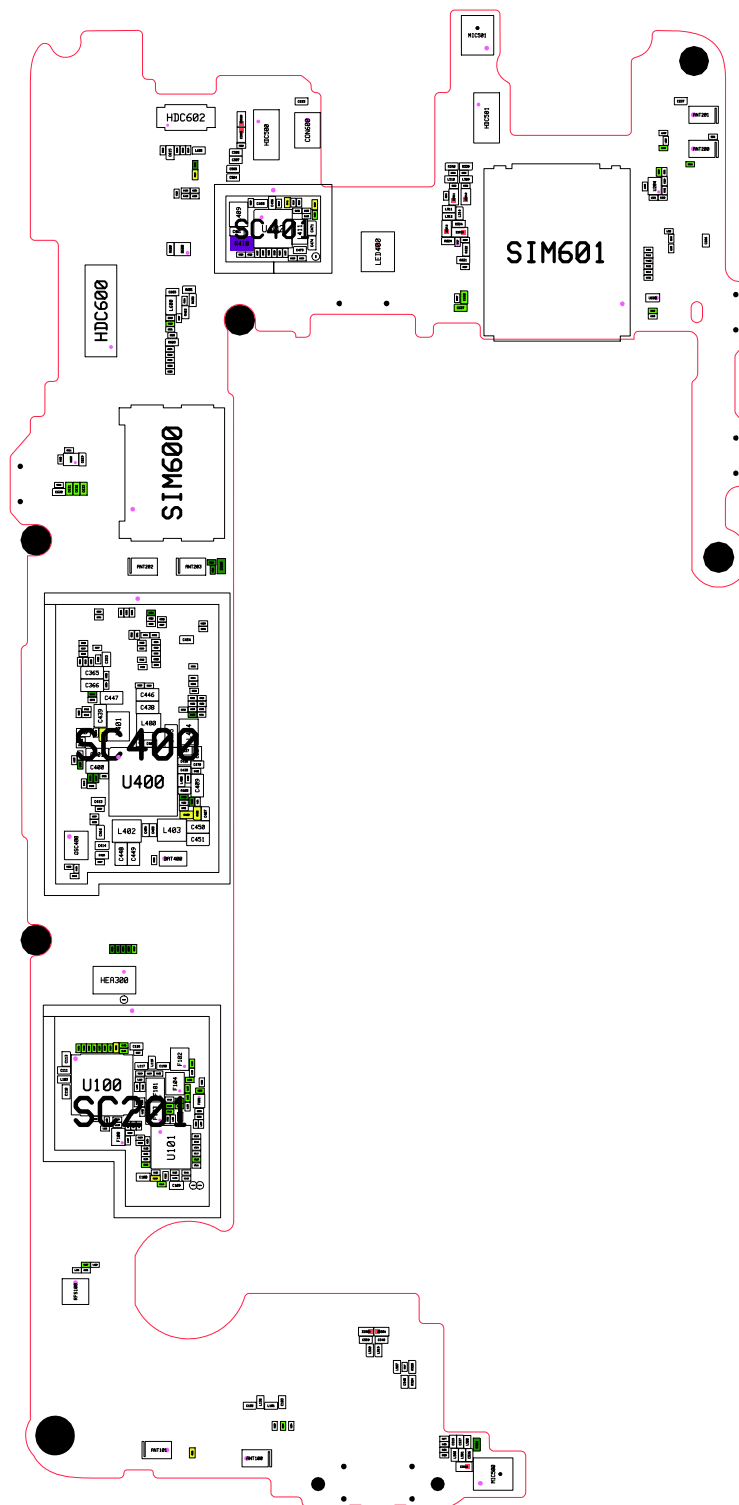


8-2. PCB Diagrams

8-2-1. Top

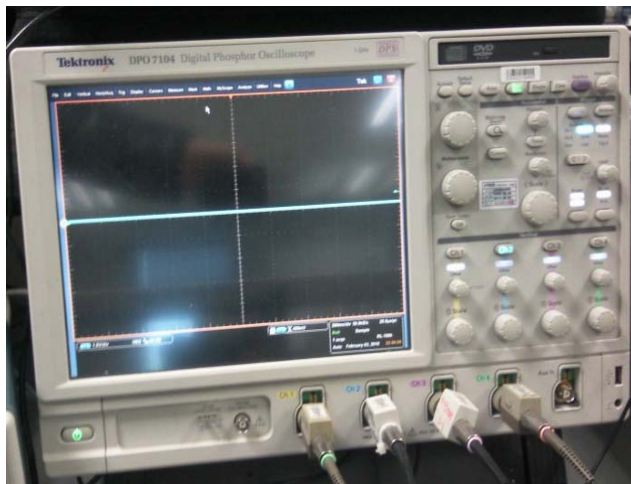


8-2-2. Bottom



8-3. Flow Chart of Troubleshooting

Equipments



↑ Oscilloscope



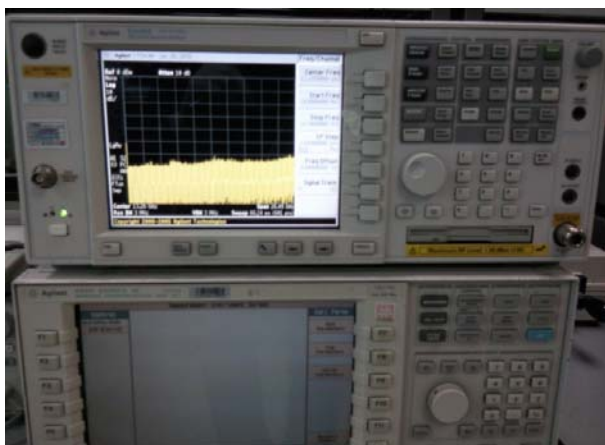
↑ Digital Multimeter



↑ Power Supply



↑ + driver, ESD Safe Tweezer

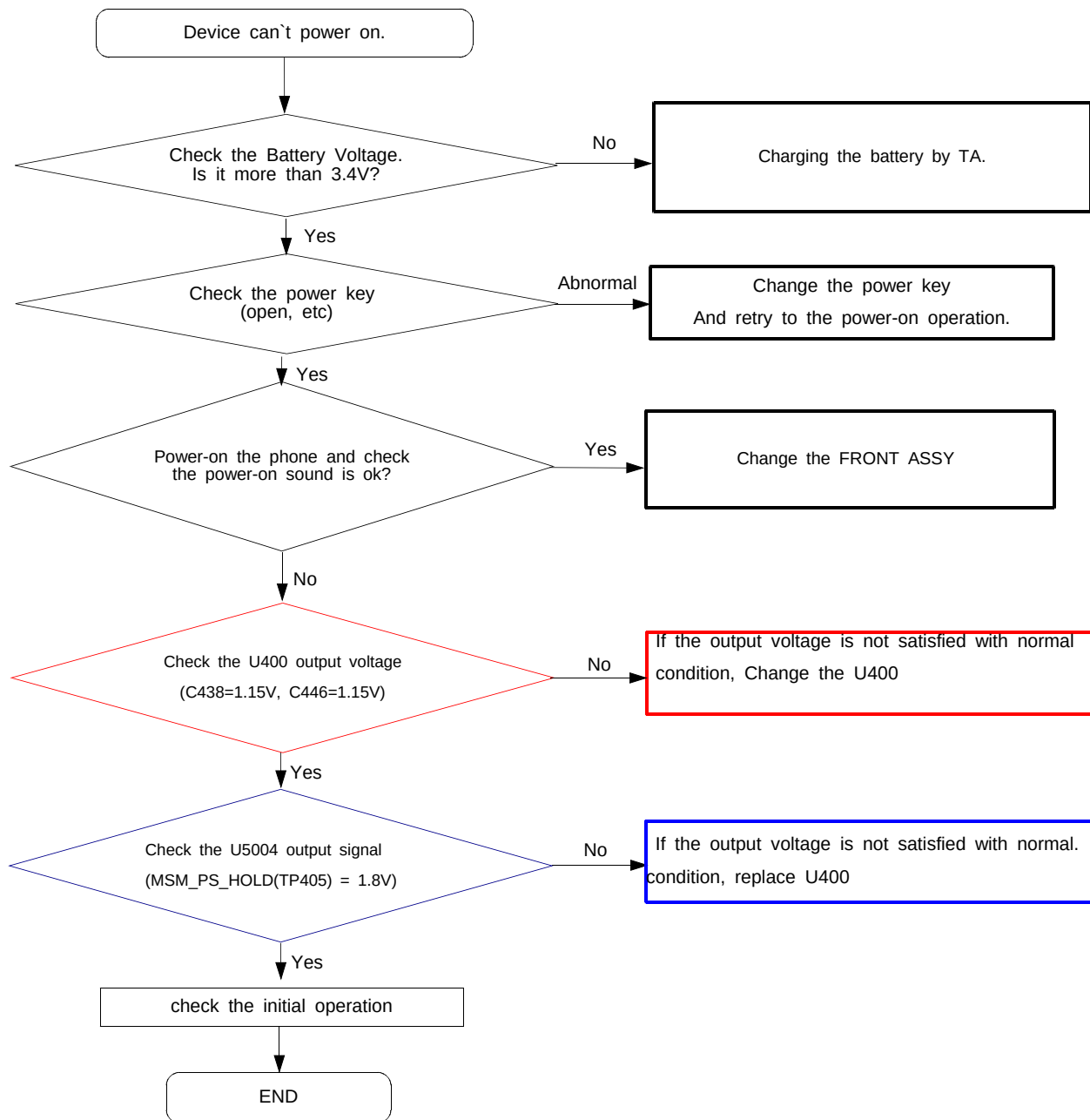


↑ 8960 & Spectrum Analyzer



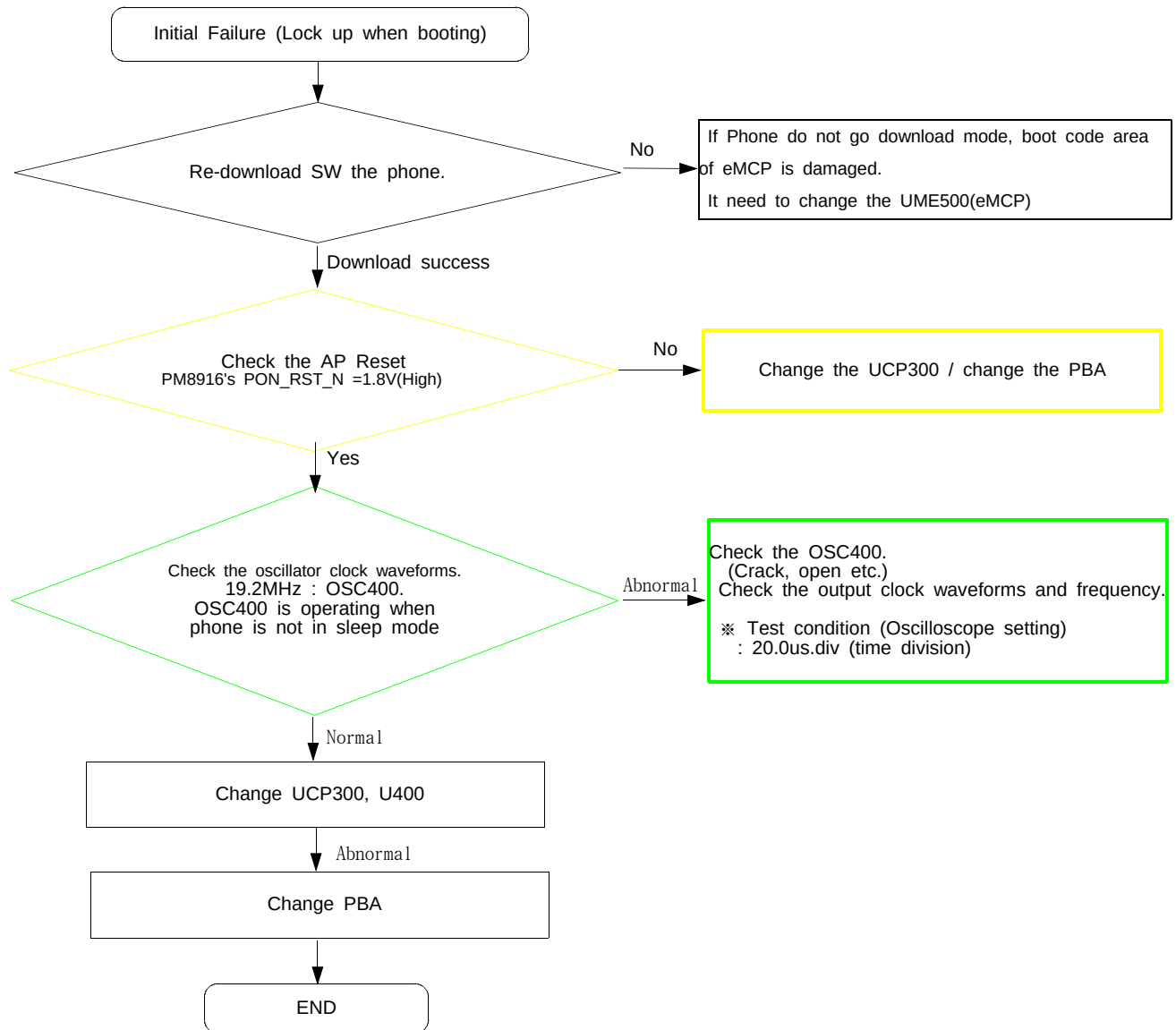
↑ Soldering iron

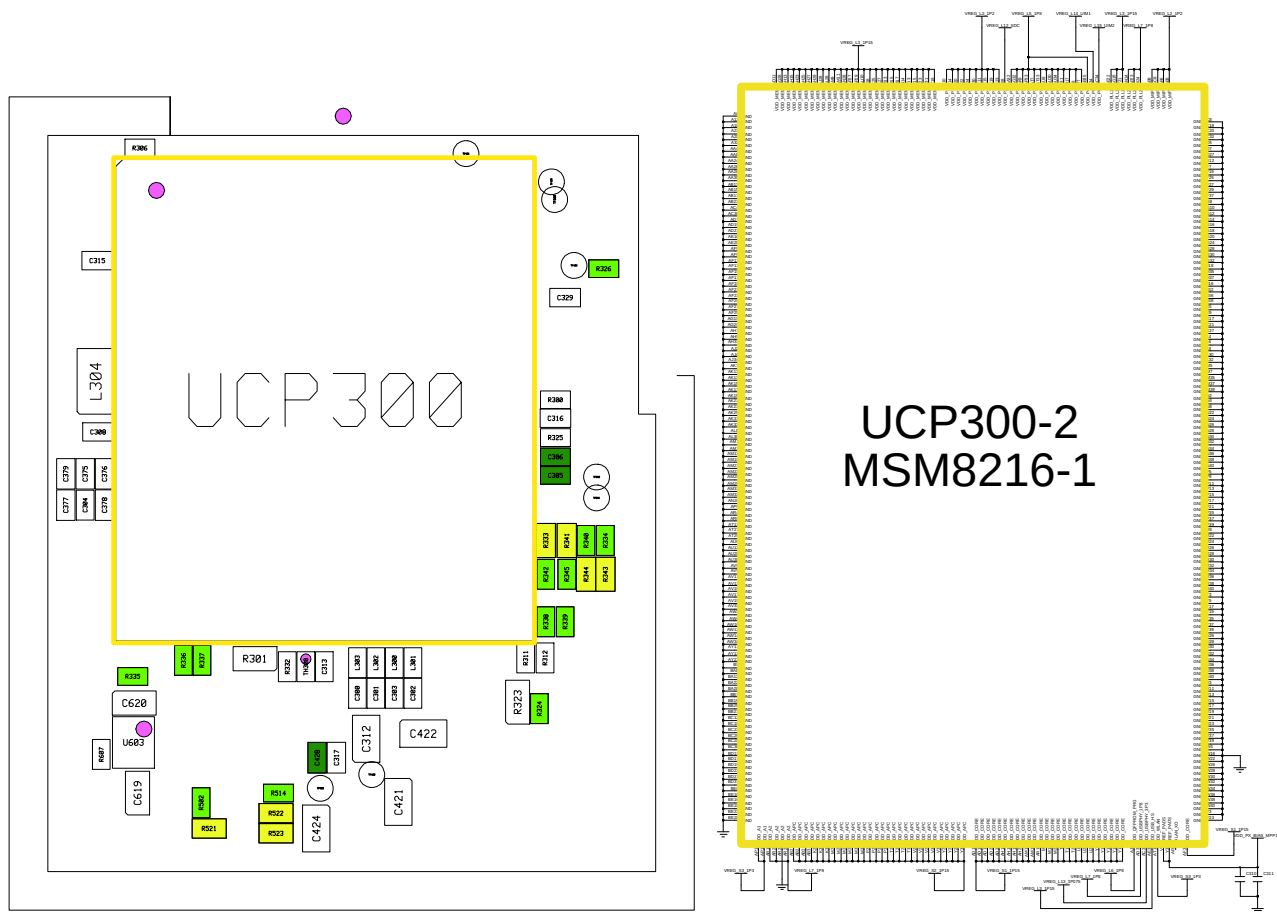
8-3-1. Power On



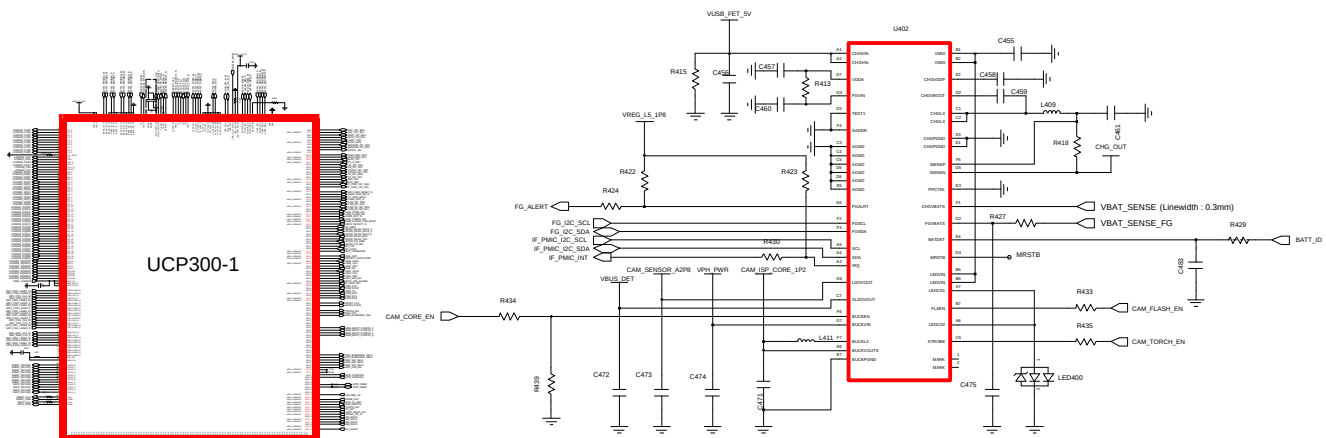
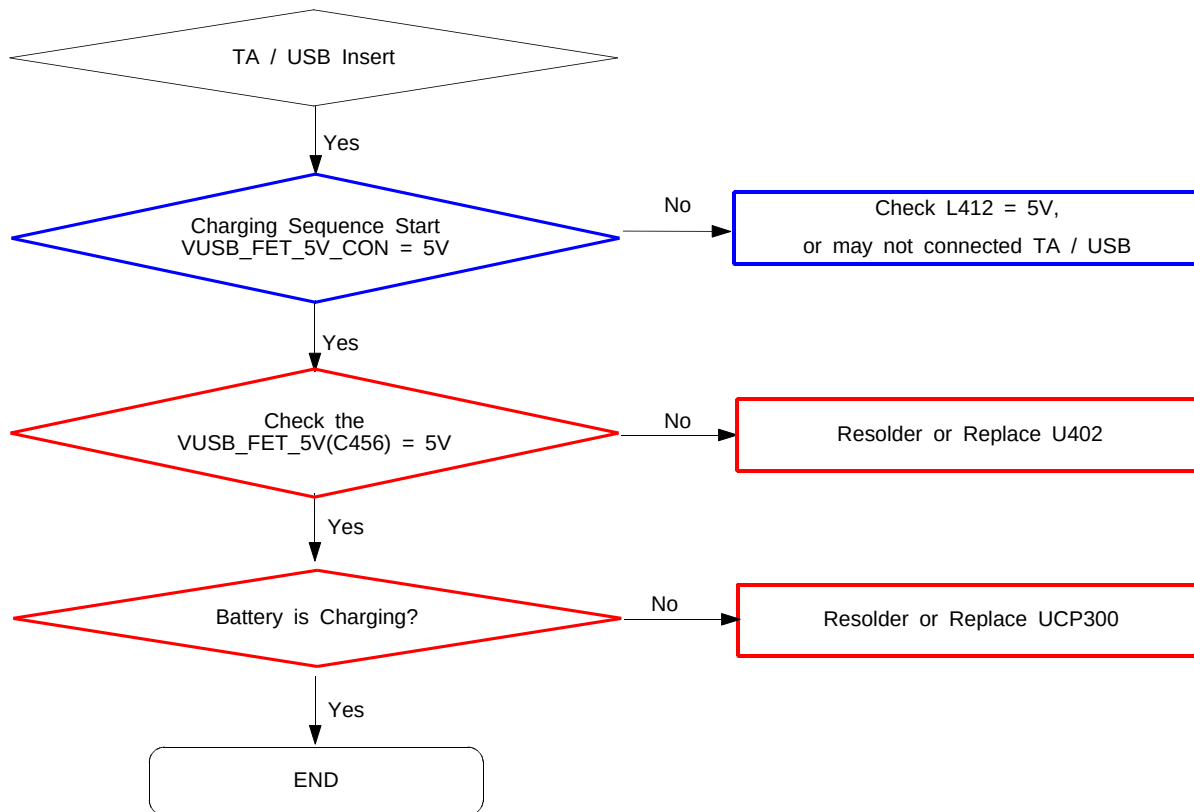


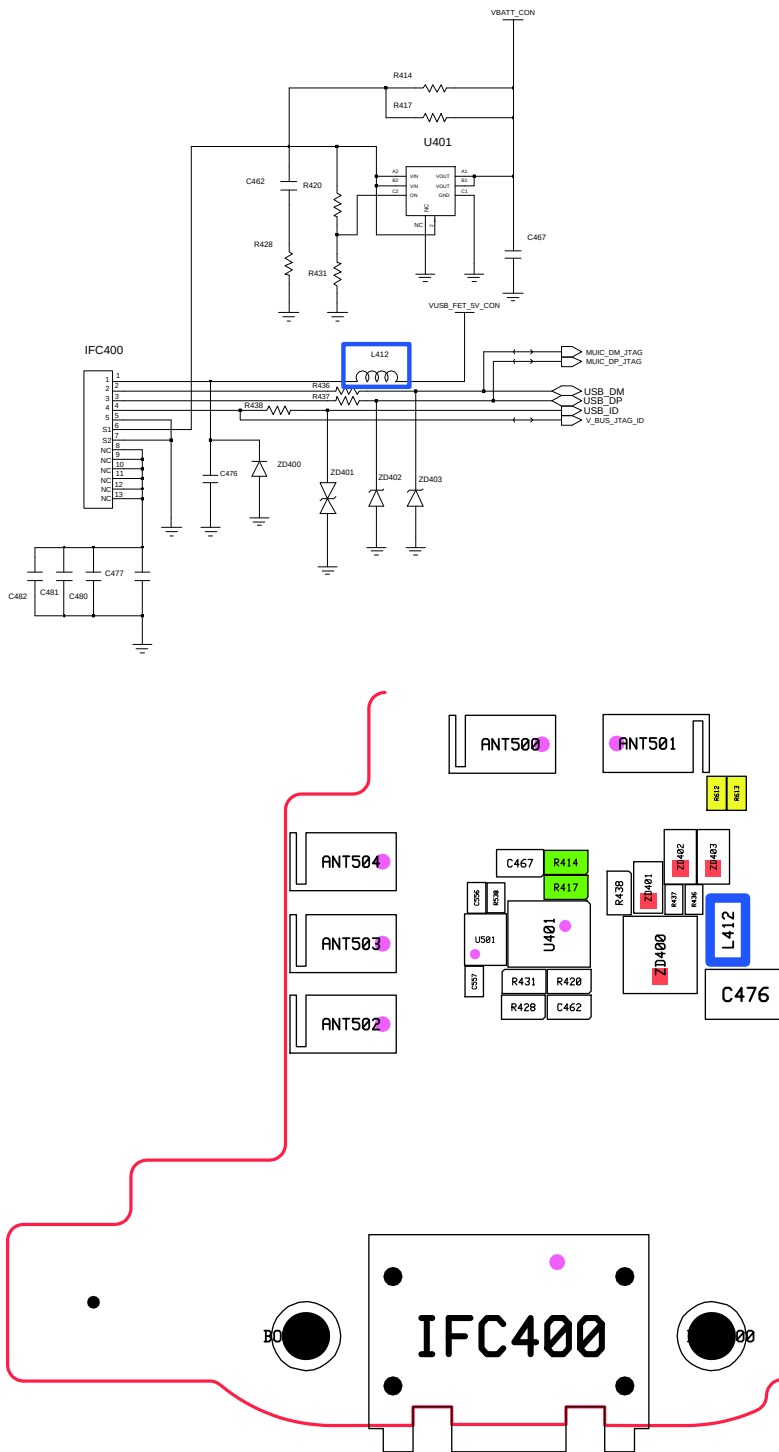
8-3-2. Initial (Lock up)



