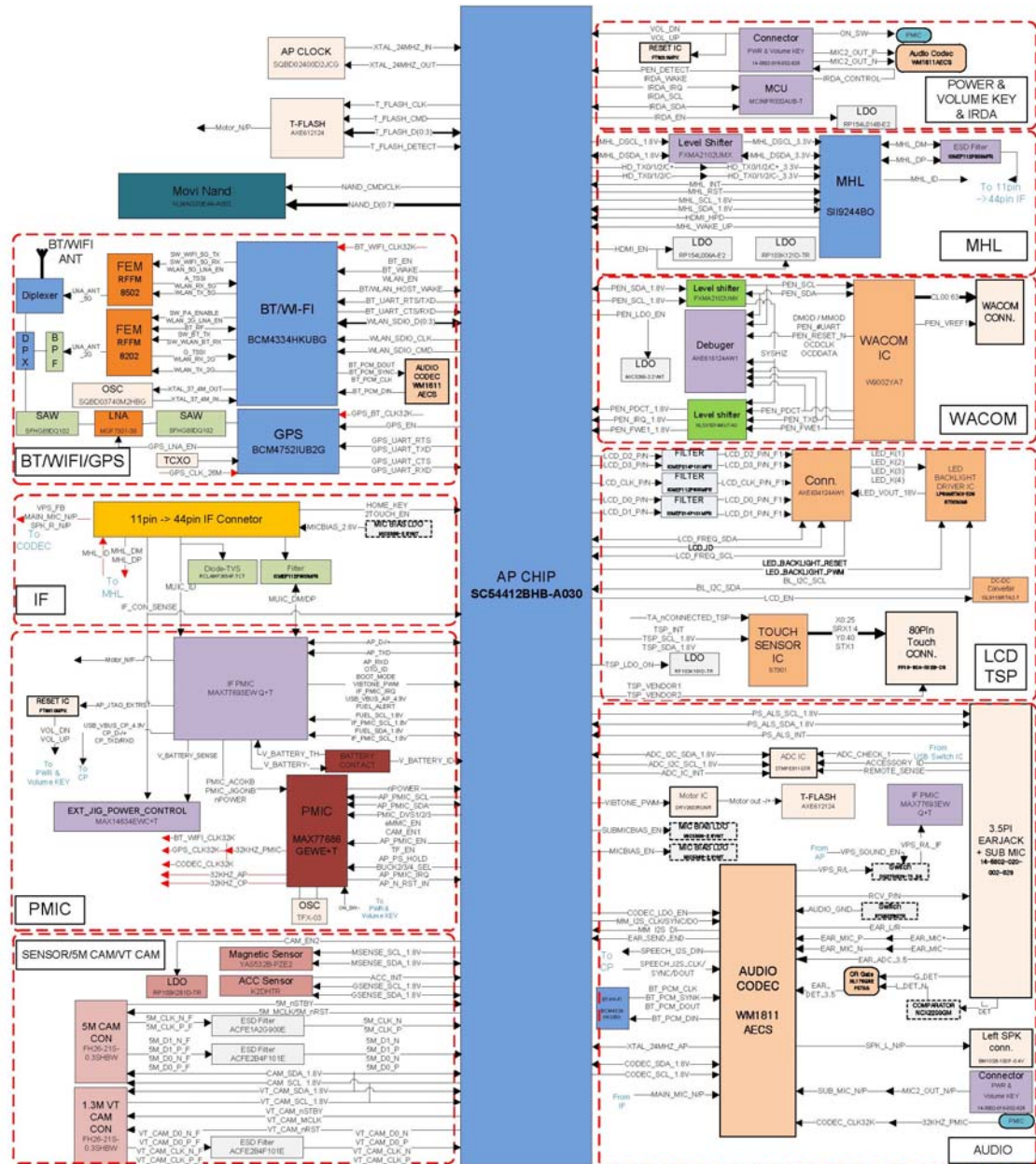


8. Level 3 Repair

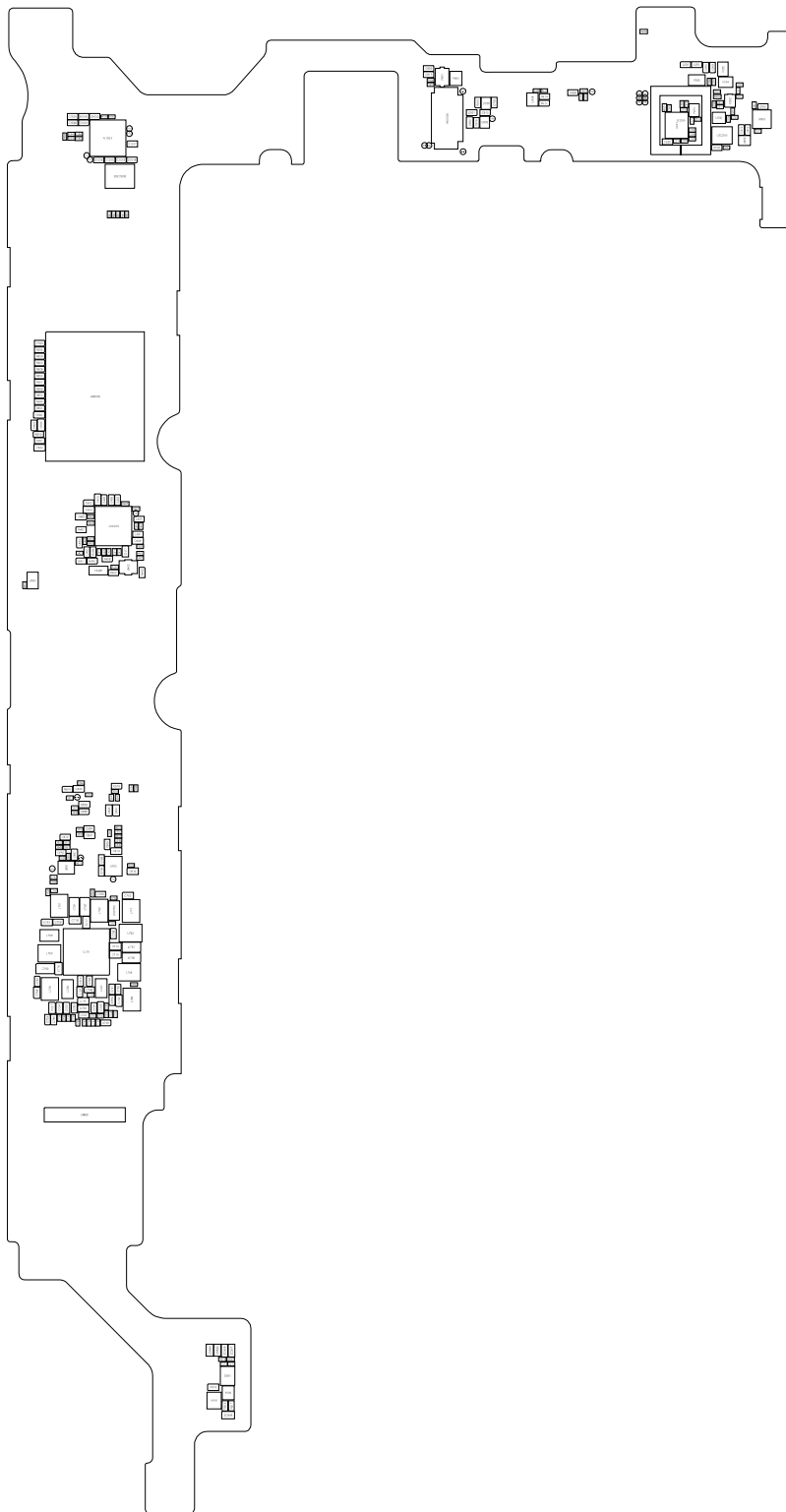
8-1. Block Diagram

GT-N5110 BLOCK DIAGRAM

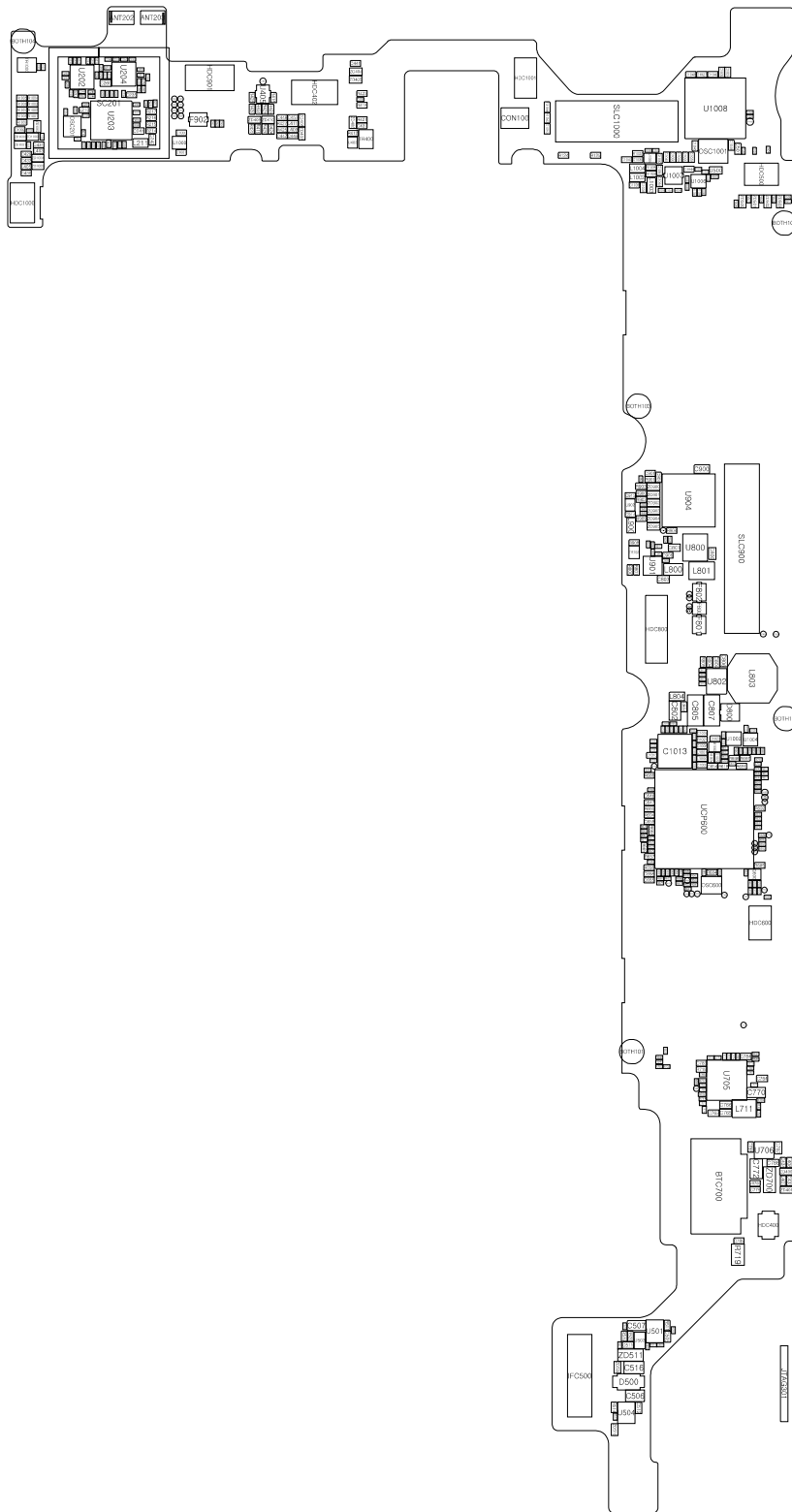


8-2. PCB Diagrams

8-2-1. Top

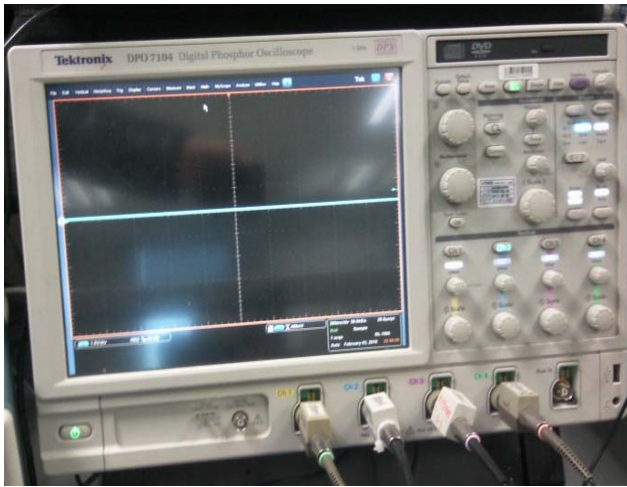


8-2-2. Bottom



8-3. Flow Chart of Troubleshooting

Equipments



↑ Oscilloscope



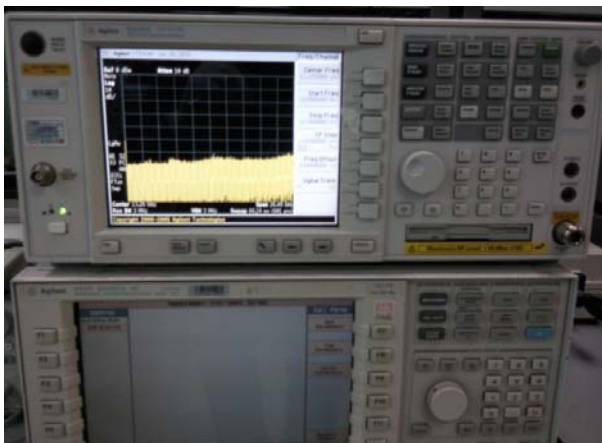
↑ Digital Multimeter



↑ Power Supply



↑ + driver, ESD Safe Tweezer

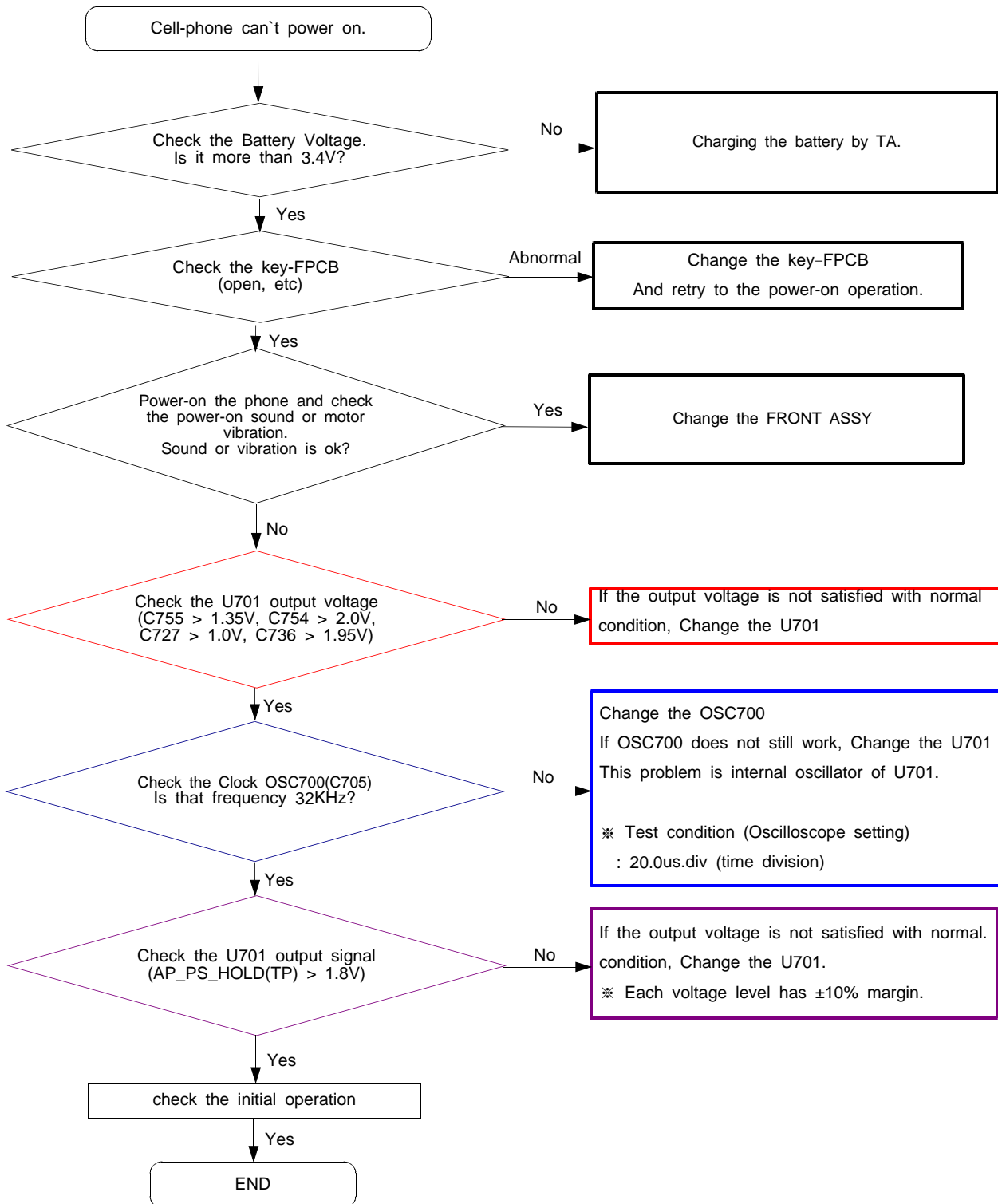


