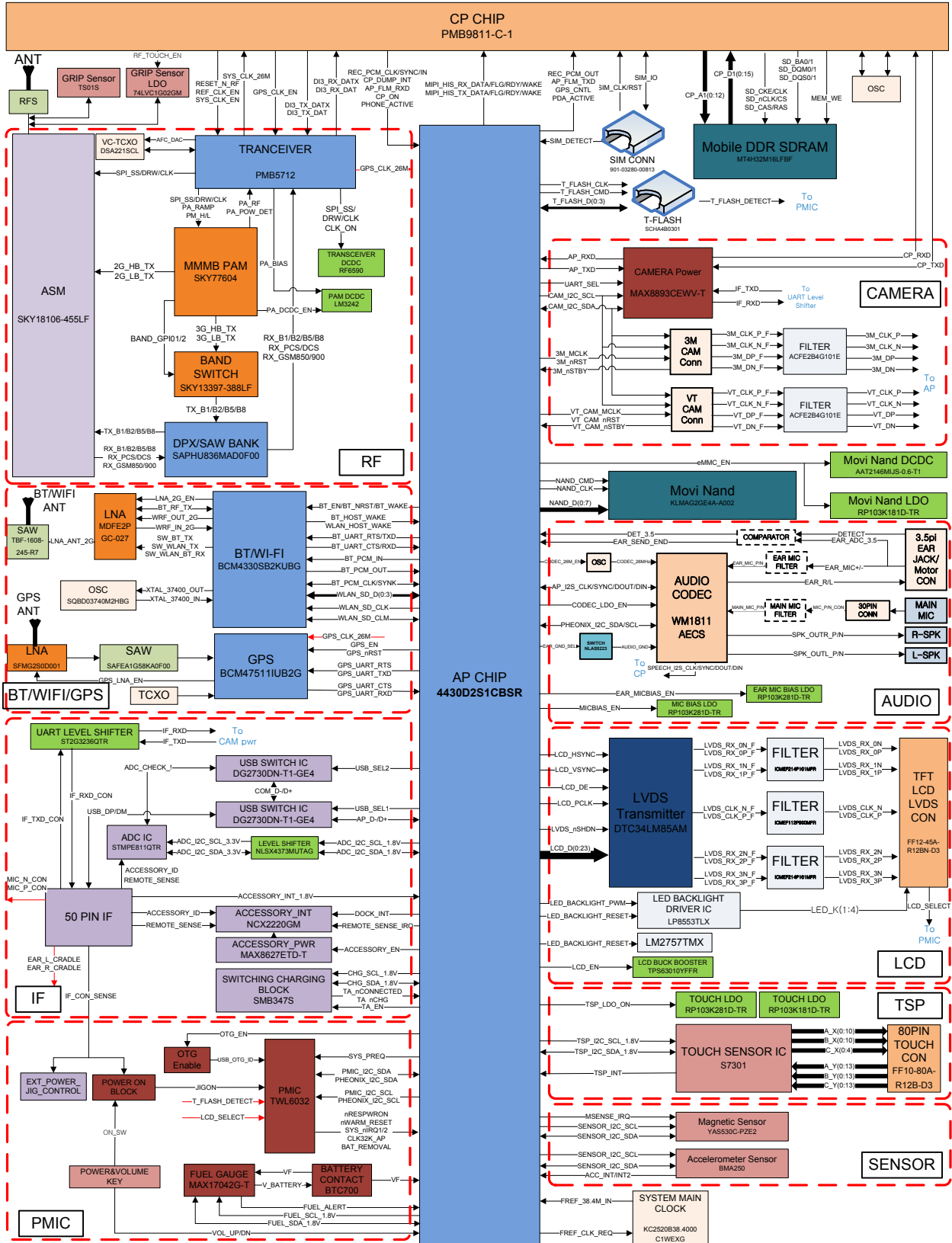


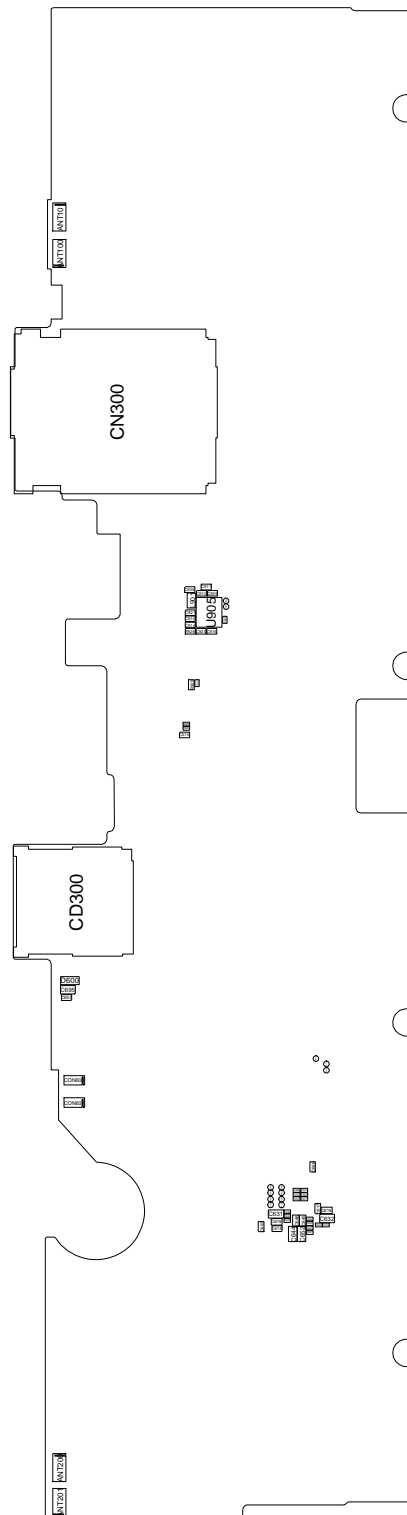
# 8. Level 3 Repair

## 8-1. Block Diagram



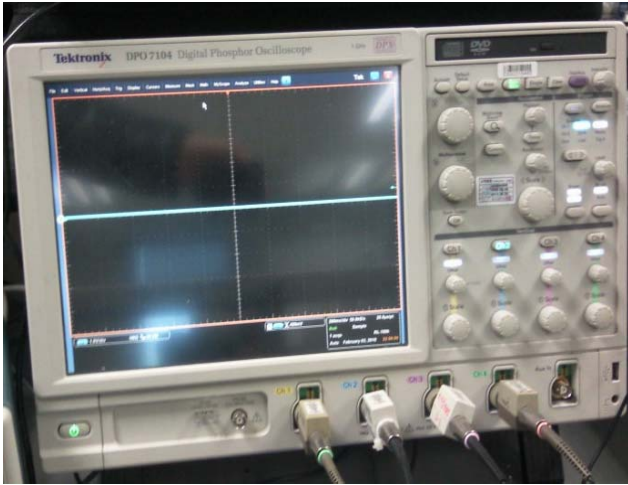
## 8-2. PCB Diagrams

### 8-2-1. Top





8-3. Flow Chart of Troubleshooting Equipments



↑ Oscilloscope



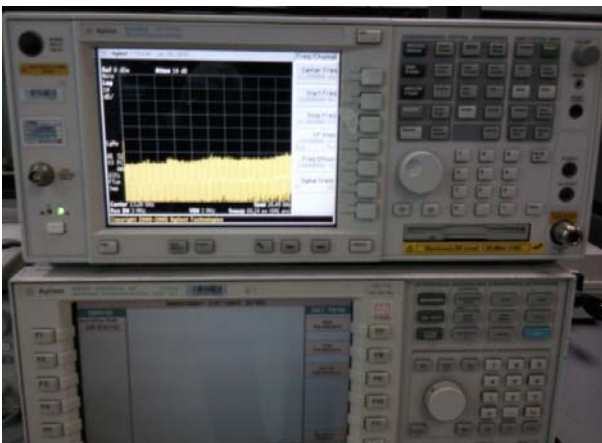
↑ Digital Multimeter



↑ Power Supply



↑ + driver, ESD Safe Tweezer