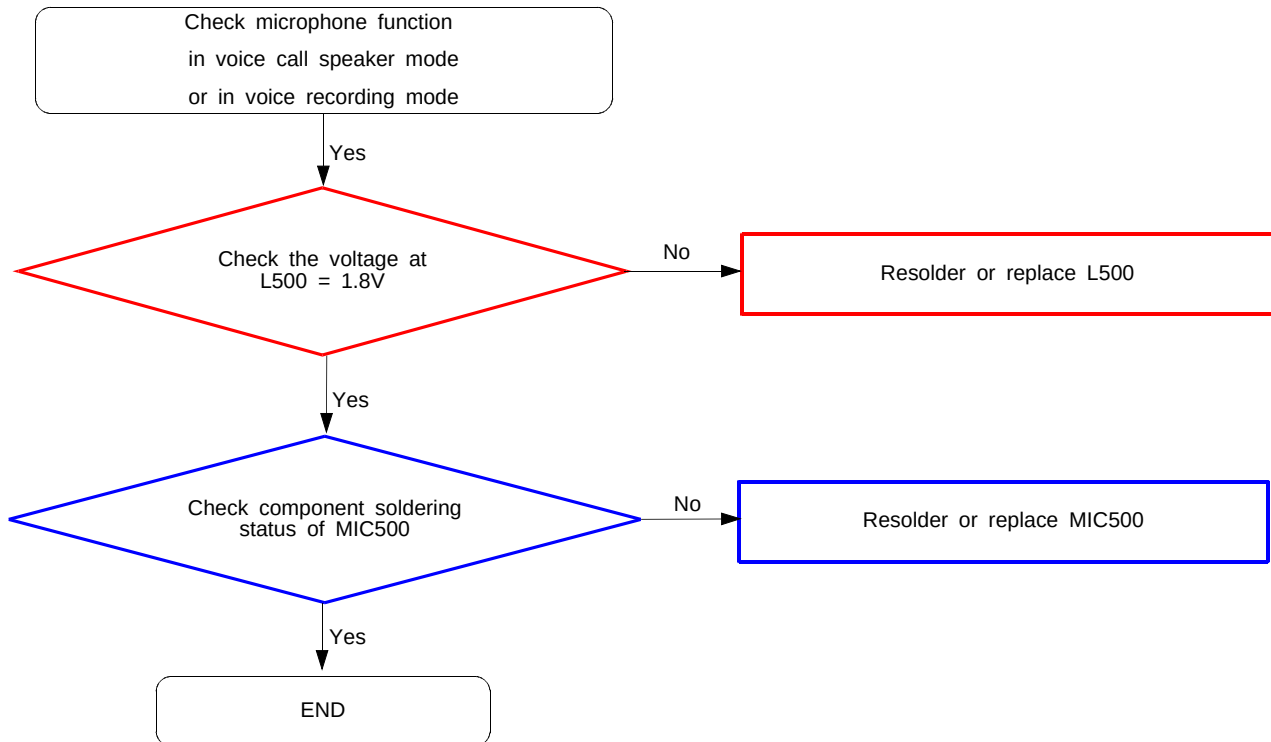


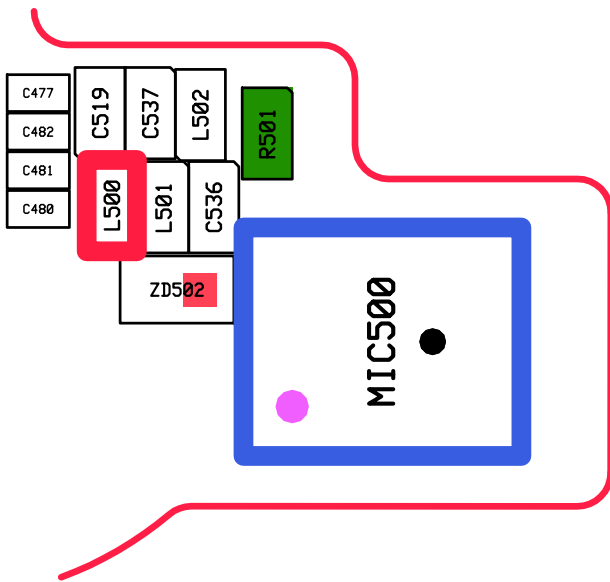
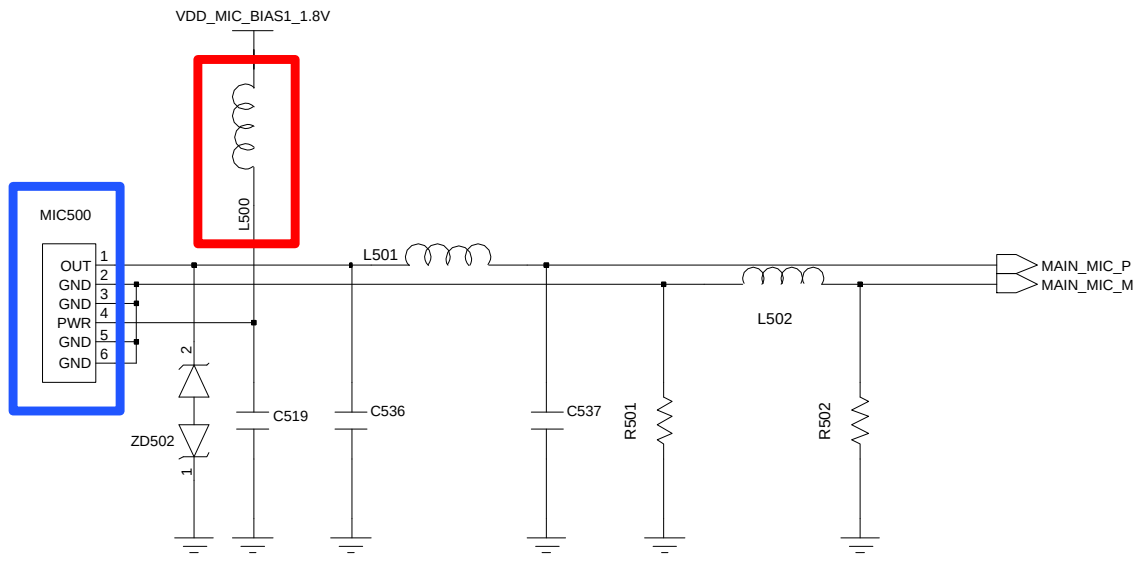
8-3-3. Charging Part



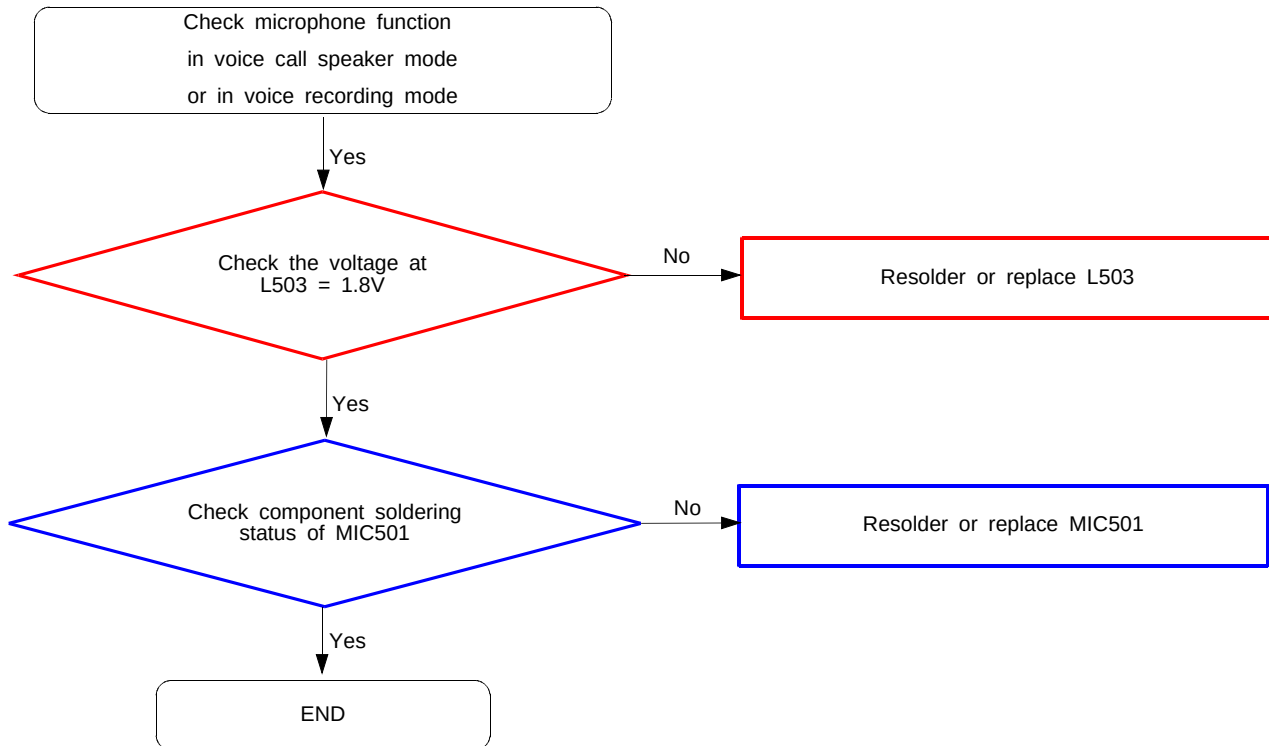


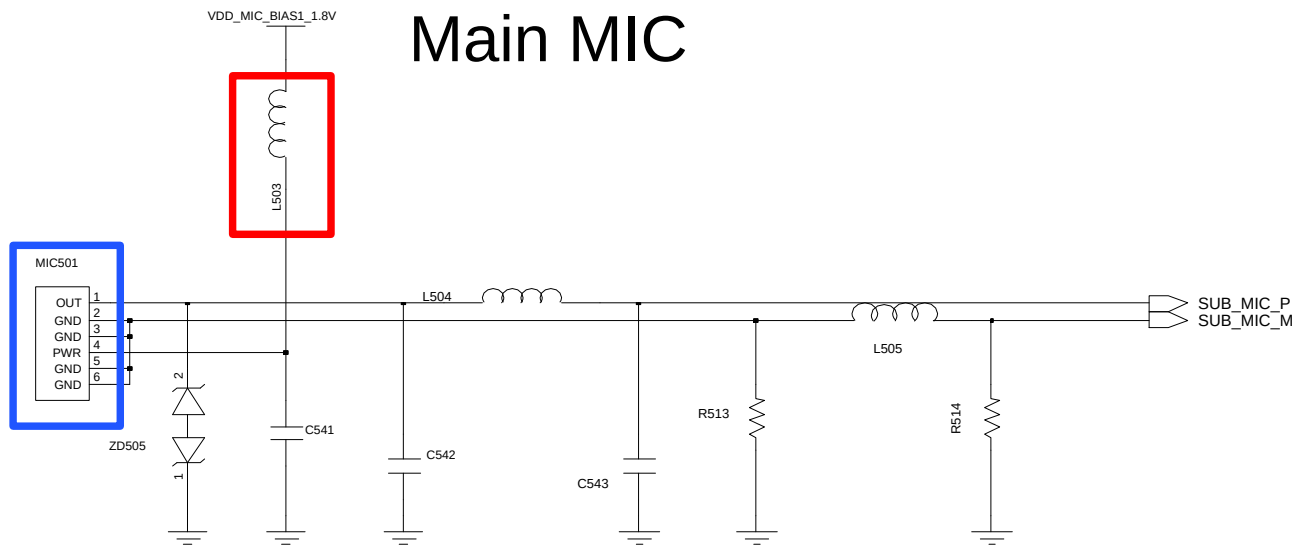
8-3-4. Microphone Part(Main MIC)



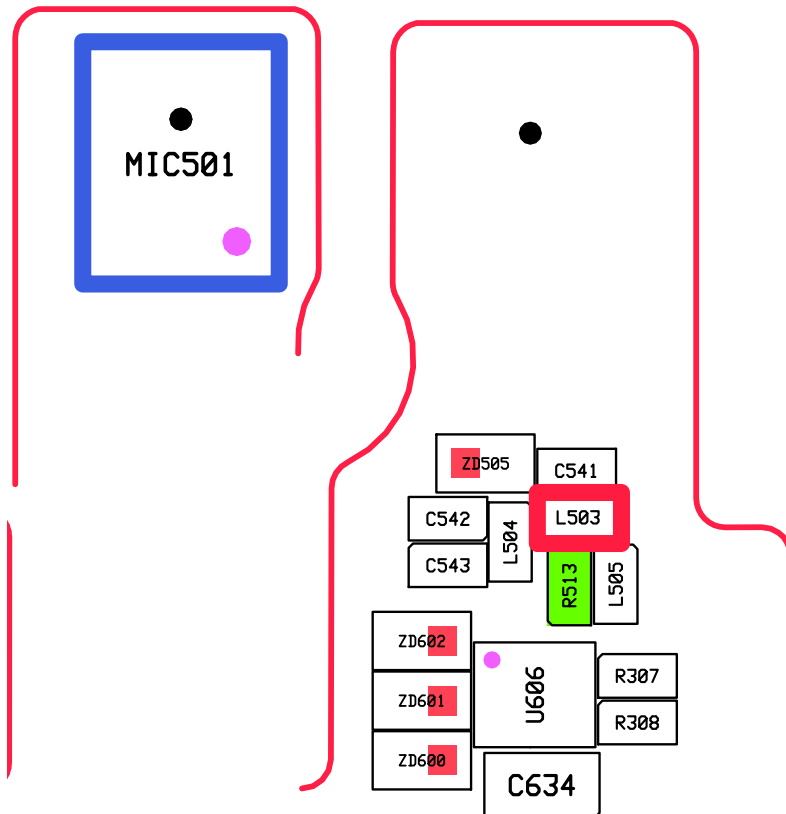


8-3-5. Microphone Part(SUB MIC)

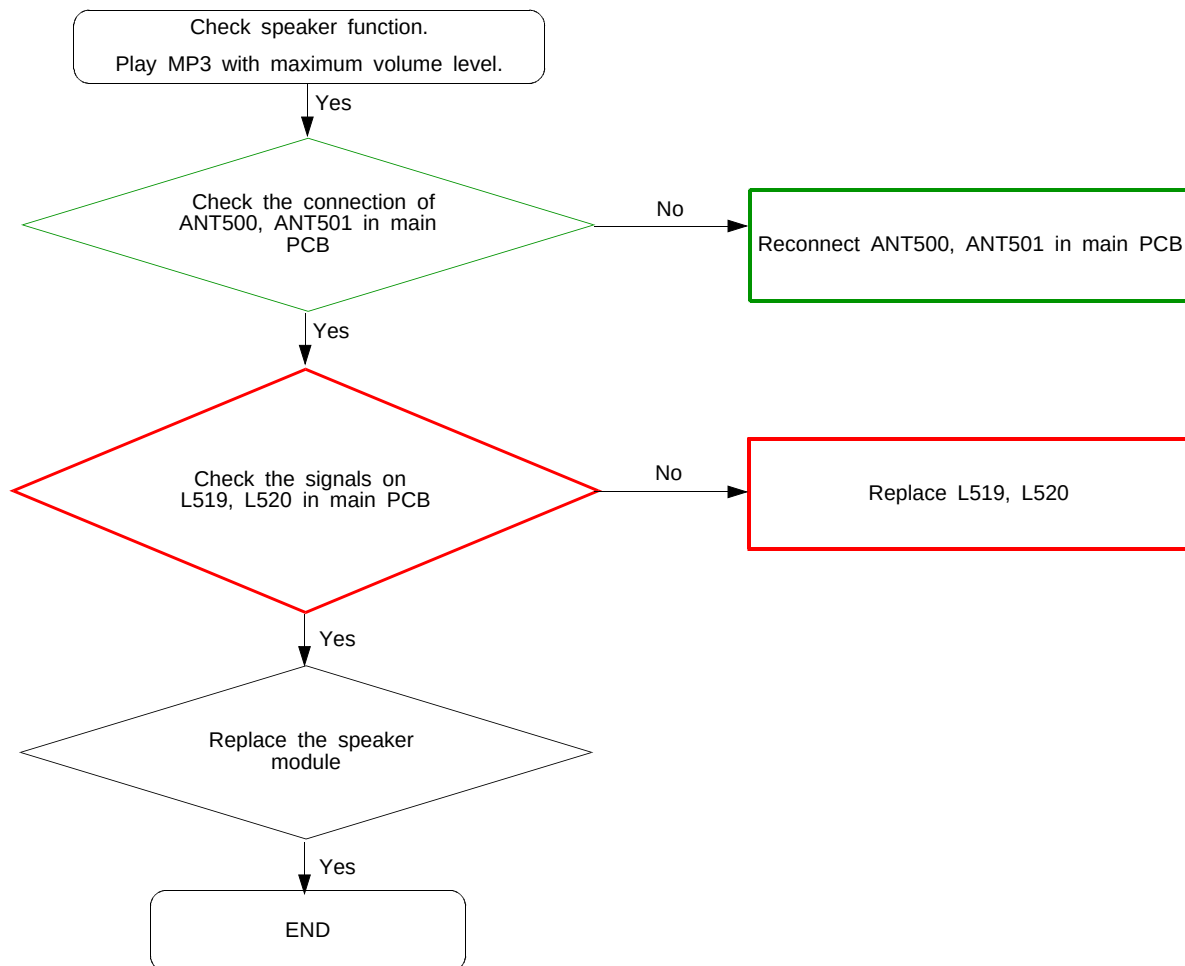


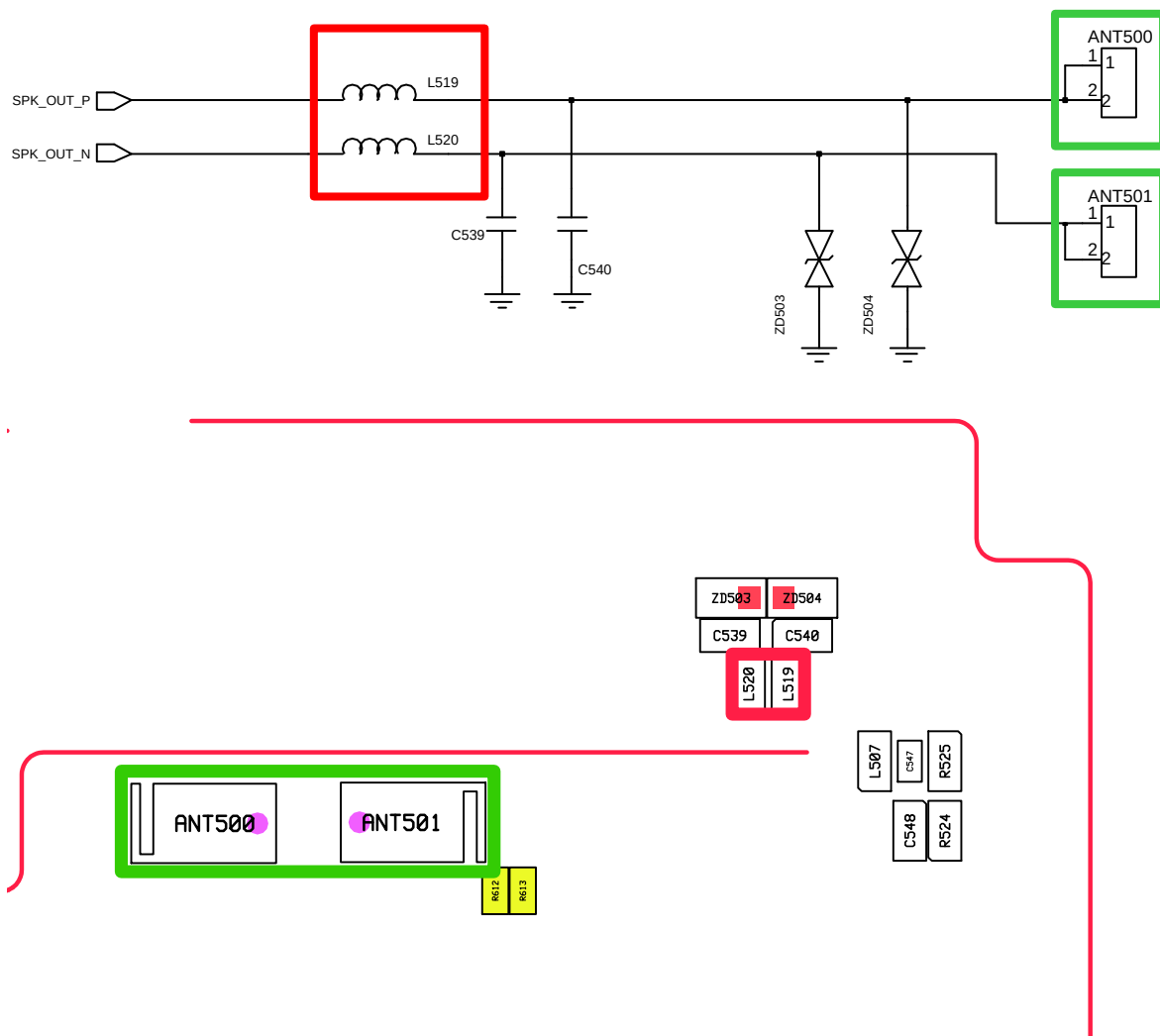


Sub MIC

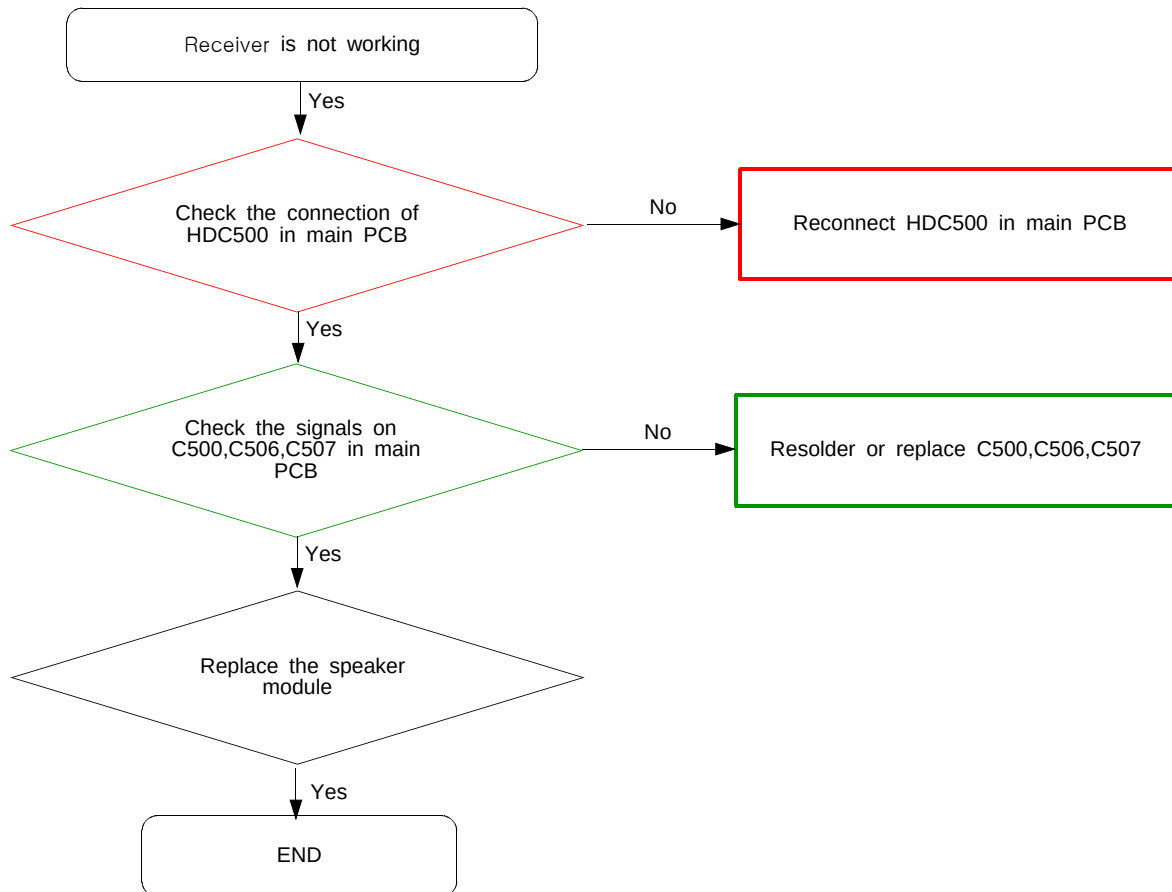


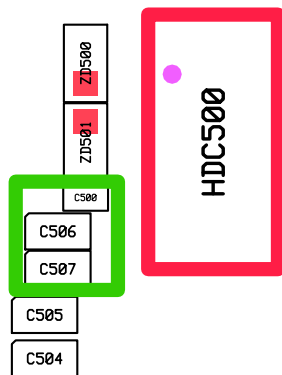
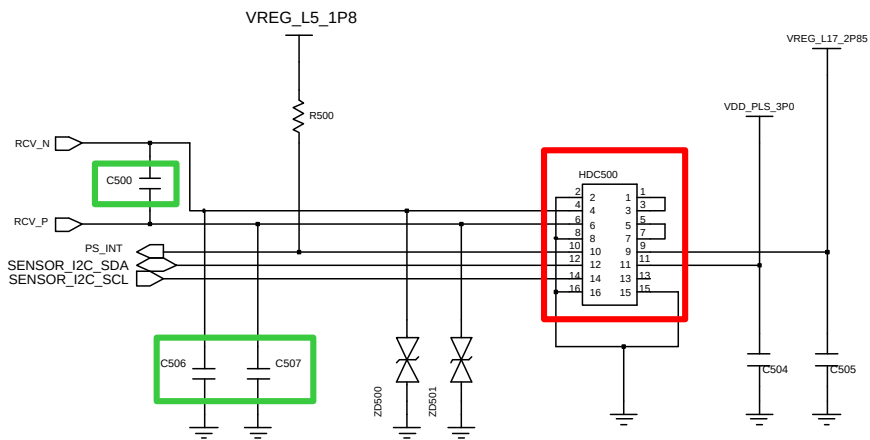
8-3-6. Speaker Part