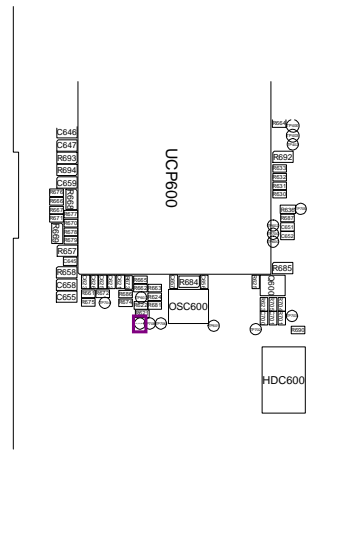
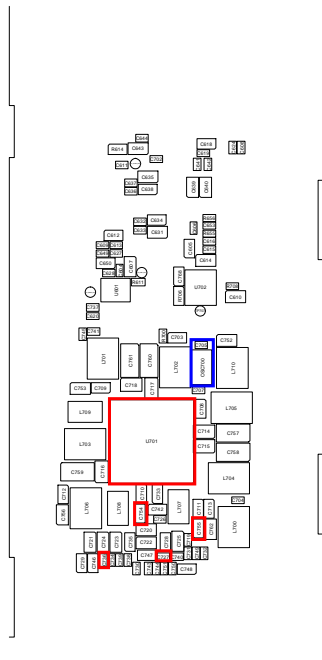
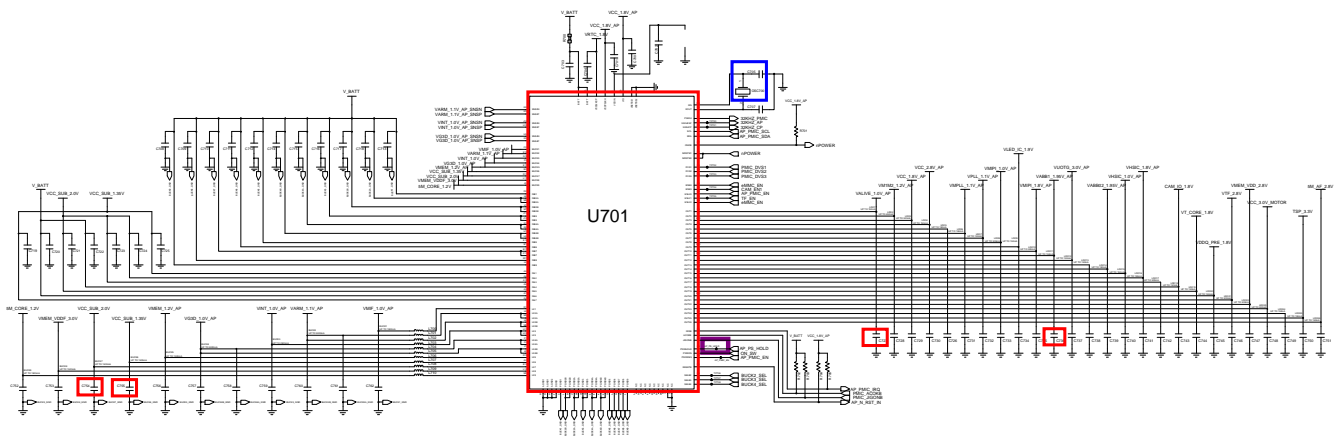
↑ 8960 & Spectrum Analyzer



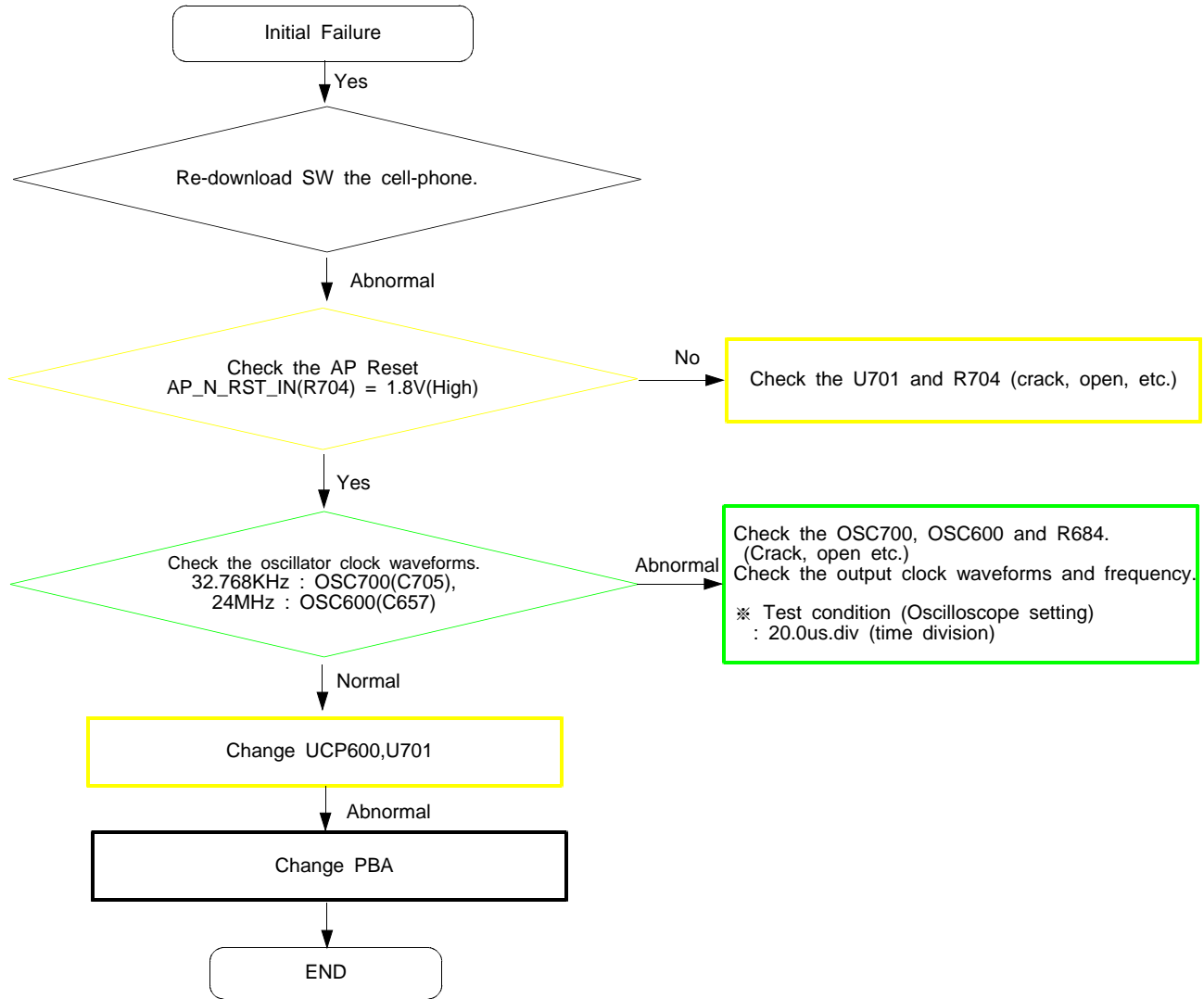
↑ Soldering iron

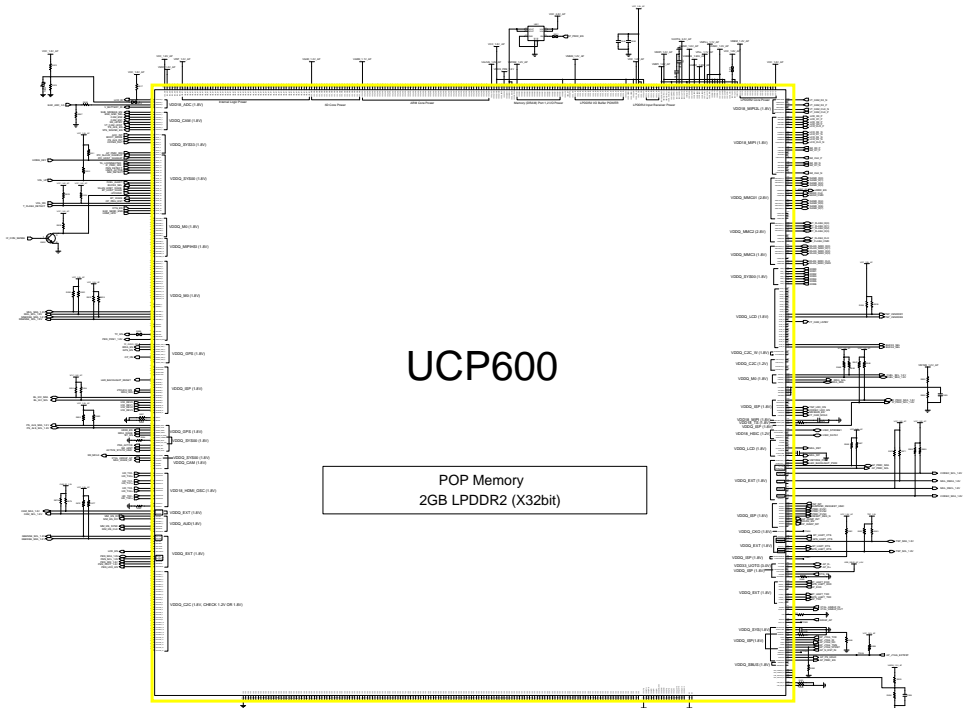
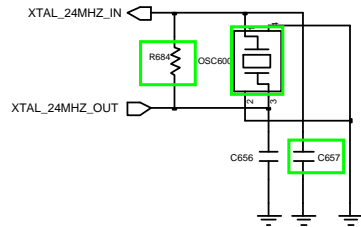
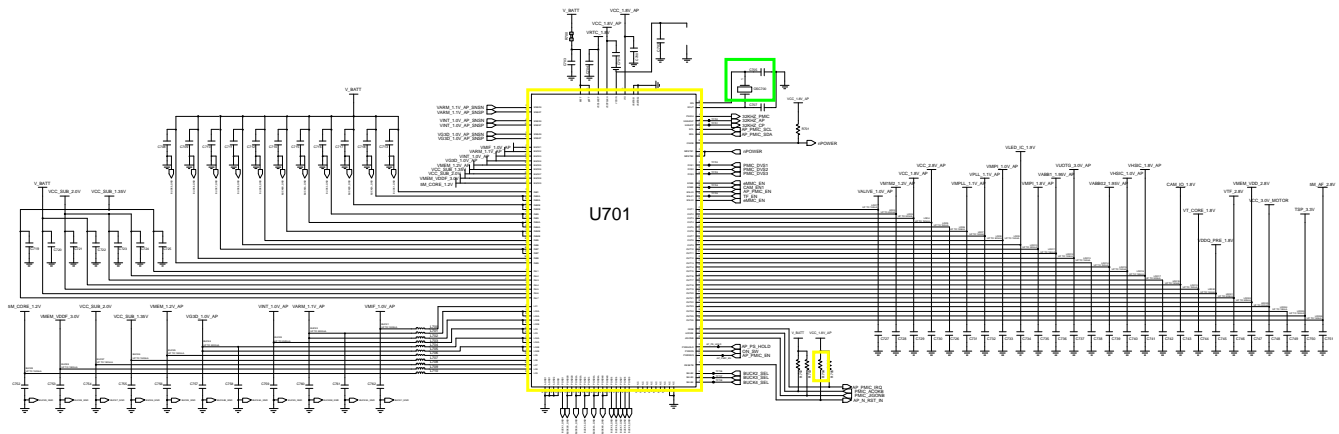
8-3-1. Power On

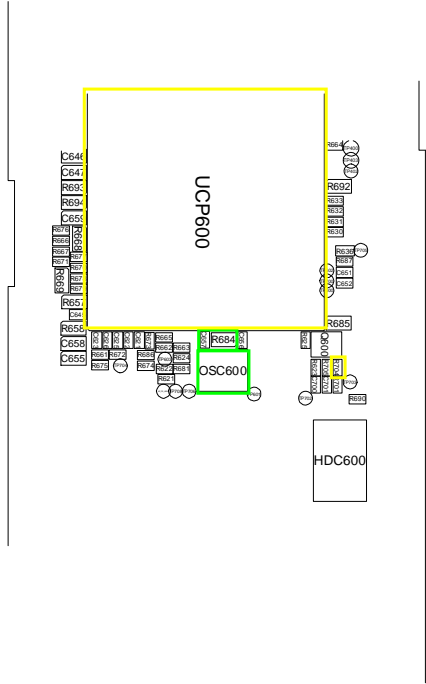
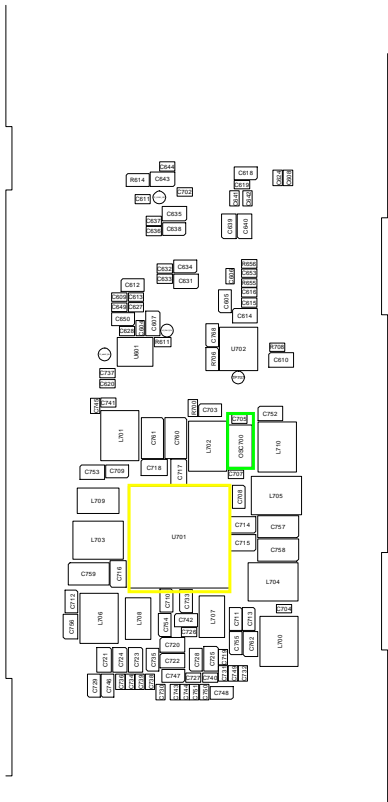




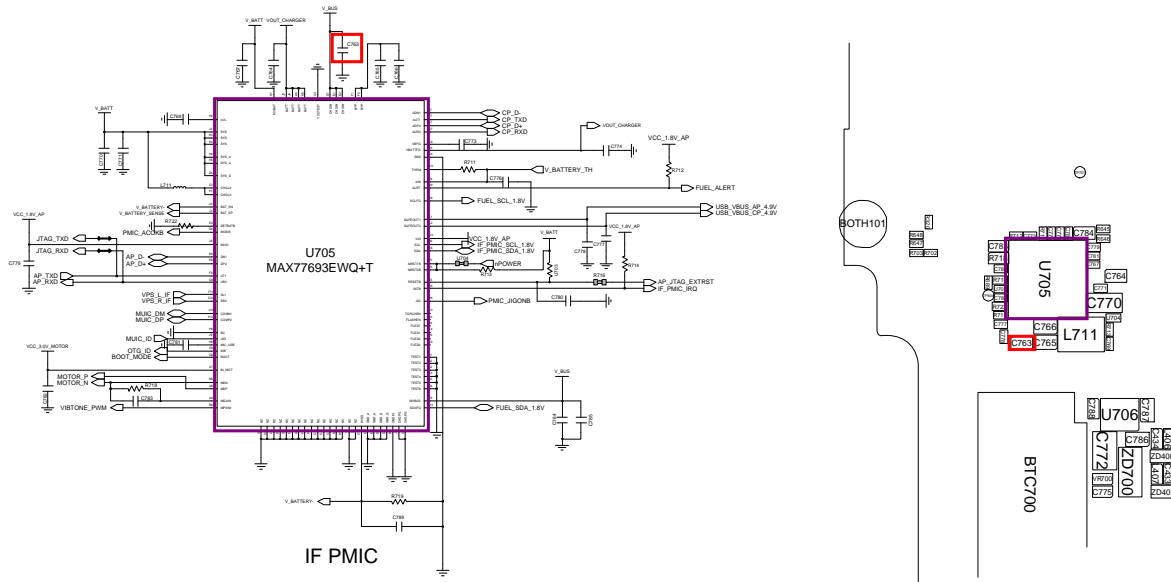
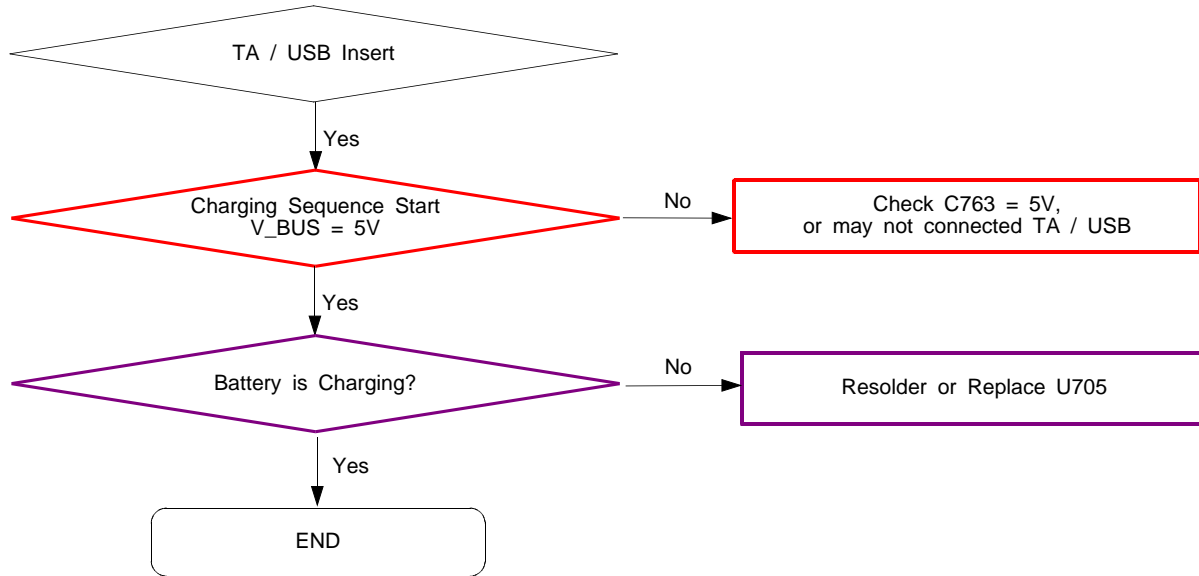
8-3-2. Initial