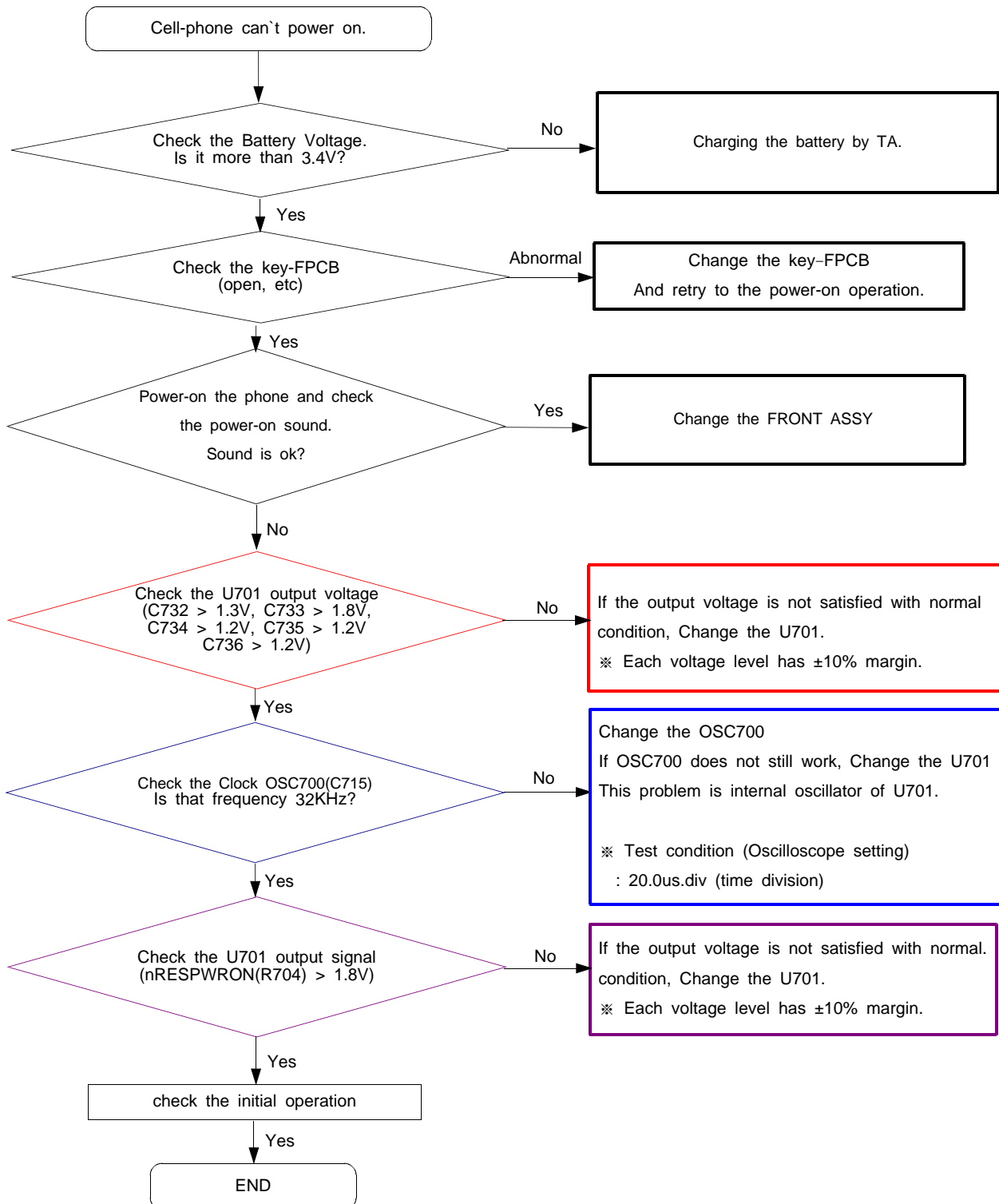


↑ 8960 & Spectrum Analyzer



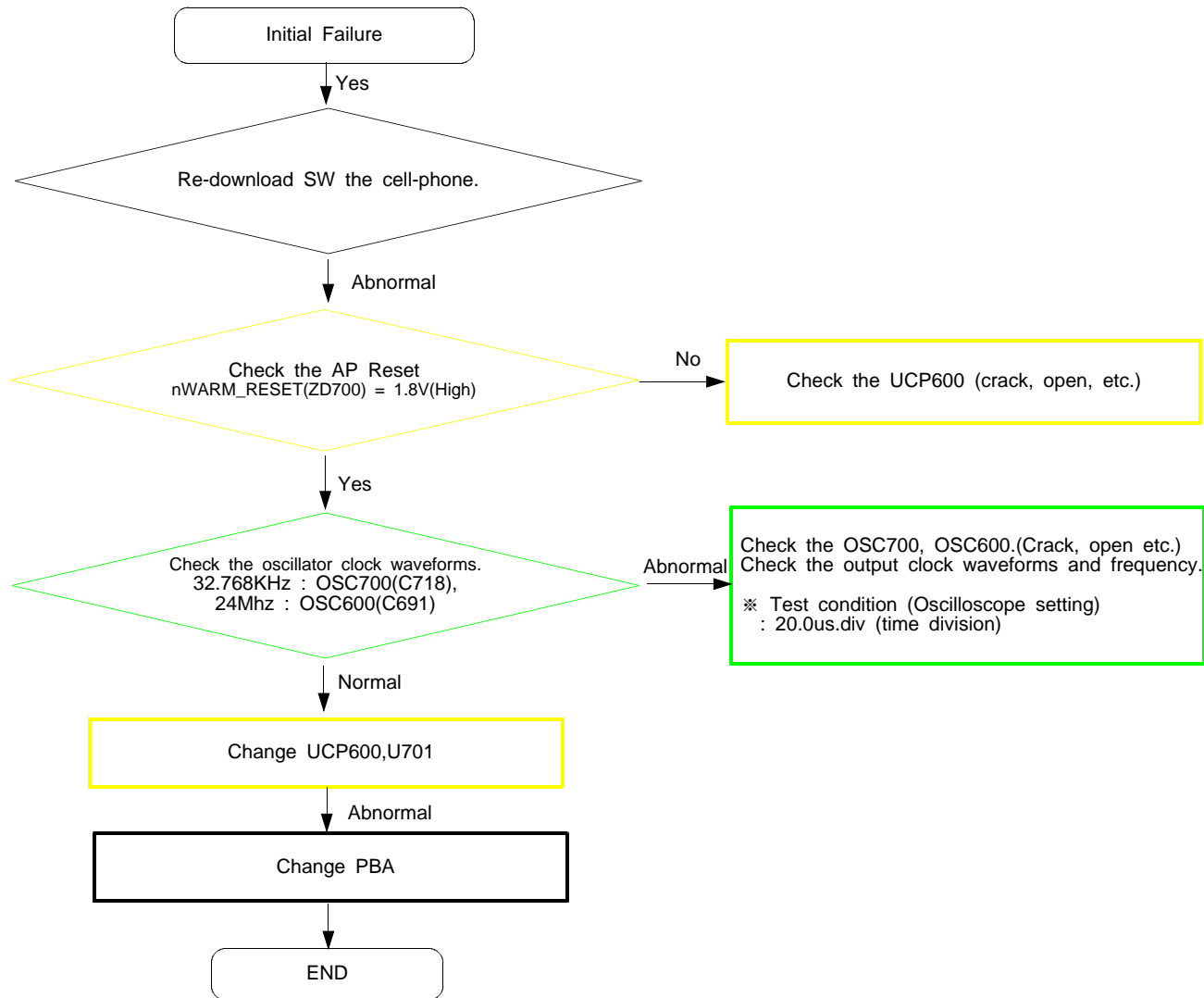
↑ Soldering iron

8-3-1. Power On





8-3-2. Initial

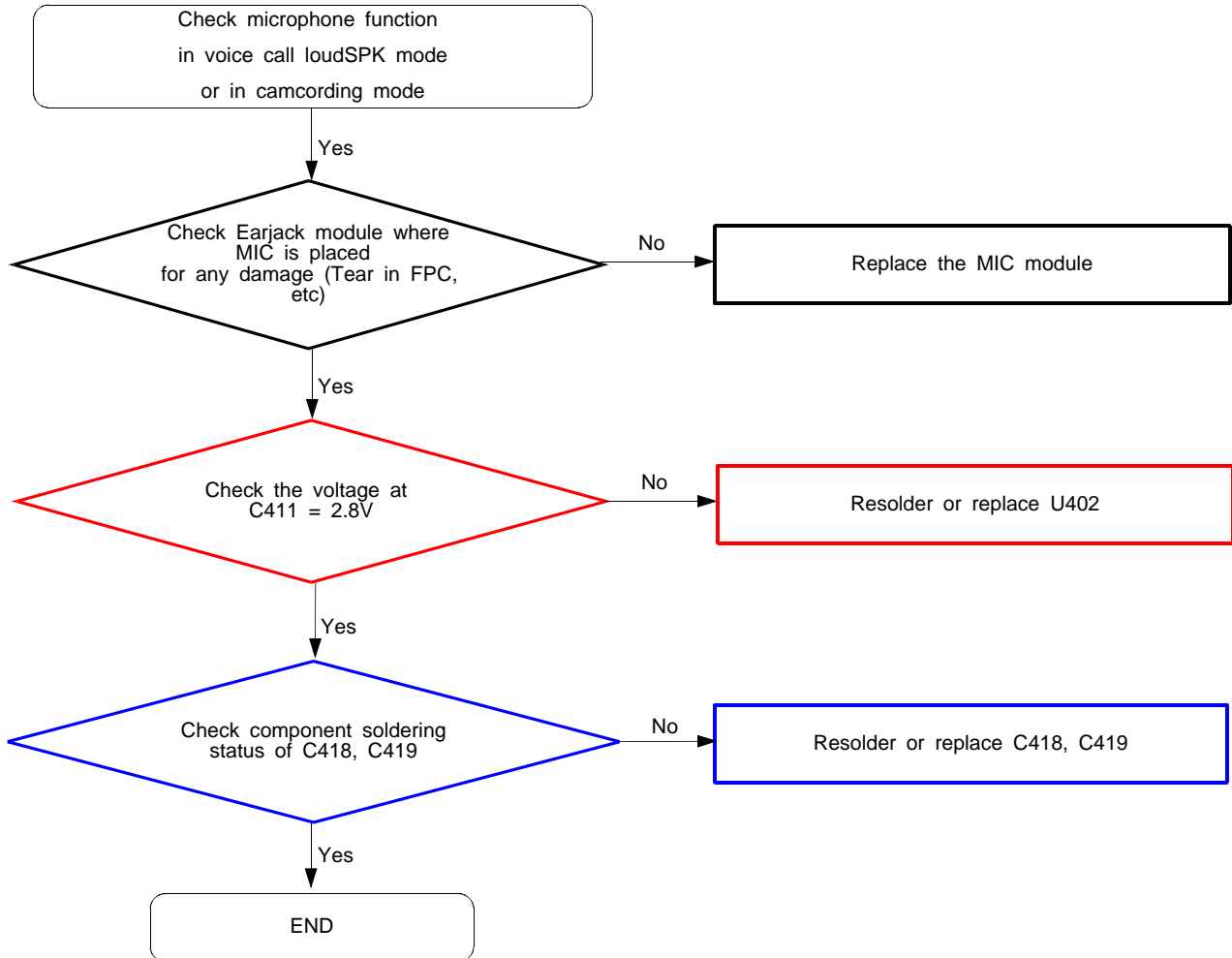


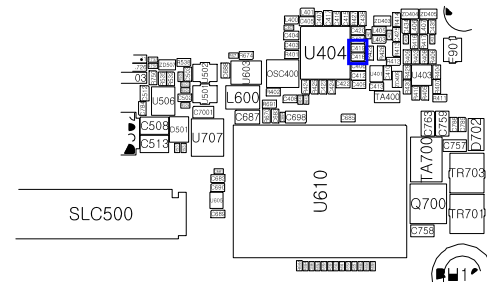
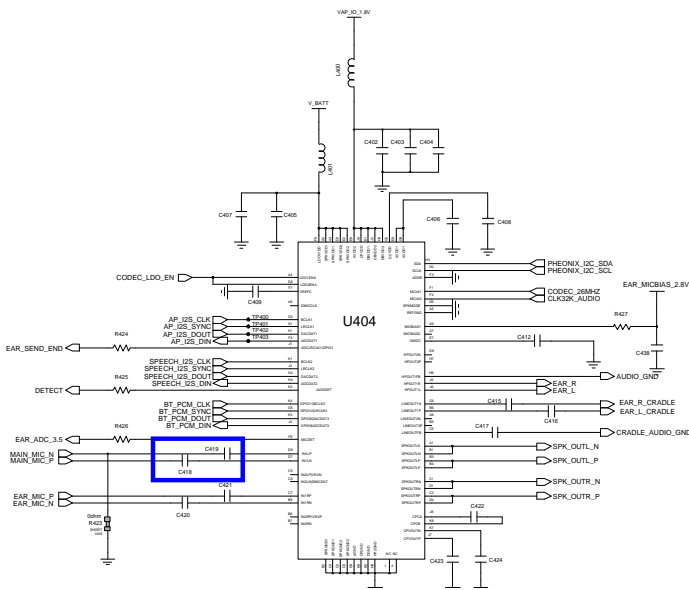
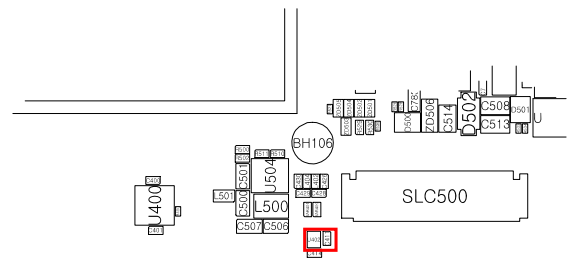
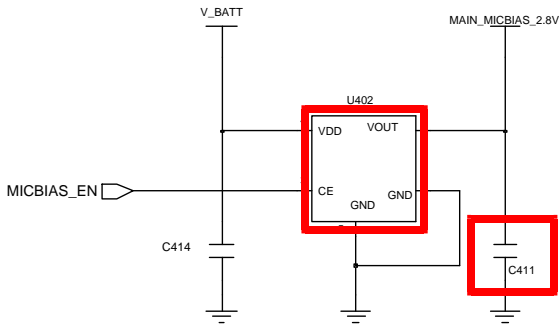