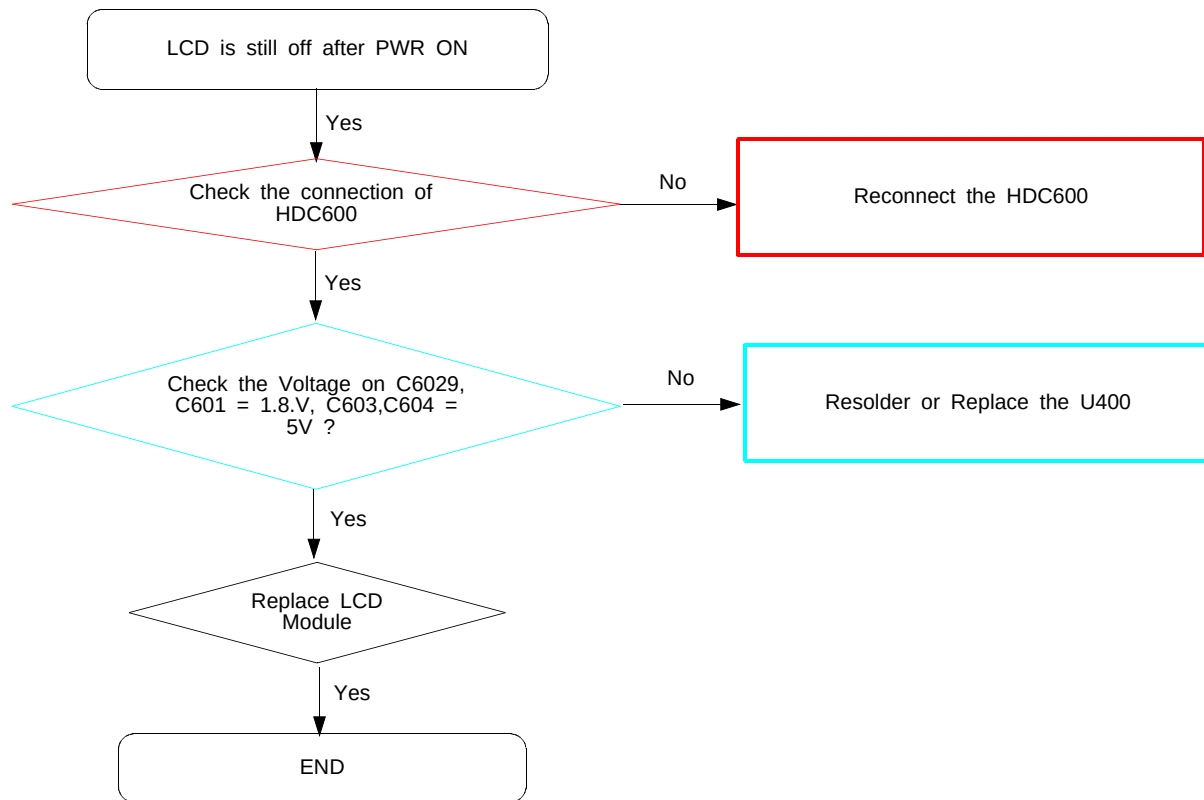


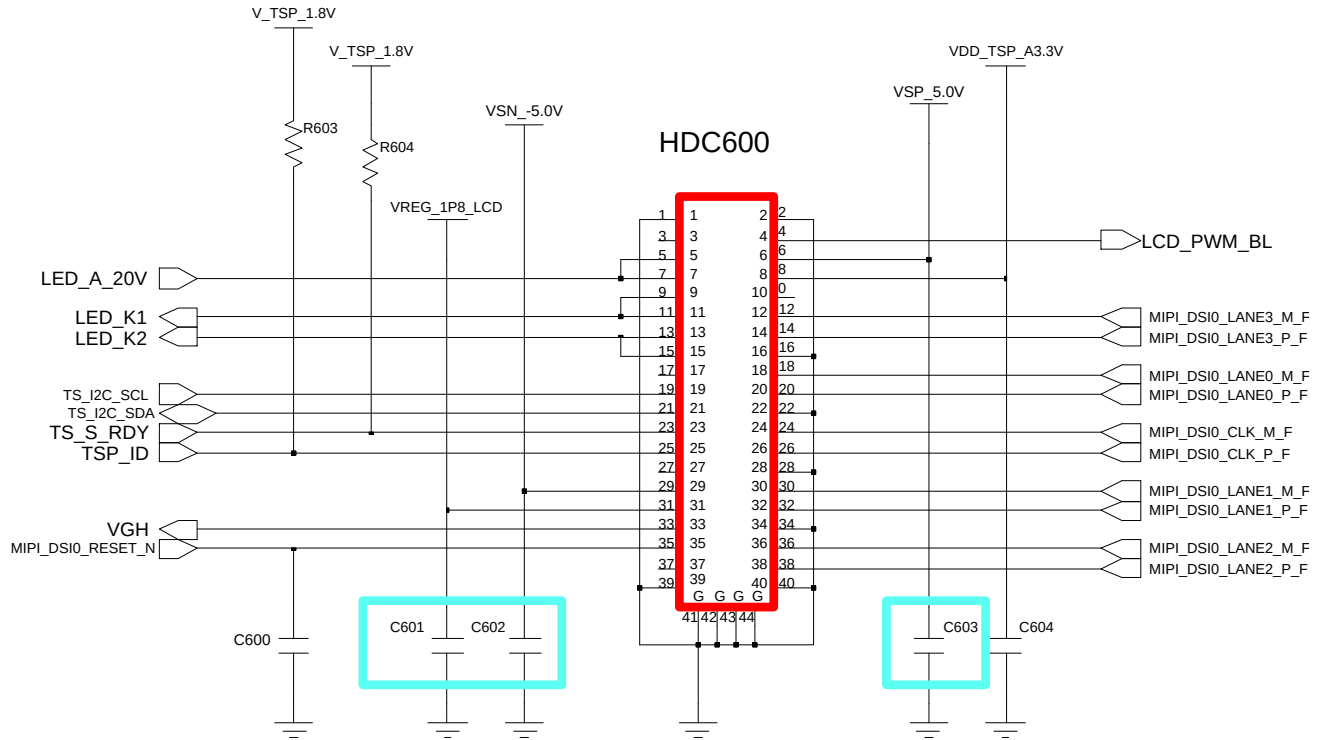
8-3-7. Receiver Part



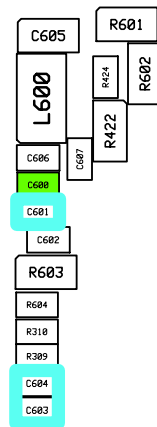


8-3-8. LCD

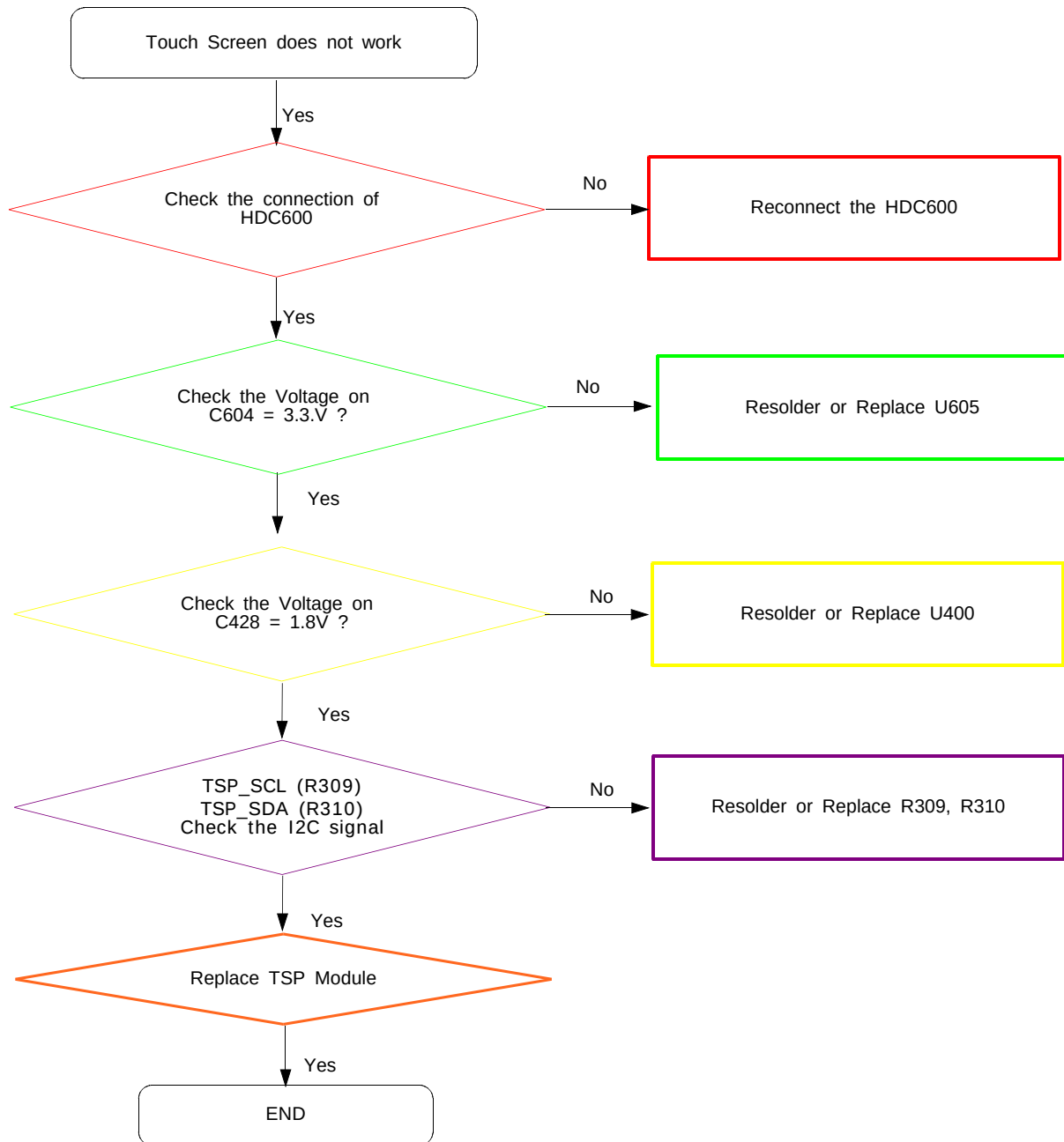


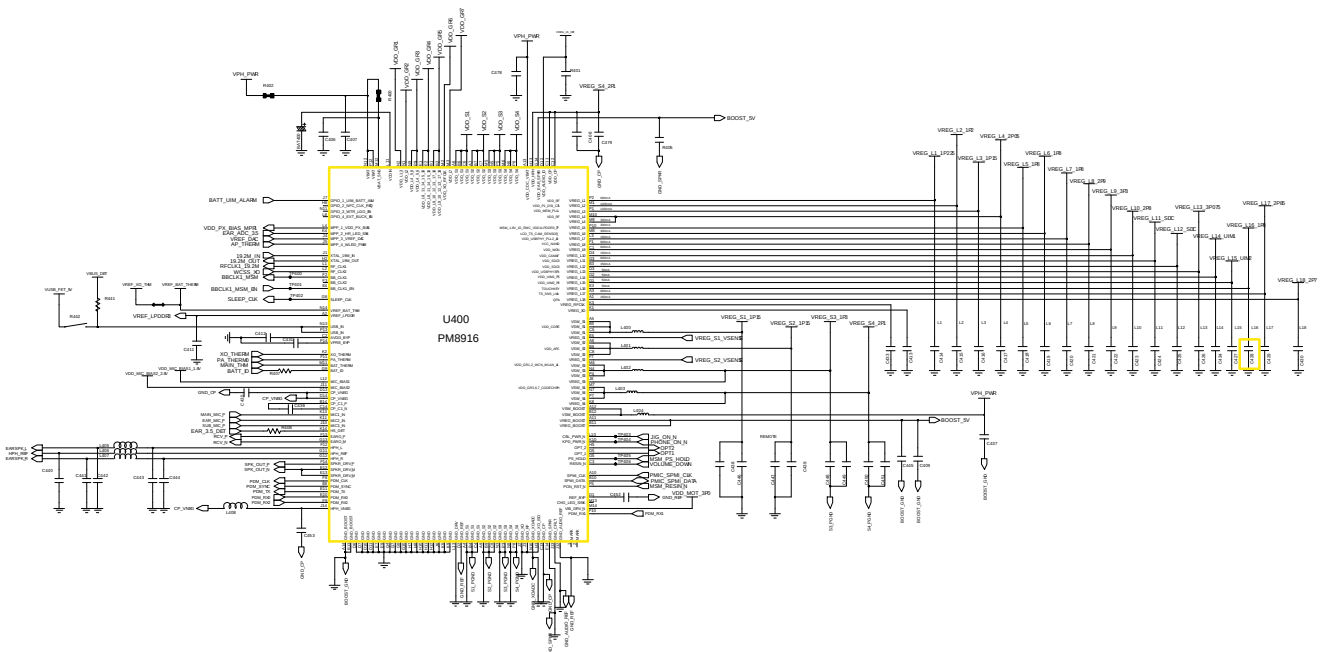
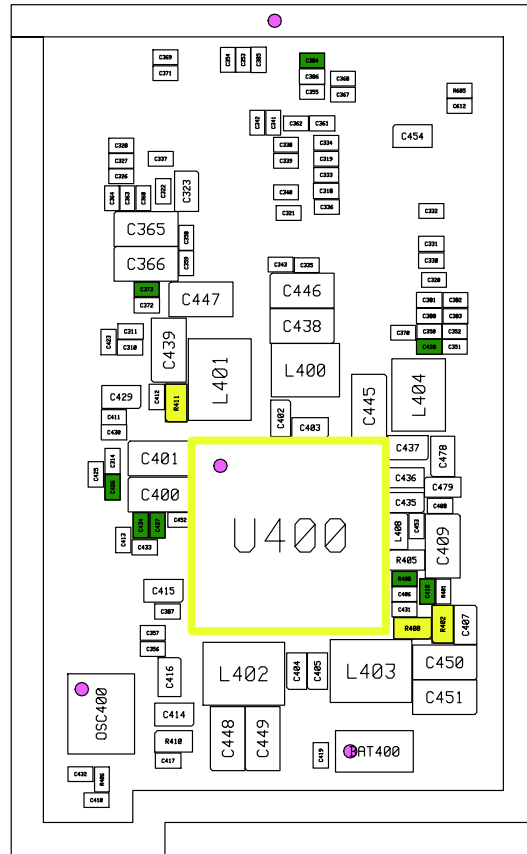
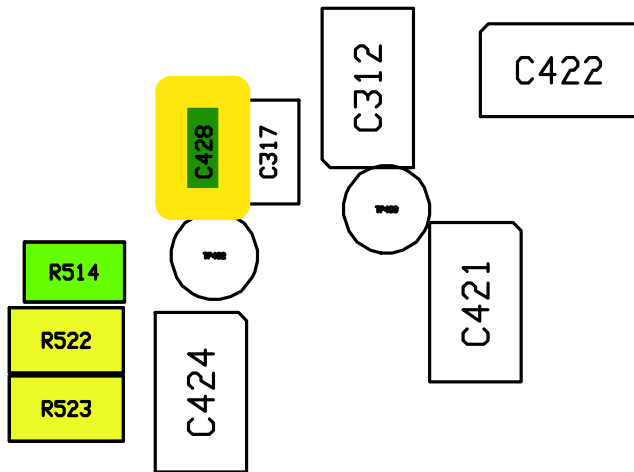