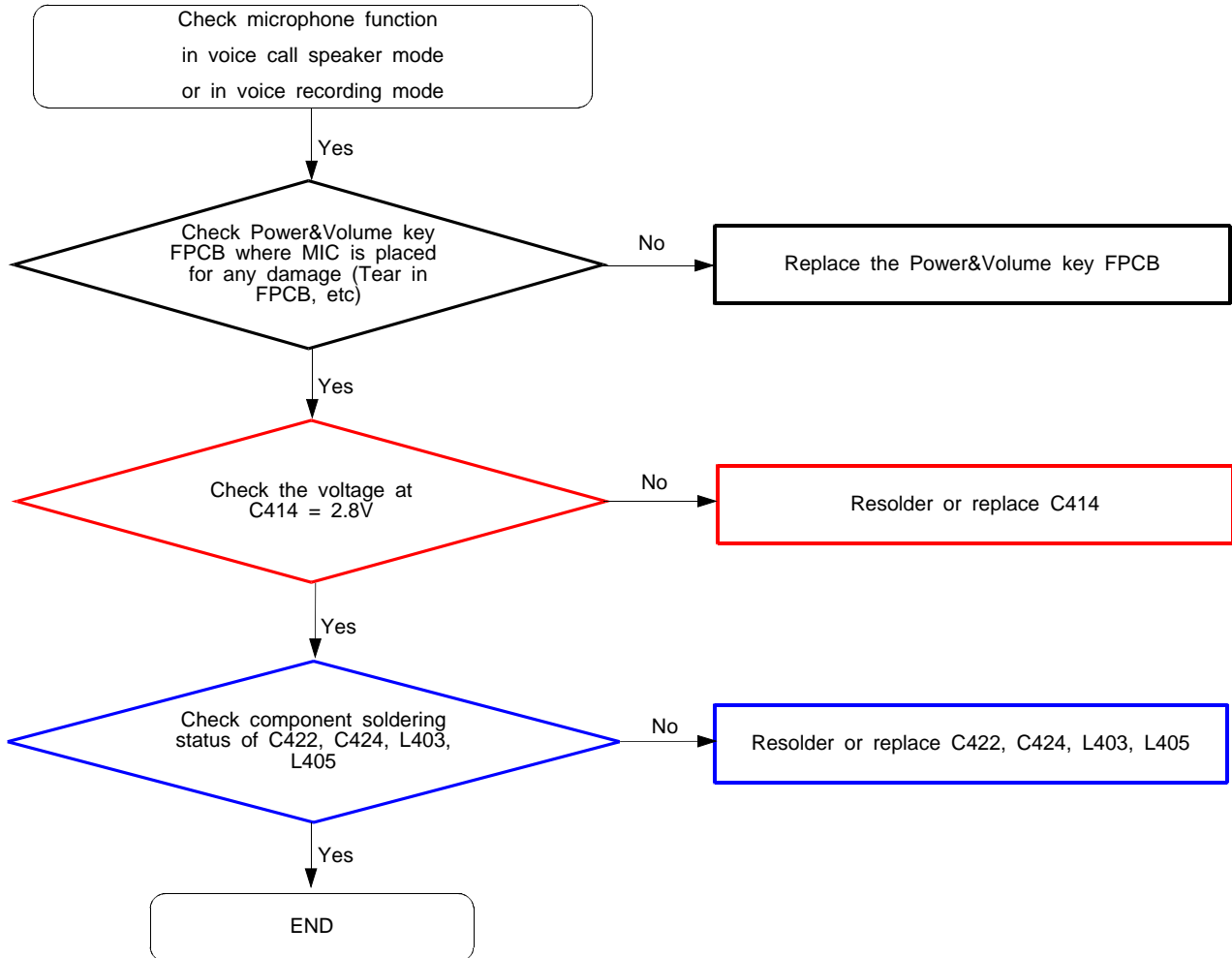


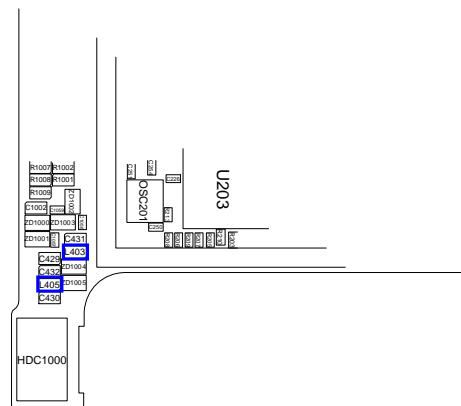
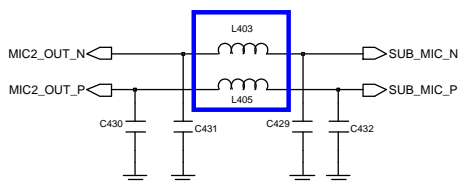
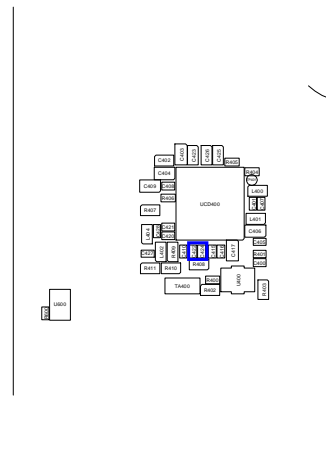
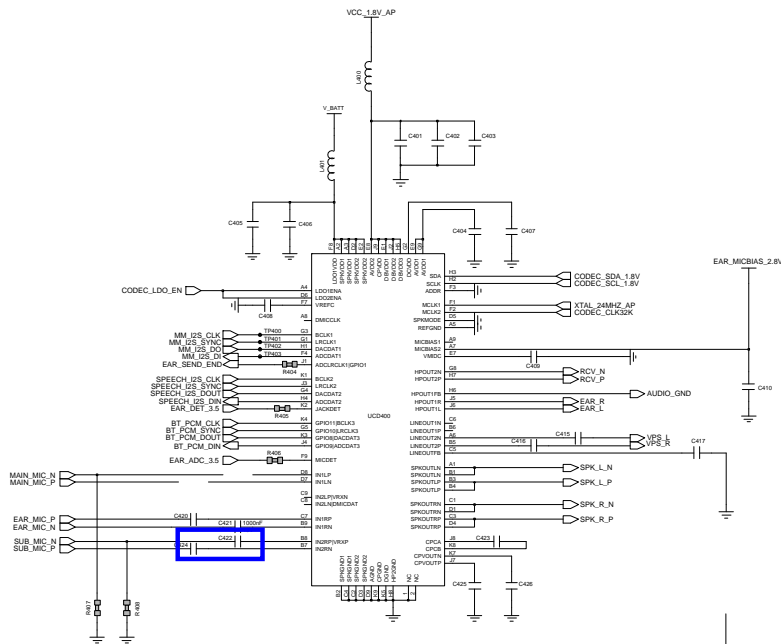
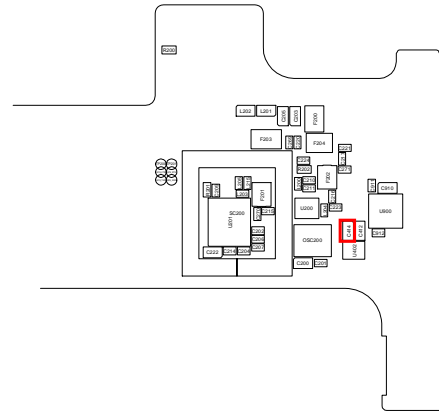
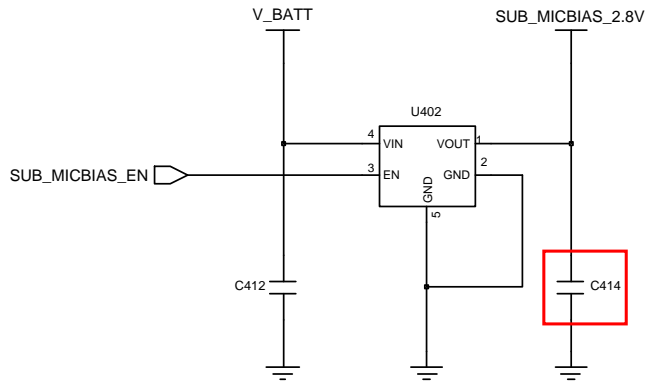


8-3-3. Charging Part

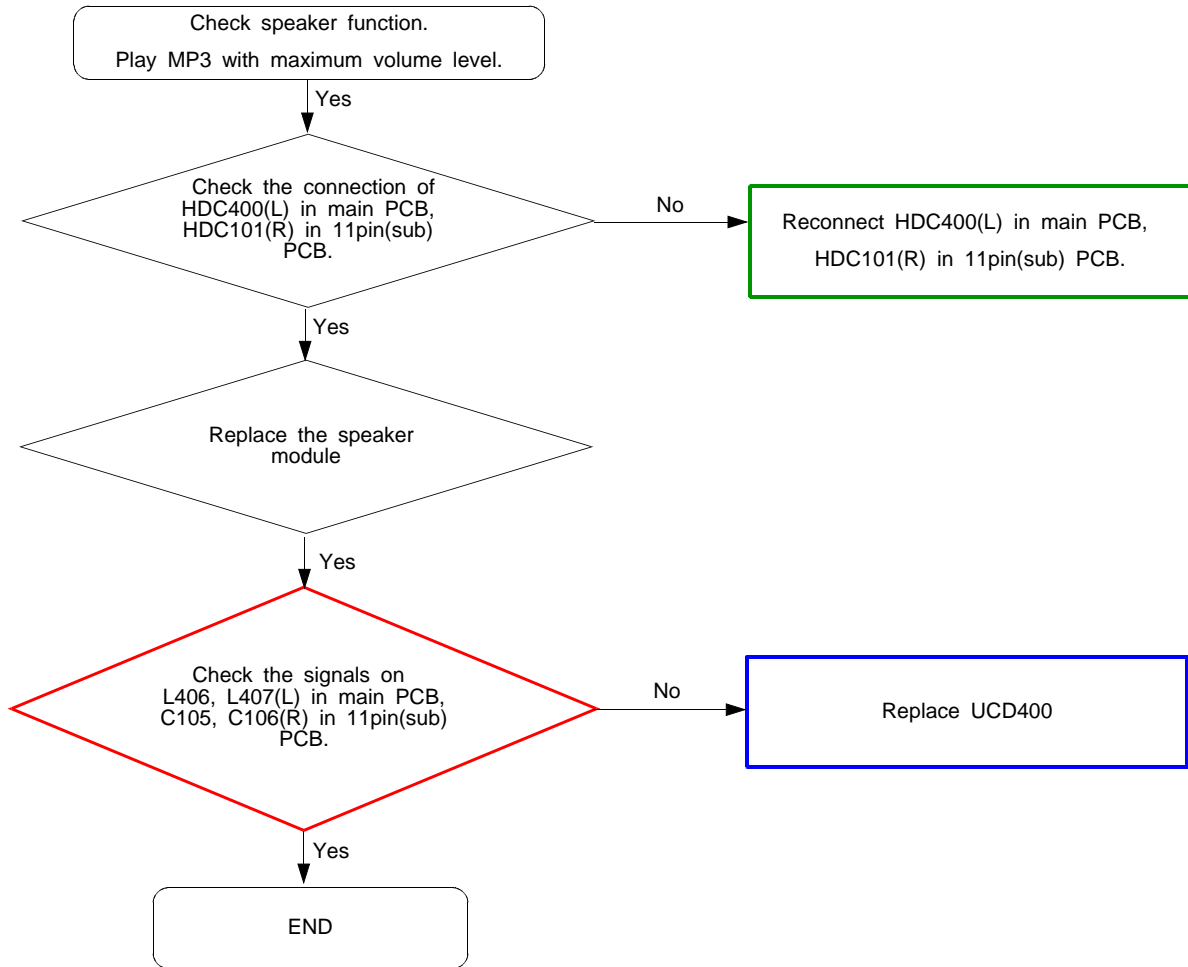


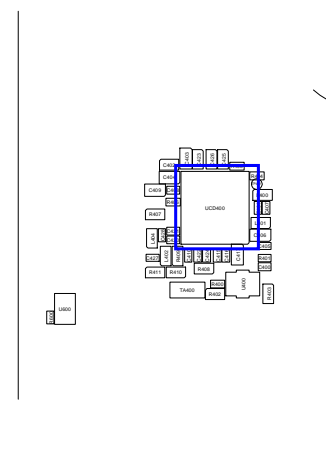
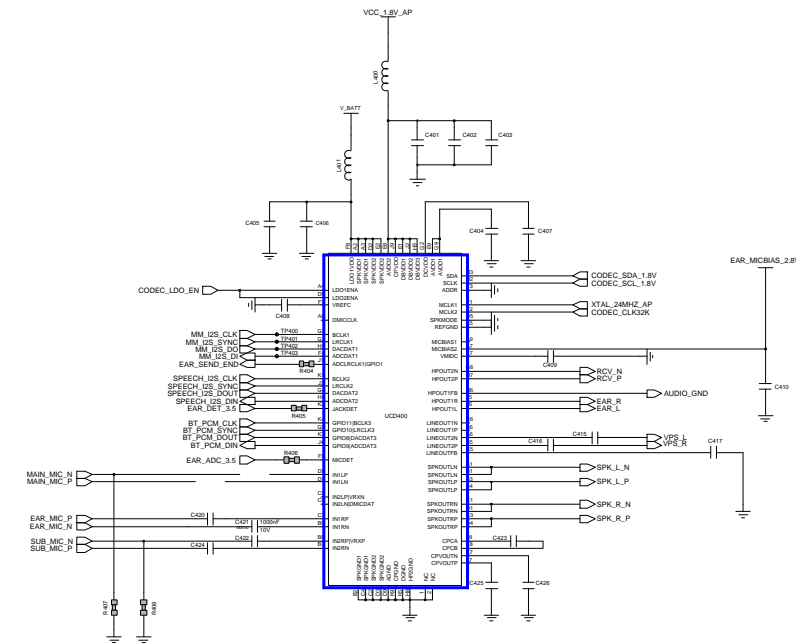
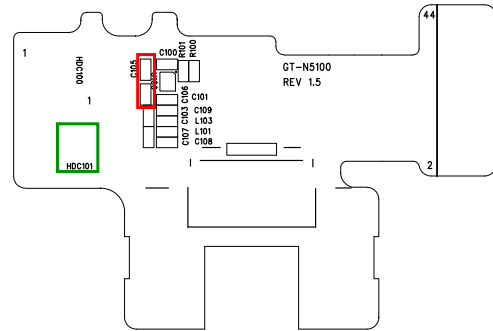
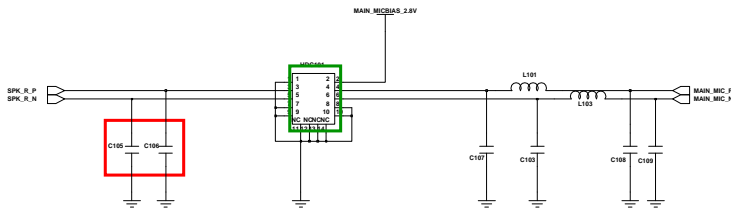
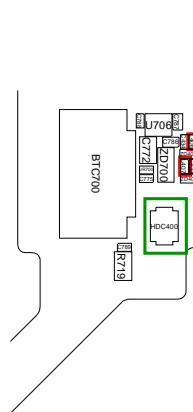
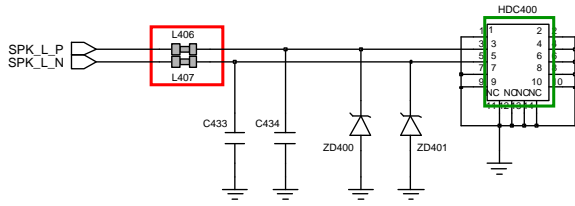
8-3-4. Microphone Part