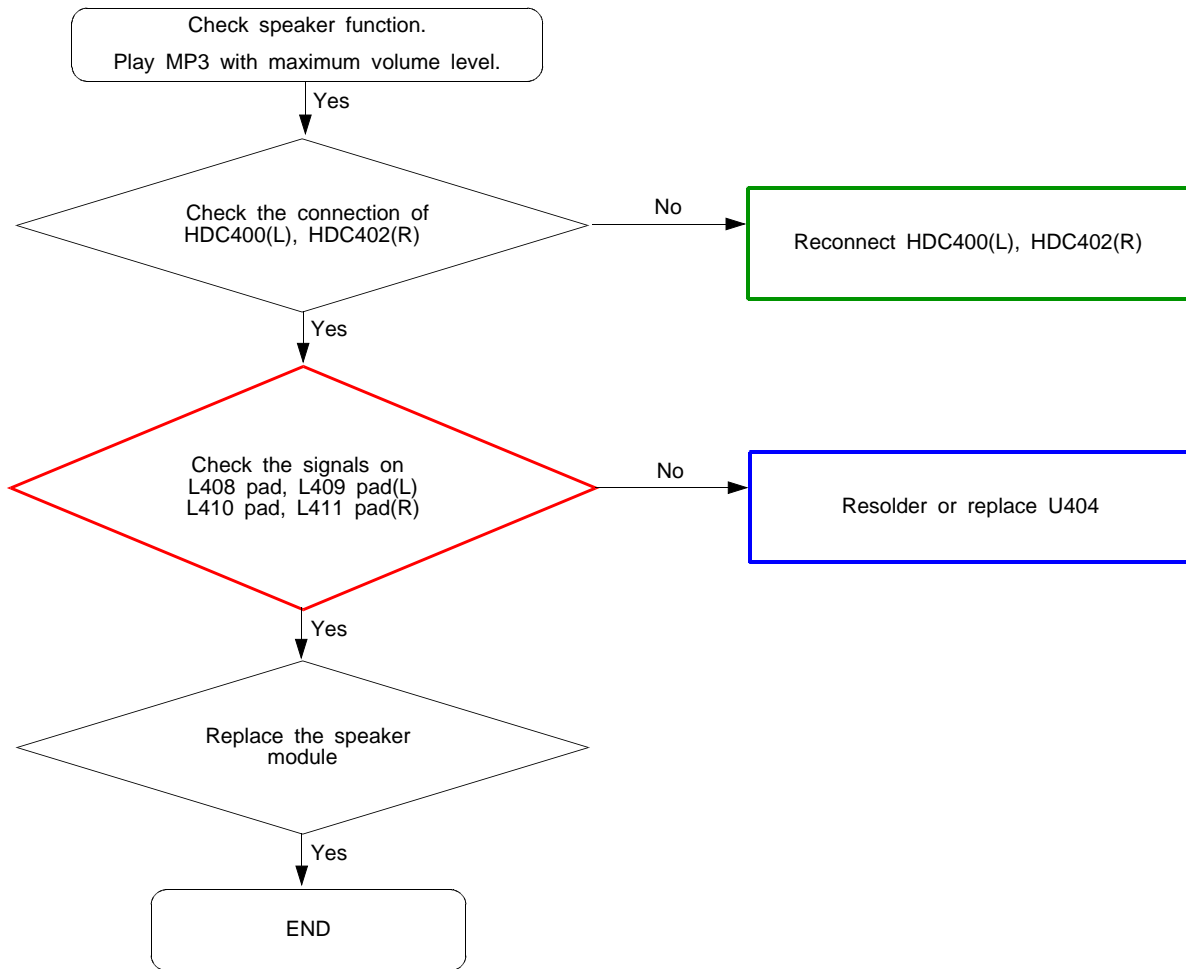


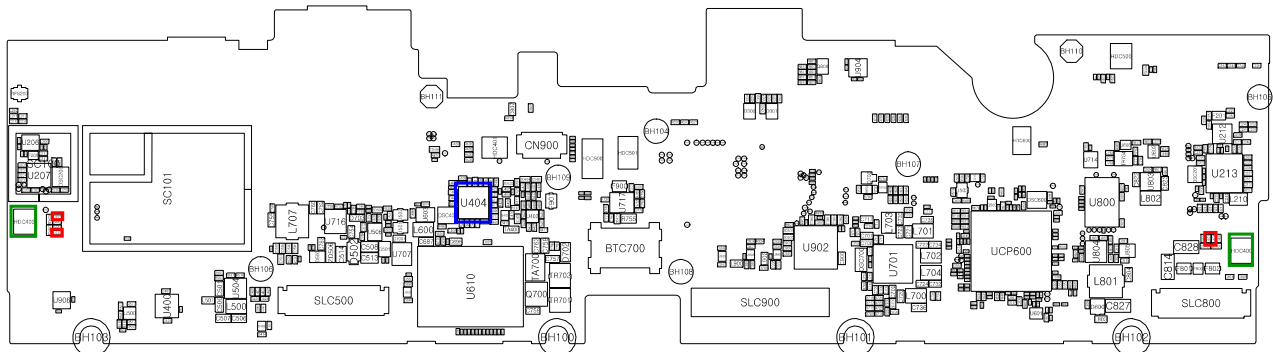
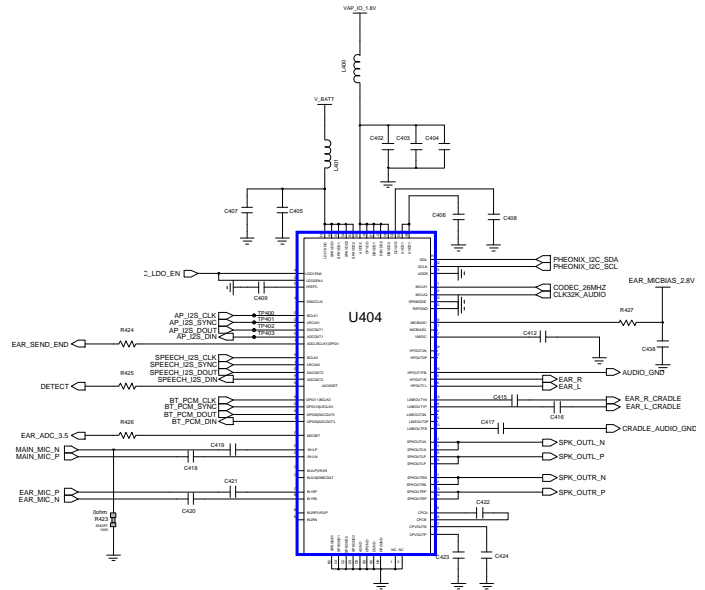
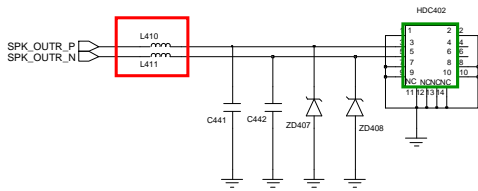
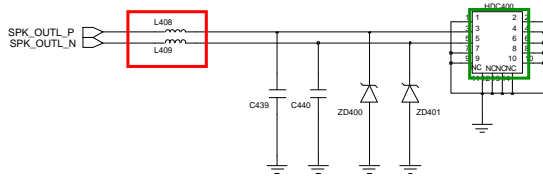
### 8-3-4. Microphone Part