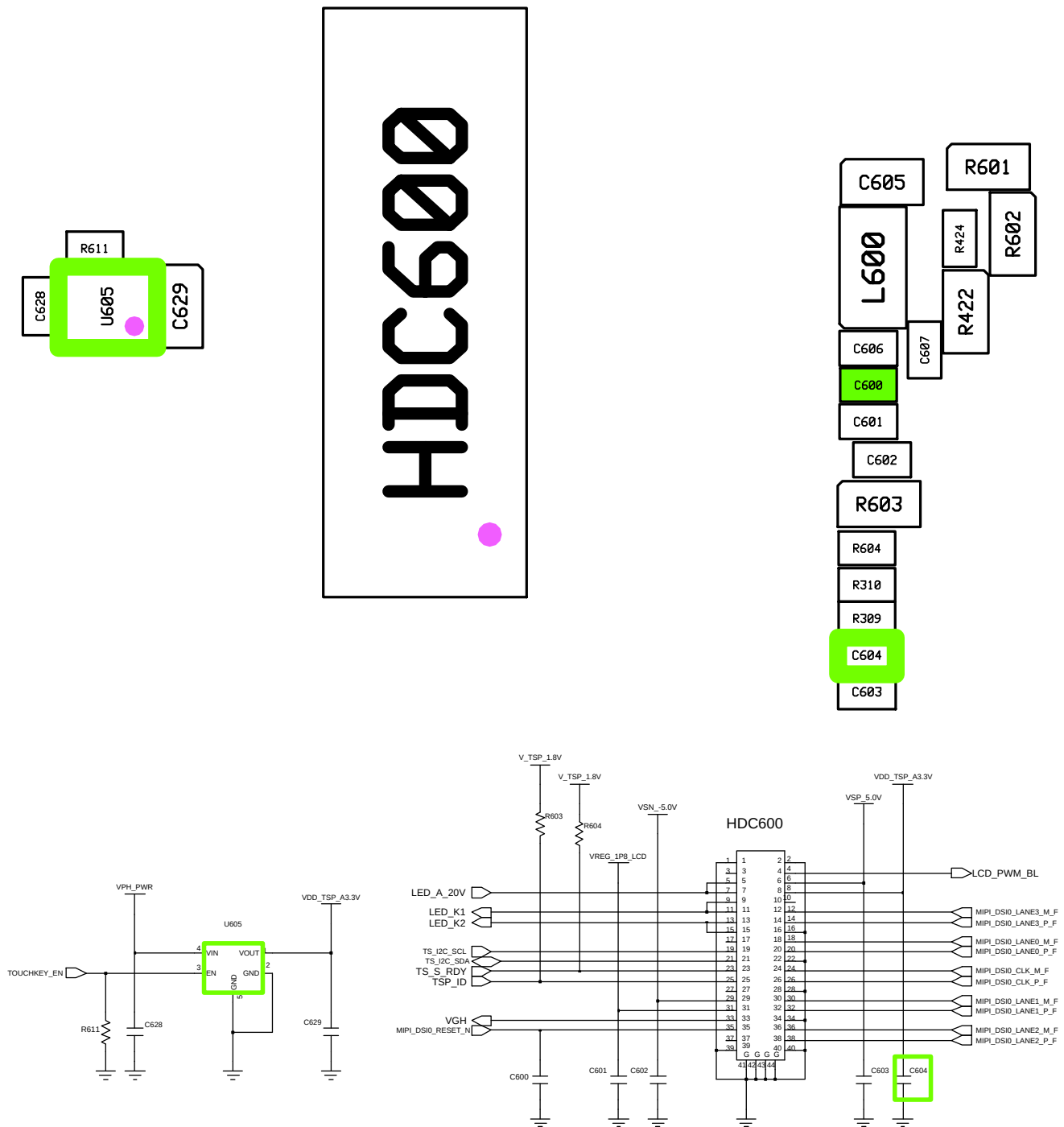
HDC600

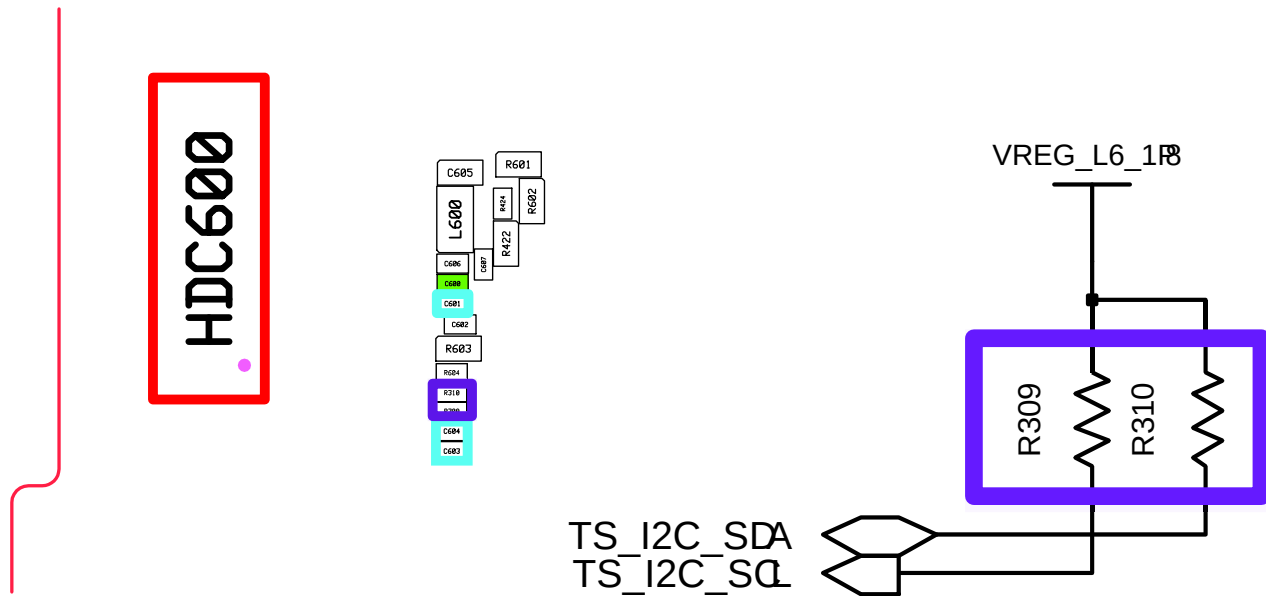


8-3-9. TSP

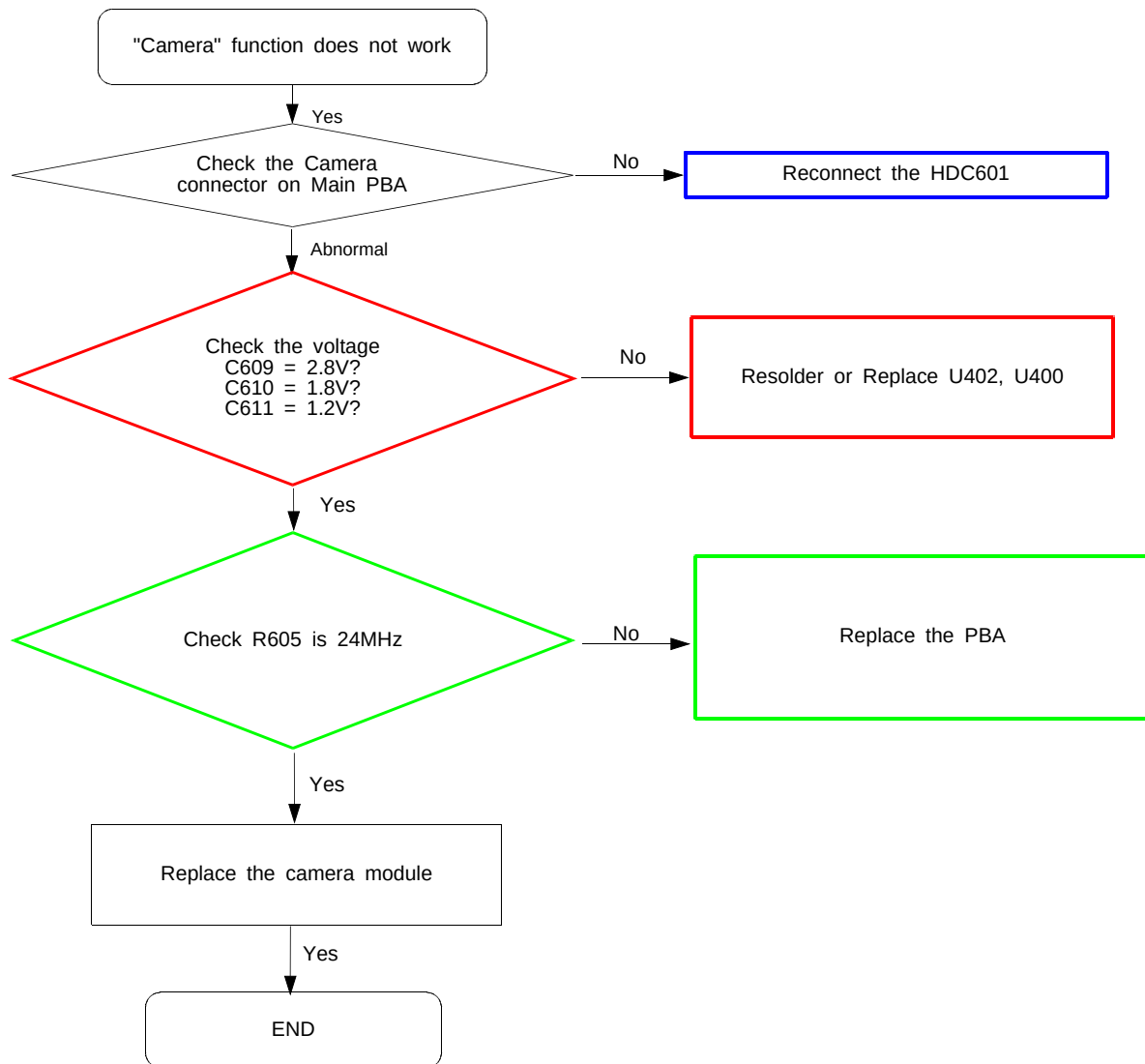


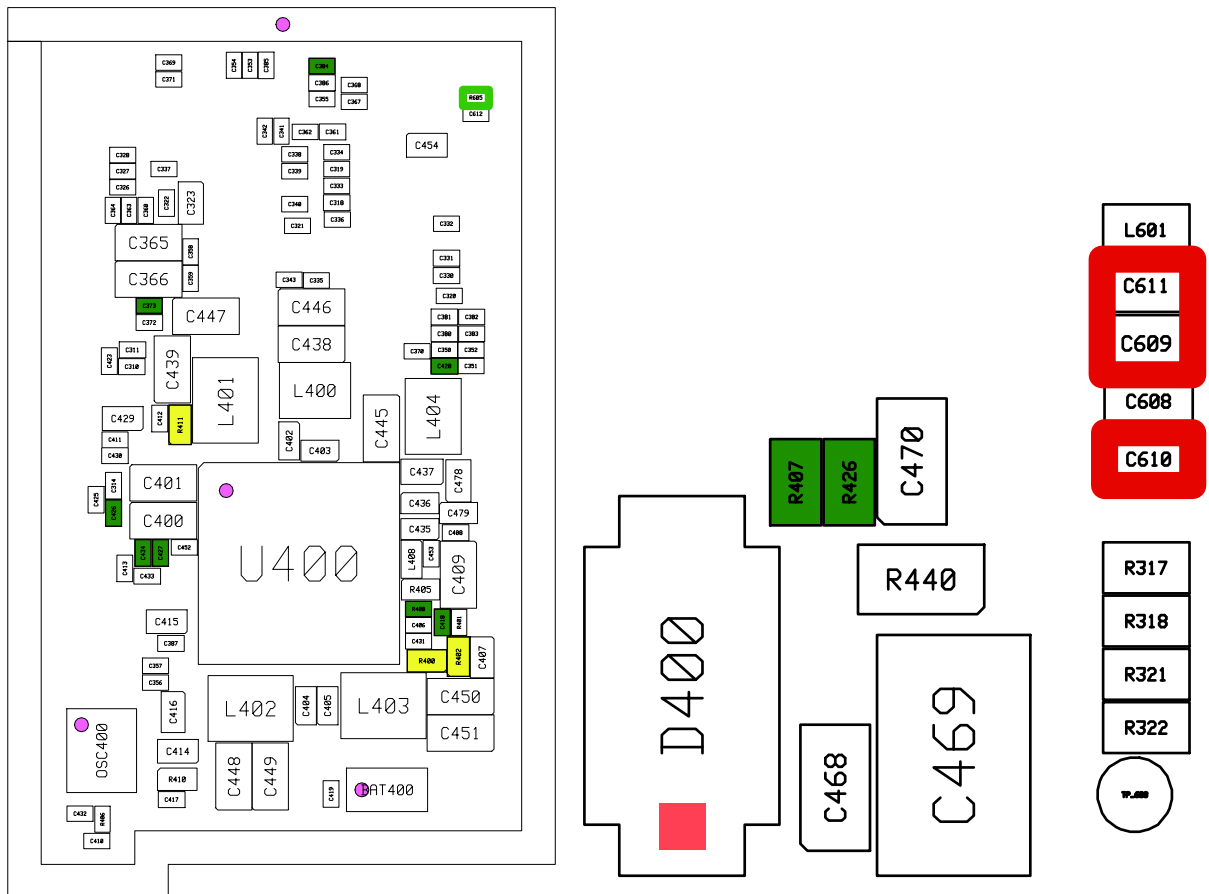
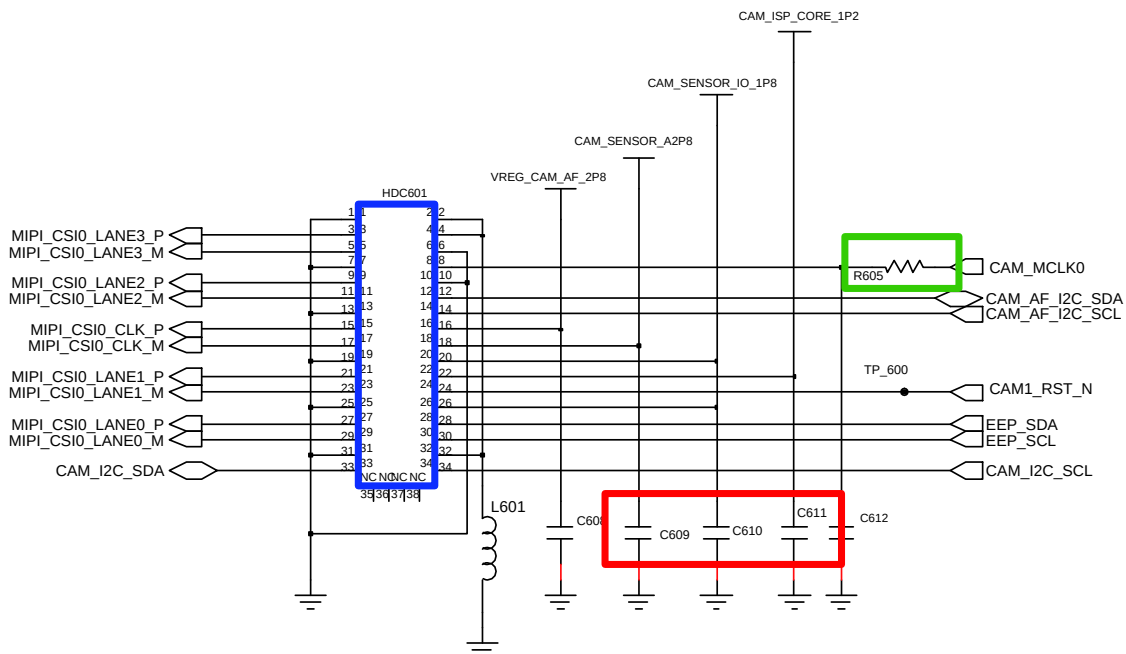