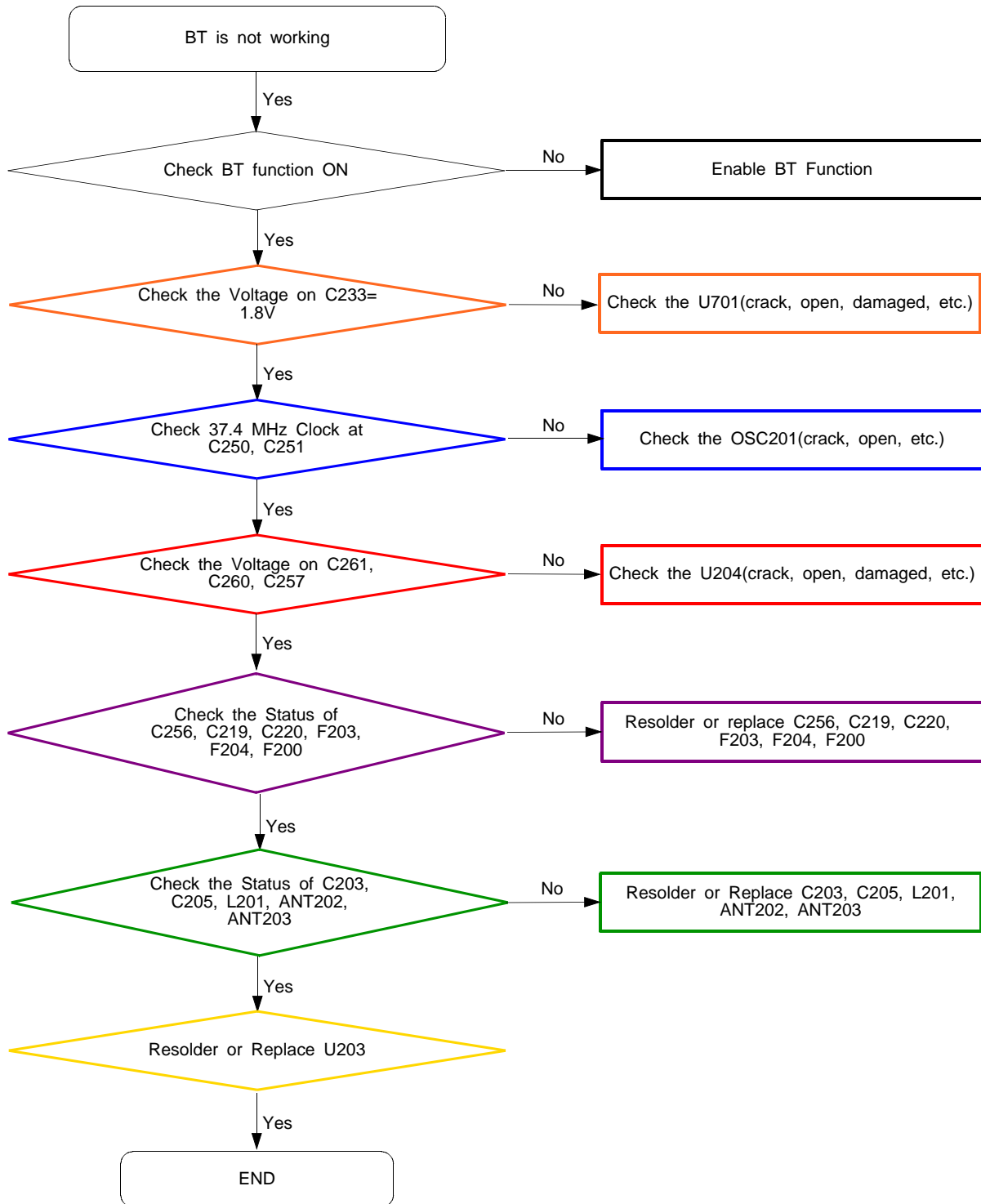


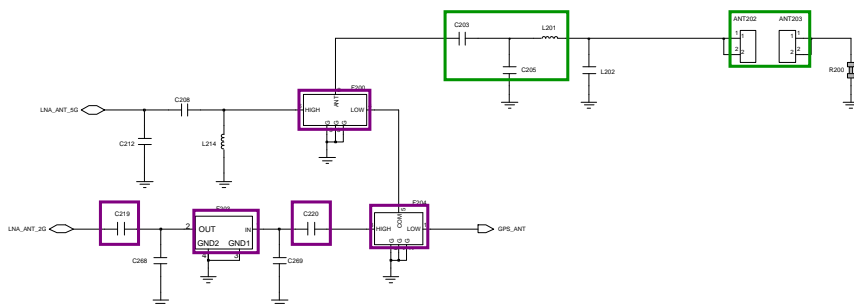
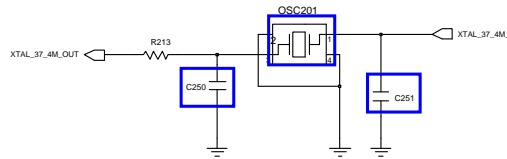
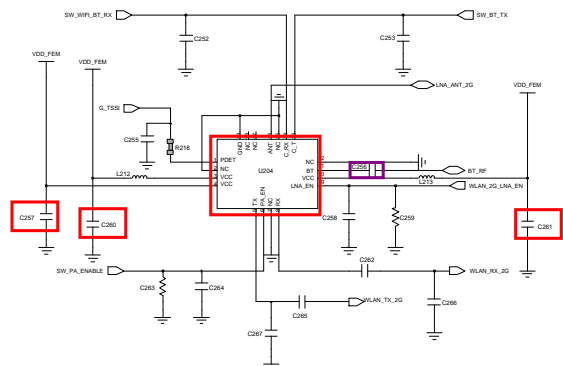
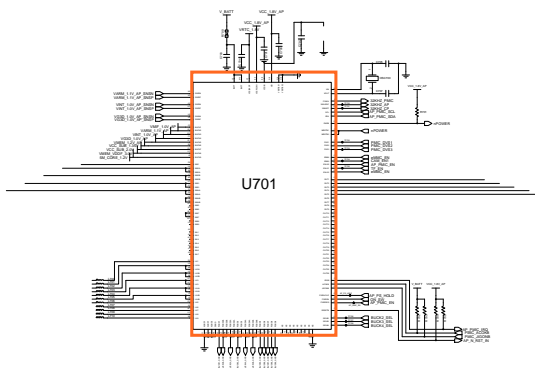
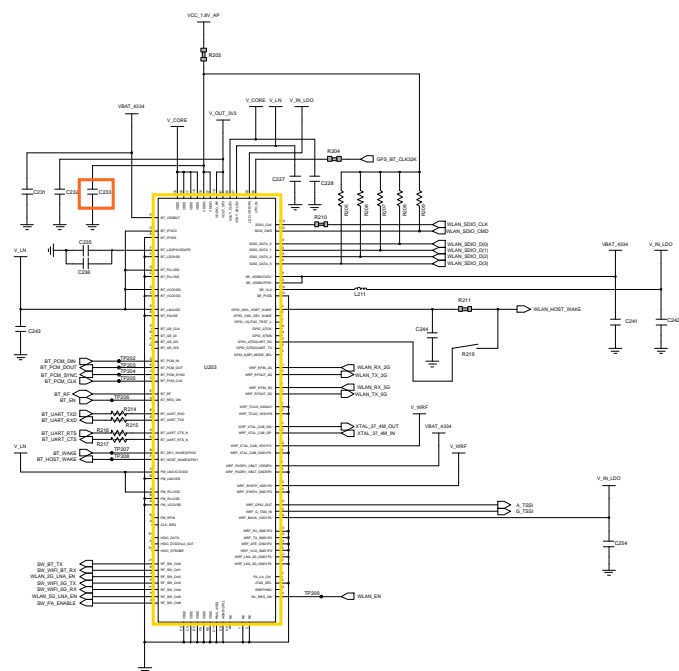
8-3-5. Speaker Part

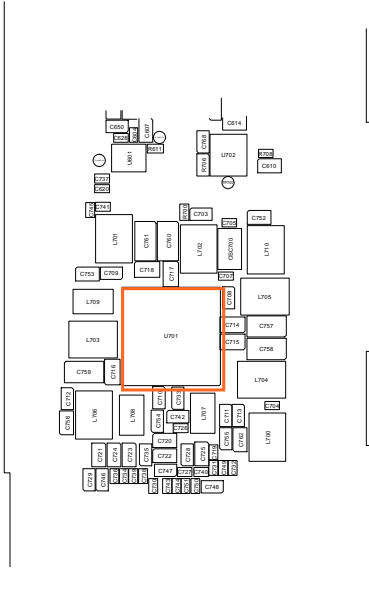
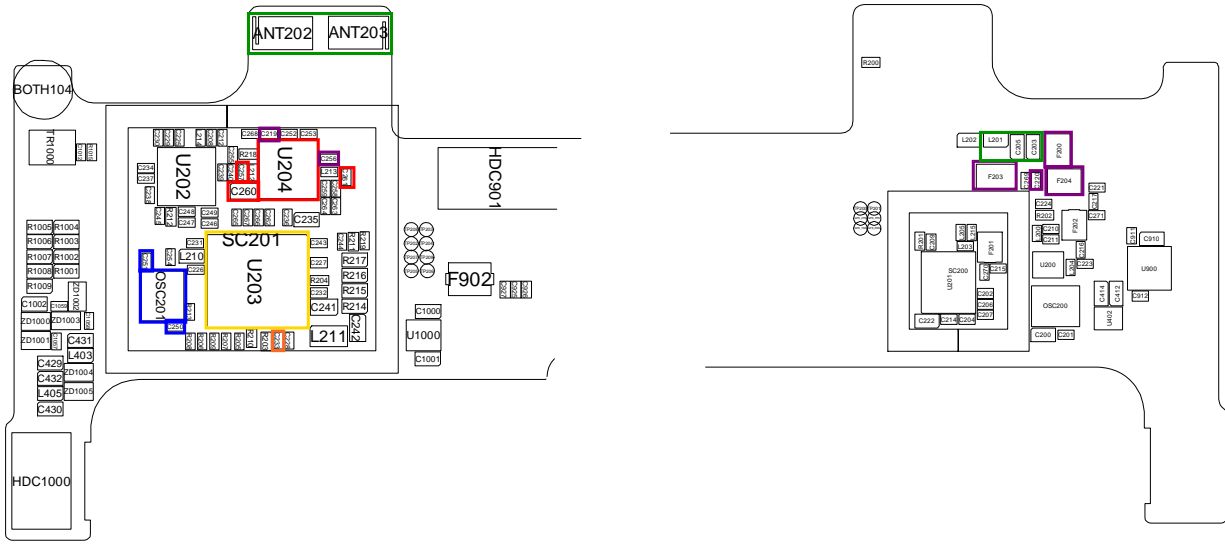