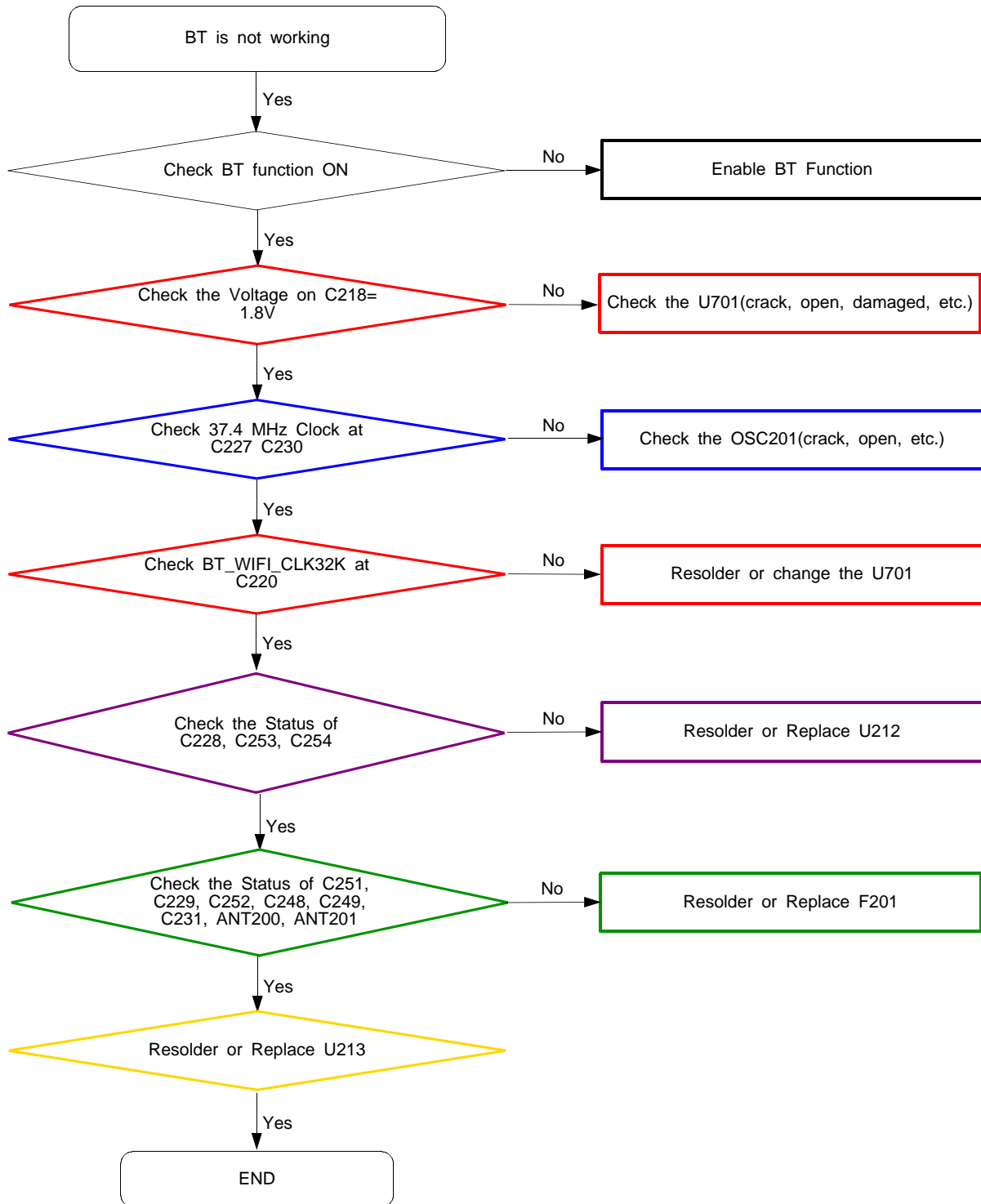


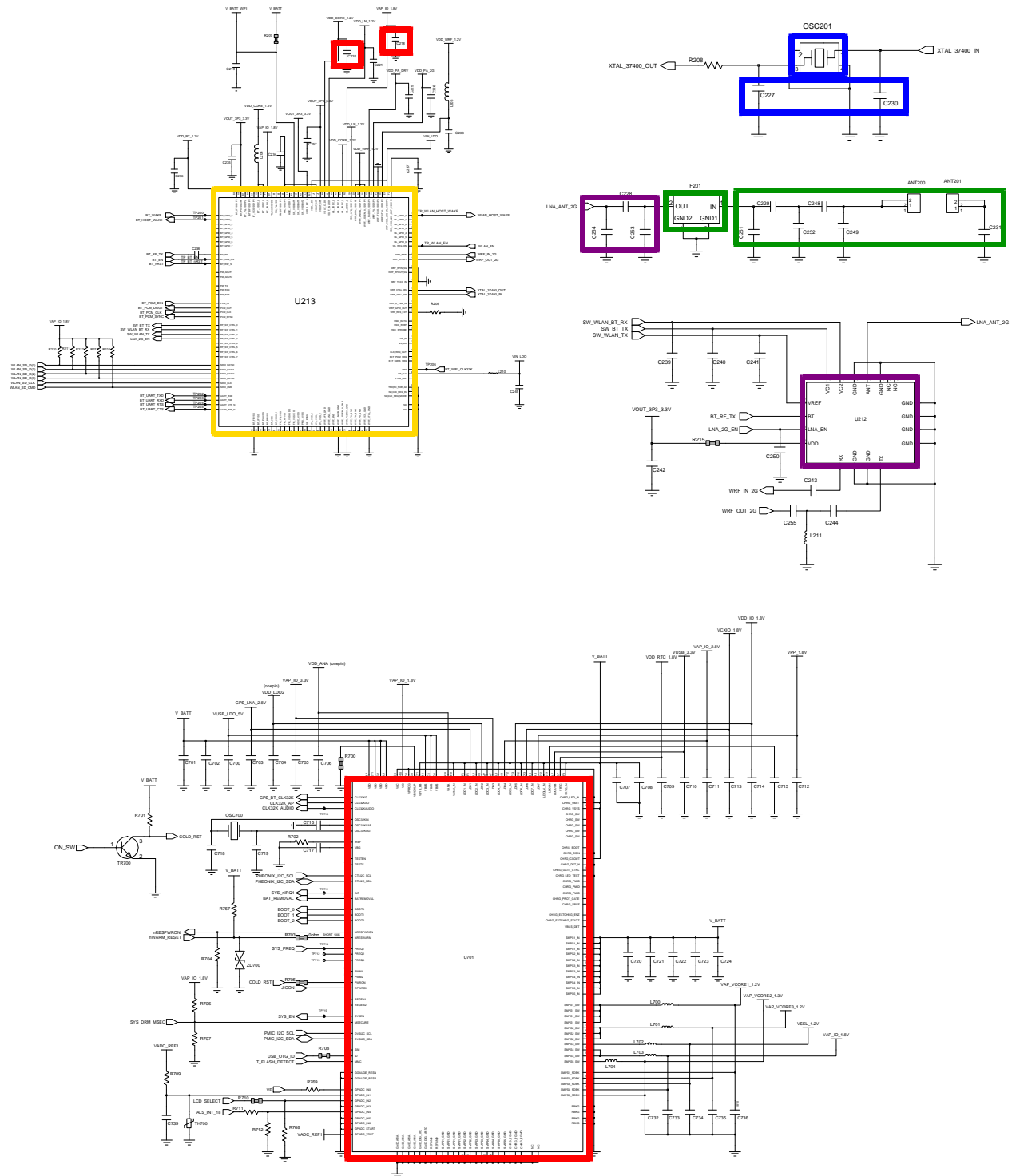
### 8-3-5. Speaker Part

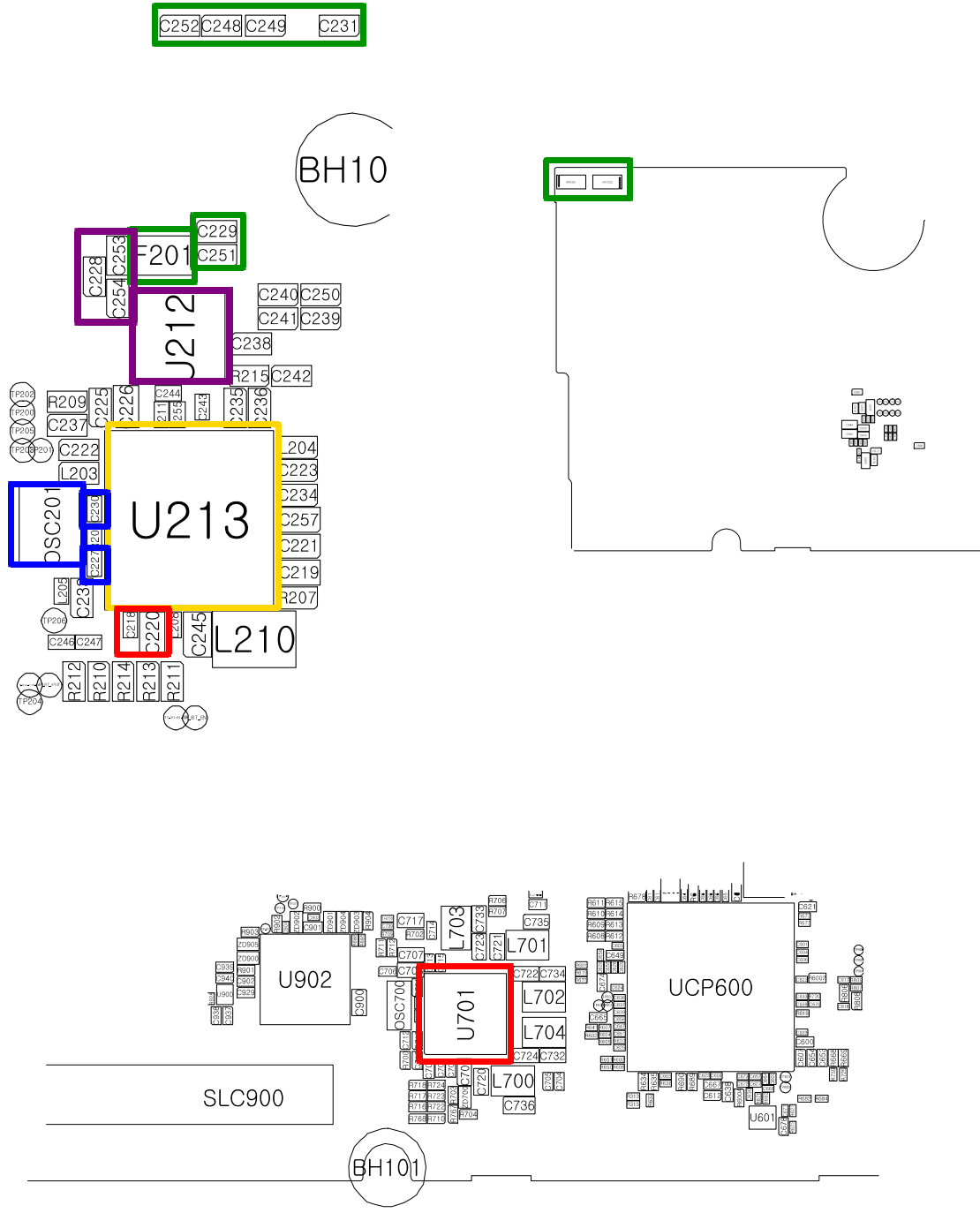




8-3-6. BT Part

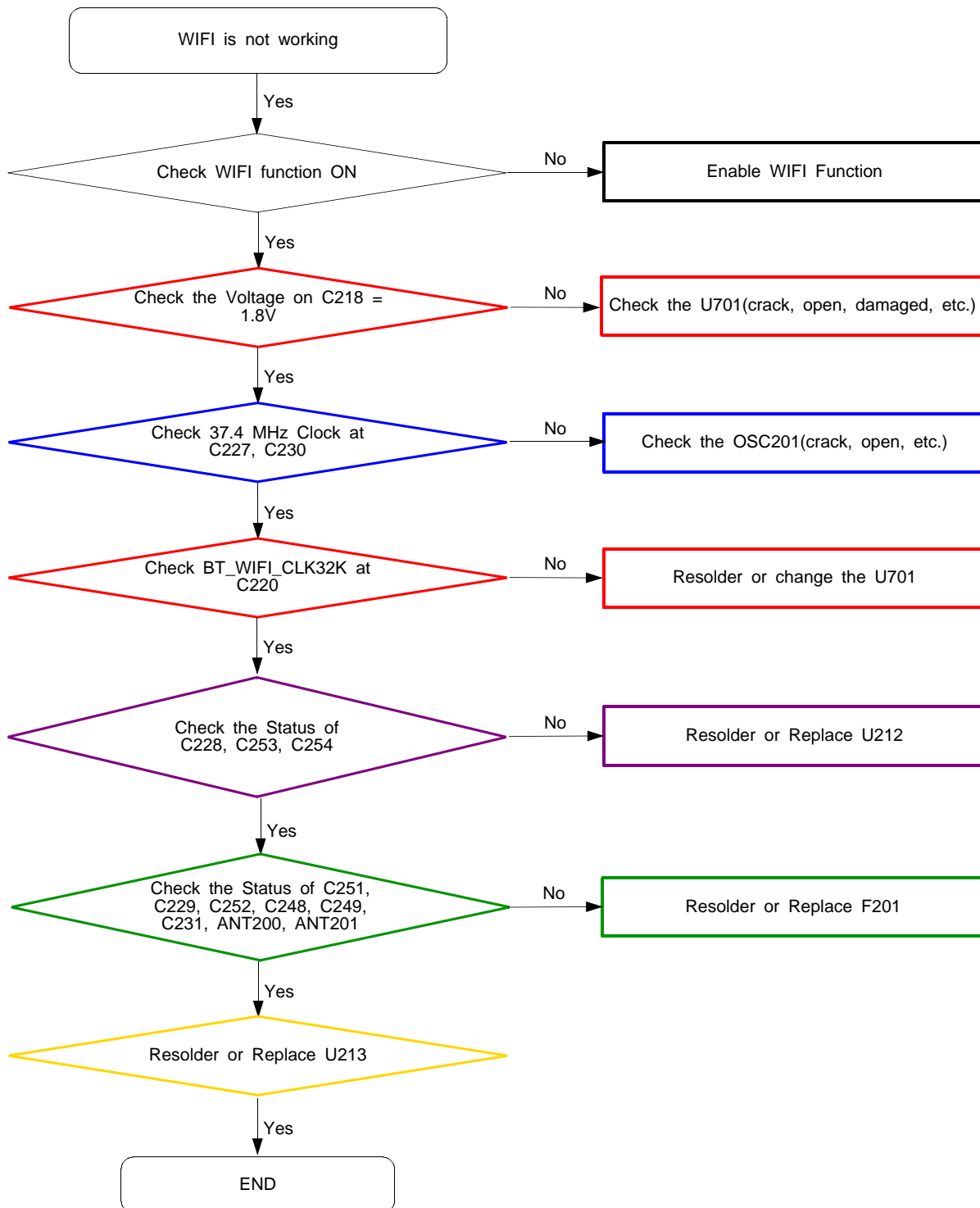