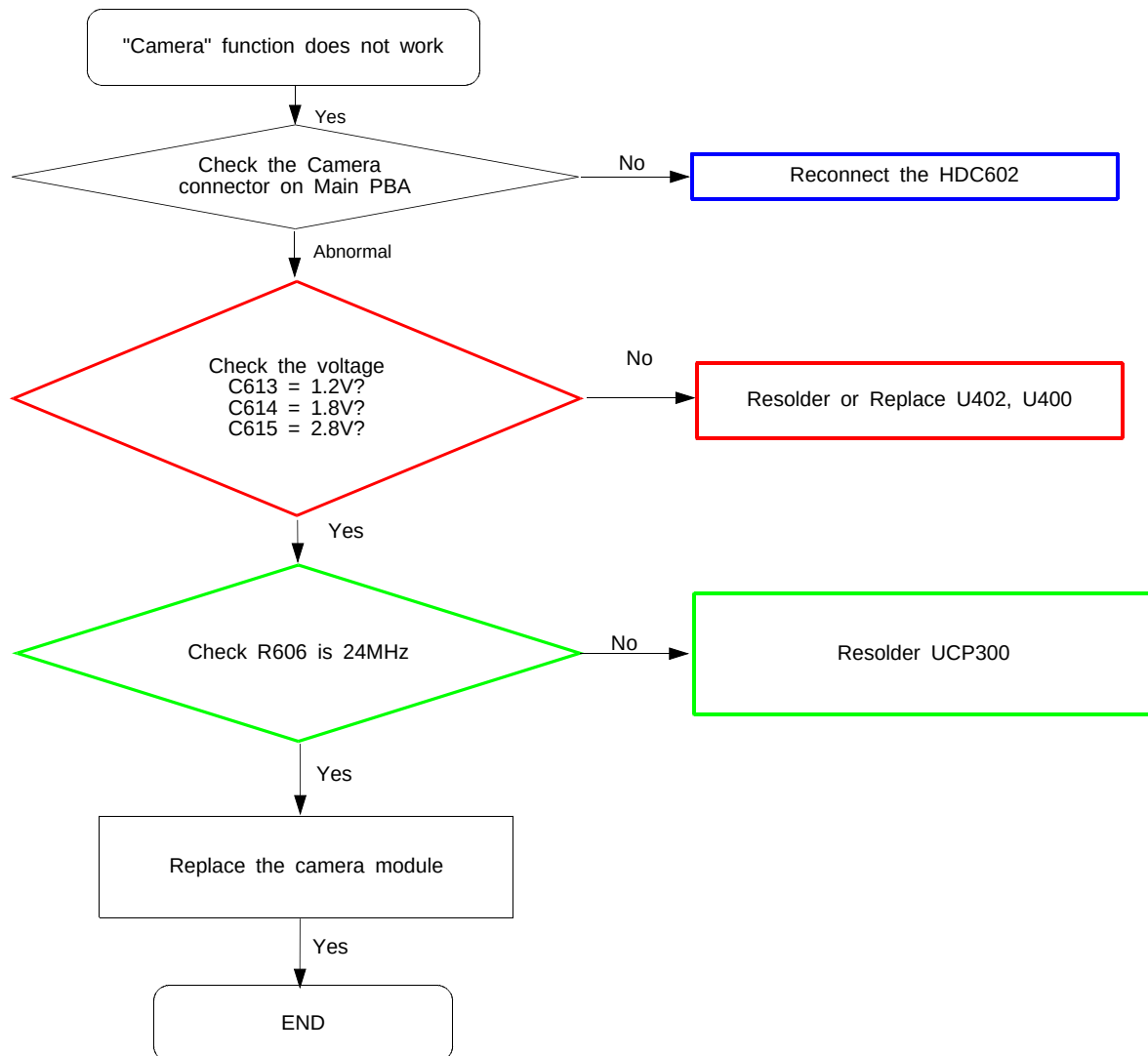


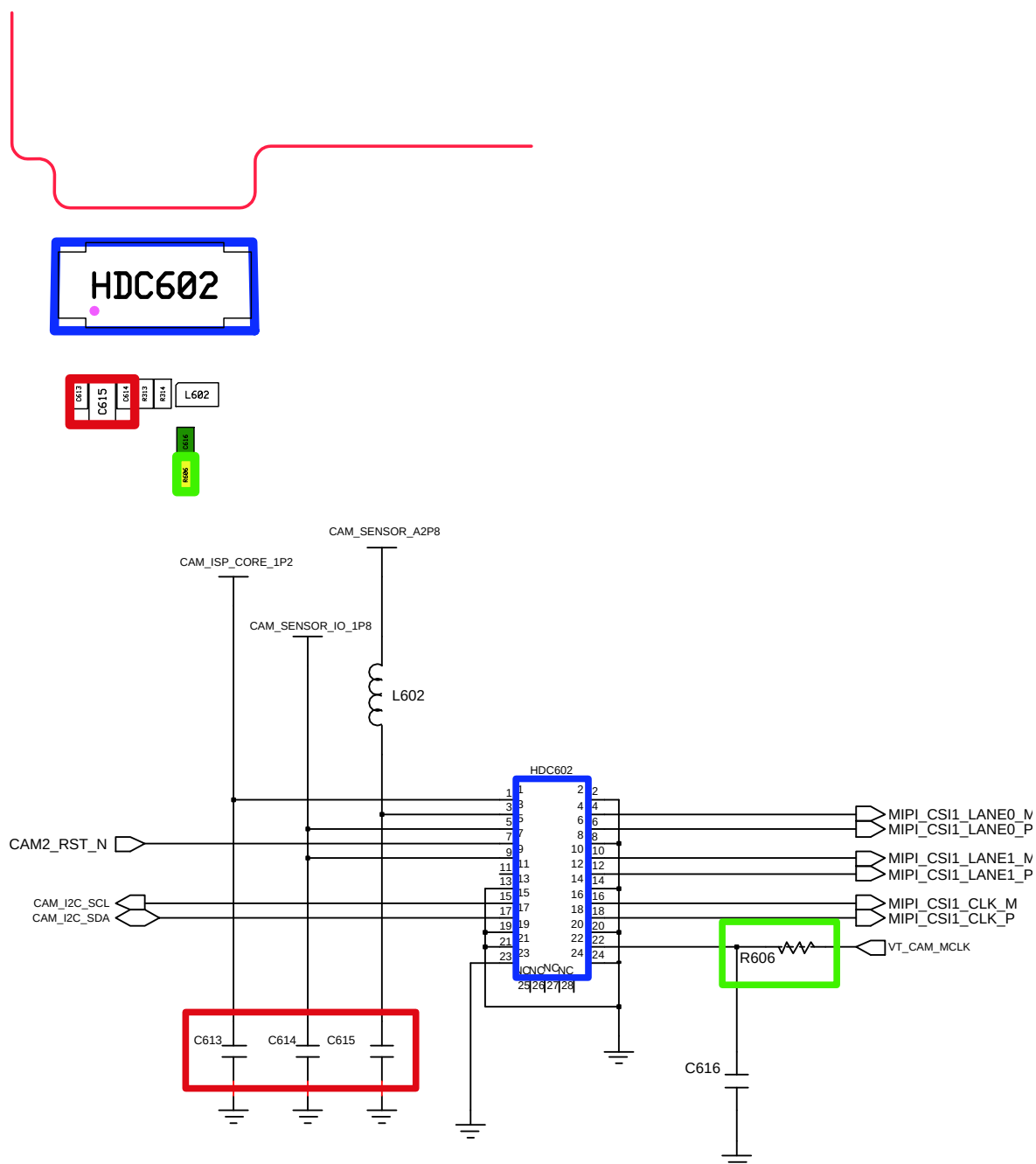
8-3-10. 8M MAIN CAM



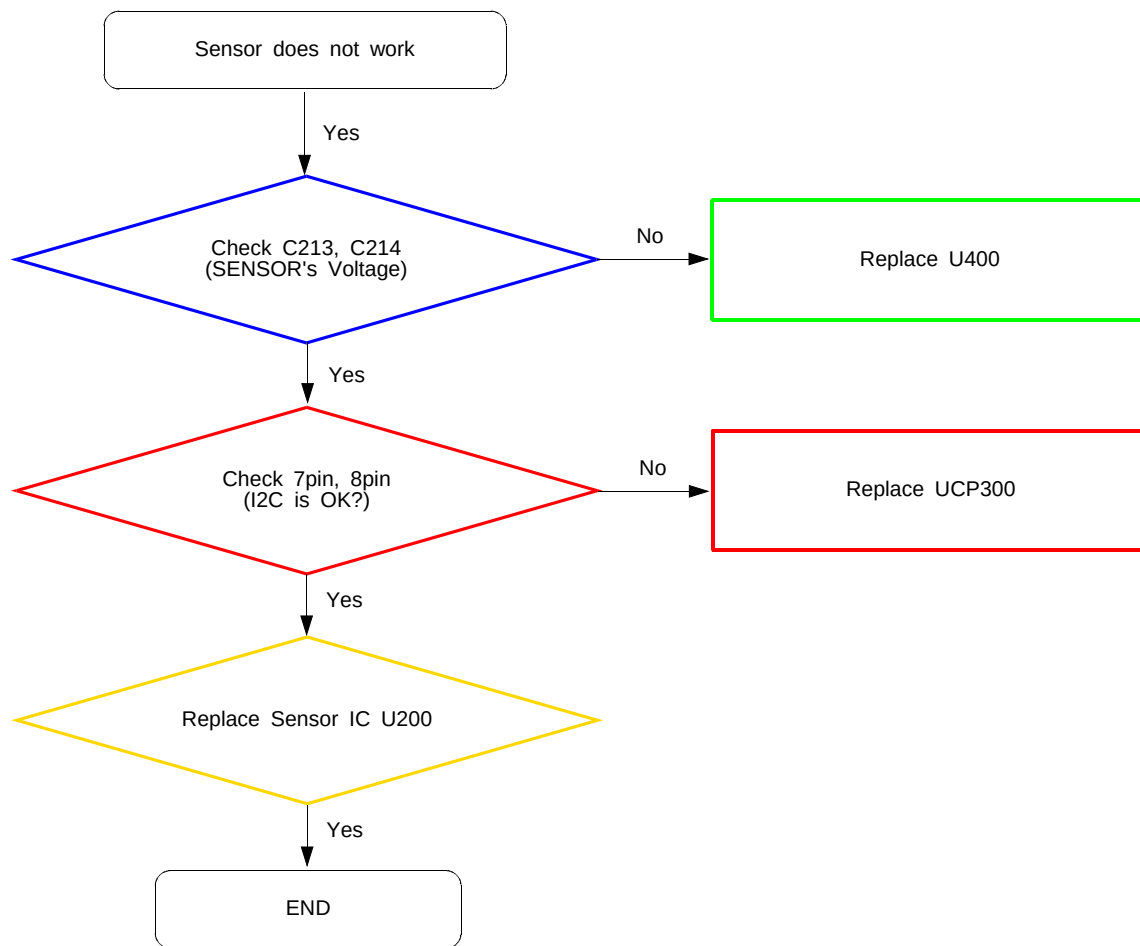


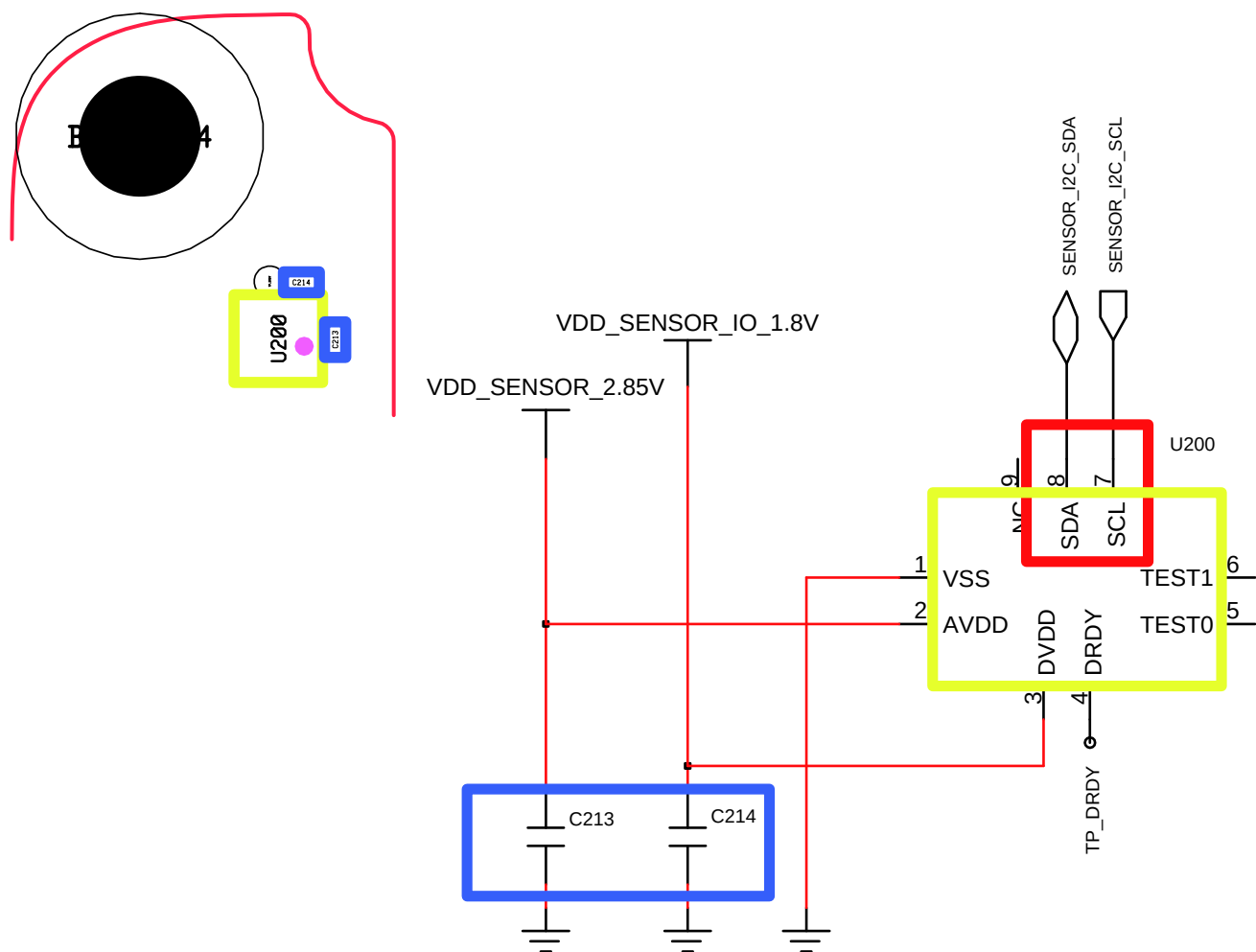
8-3-11. 5M VT CAM



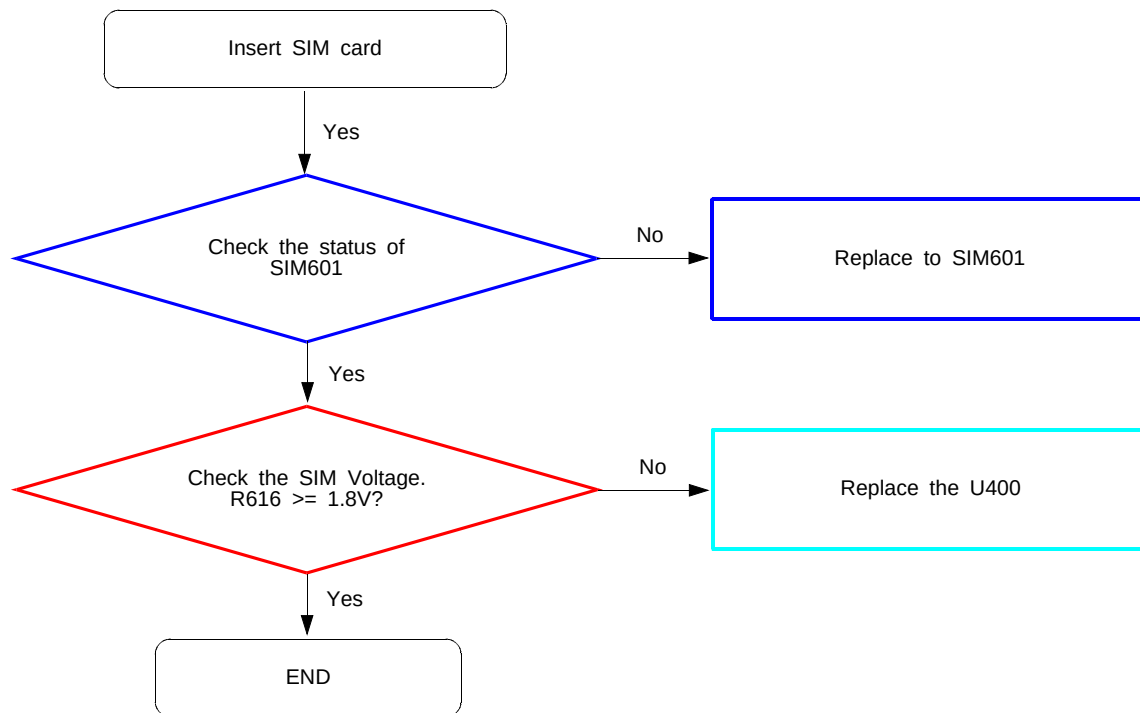


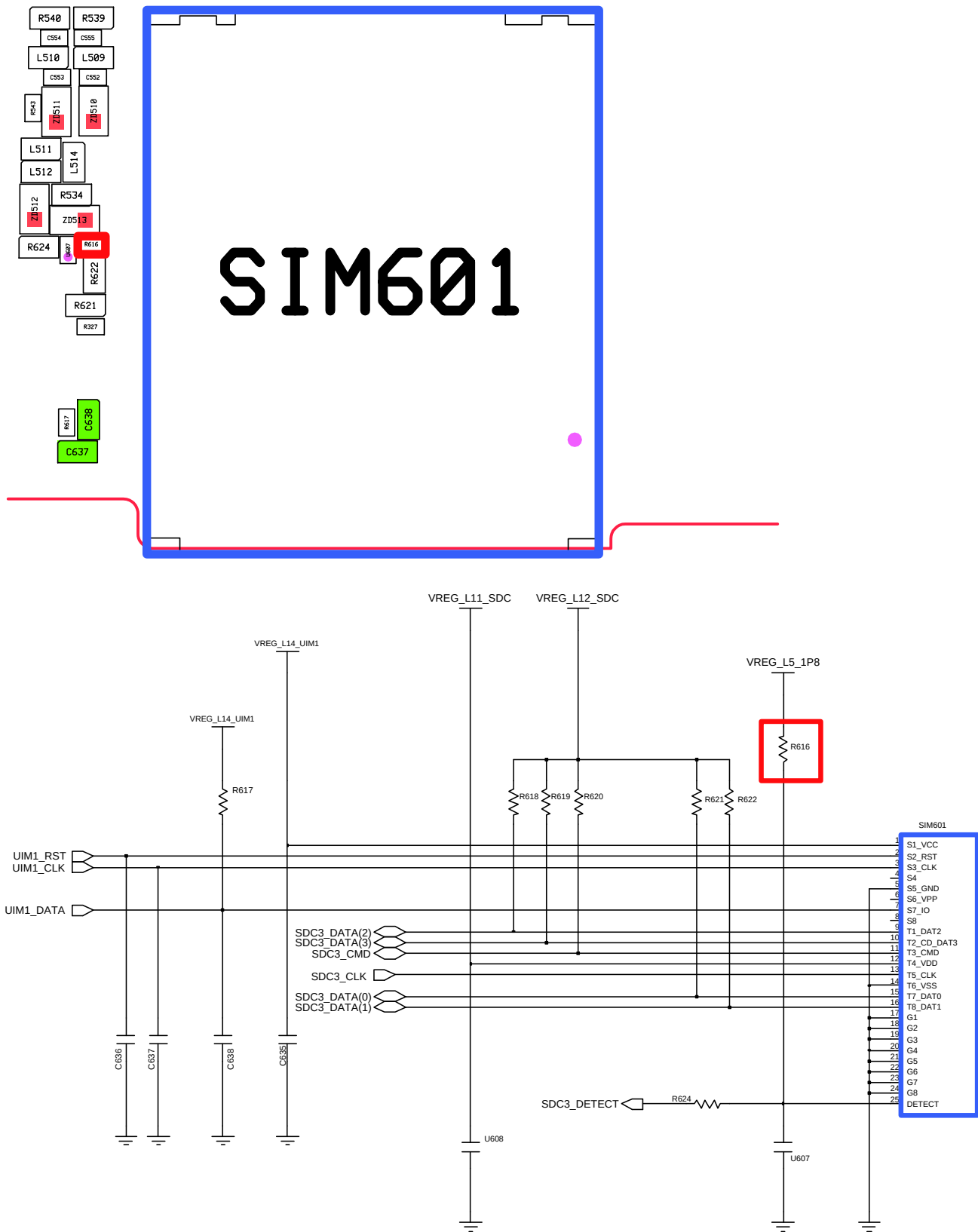
8-3-12. Sensor



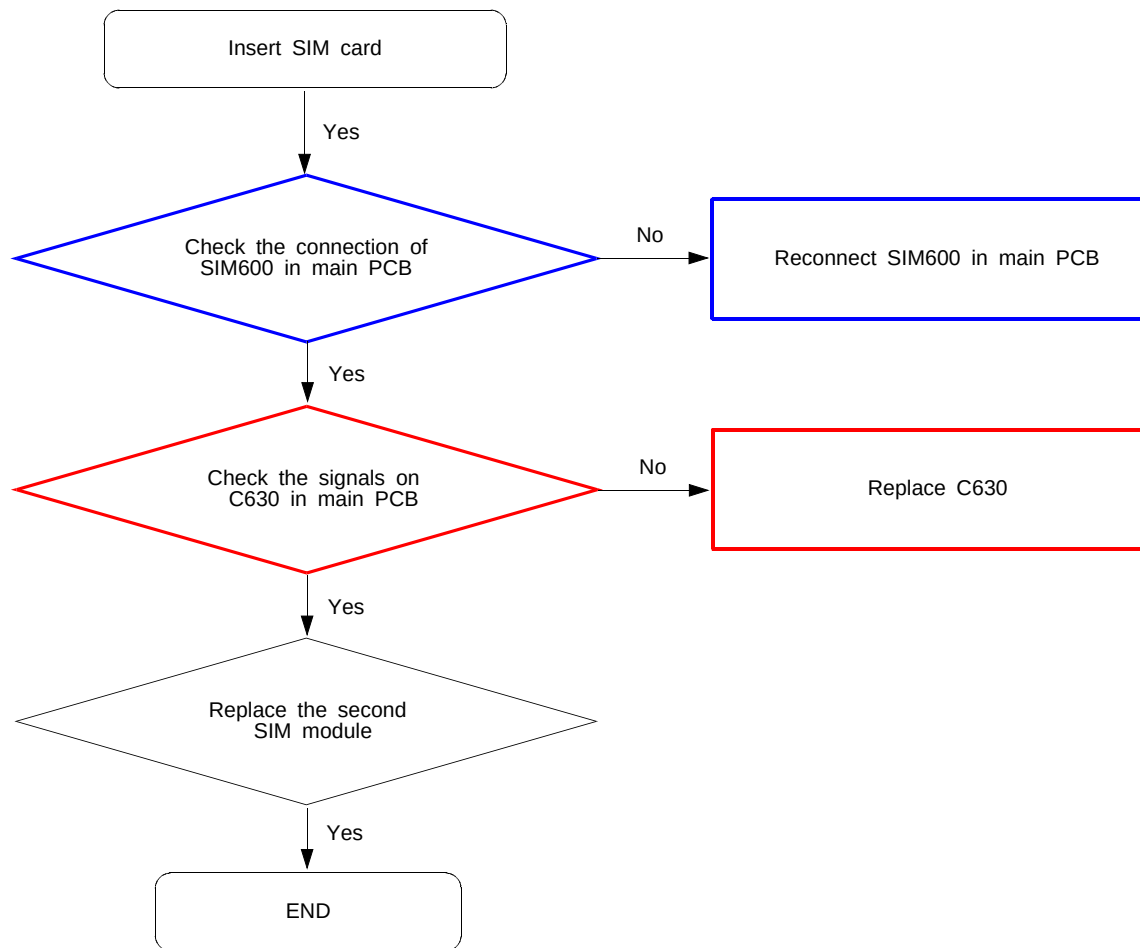


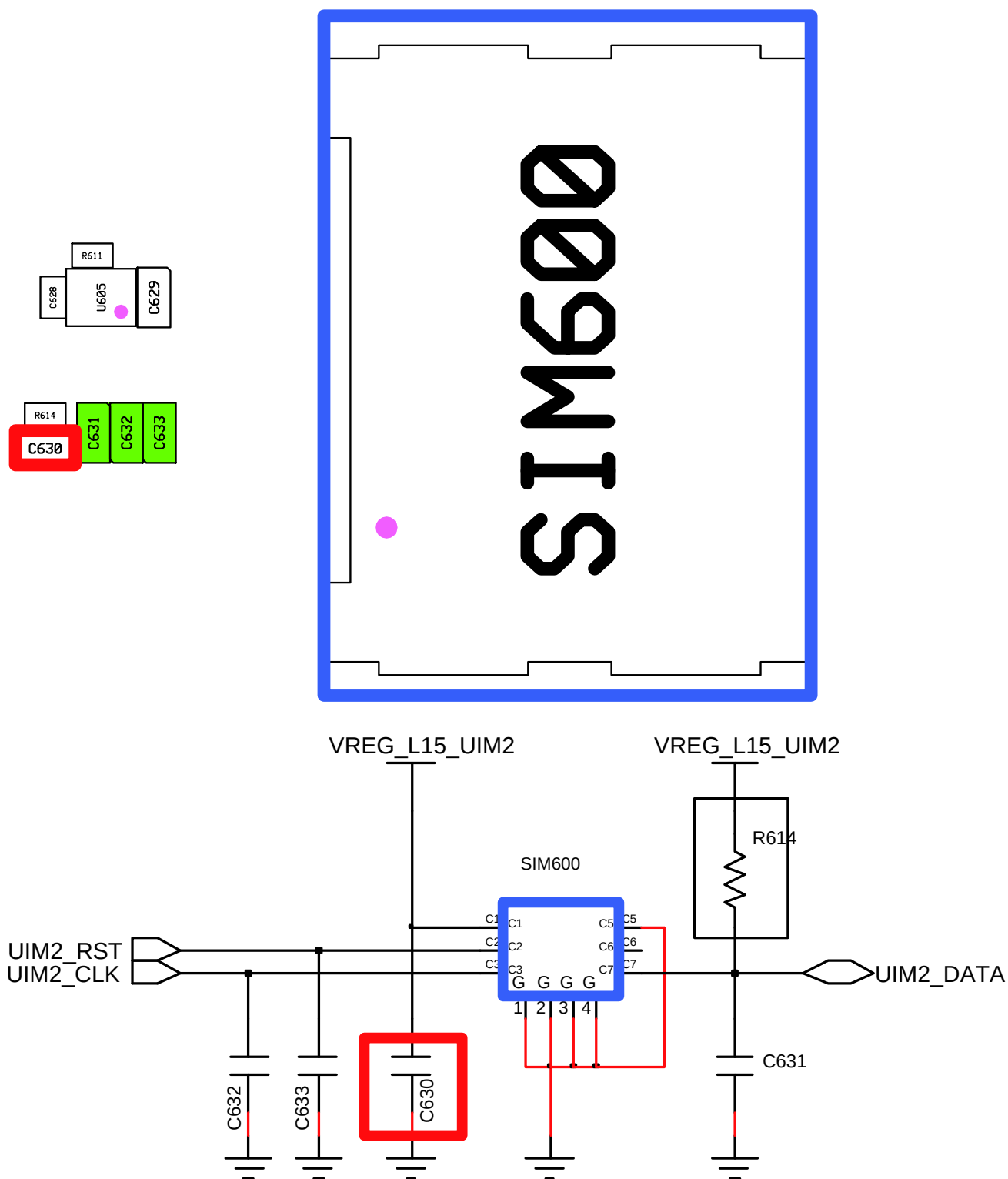
8-3-13. Sim Part



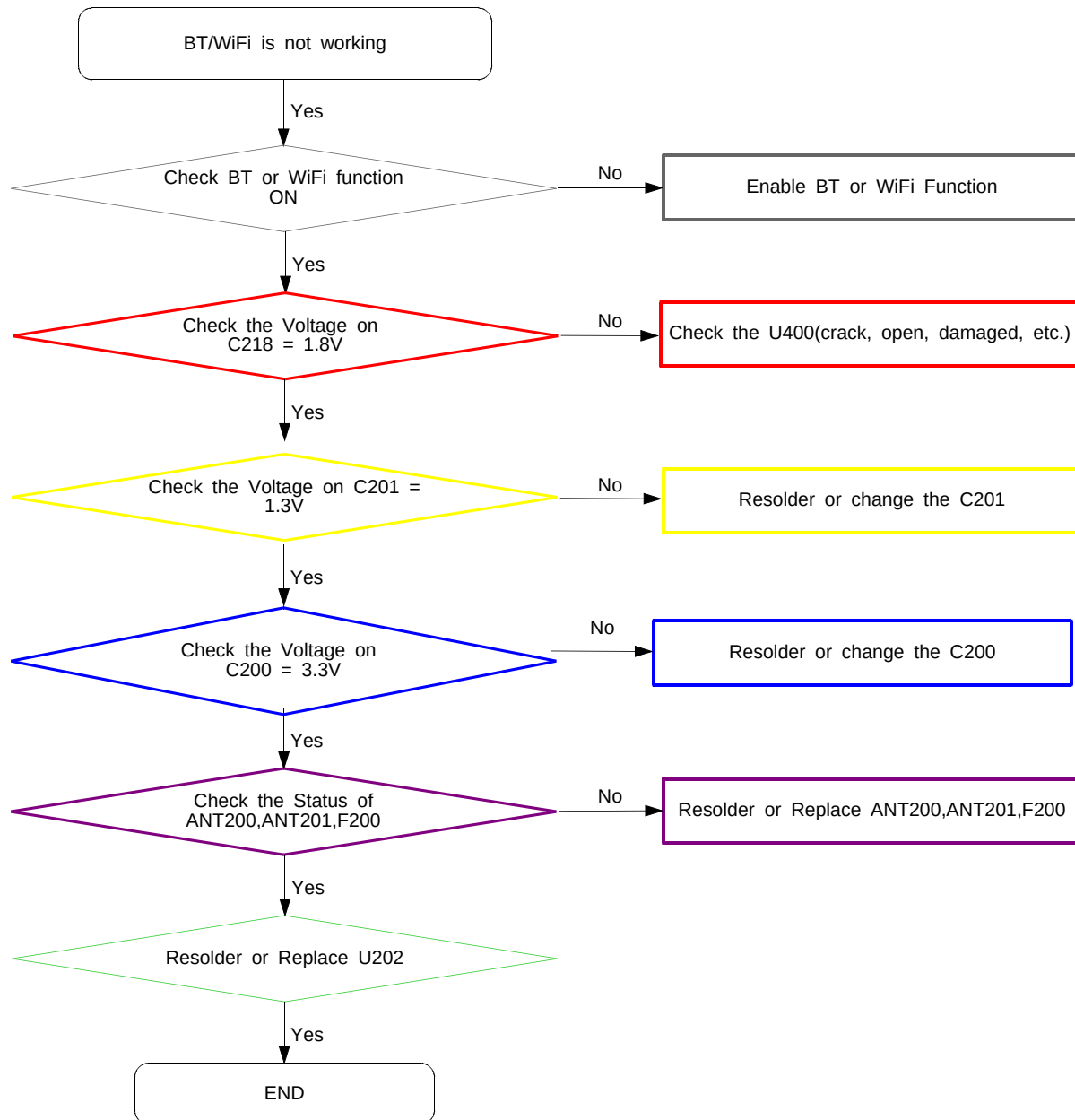


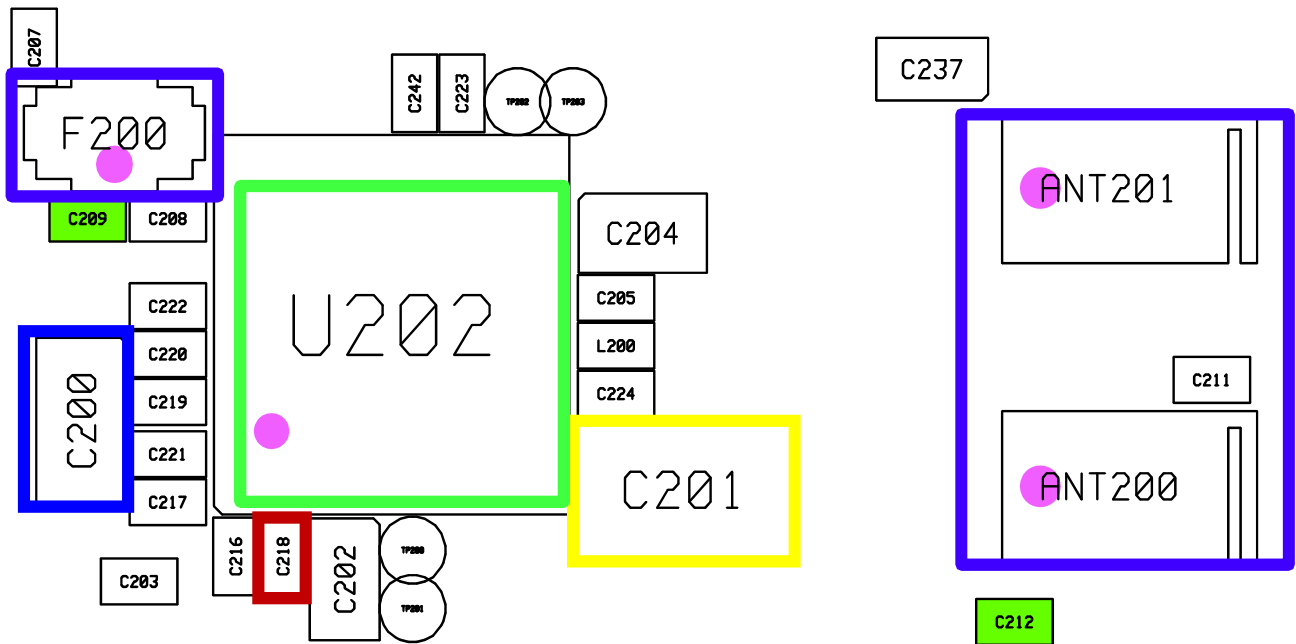
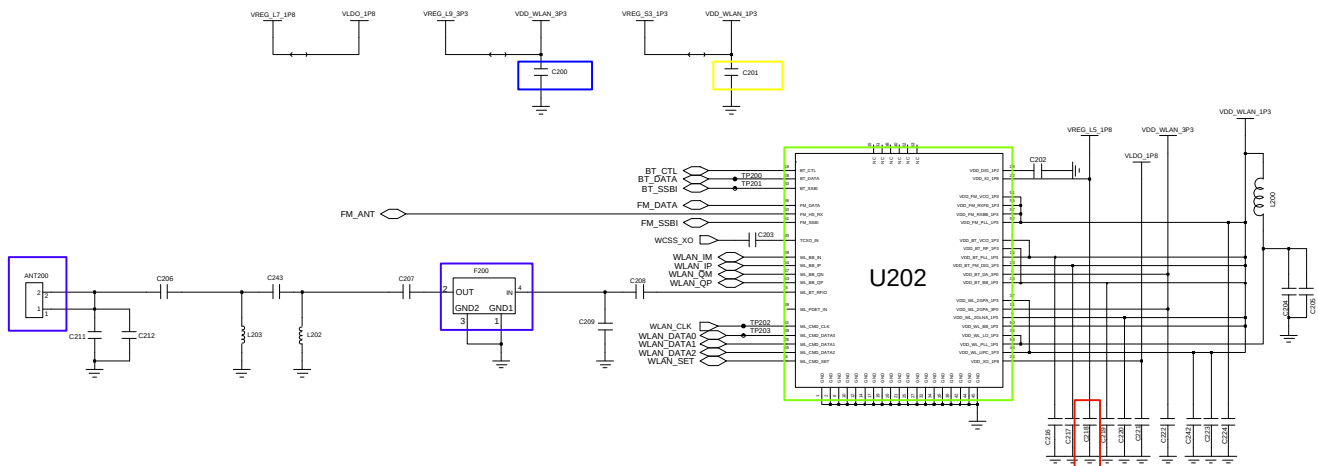
8-3-14. UIM2 Part