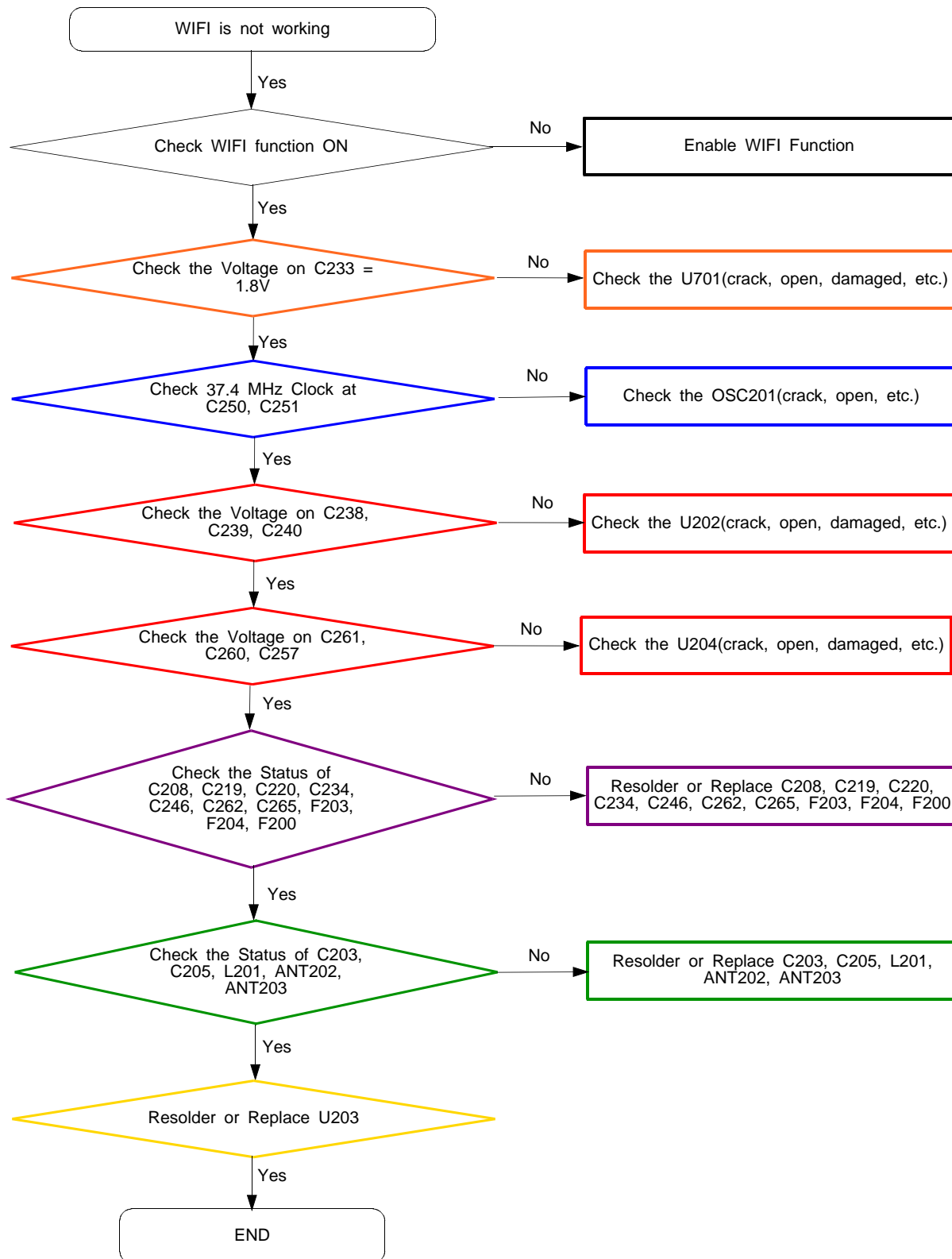
8-3-6. BT Part

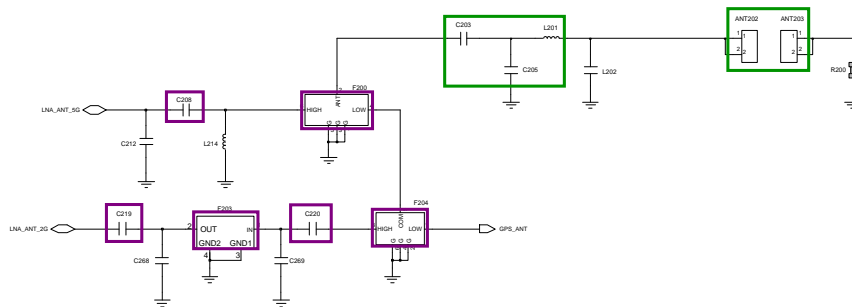
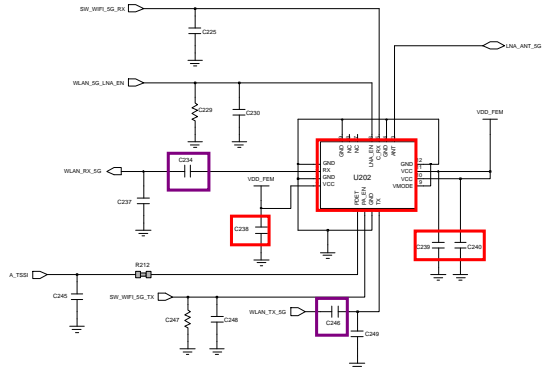
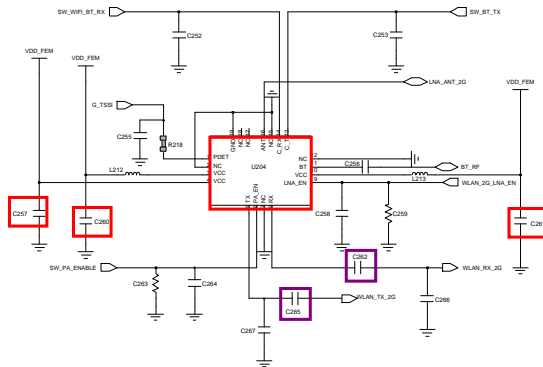
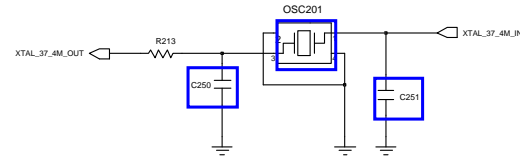
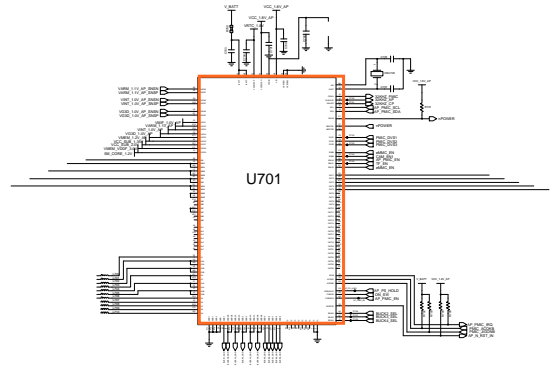
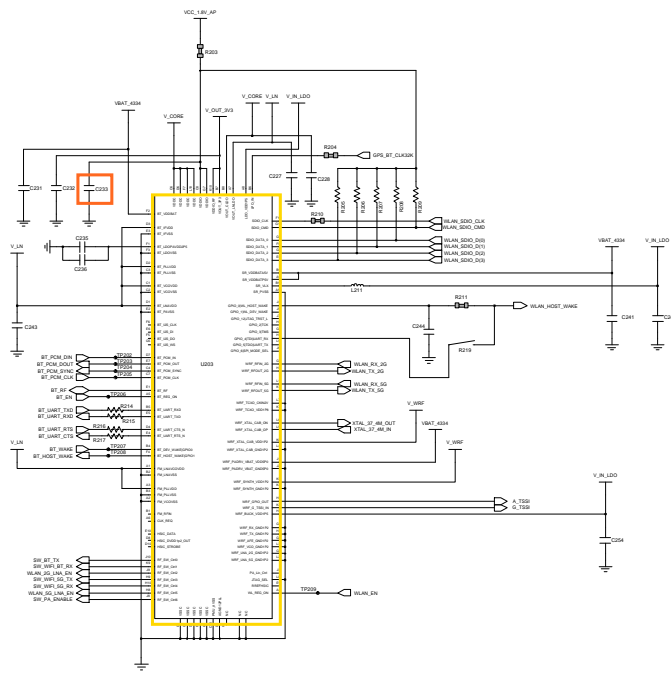


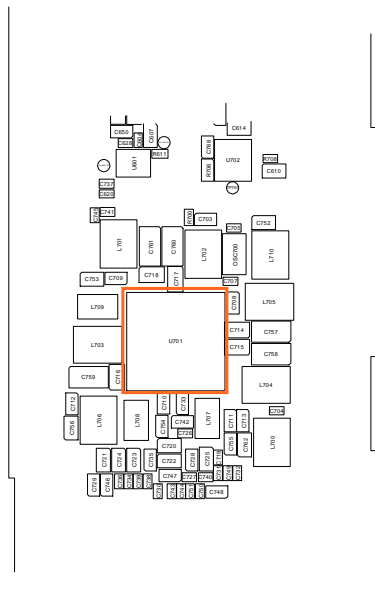




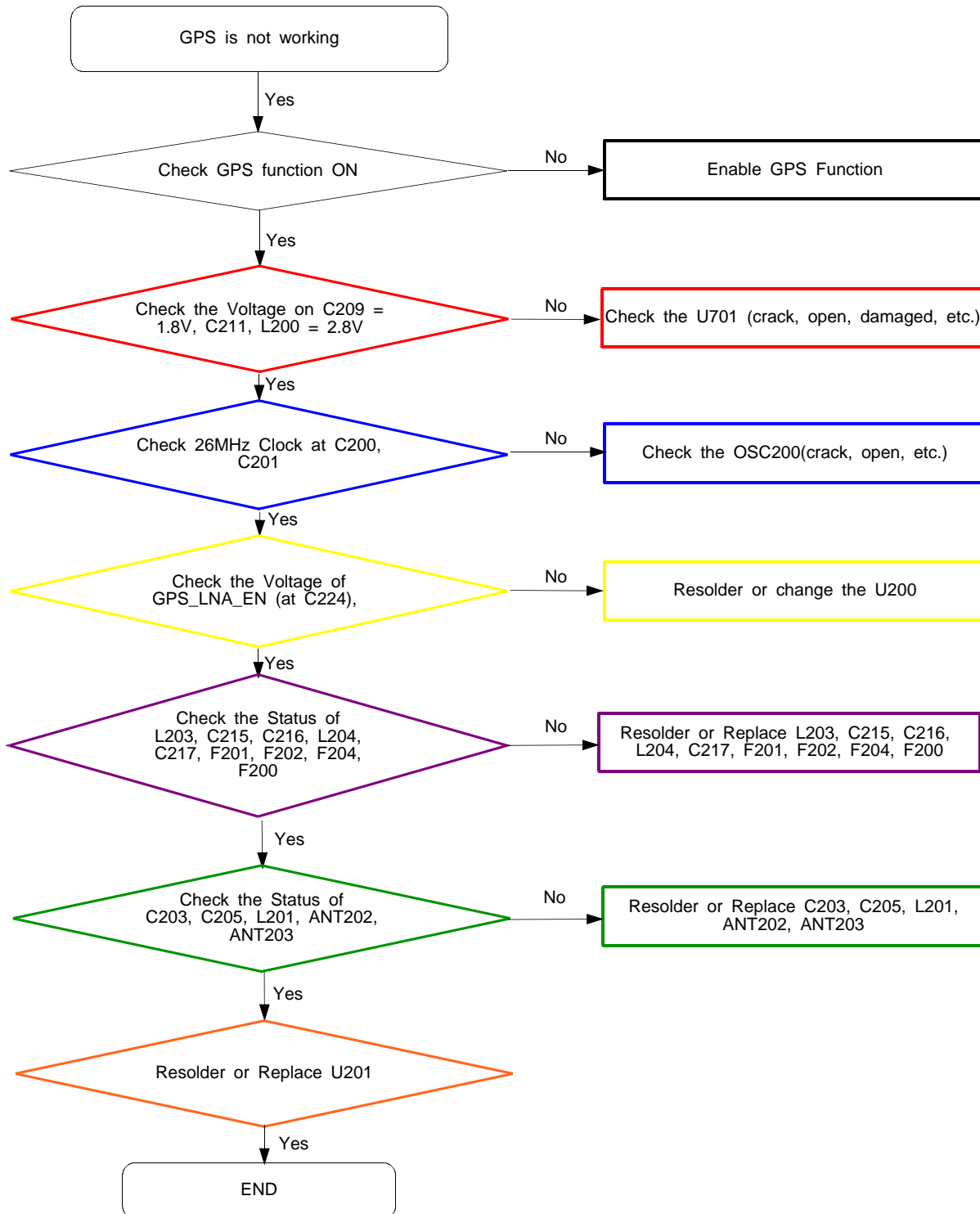
8-3-7. WIFI Part

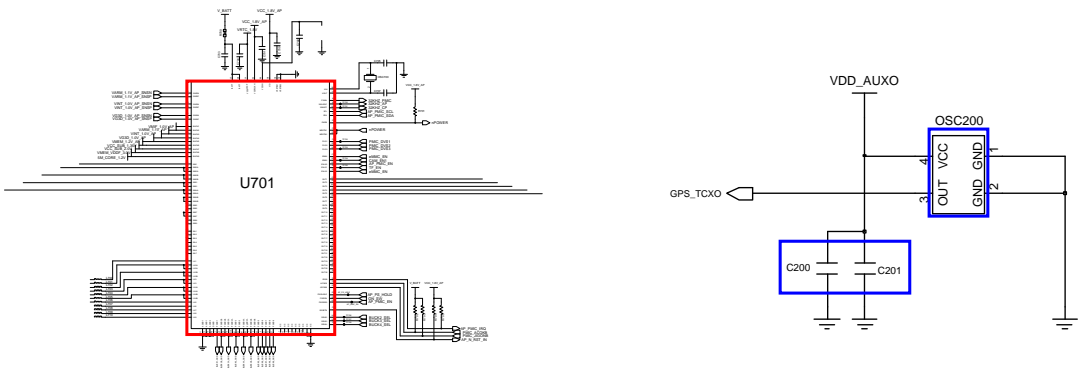
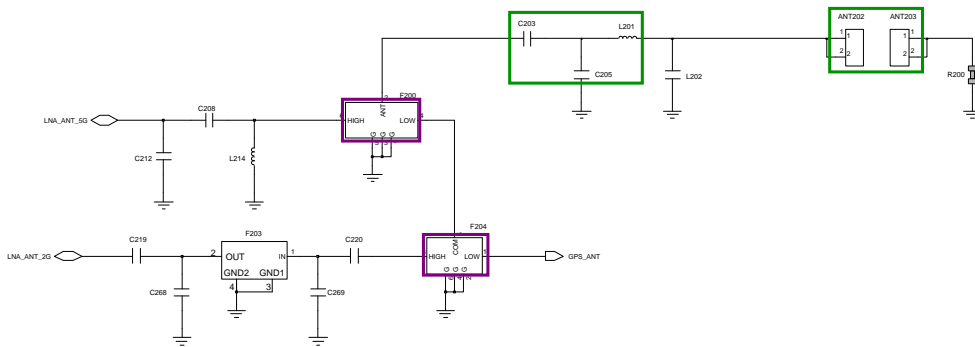
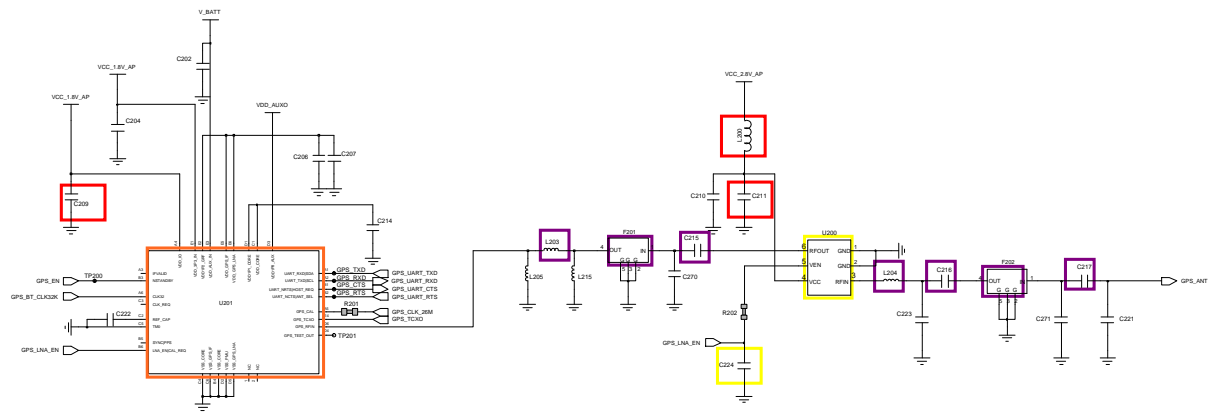


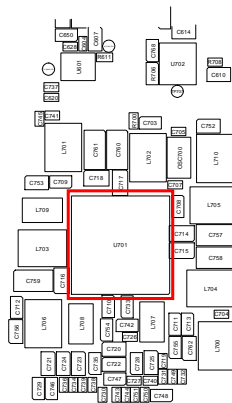
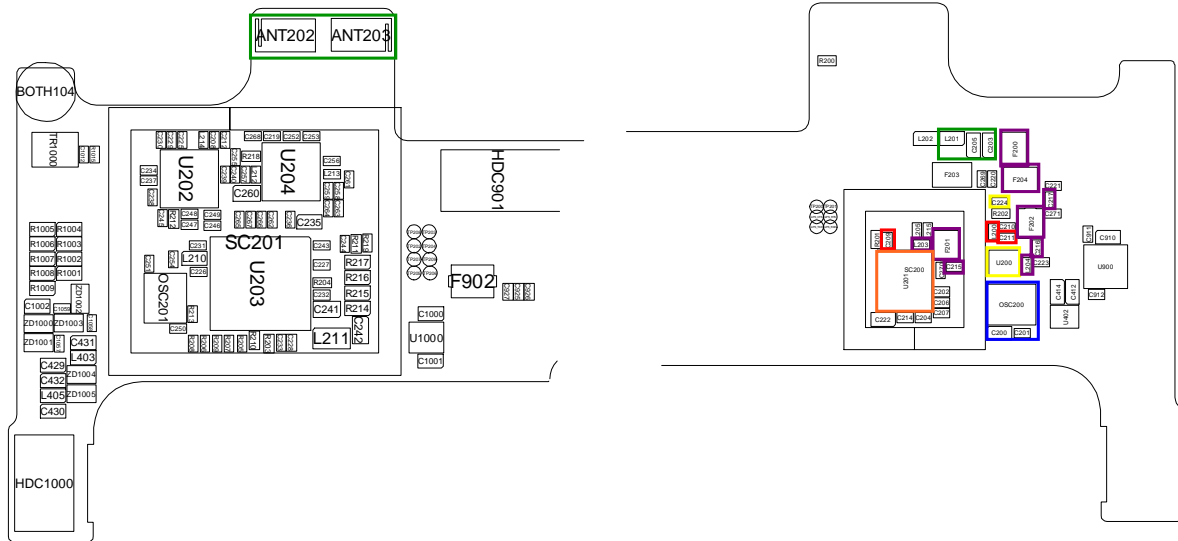