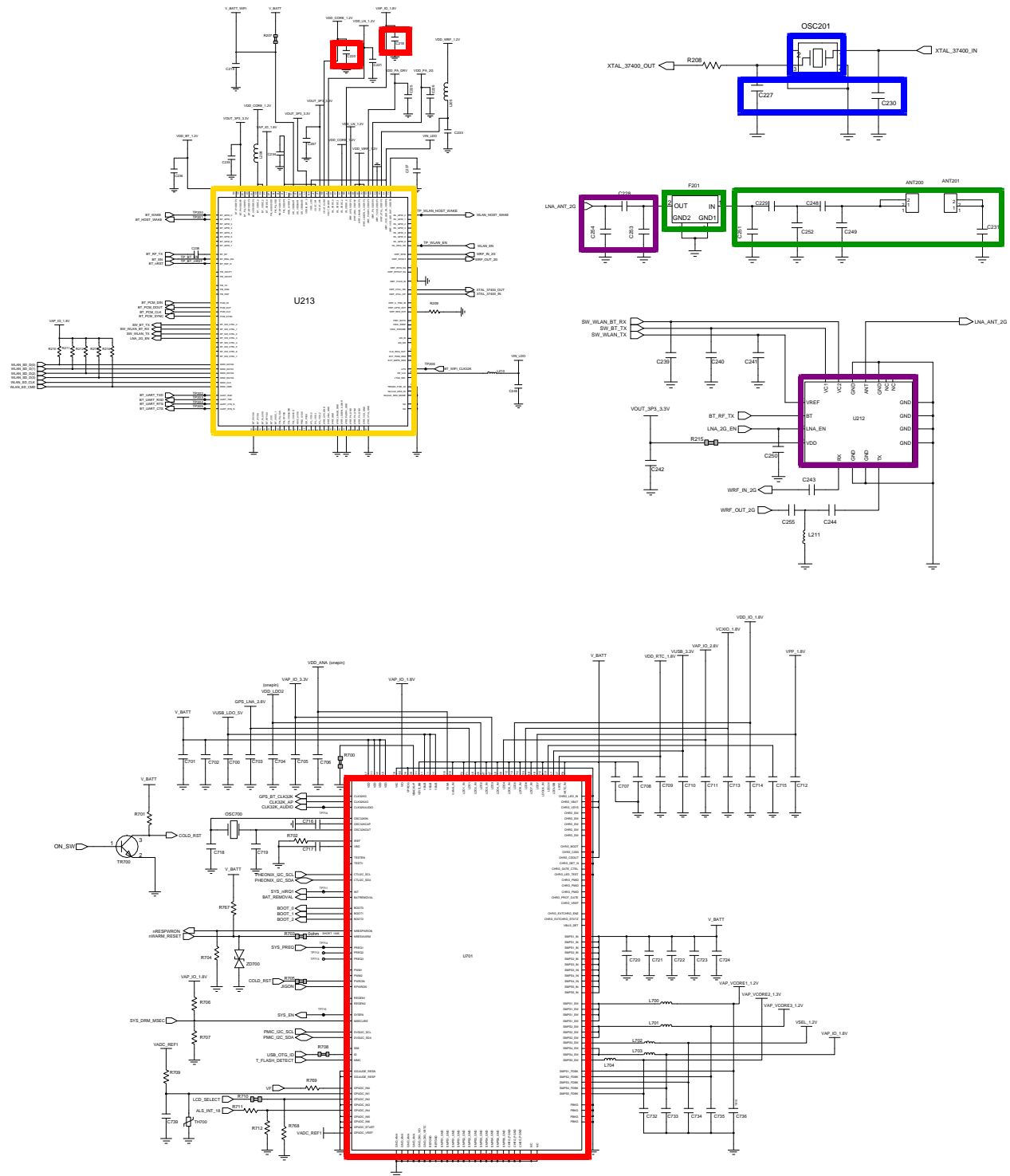


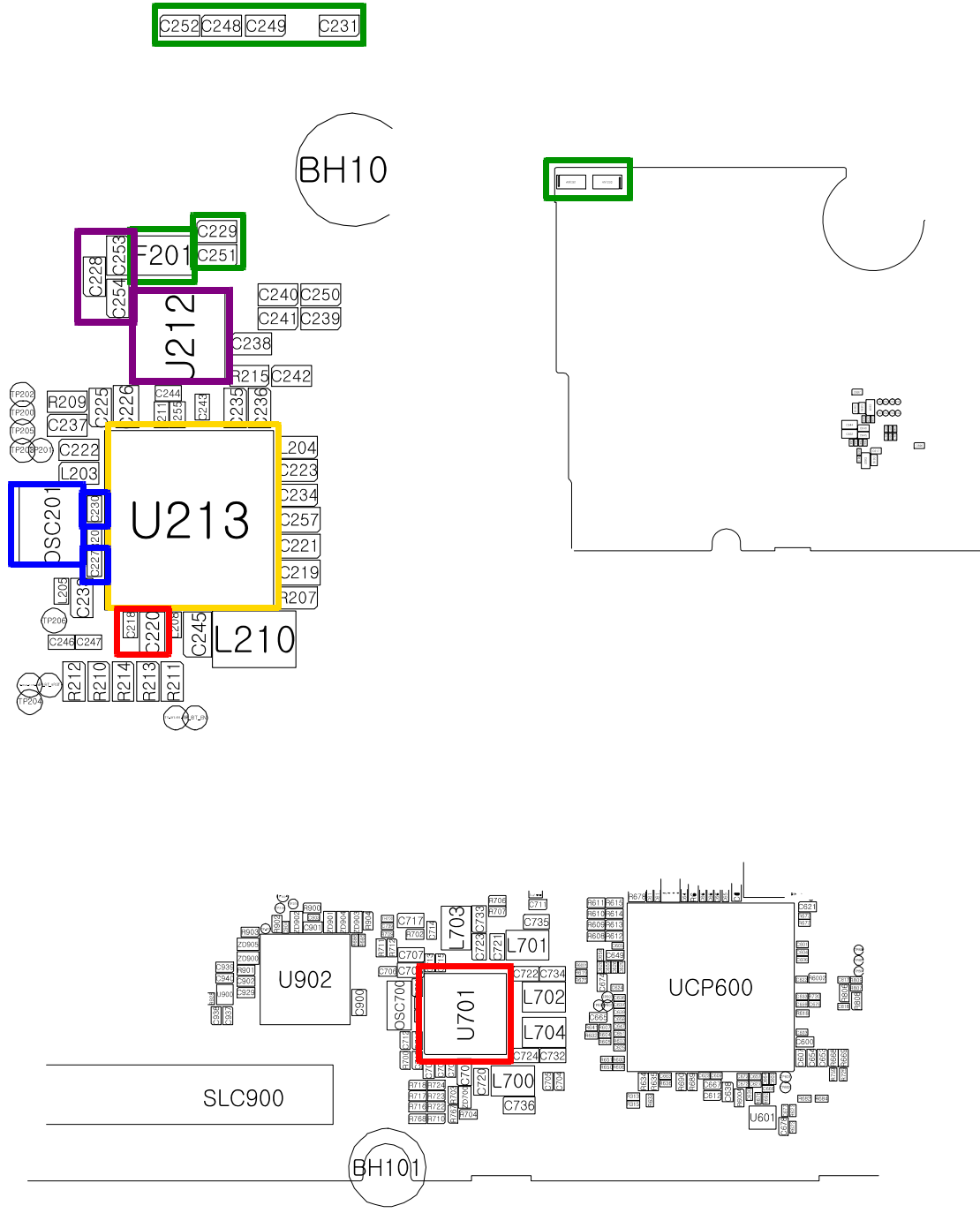




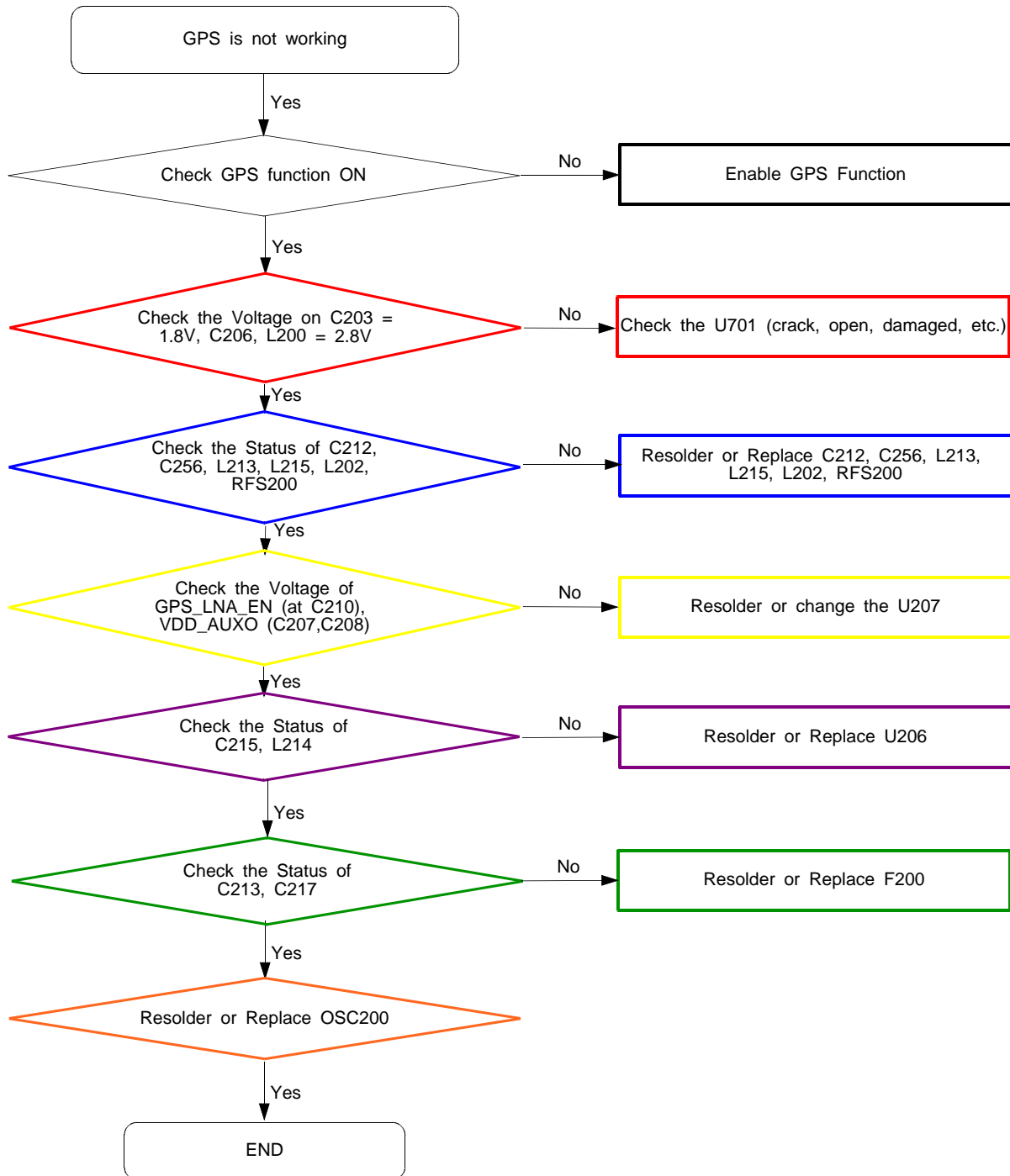
8-3-7. WIFI



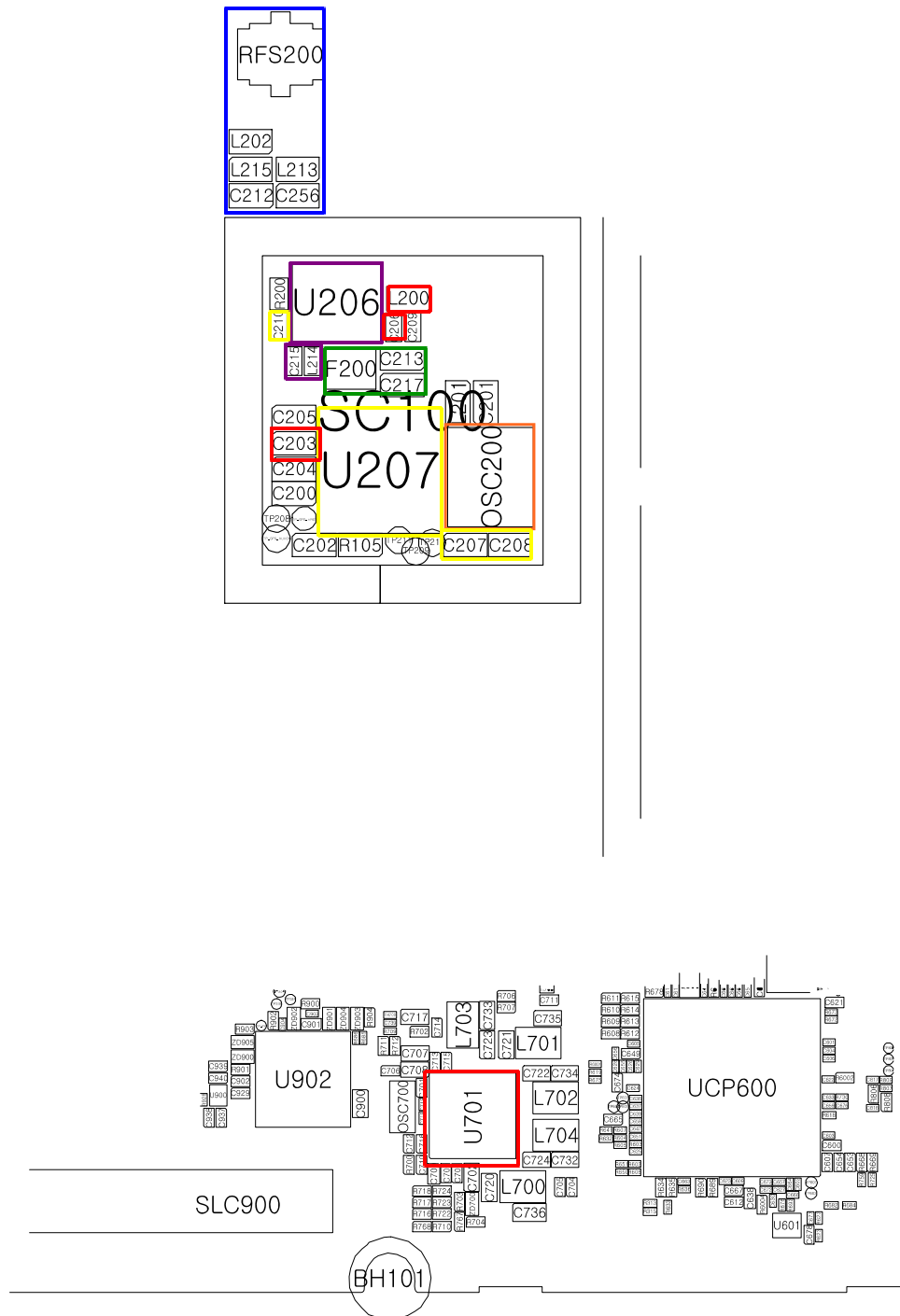