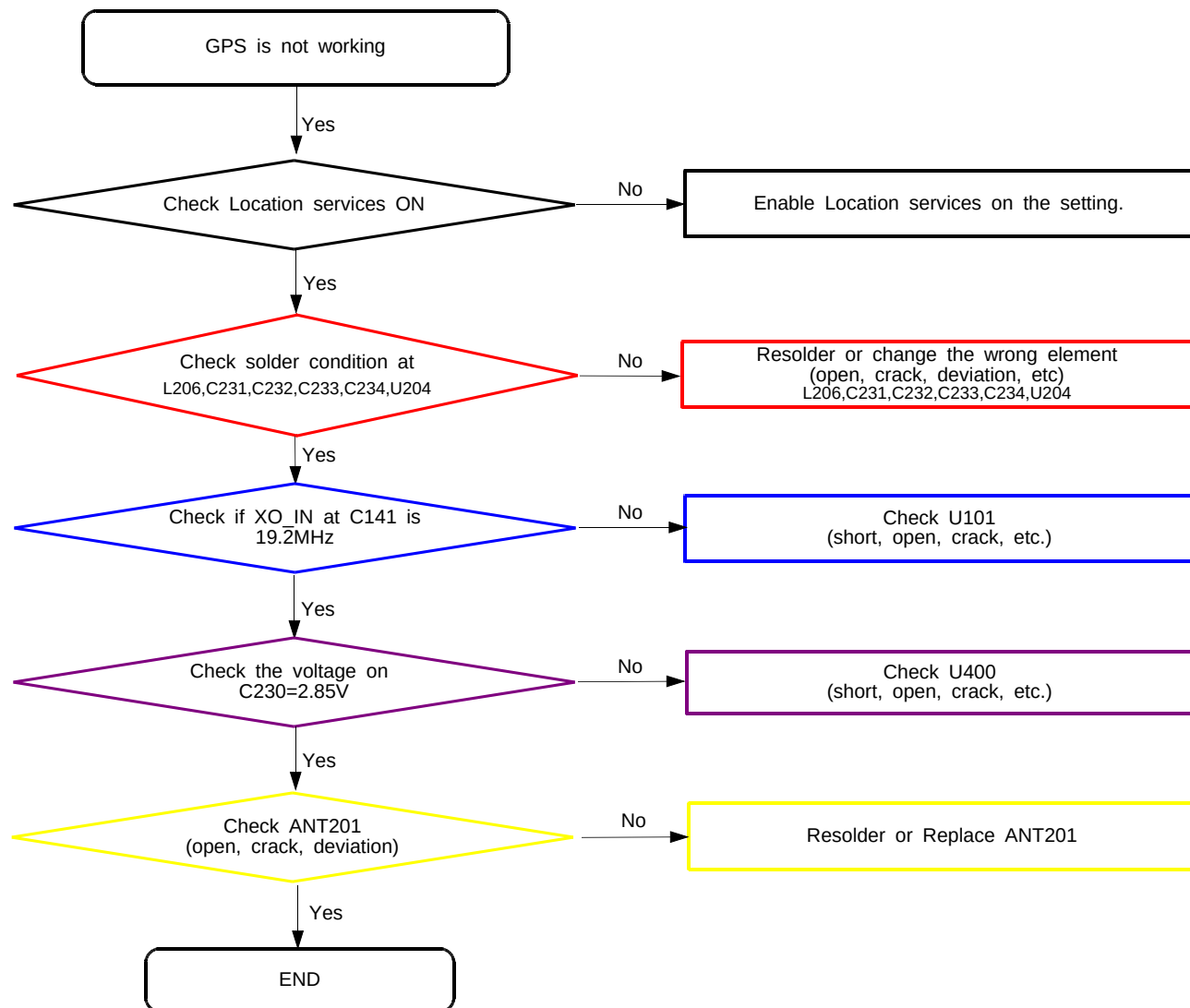


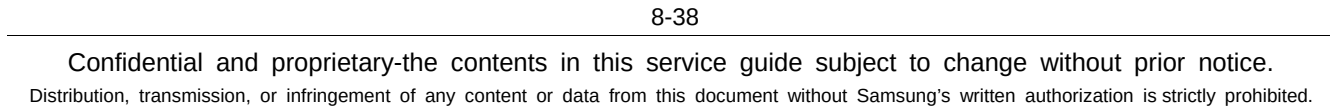
8-3-15. BT/WIFI



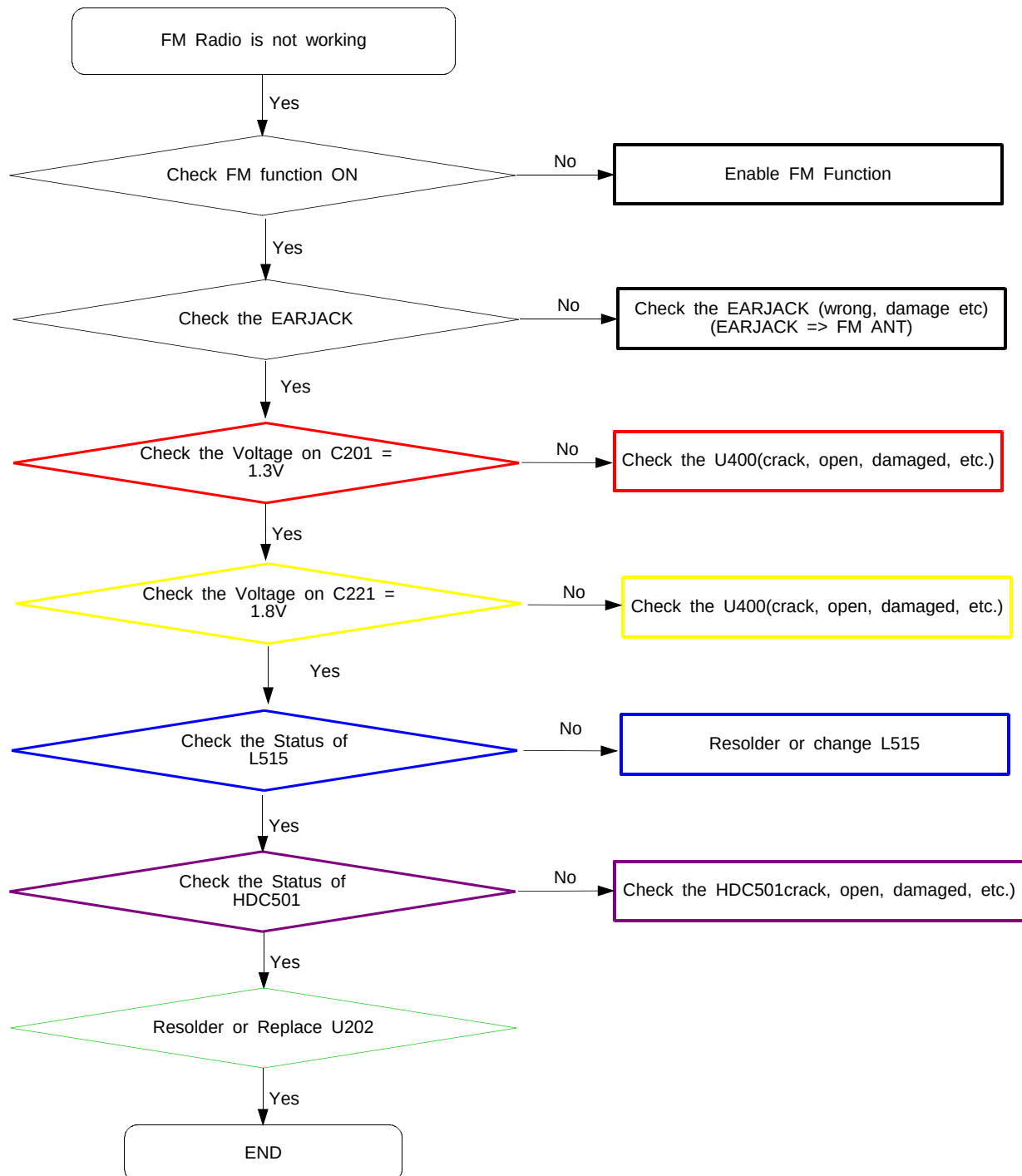


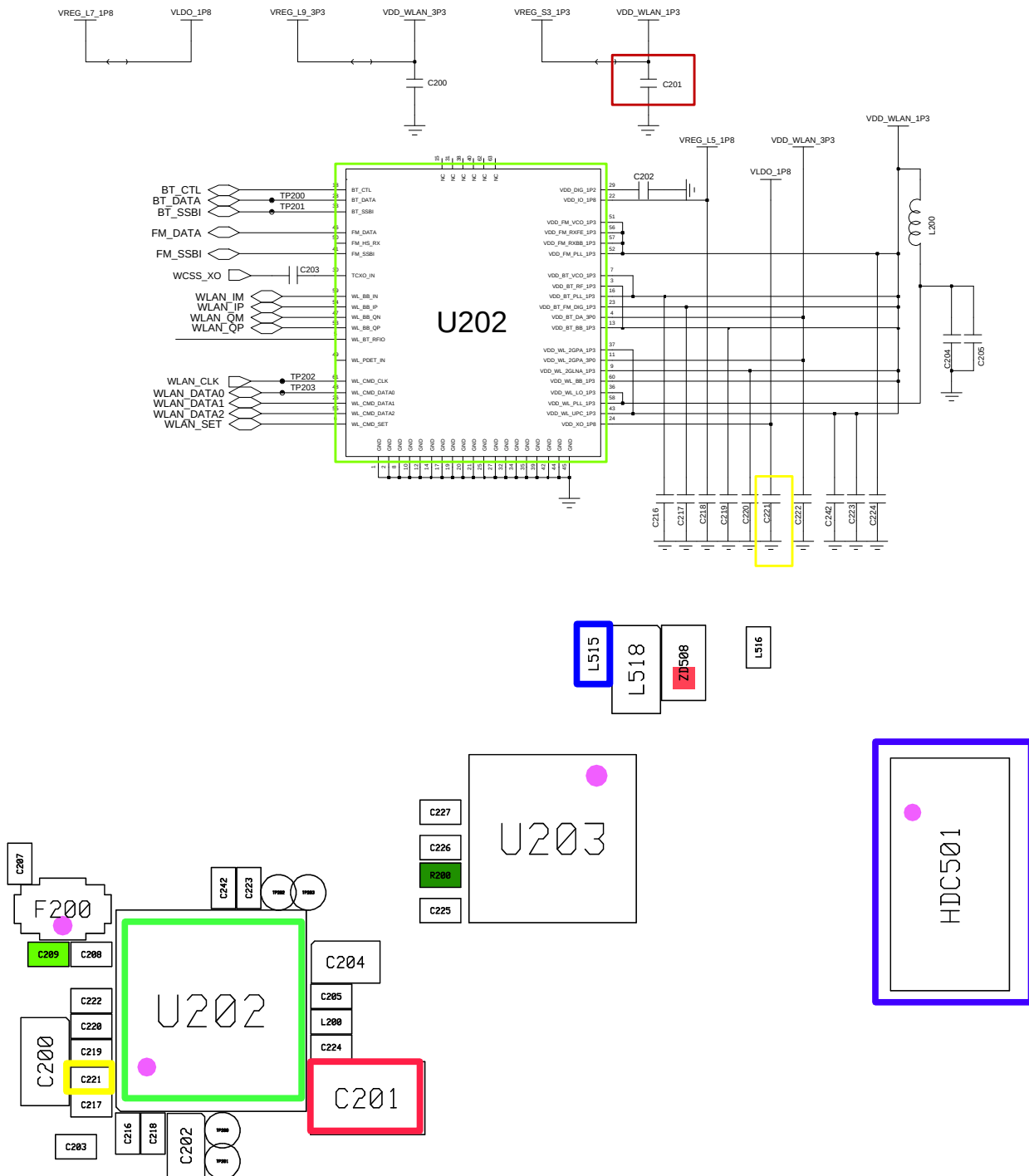
8-3-16. GPS / GNSS



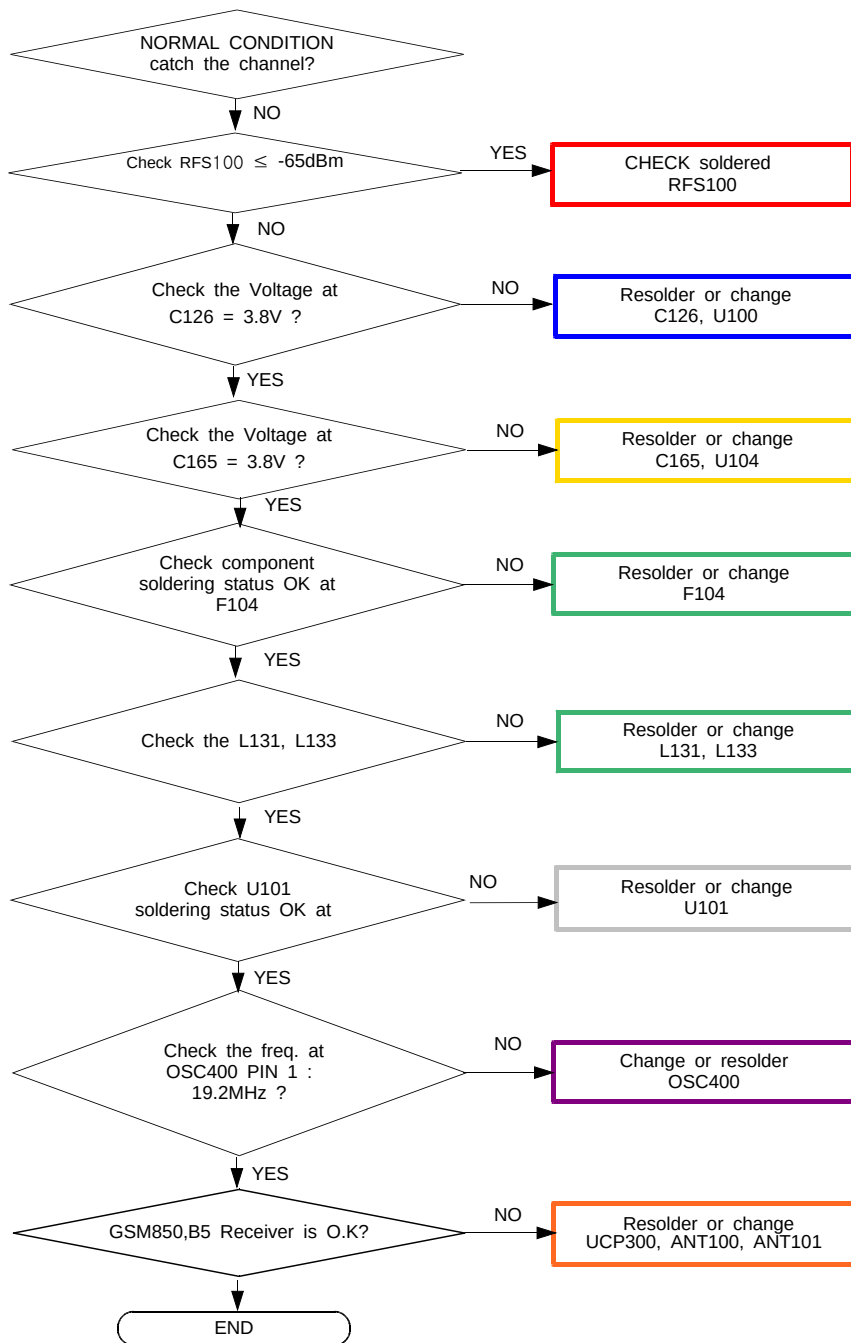


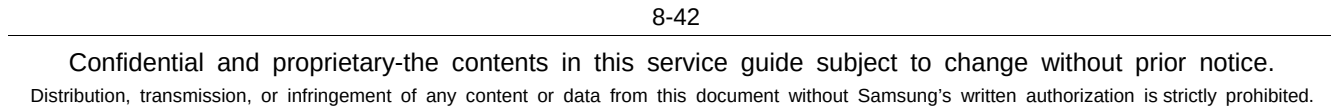
8-3-17. FM Radio

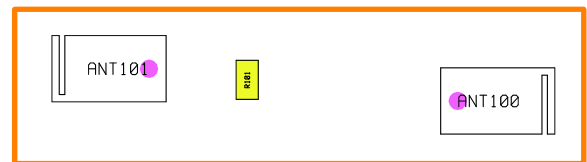
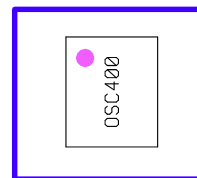
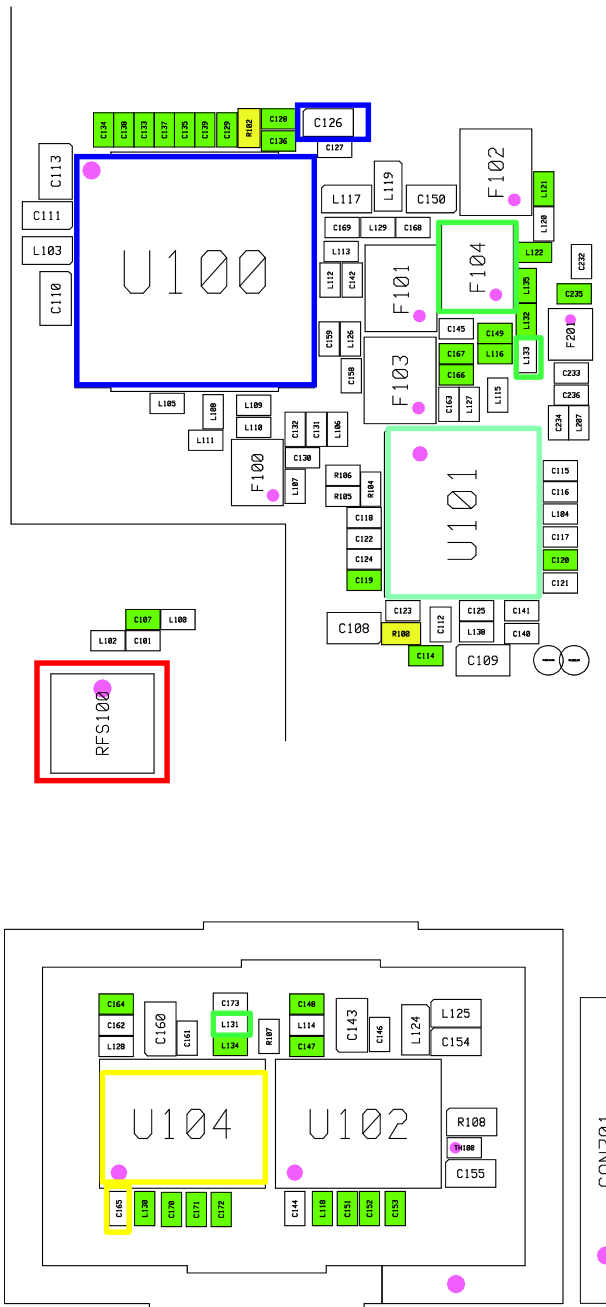




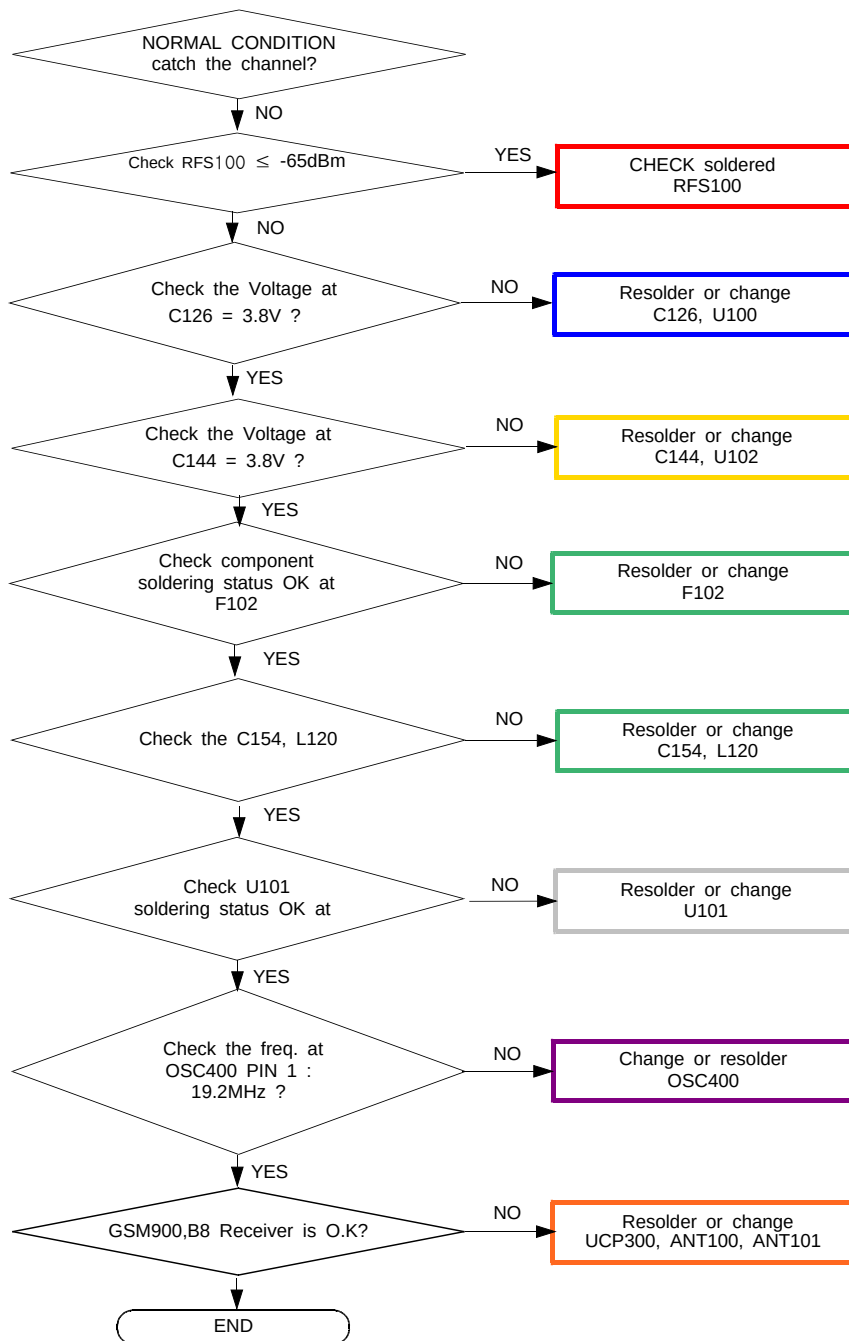
8-3-18. GSM850, WCDMA B5 Rx

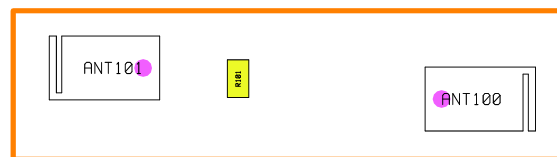
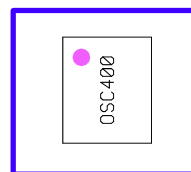
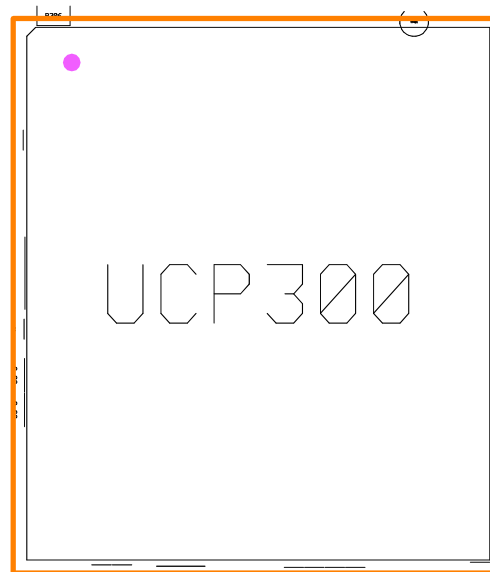
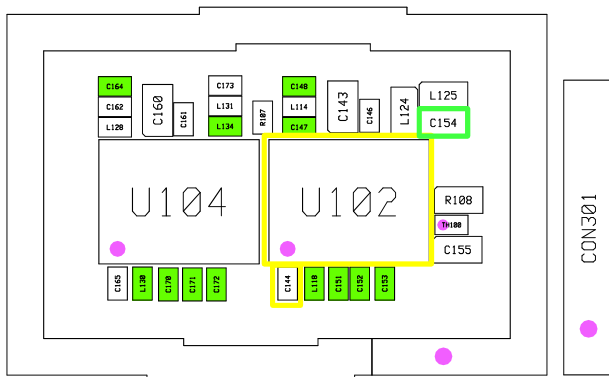
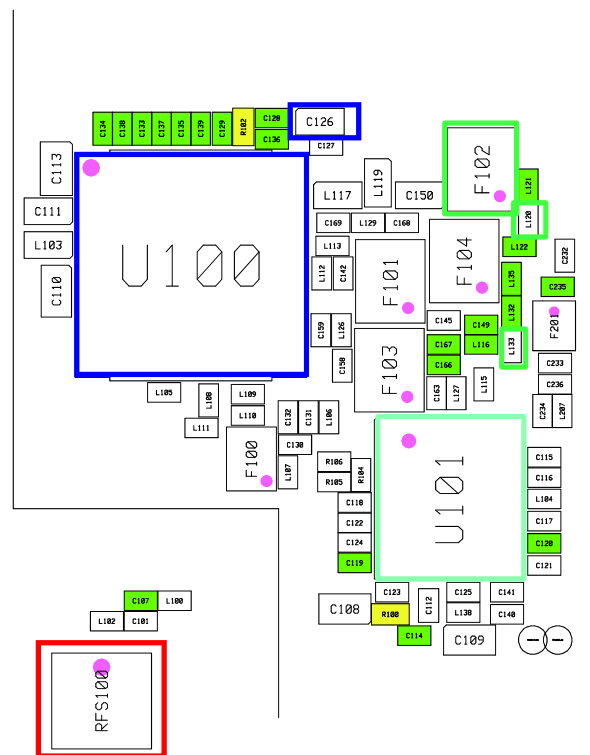