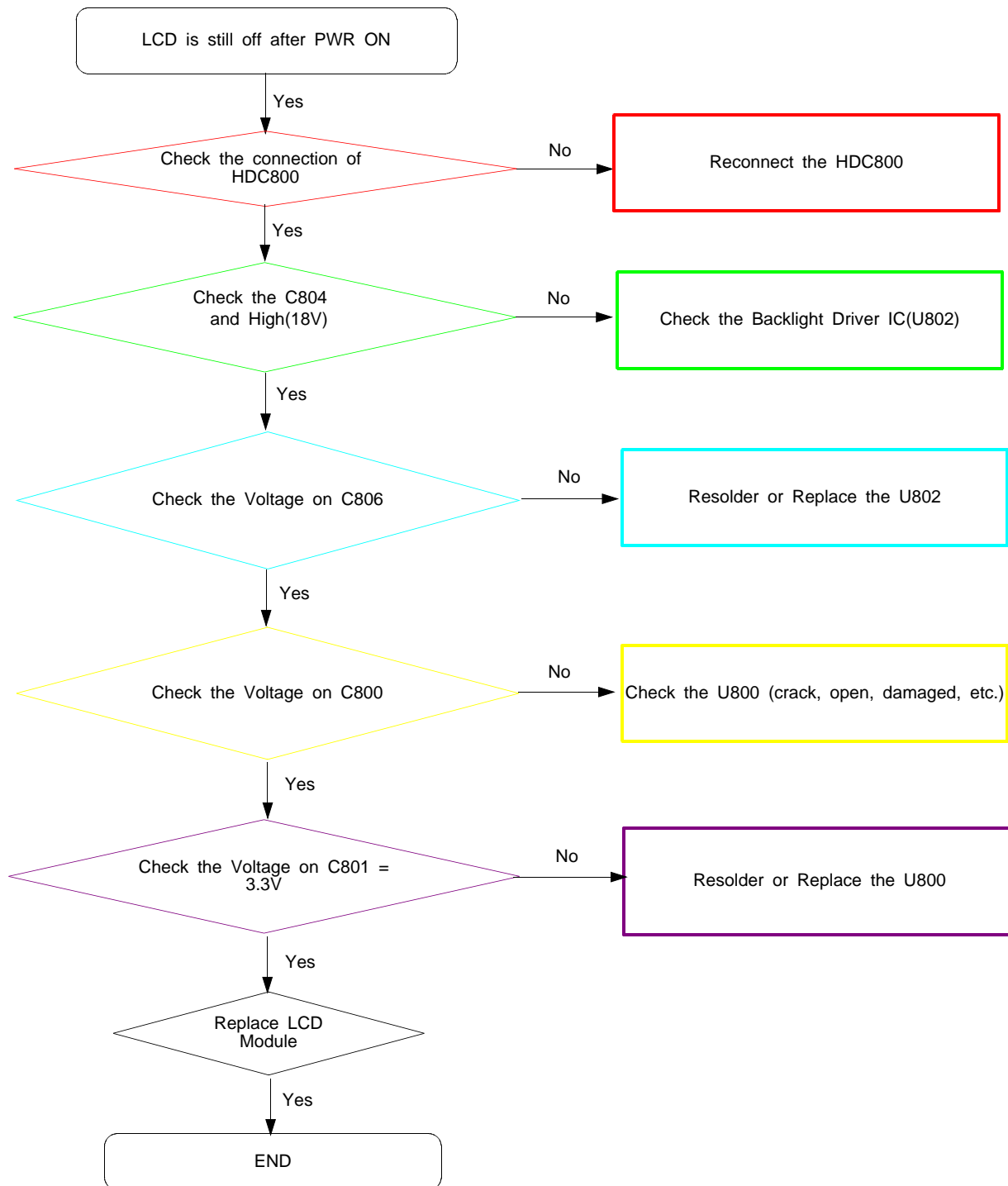
8-3-8. GPS Part

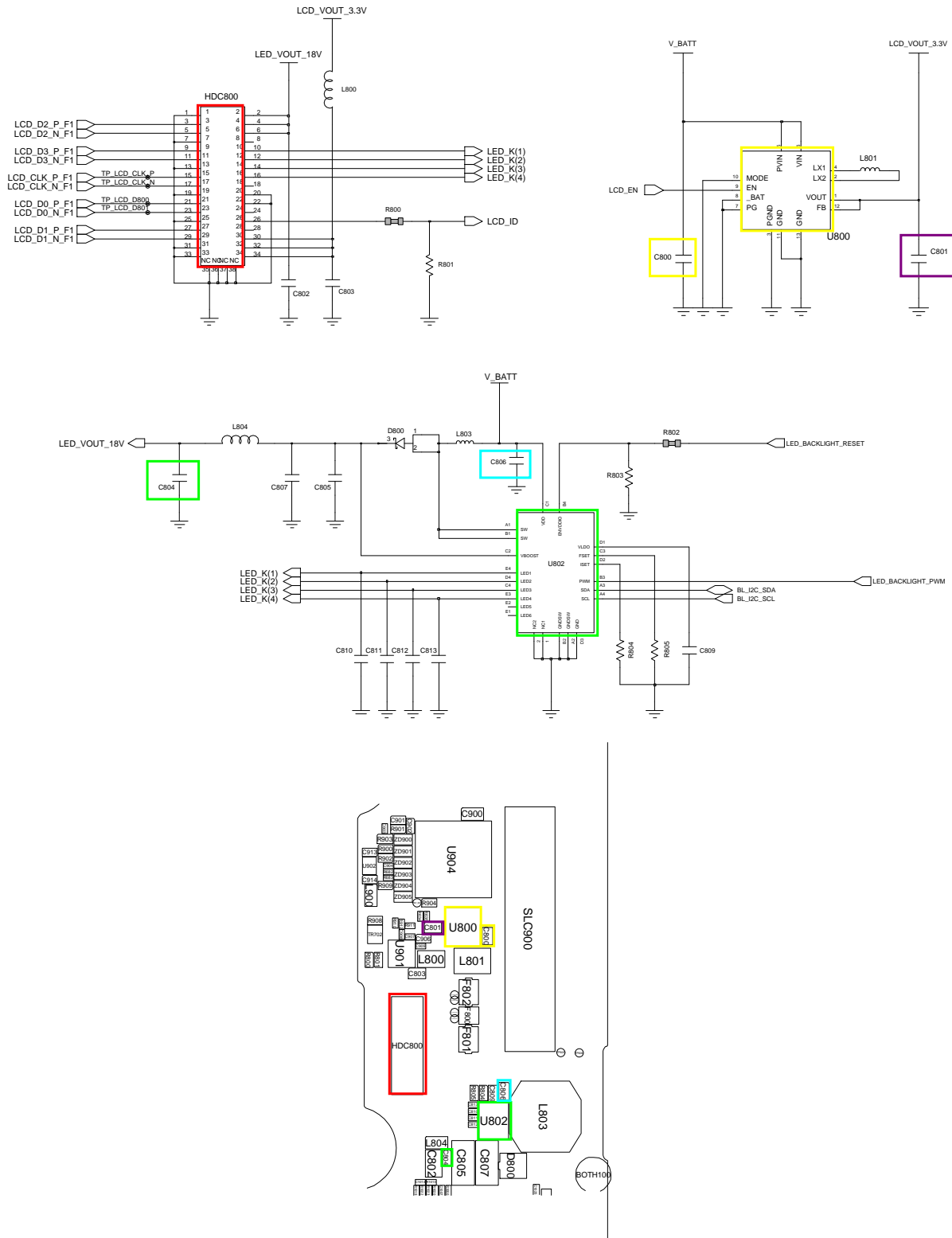




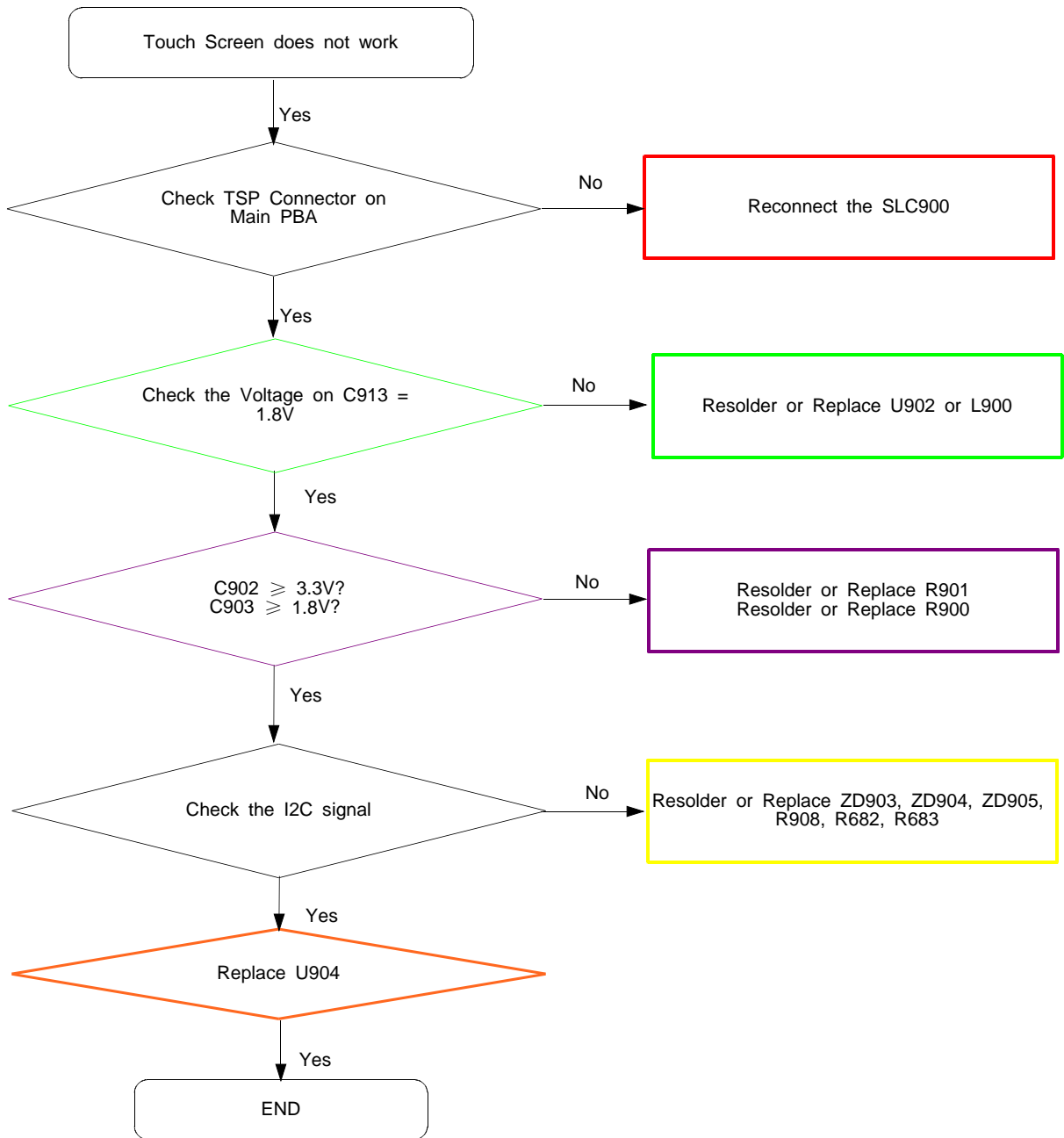


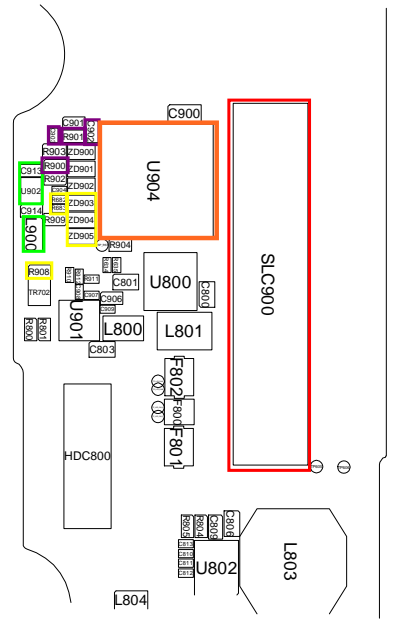
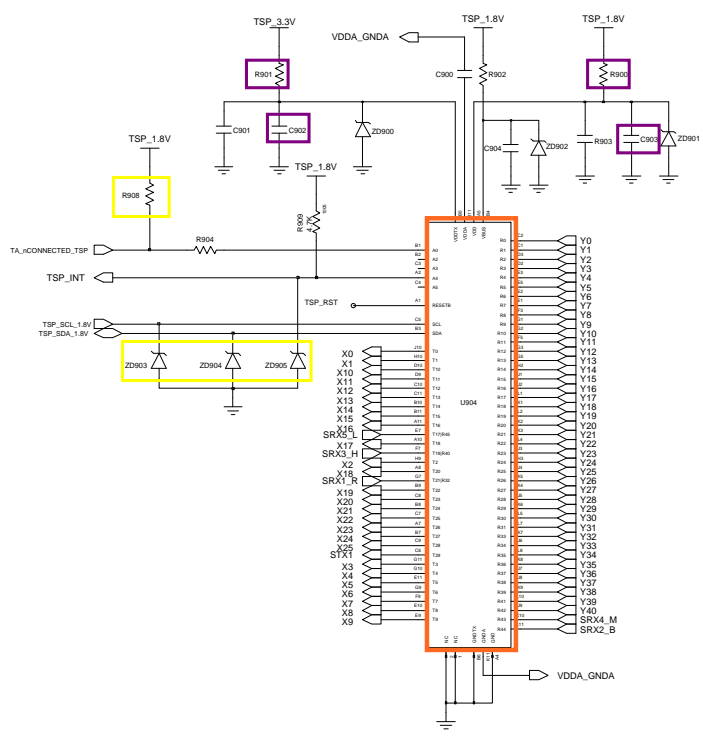
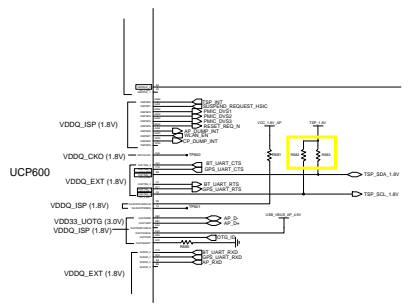
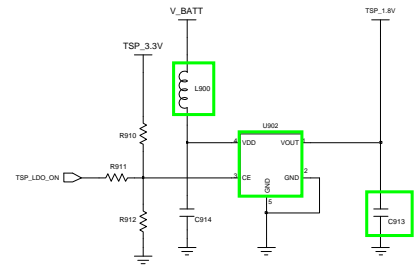
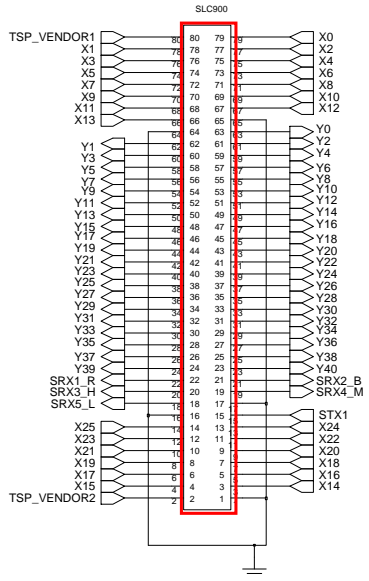
8-3-9. LCD