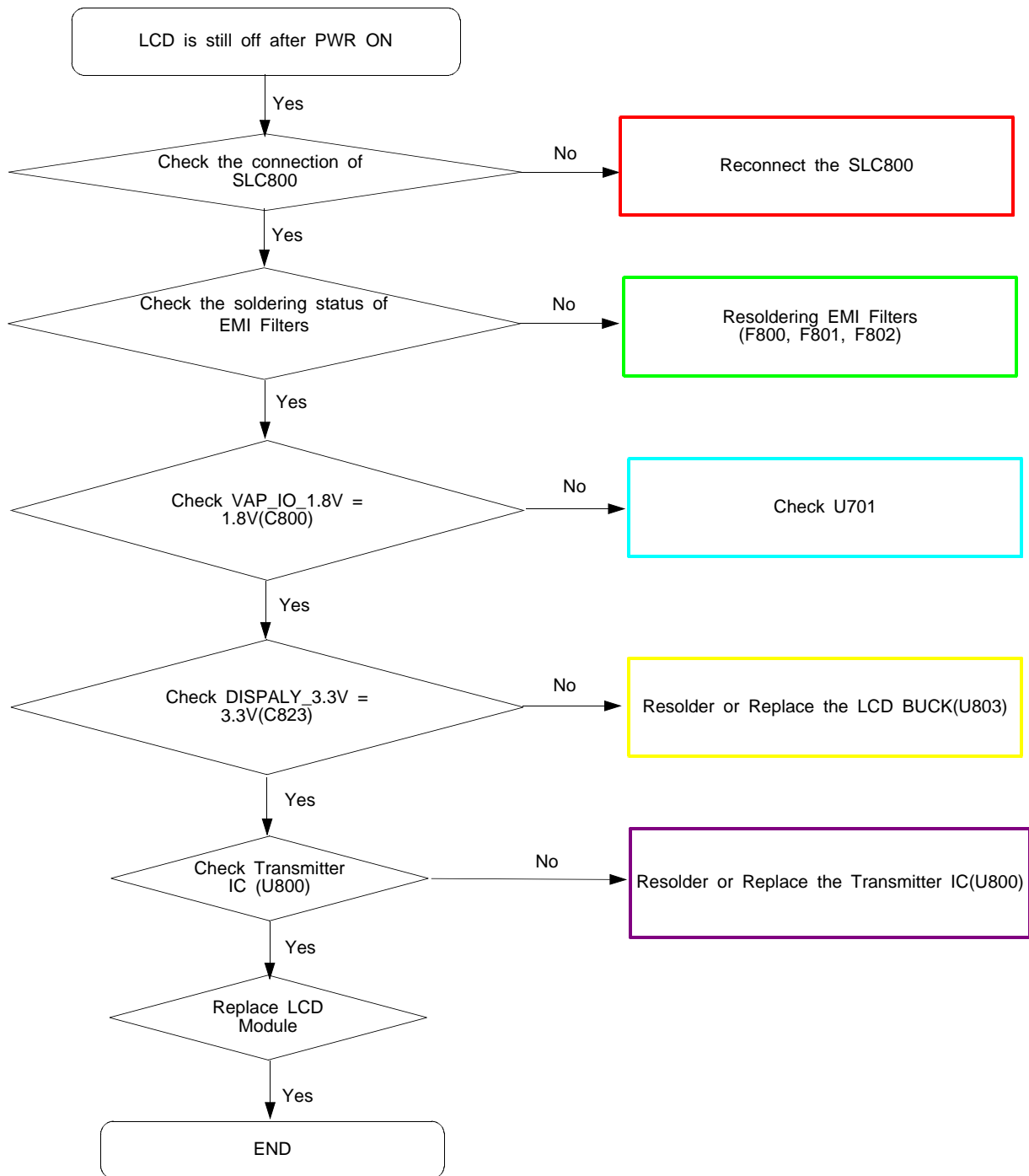
8-3-8. GPS

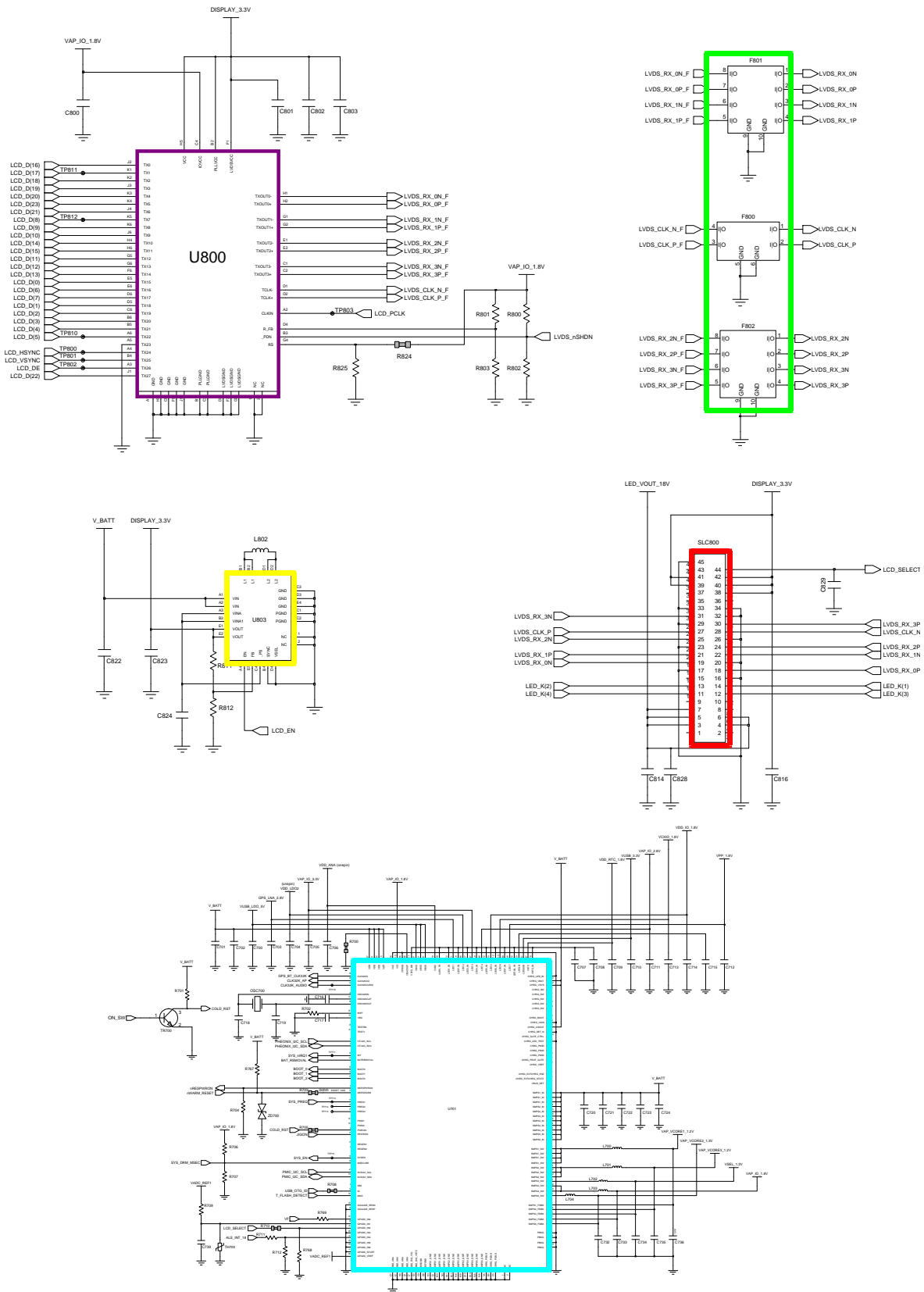




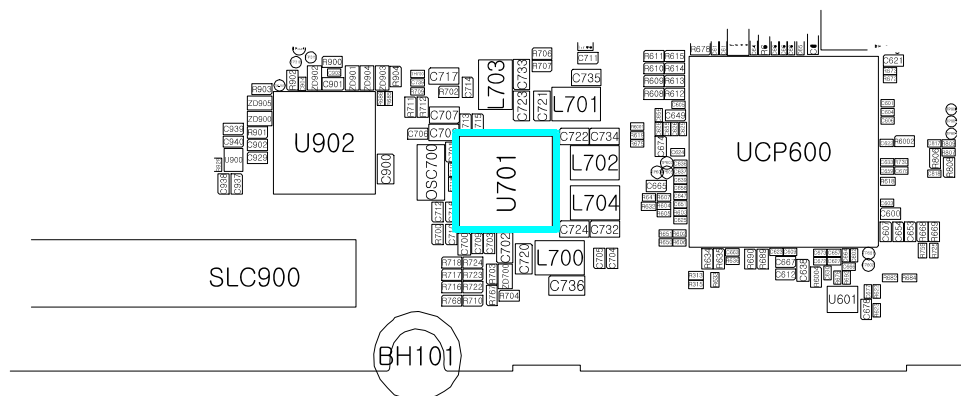
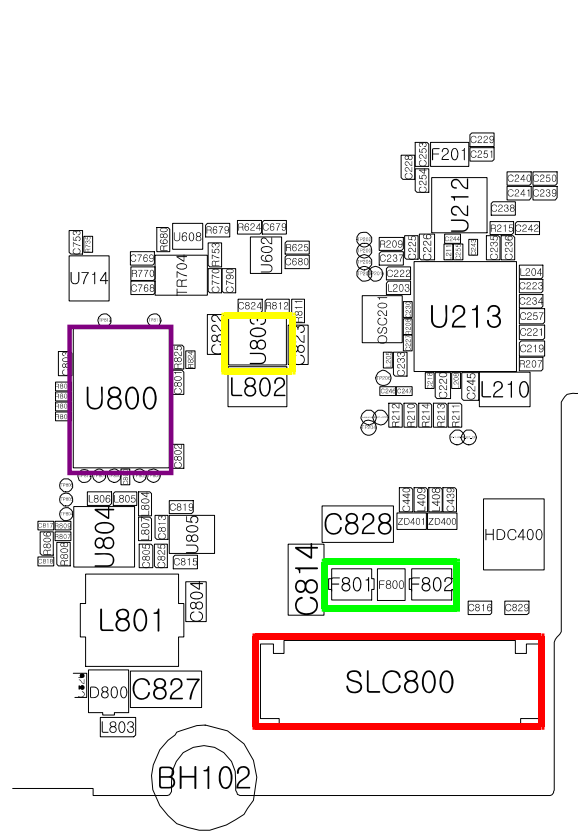