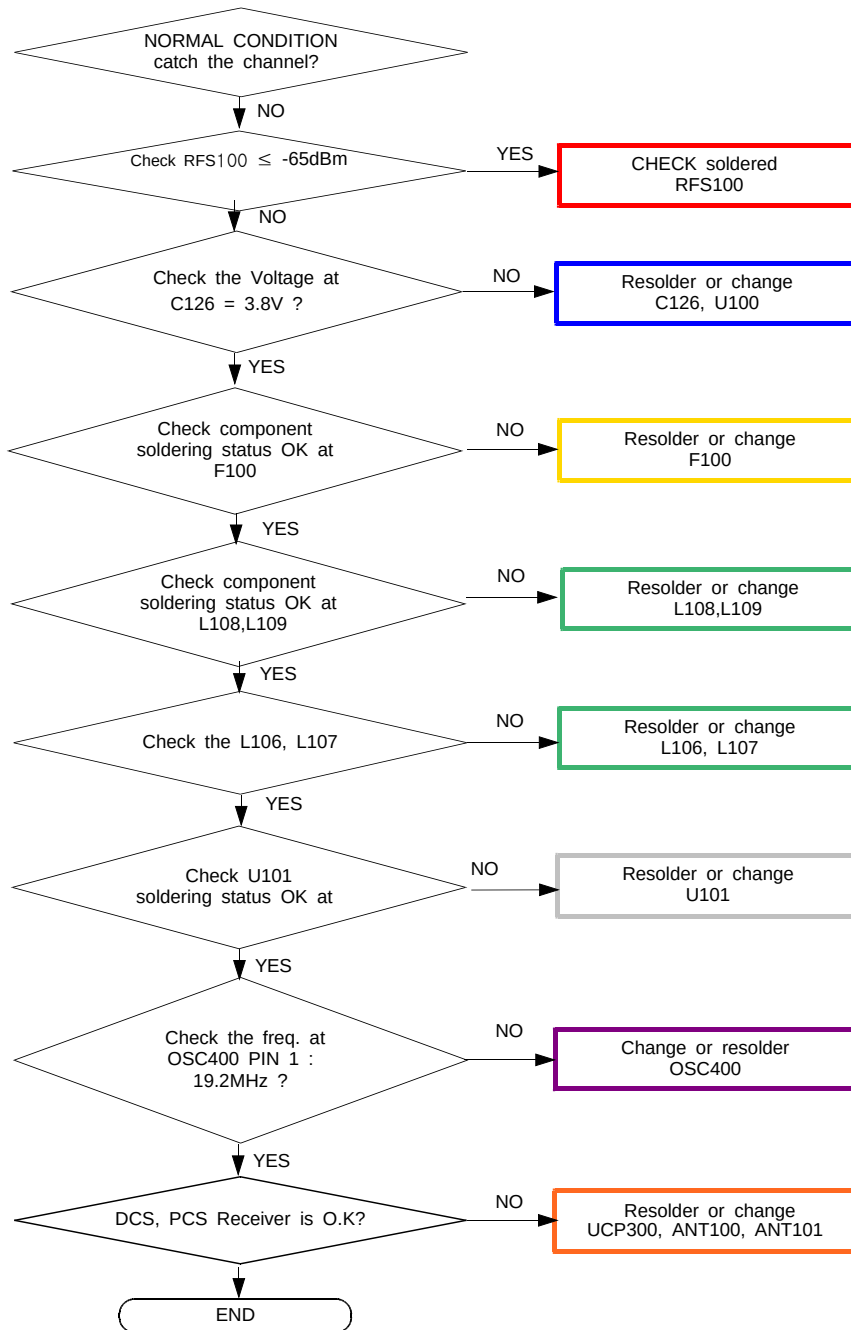


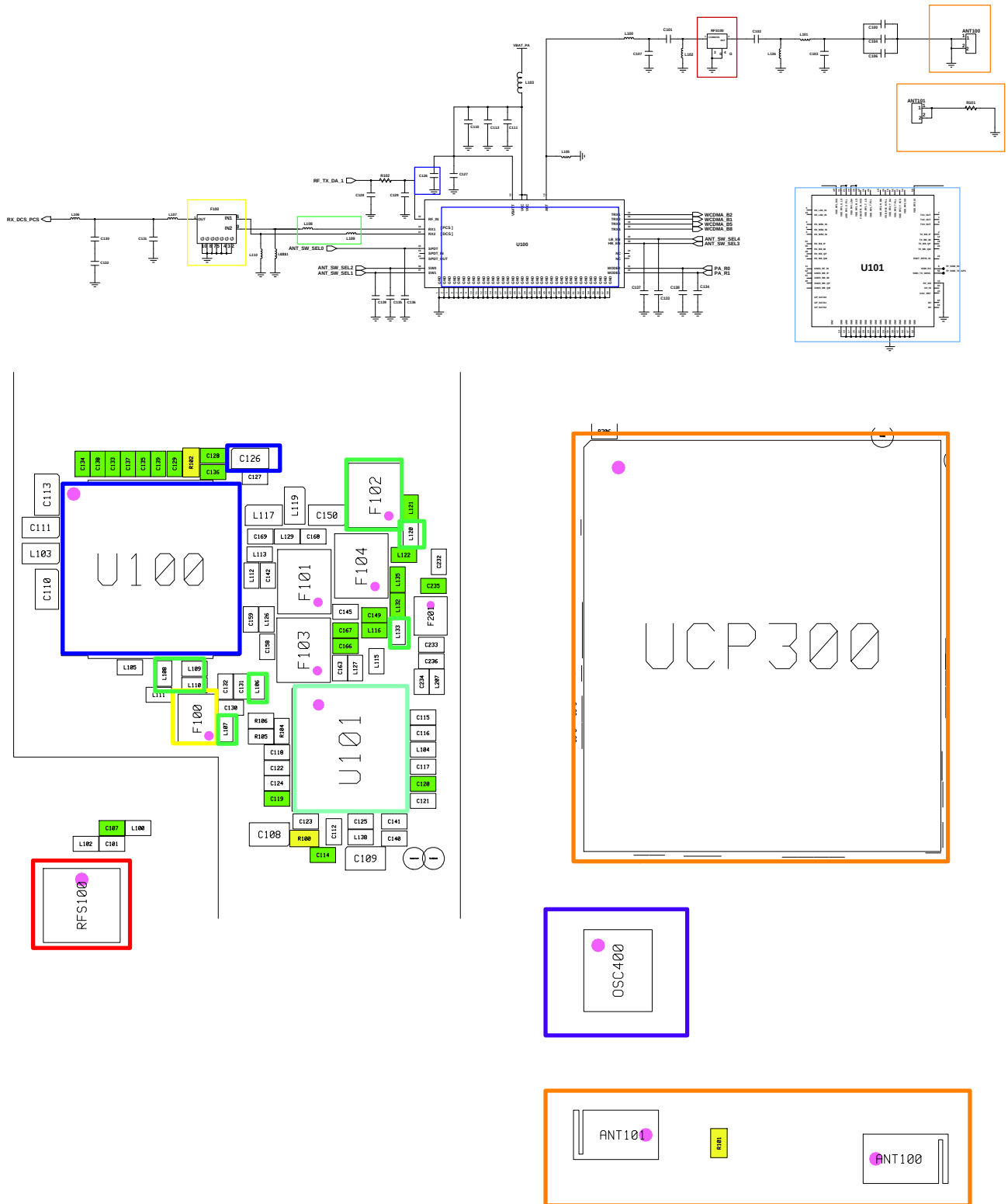
8-3-19. GSM900, WCDMA B8 Rx



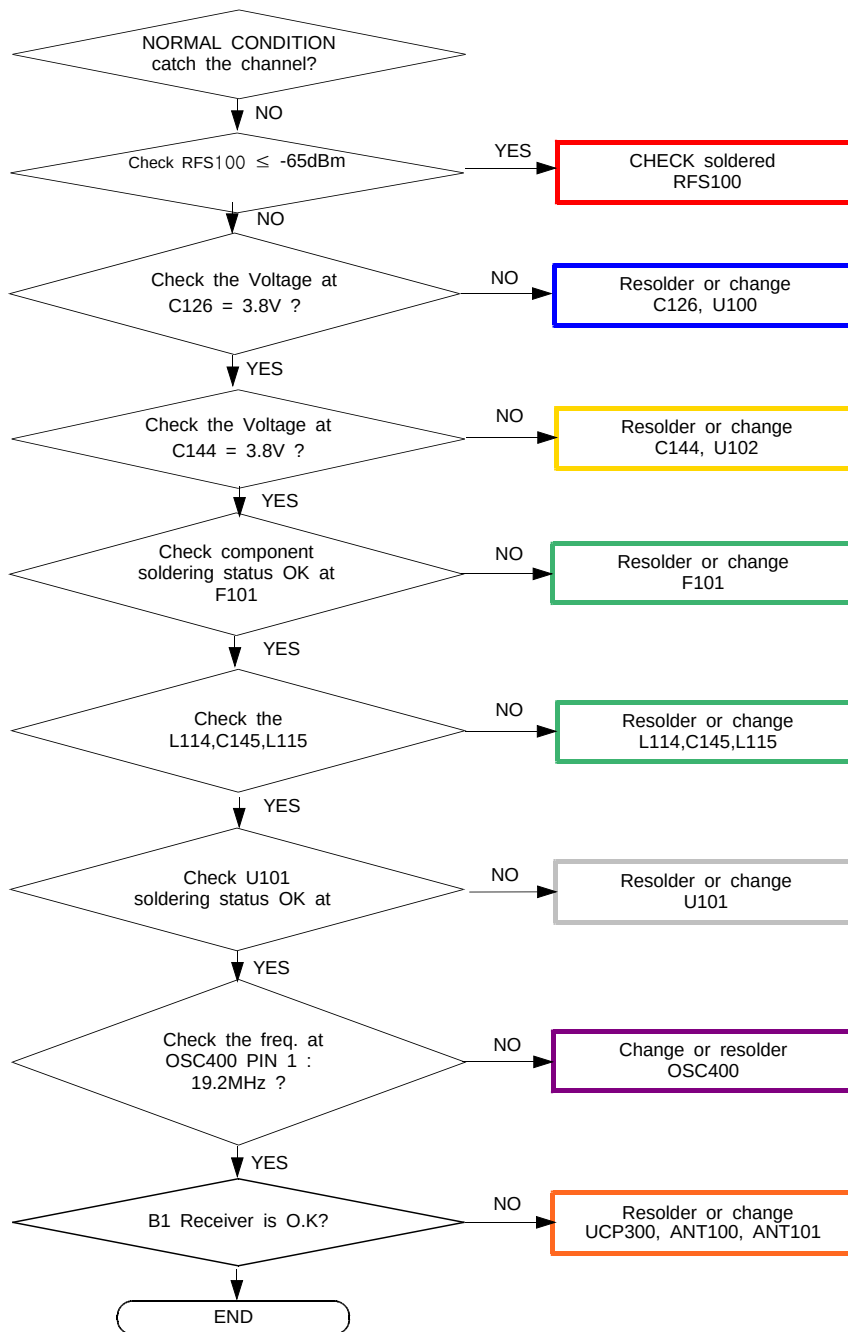


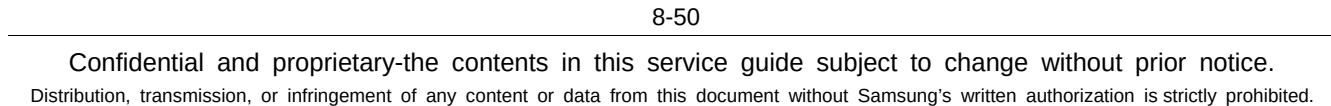
8-3-20. DCS, PCS Rx

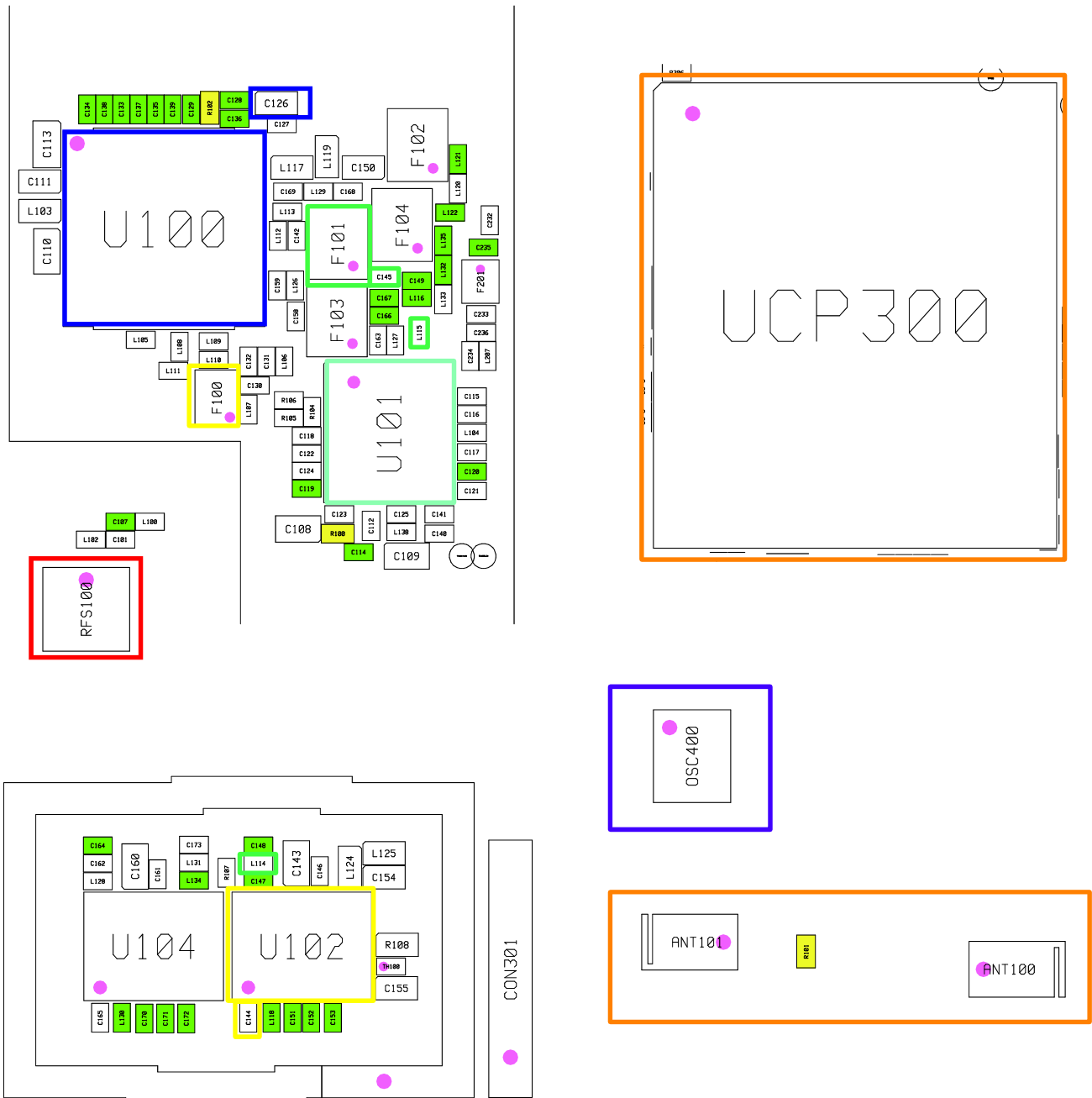




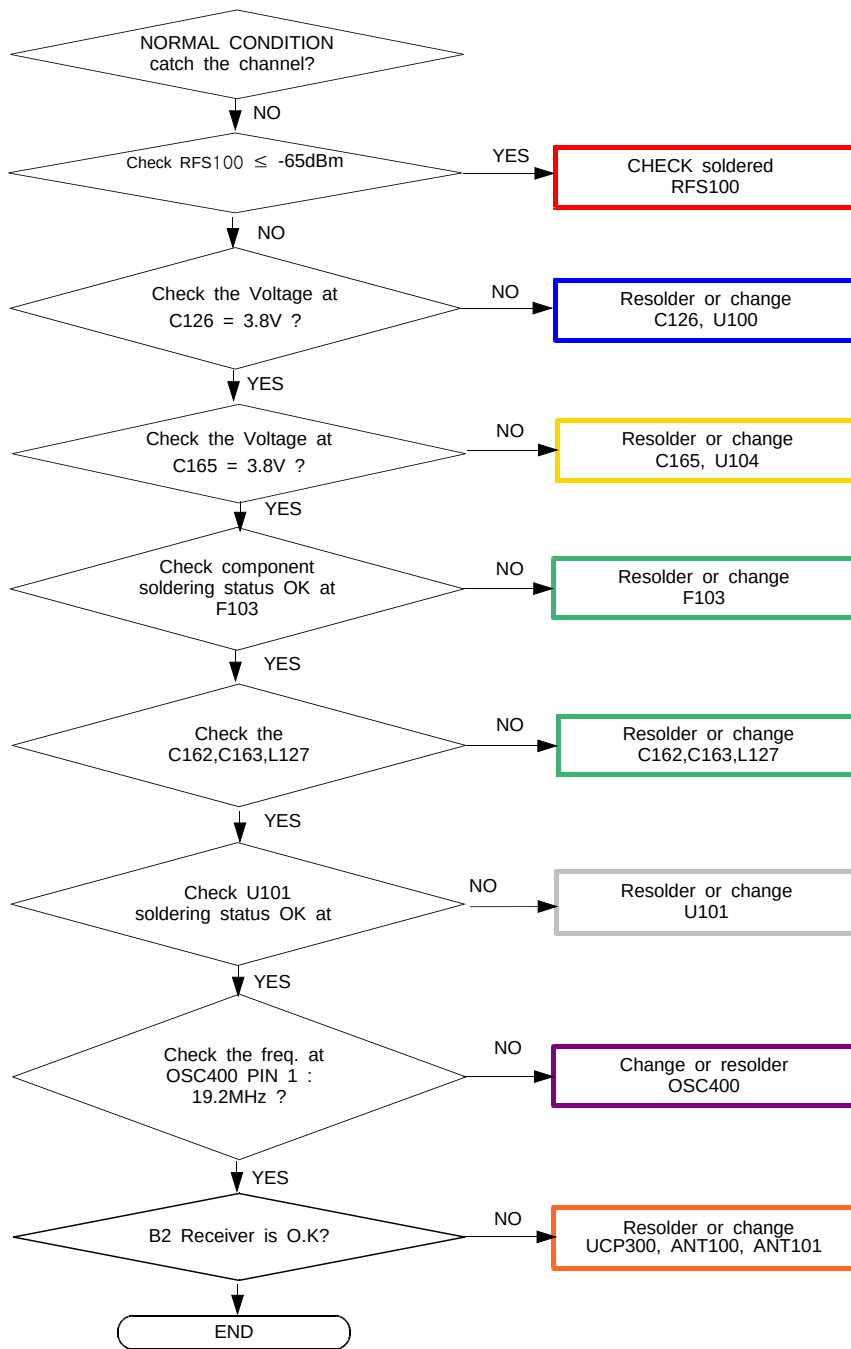
8-3-21. WCDMA B1 Rx

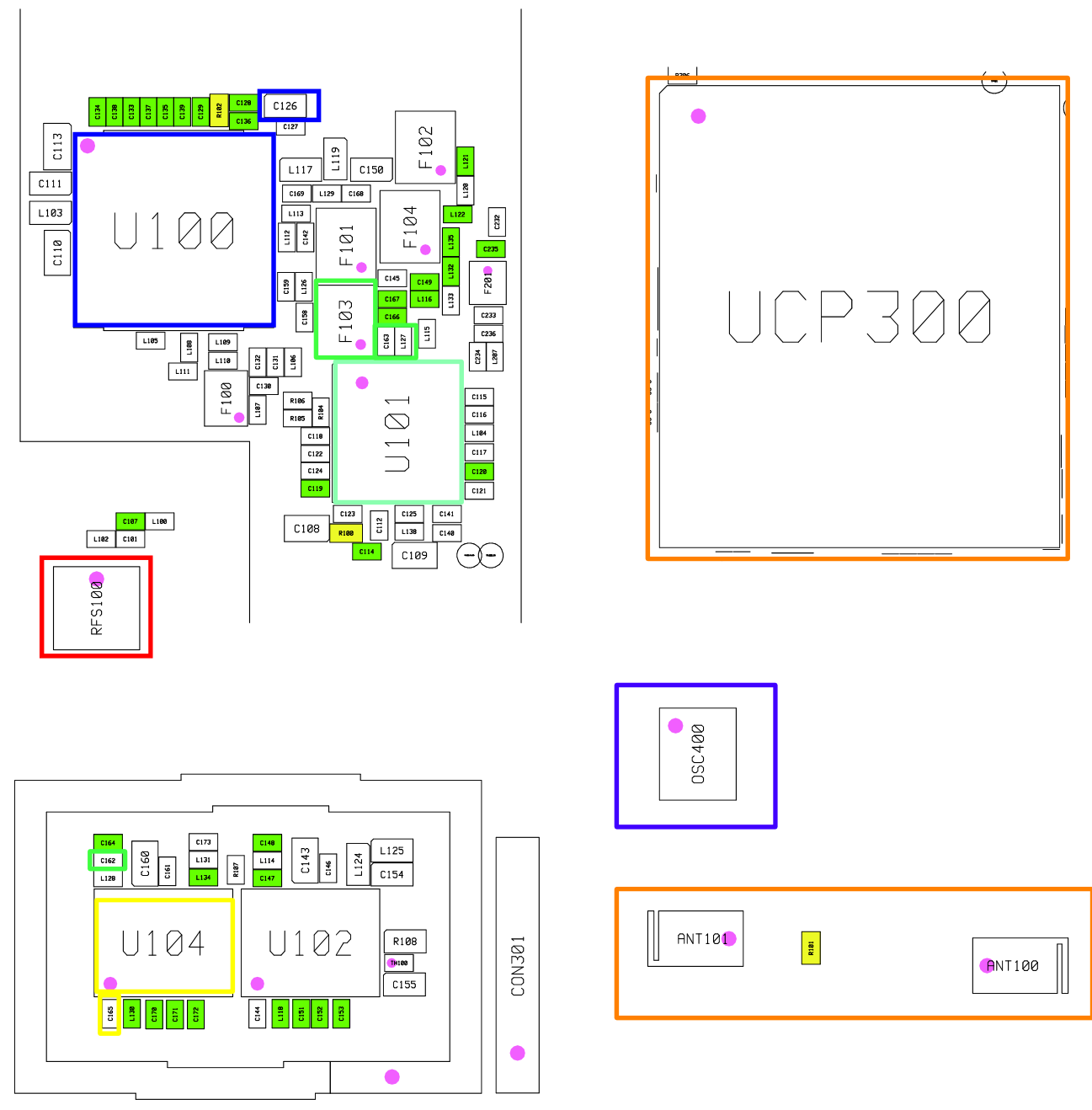




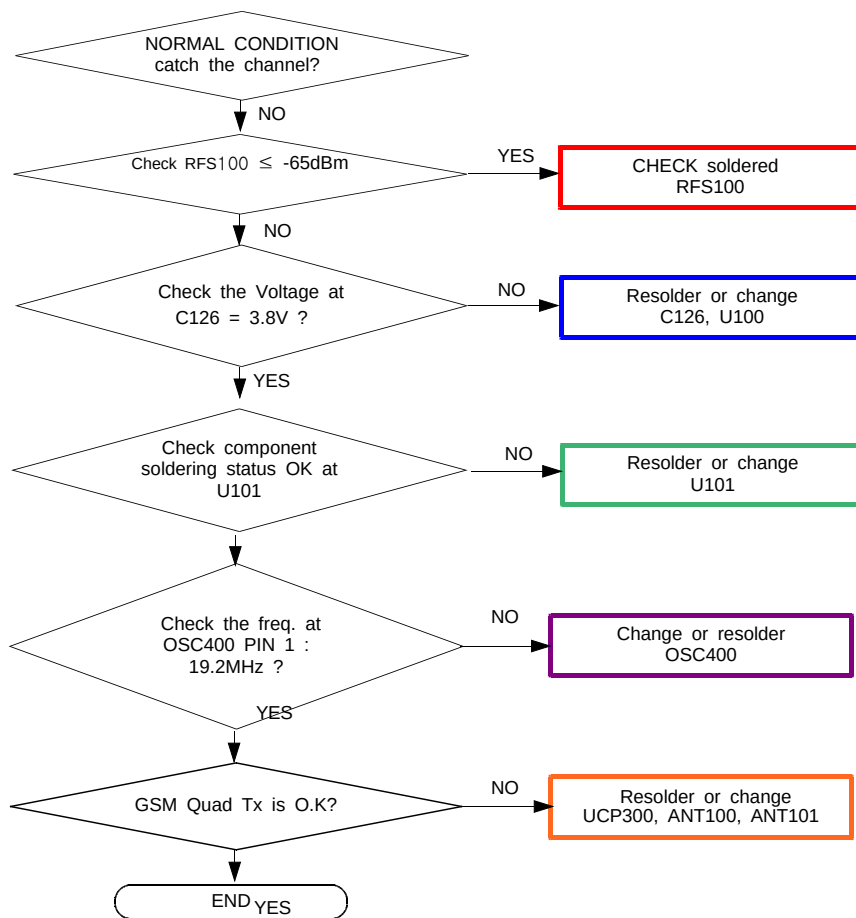


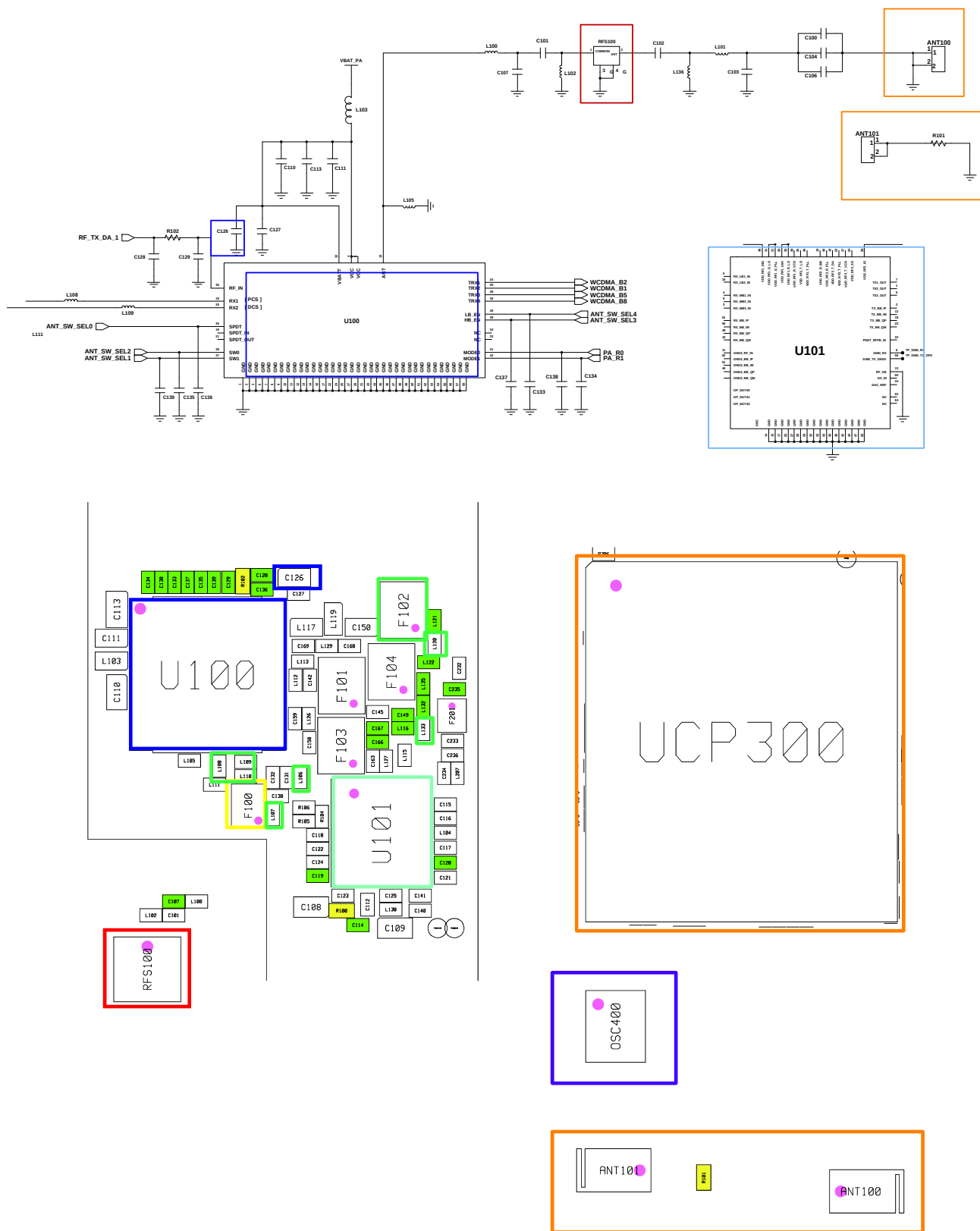
8-3-22. WCDMA B2 Rx



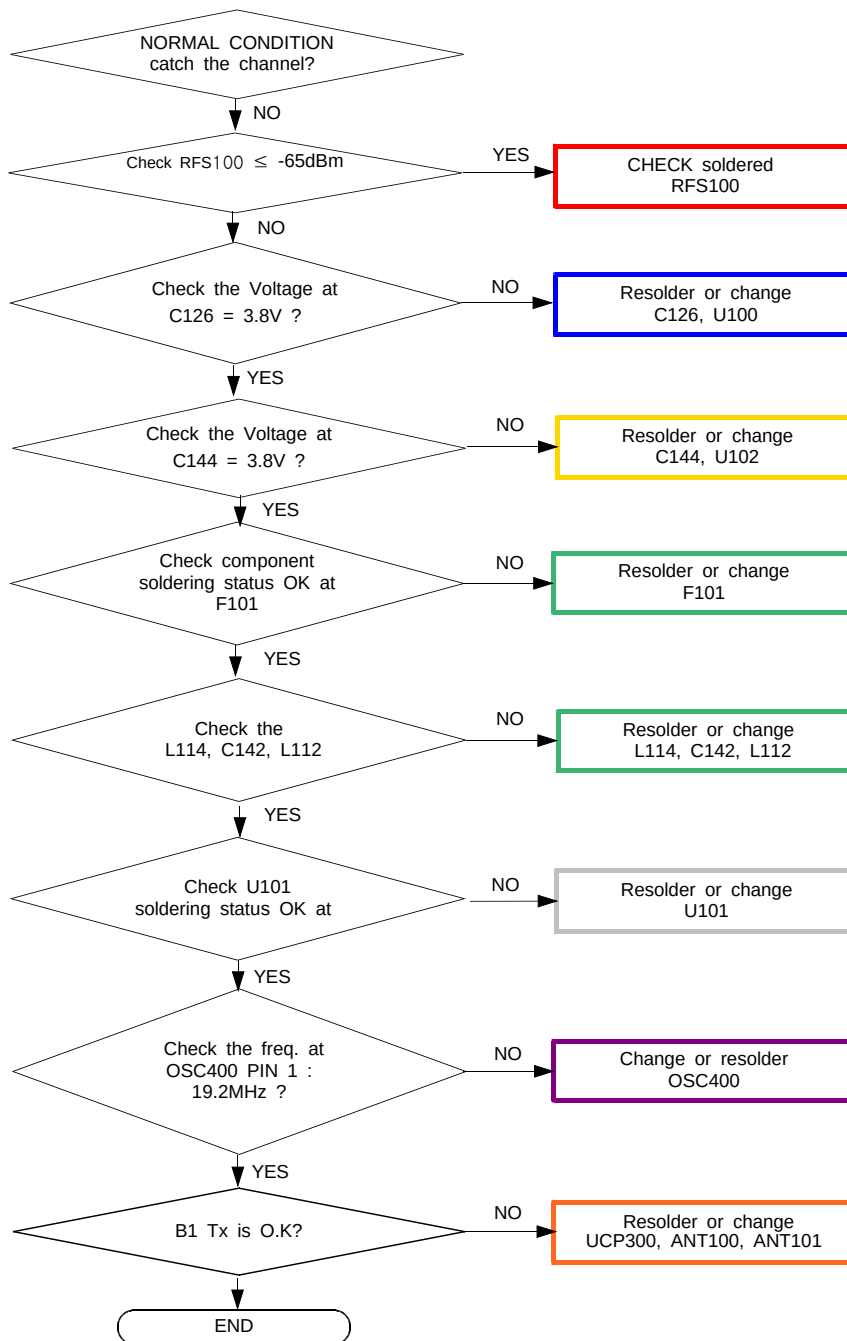


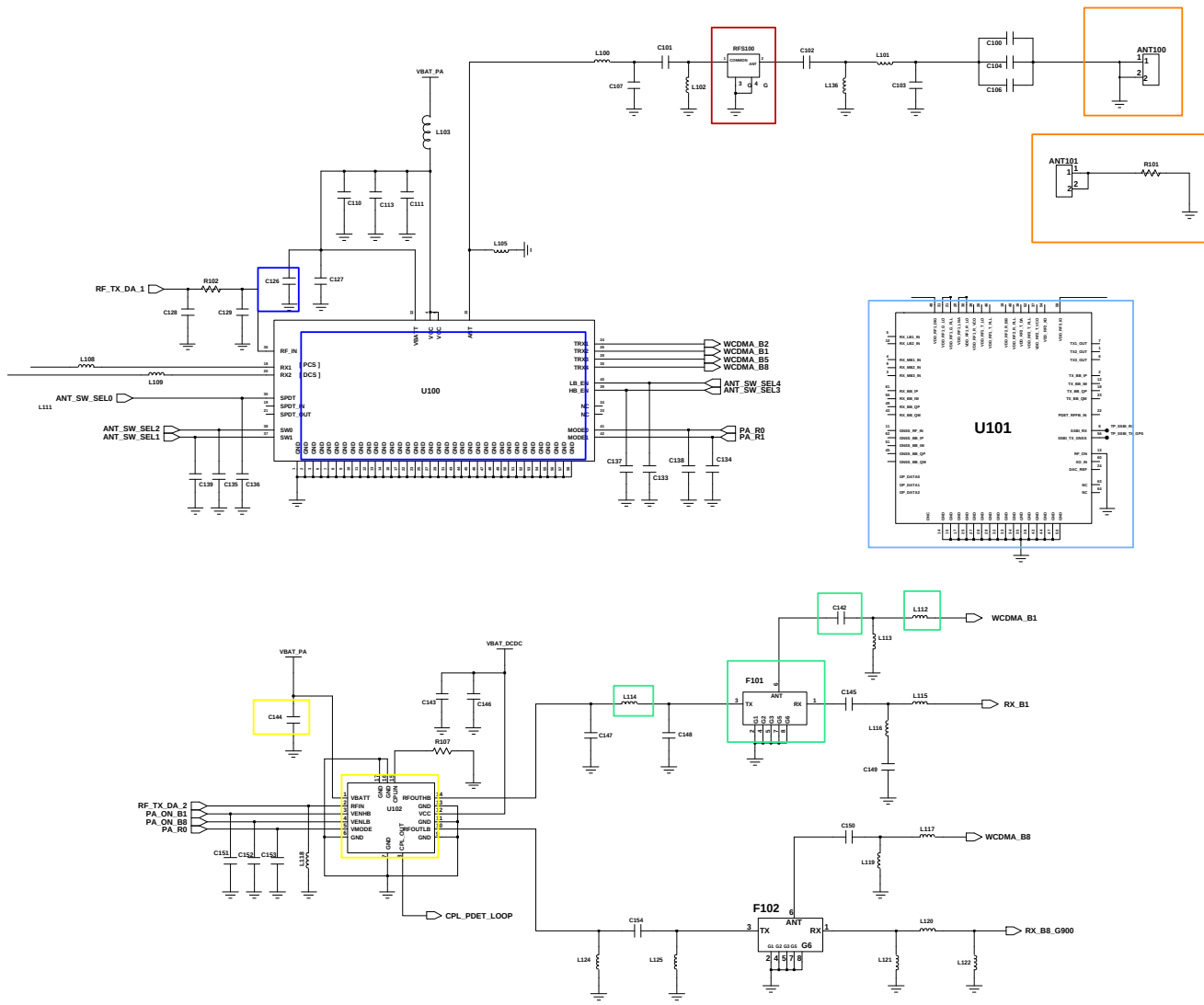