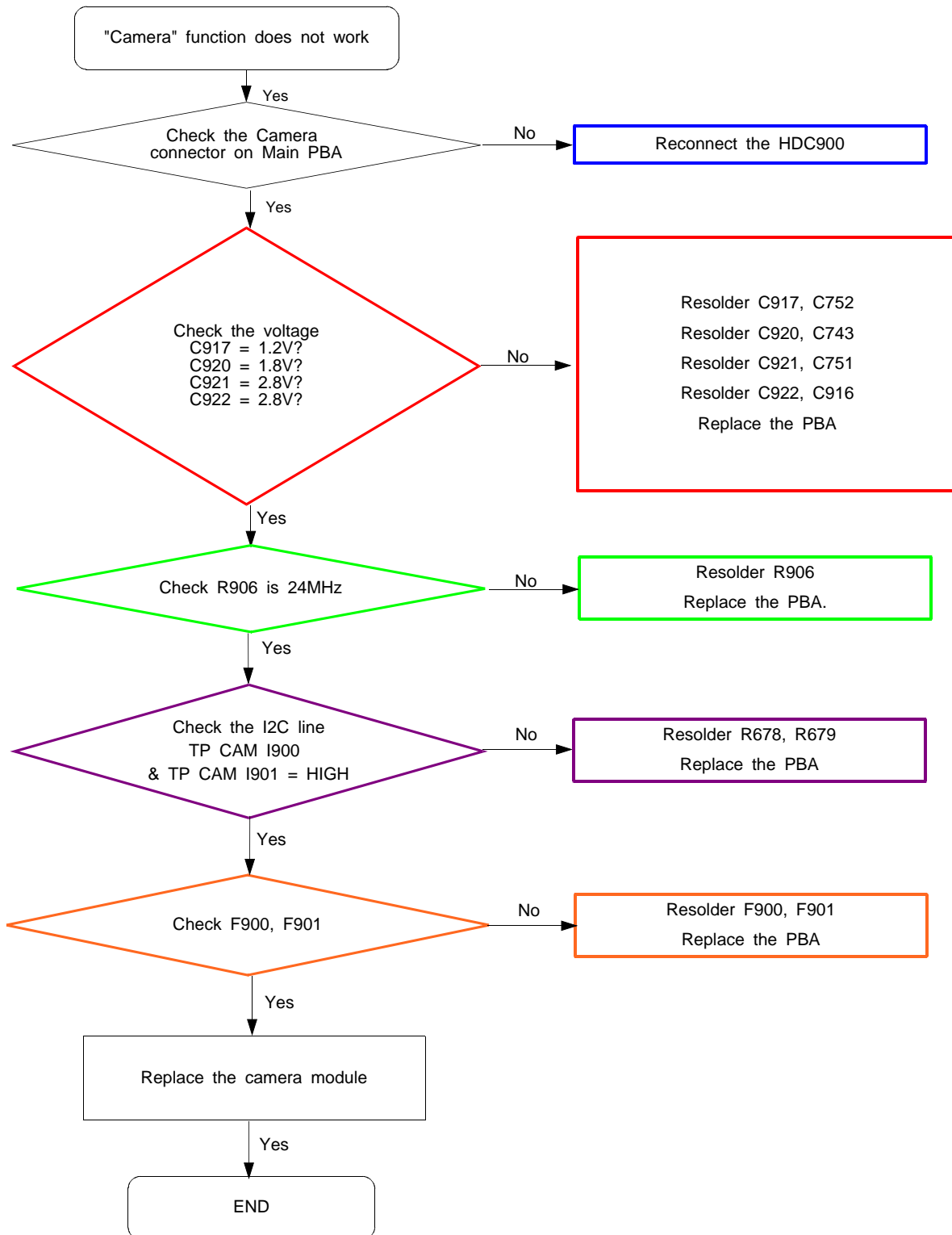


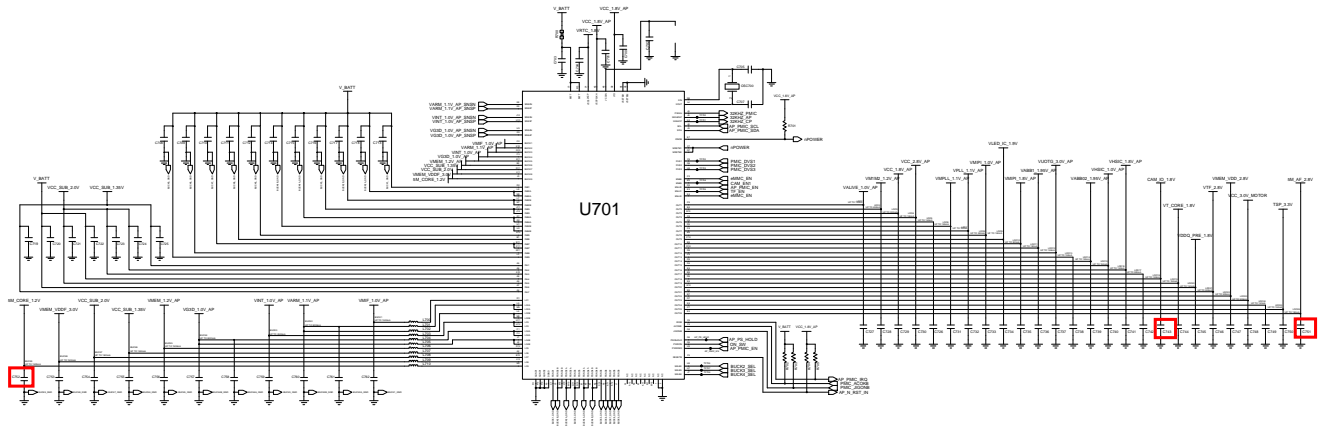
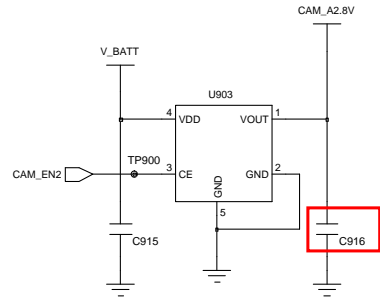
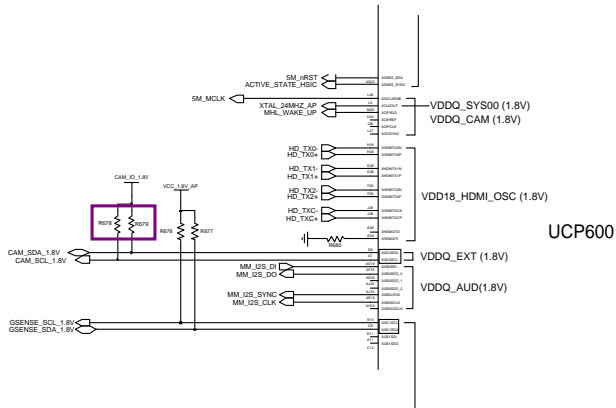
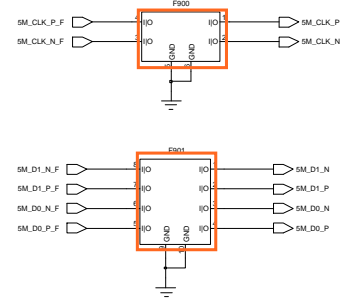
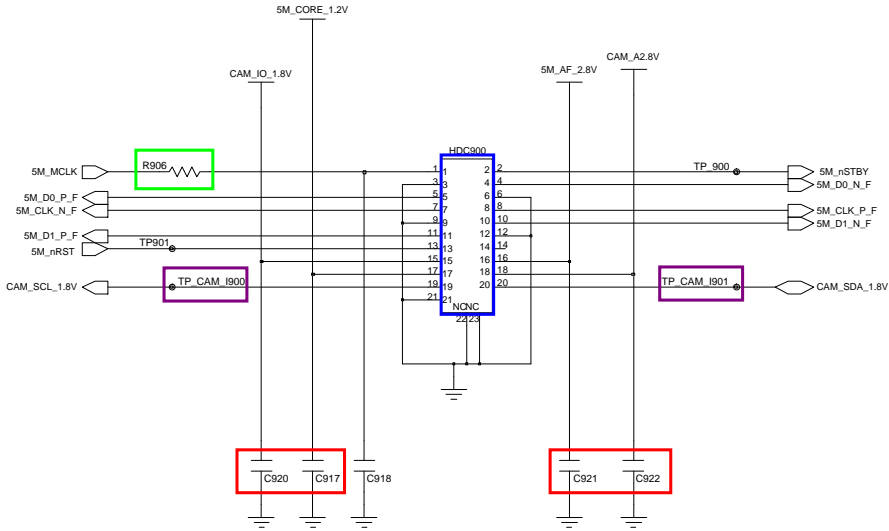
8-3-10. TSP

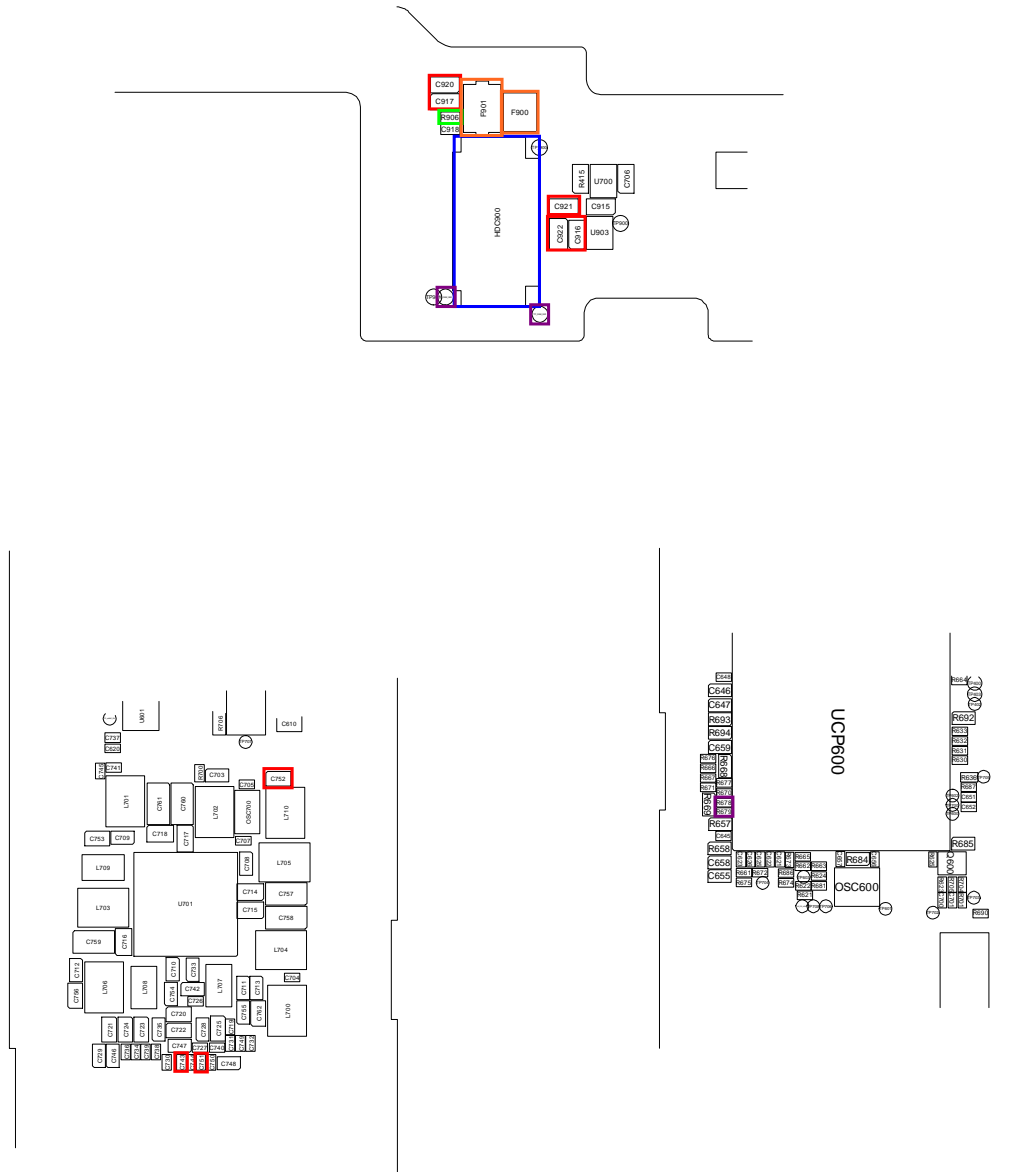




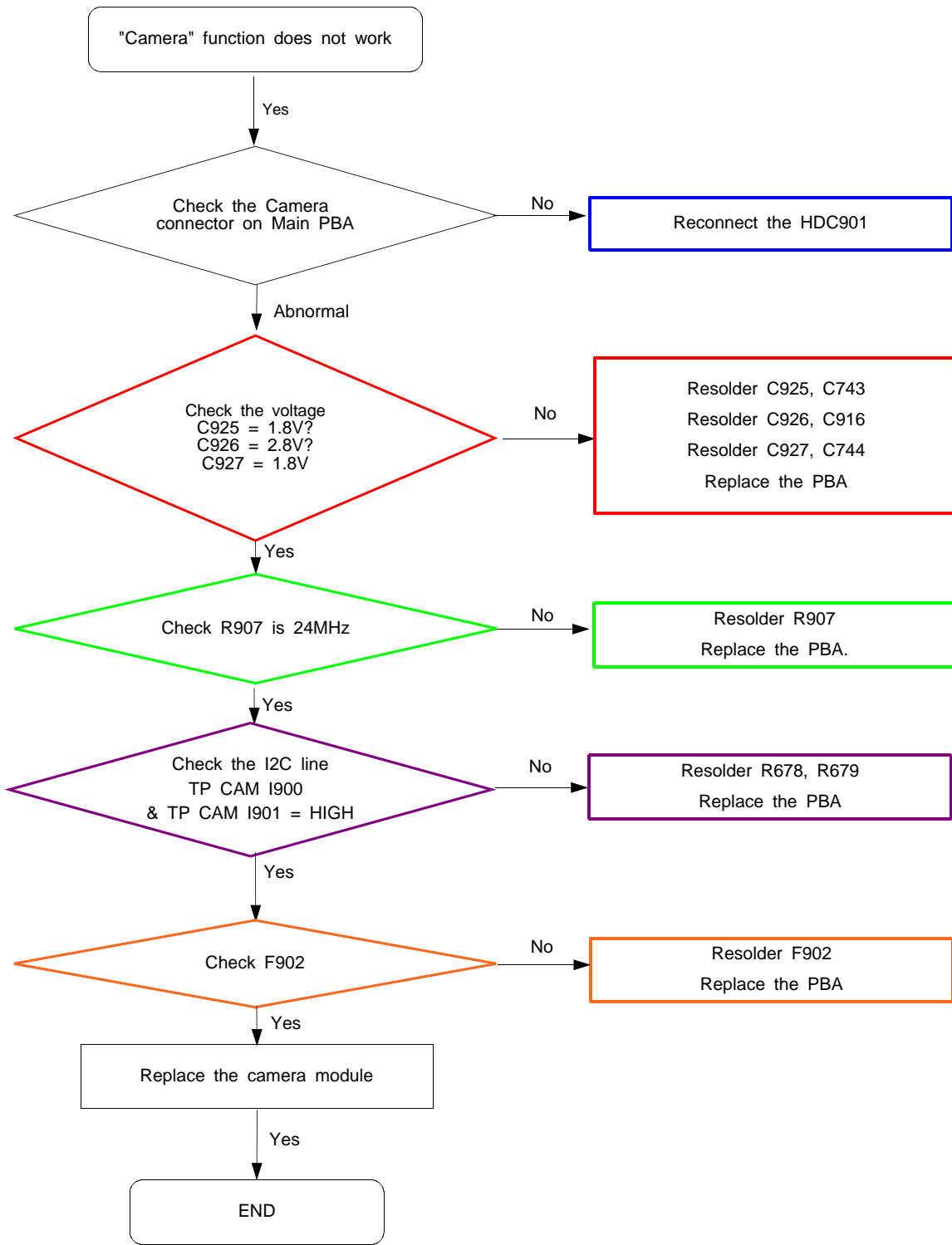
8-3-11. 3M CAM

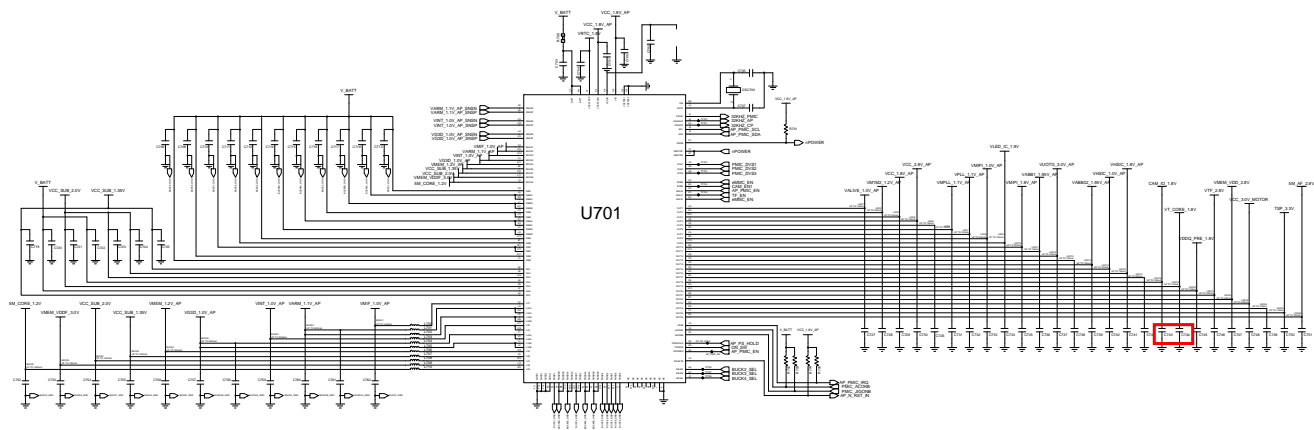
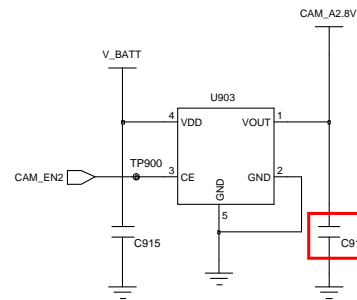
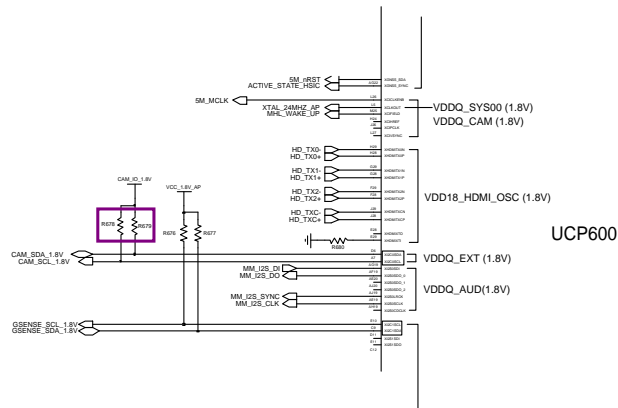
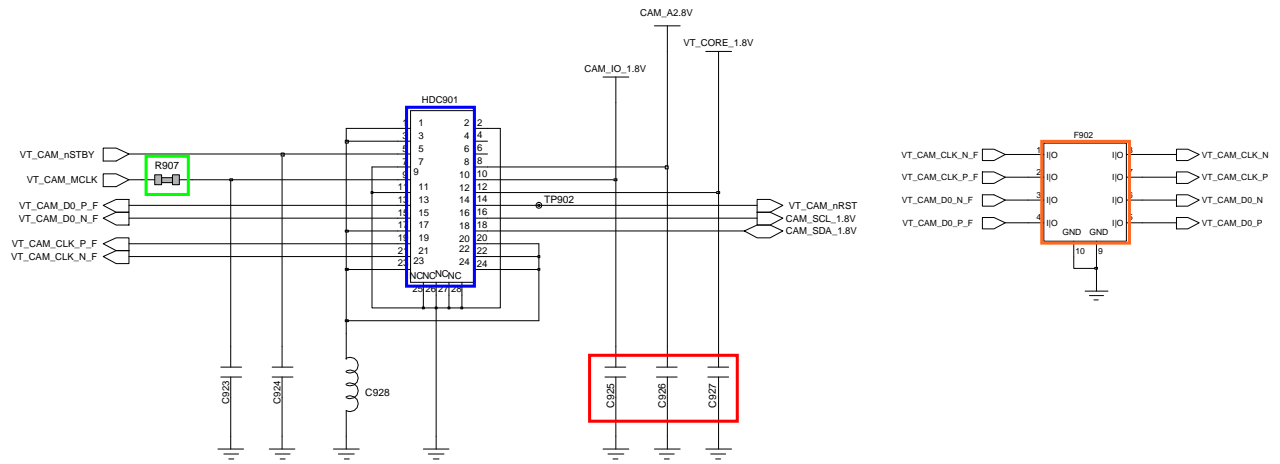