8-3-9. LCD

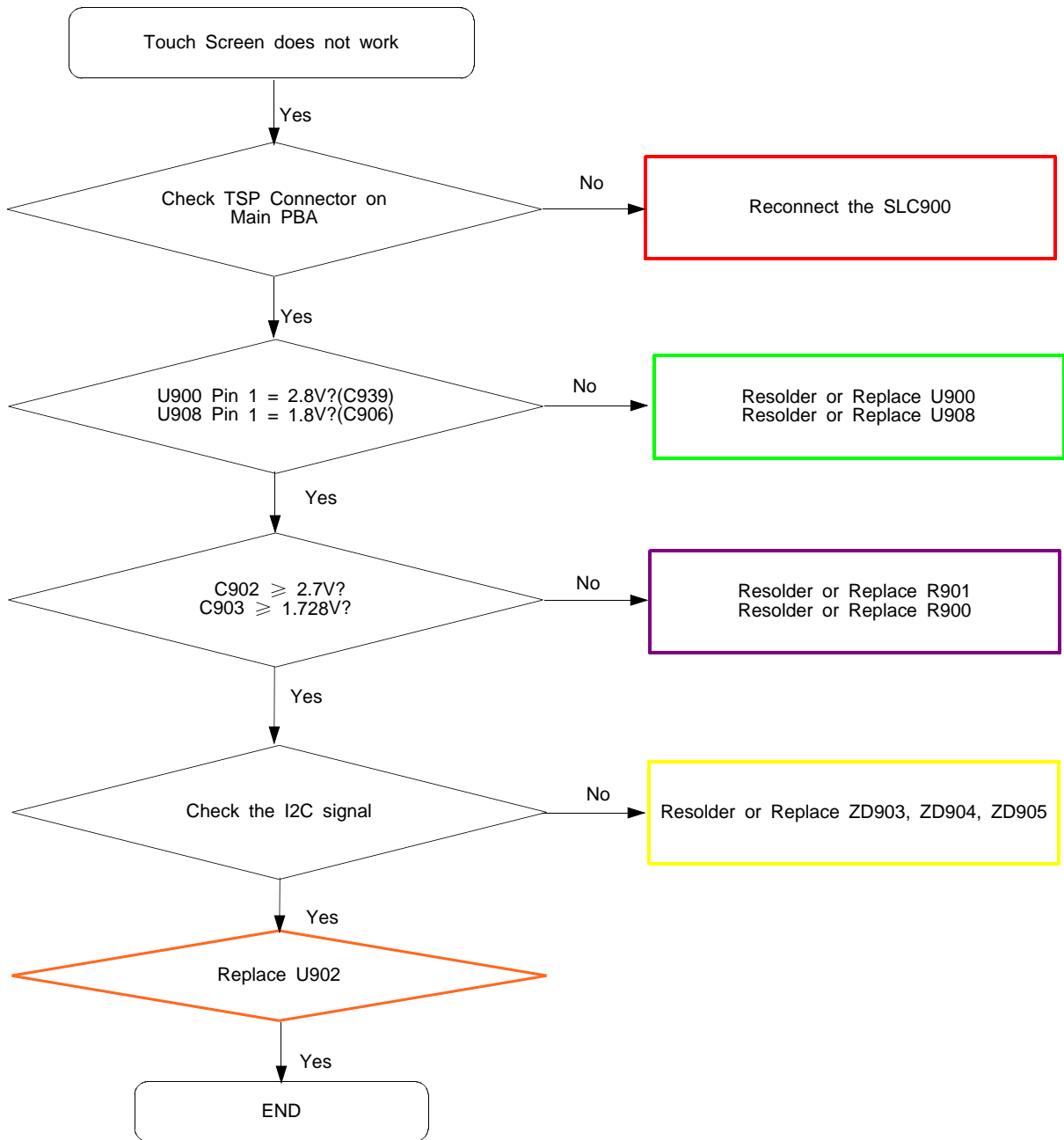






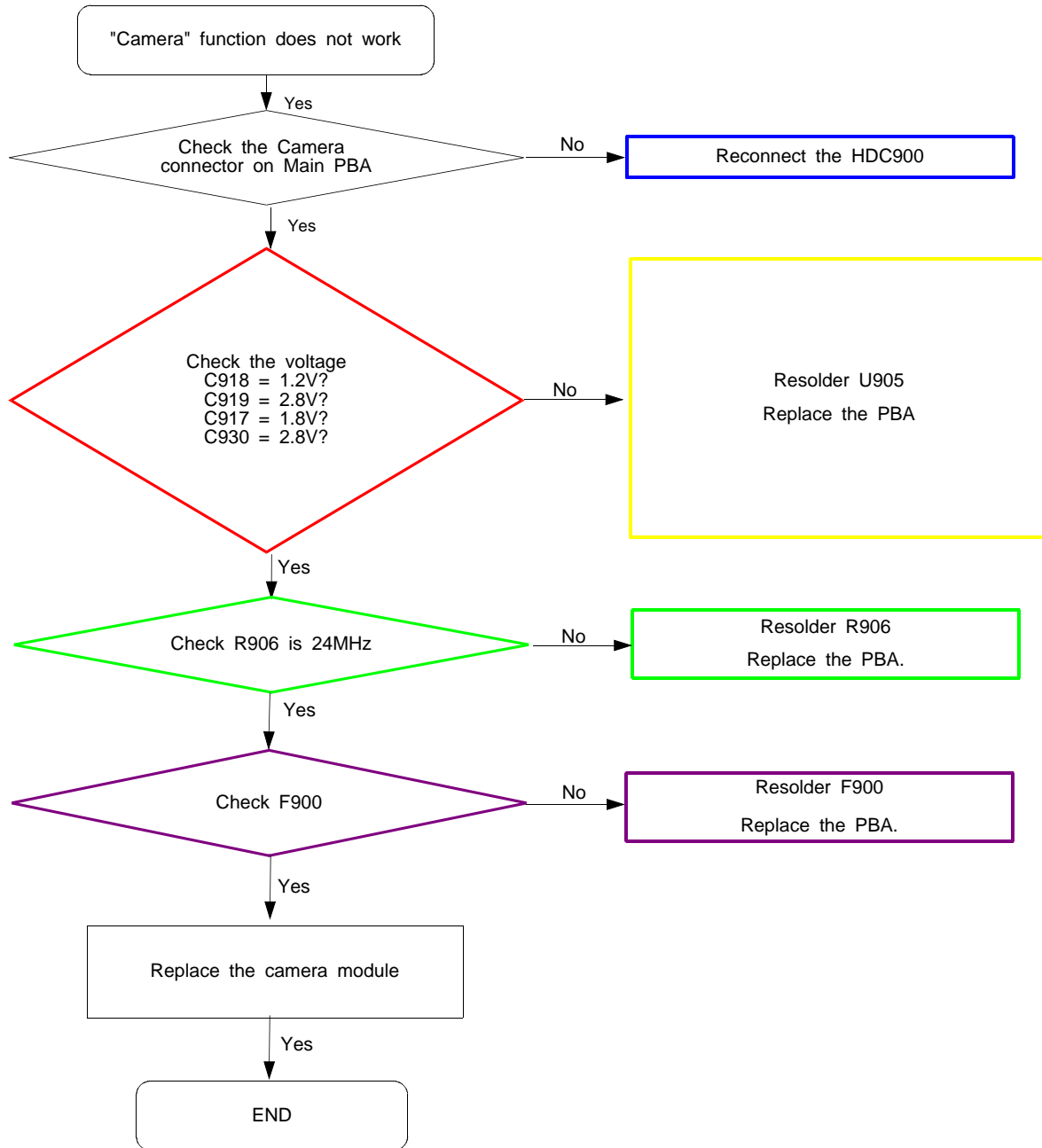


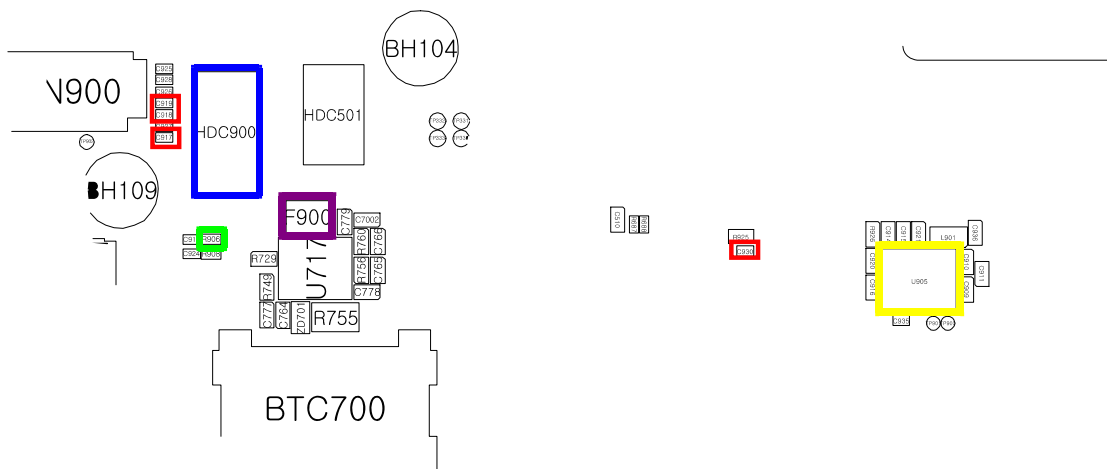
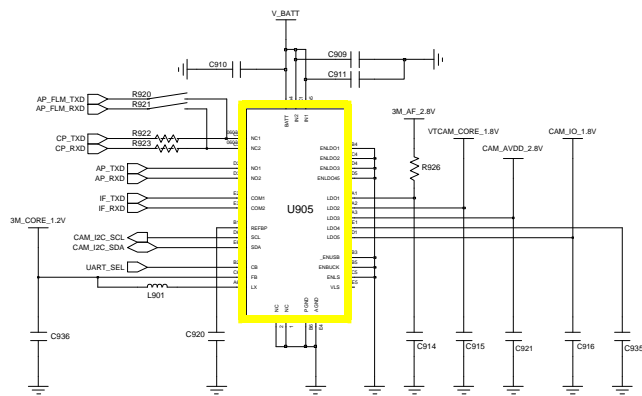
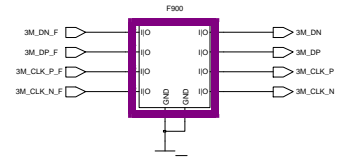
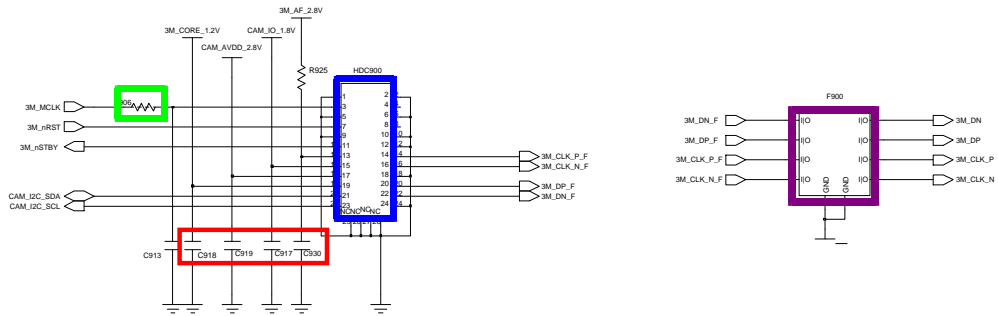
8-3-10. TSP



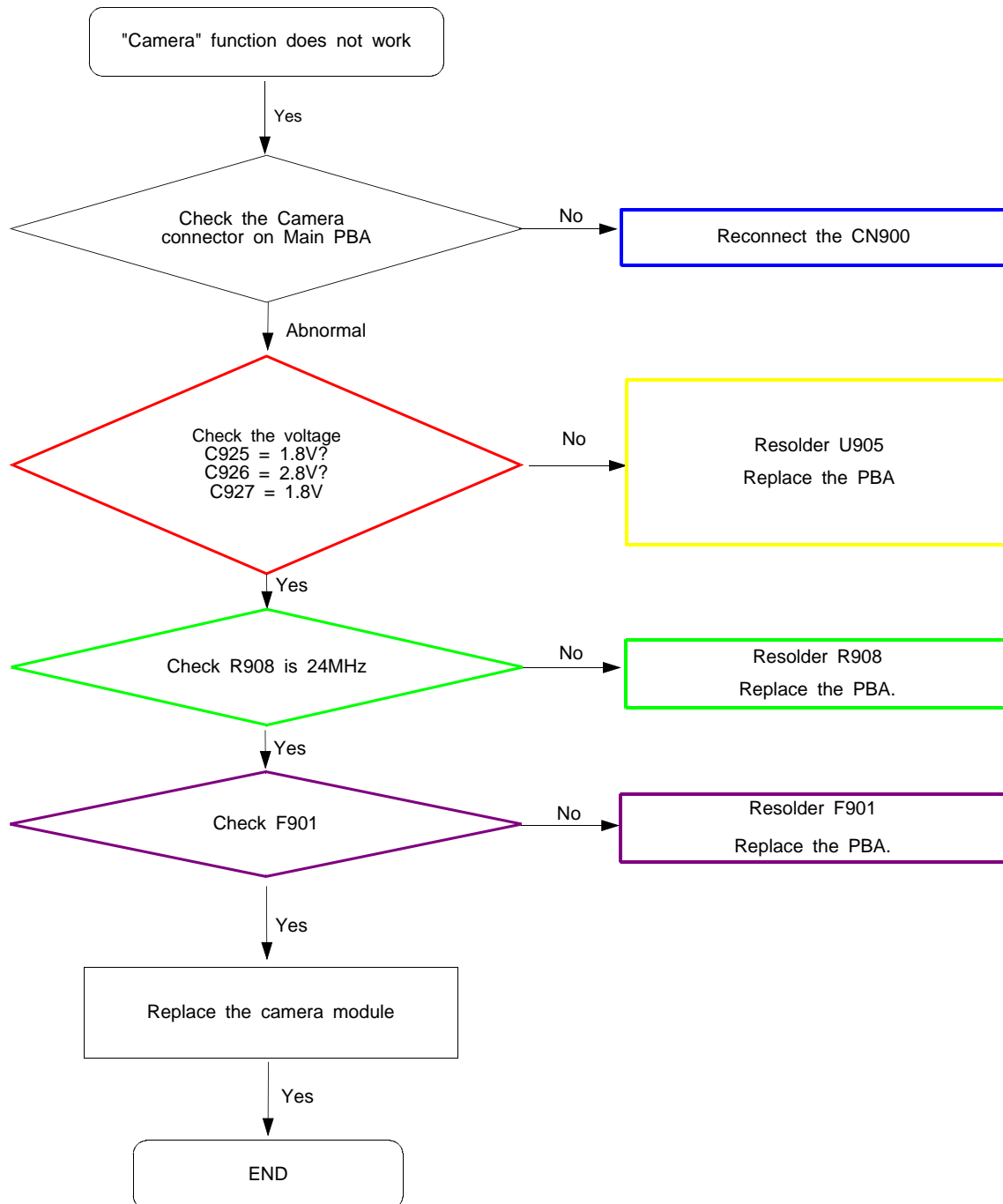


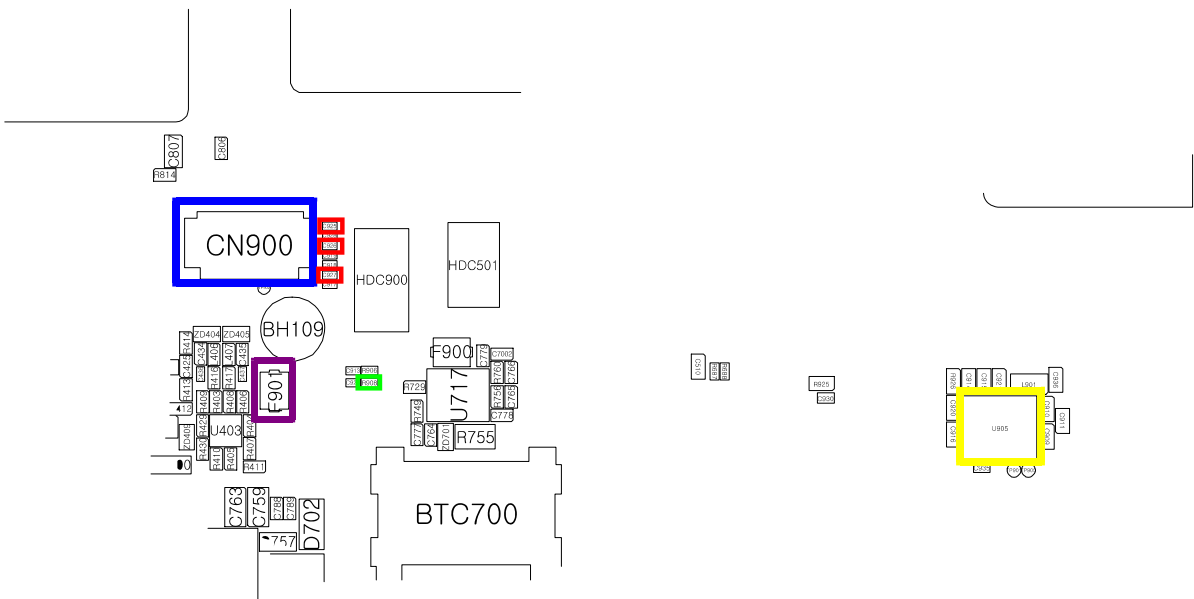
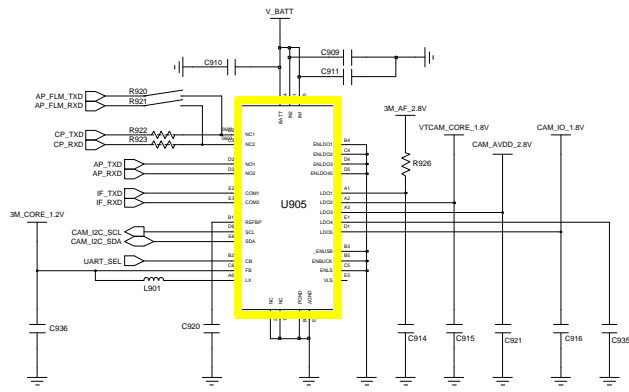
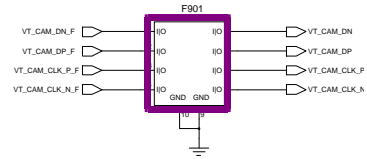
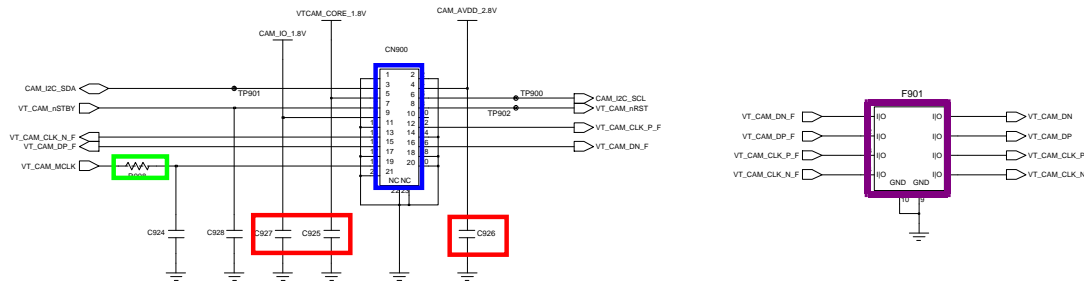
8-3-11. 3M CAM