8-3-23. GSM Quad Tx

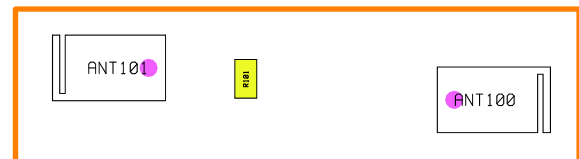
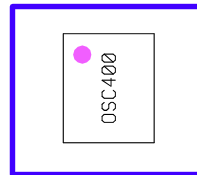
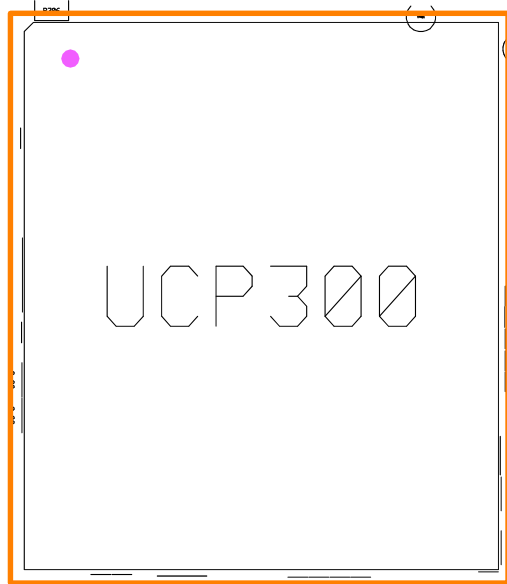




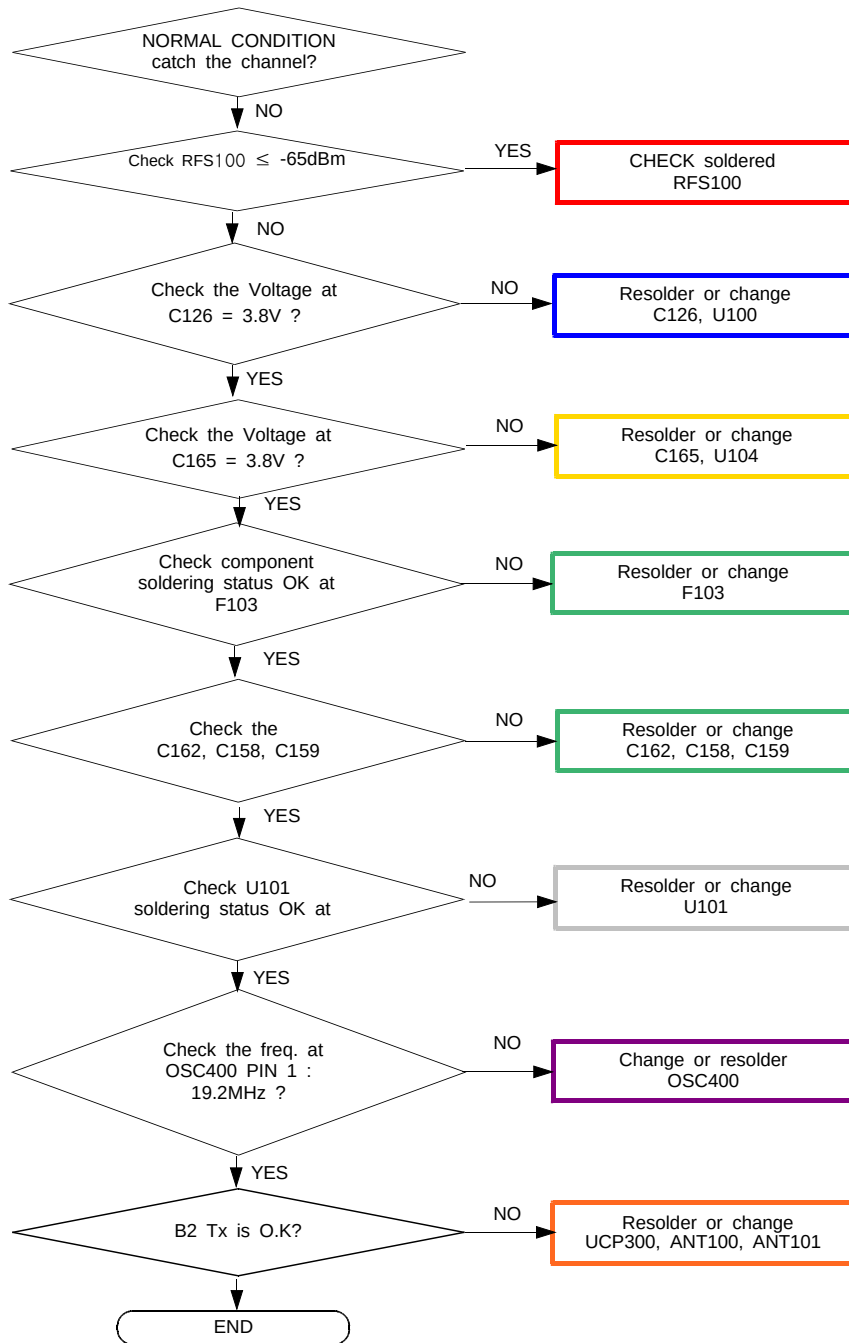
8-3-24. WCDMA B1 Tx

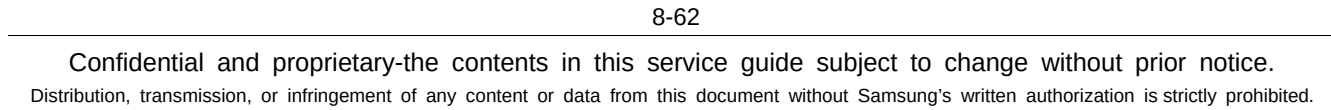




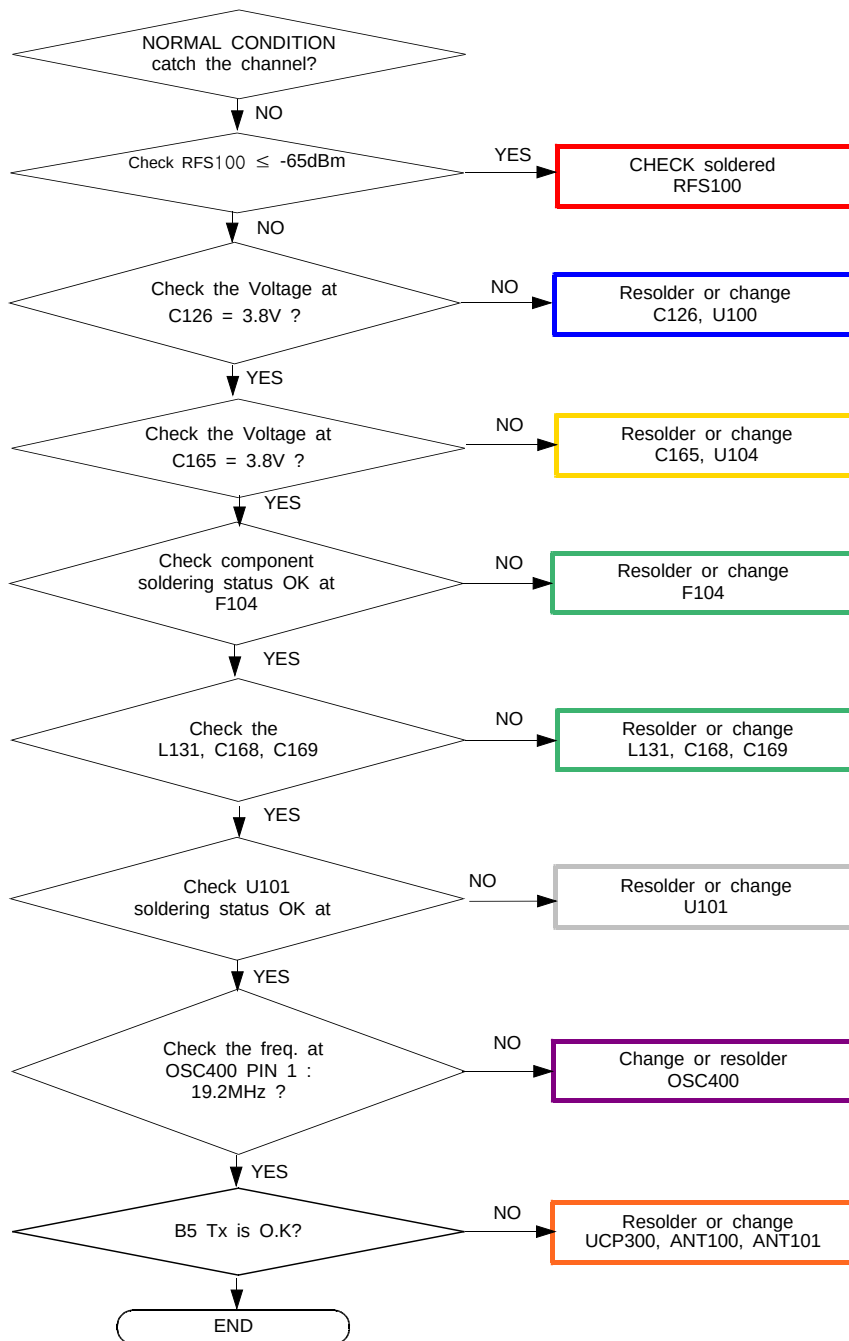


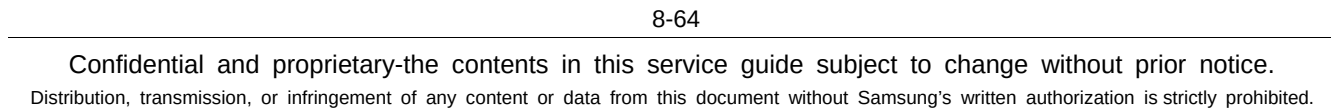
8-3-25 WCDMA B2 Tx

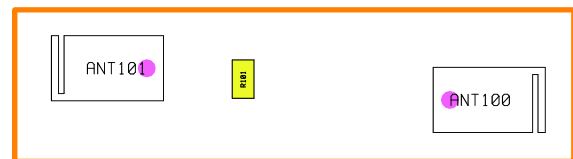
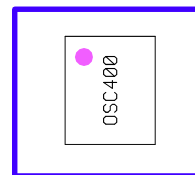
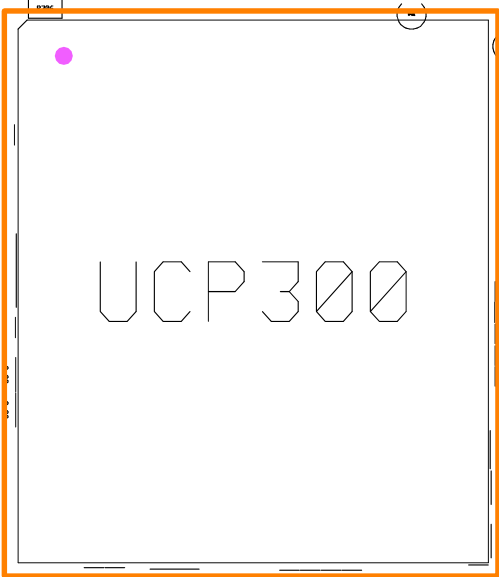




8-3-12. WCDMA B5 Tx







8-3-26. WCDMA B8 Tx