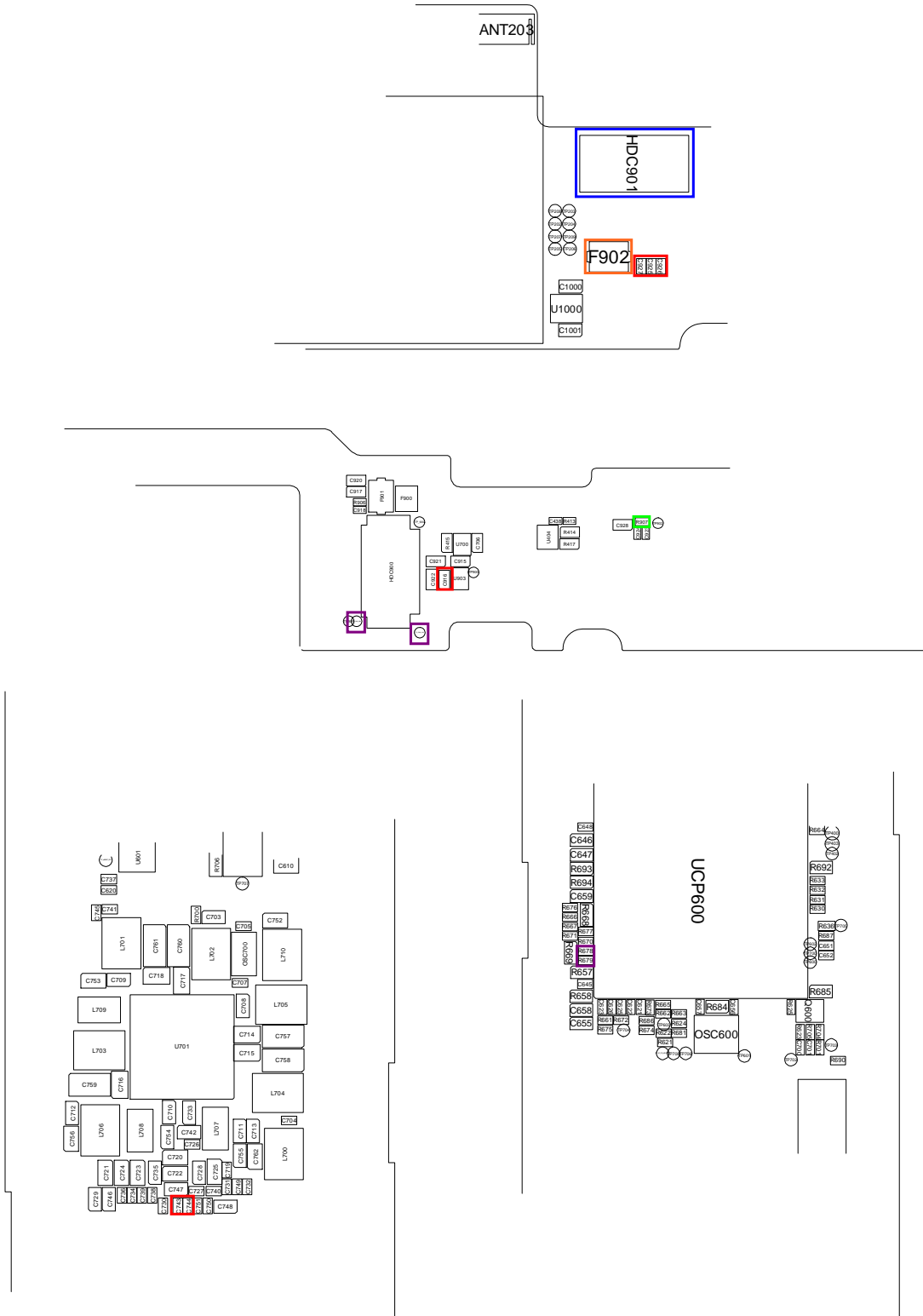




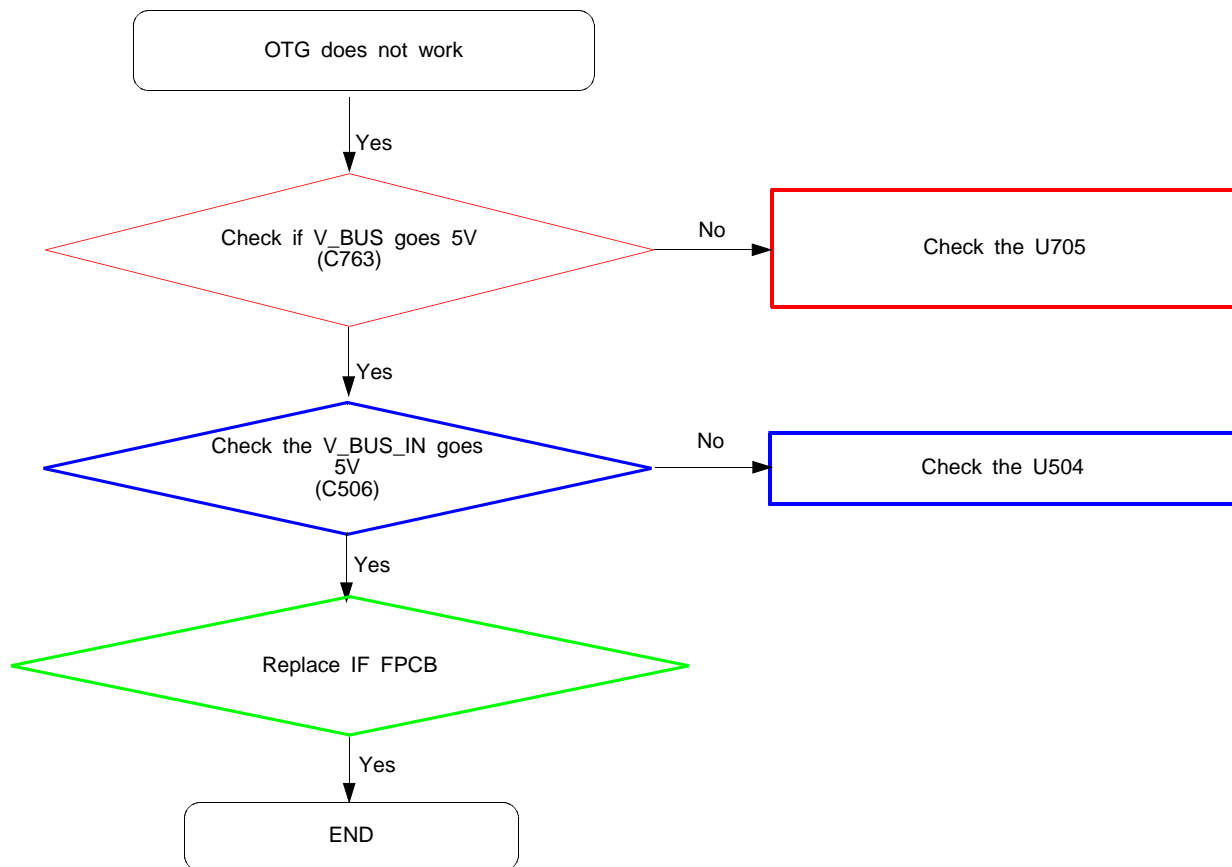
8-3-12. 1.3M CAM

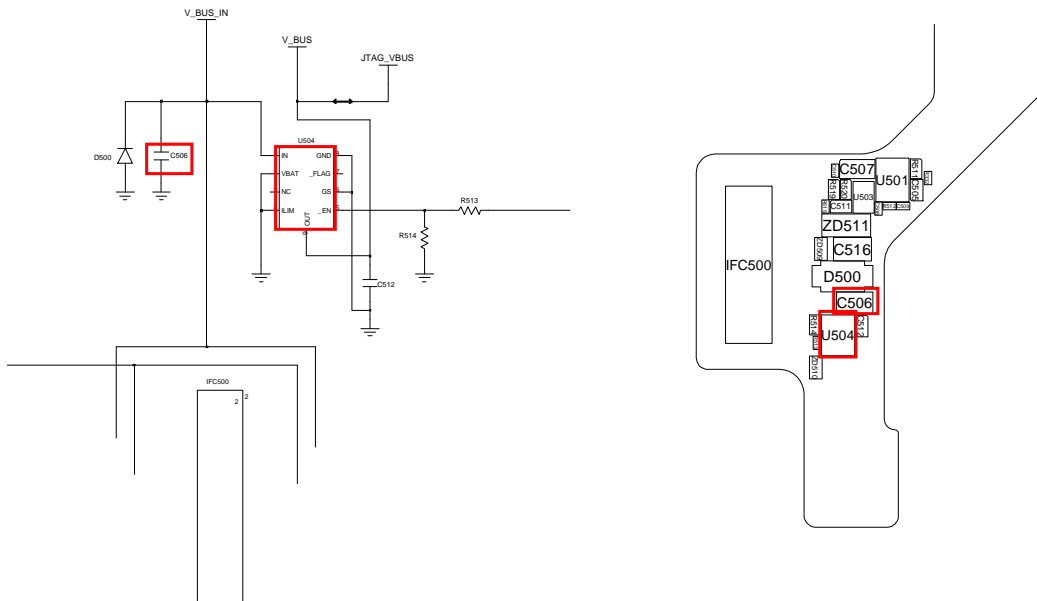
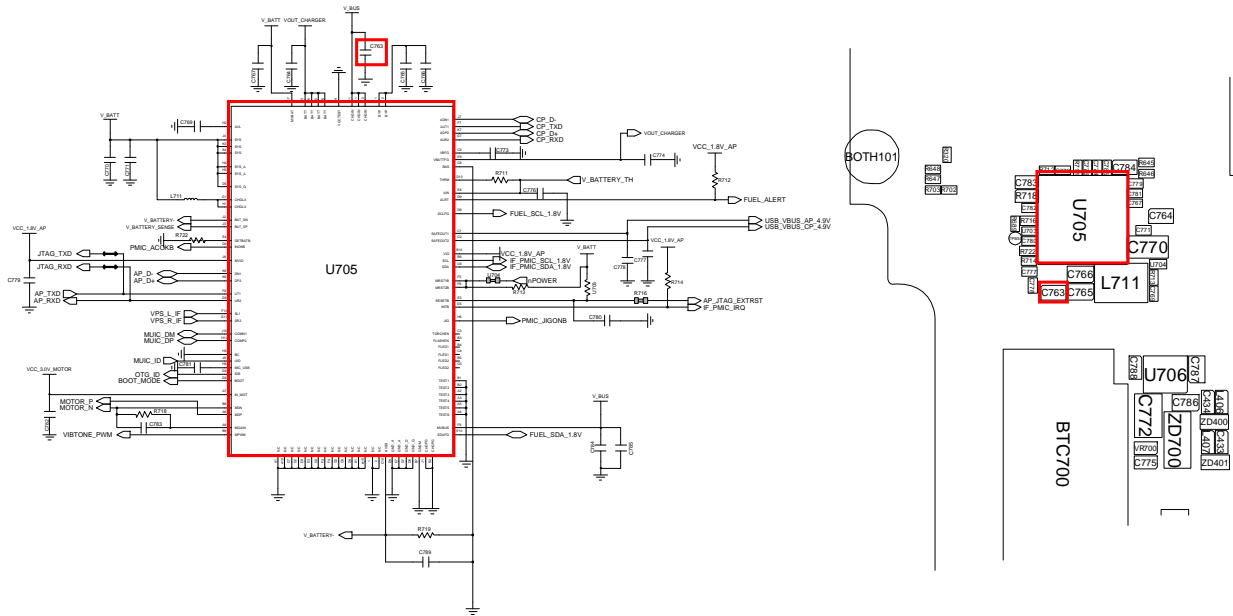




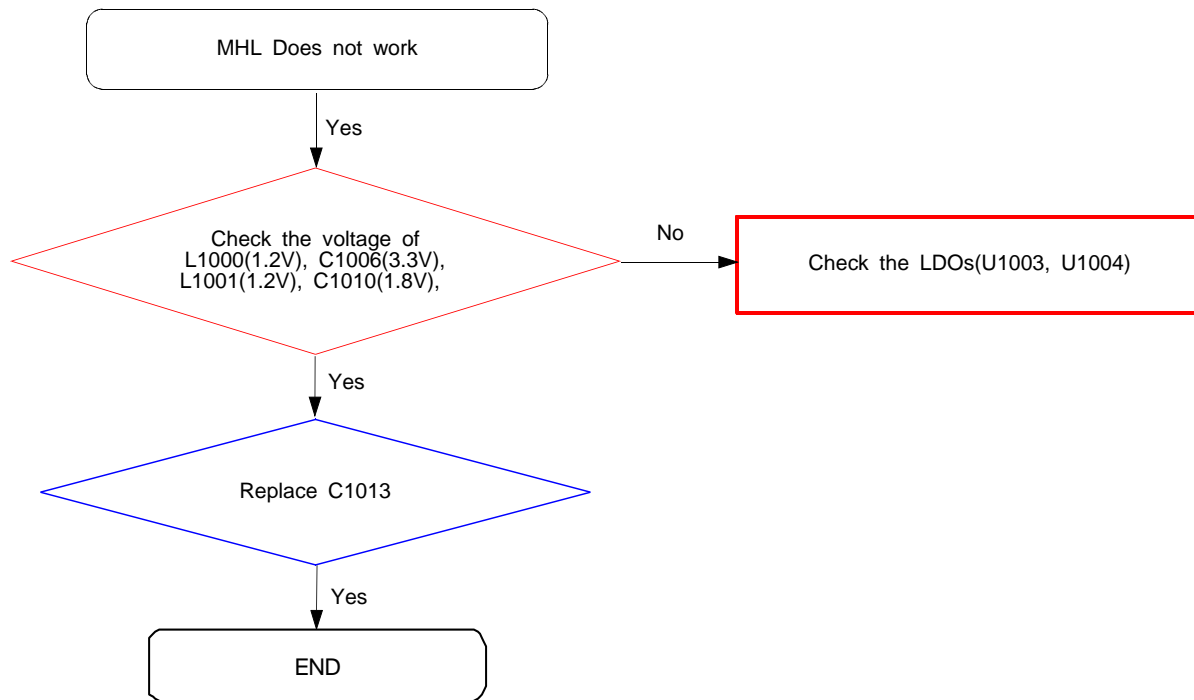


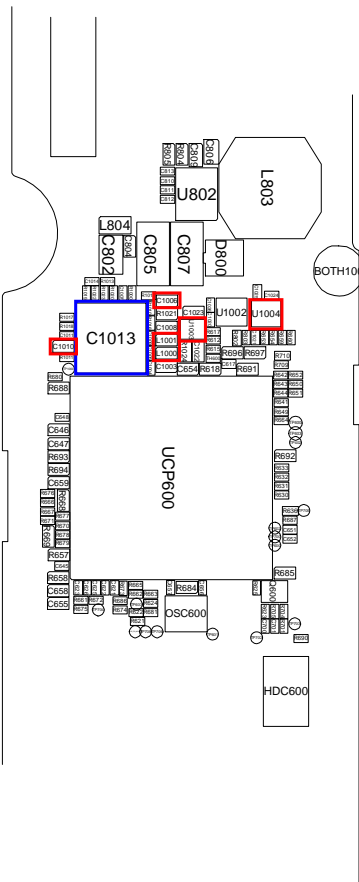
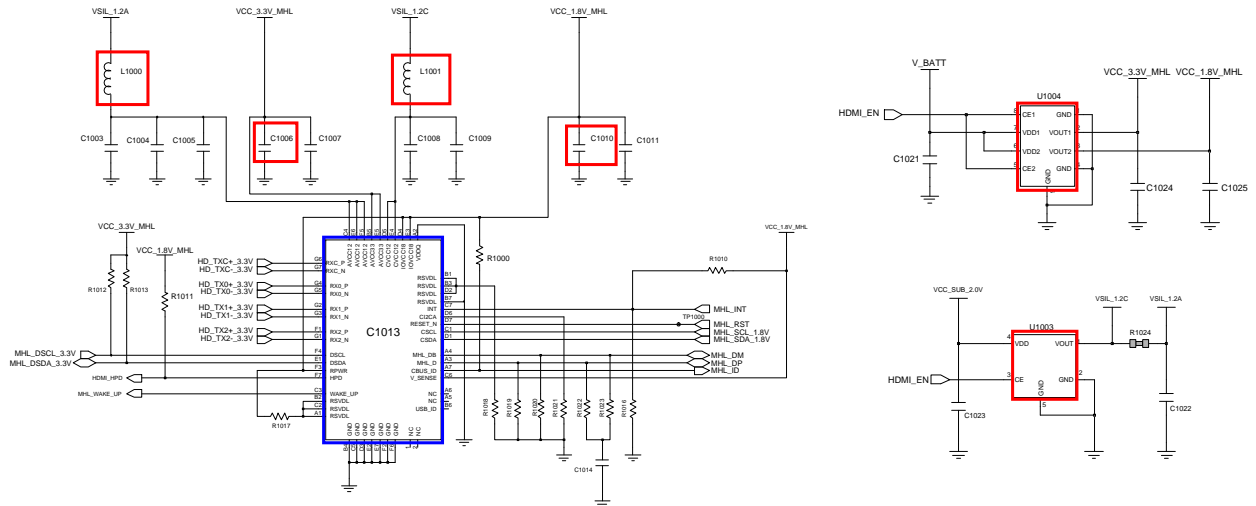
8-3-13. OTG





8-3-14. MHL





8-3-15. S-pen