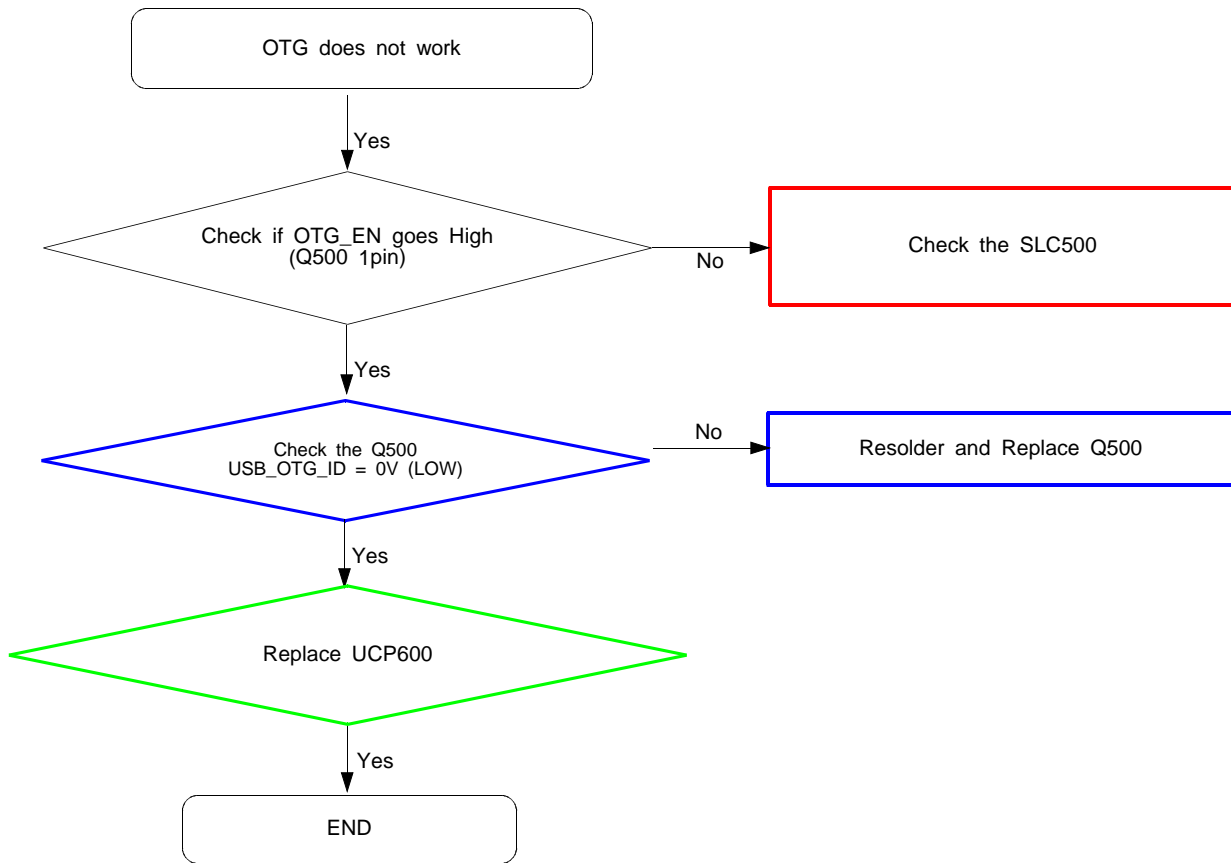


### 8-3-12. VGA CAM

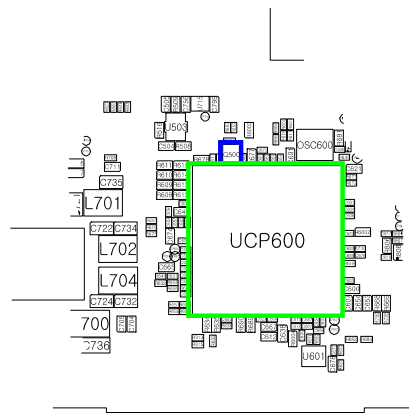
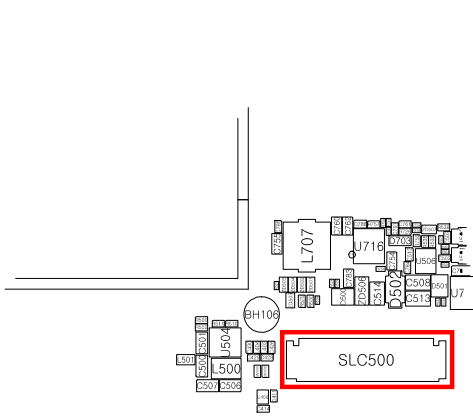
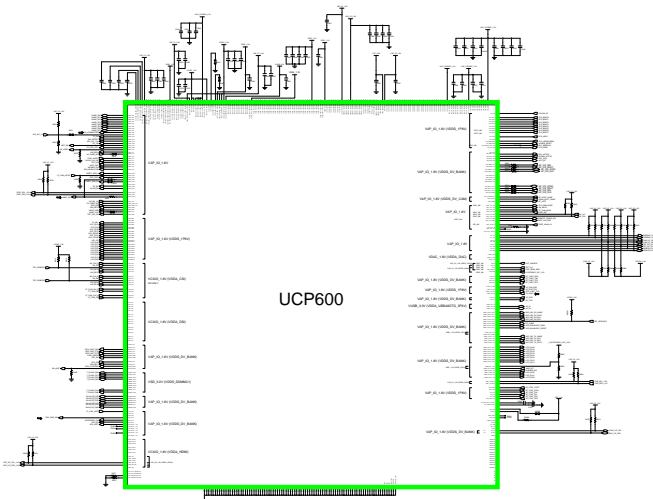
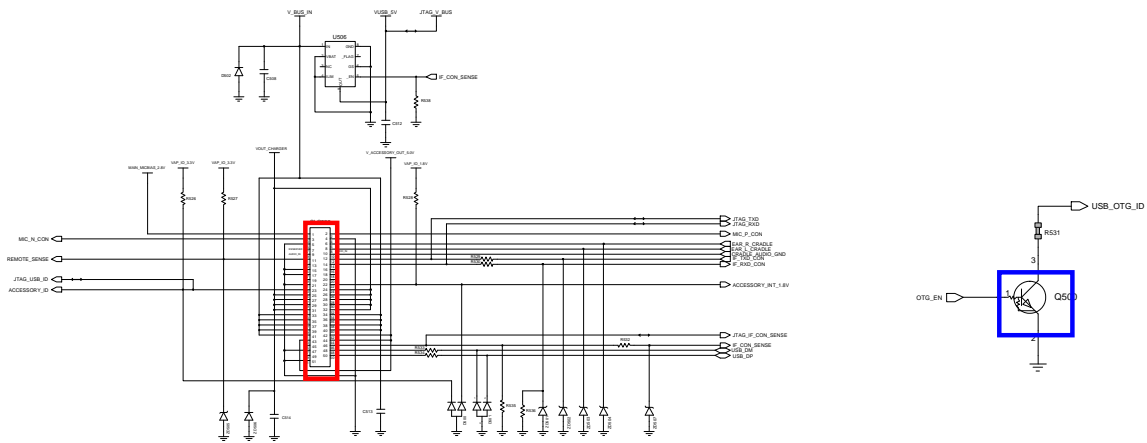




### 8-3-13. OTG

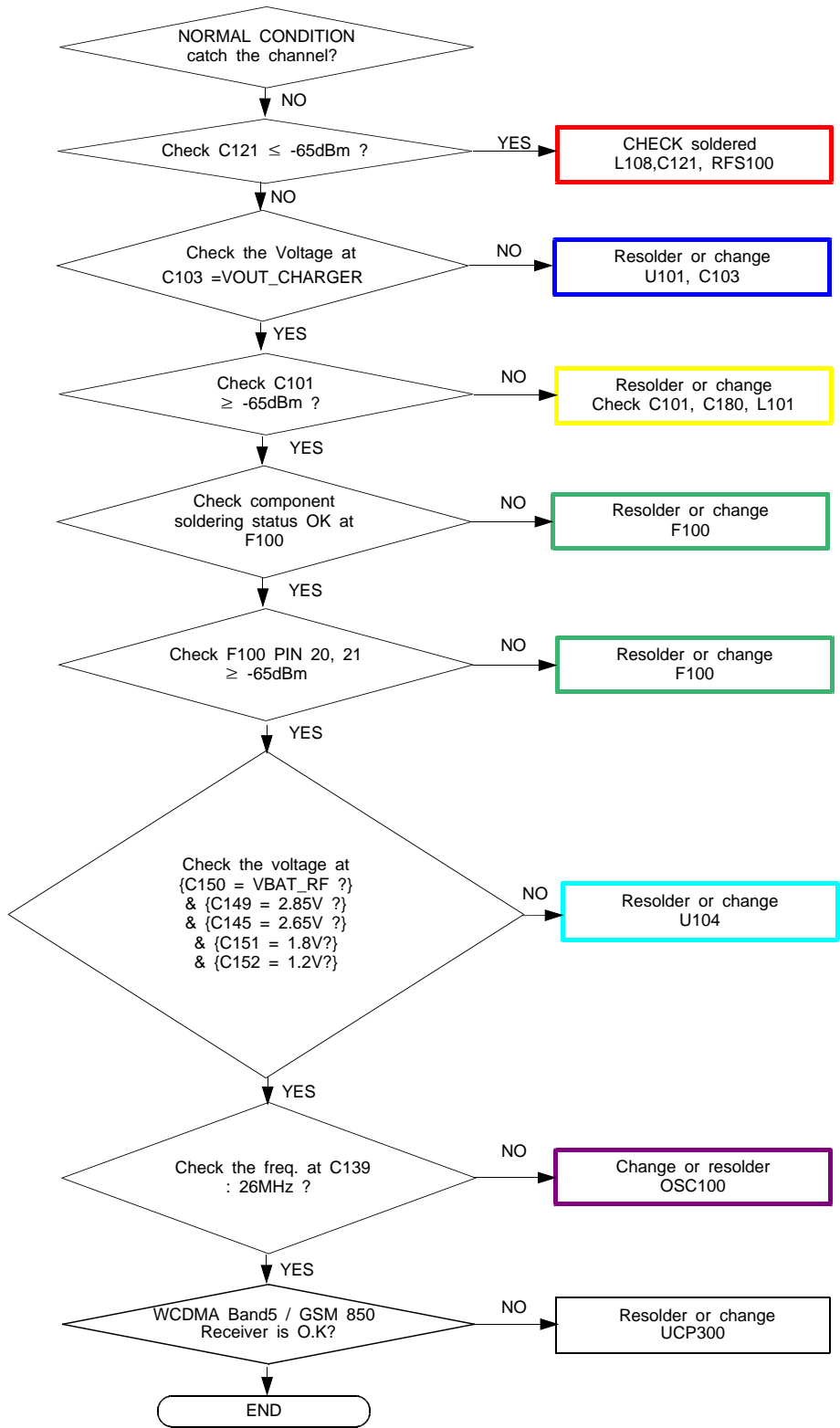


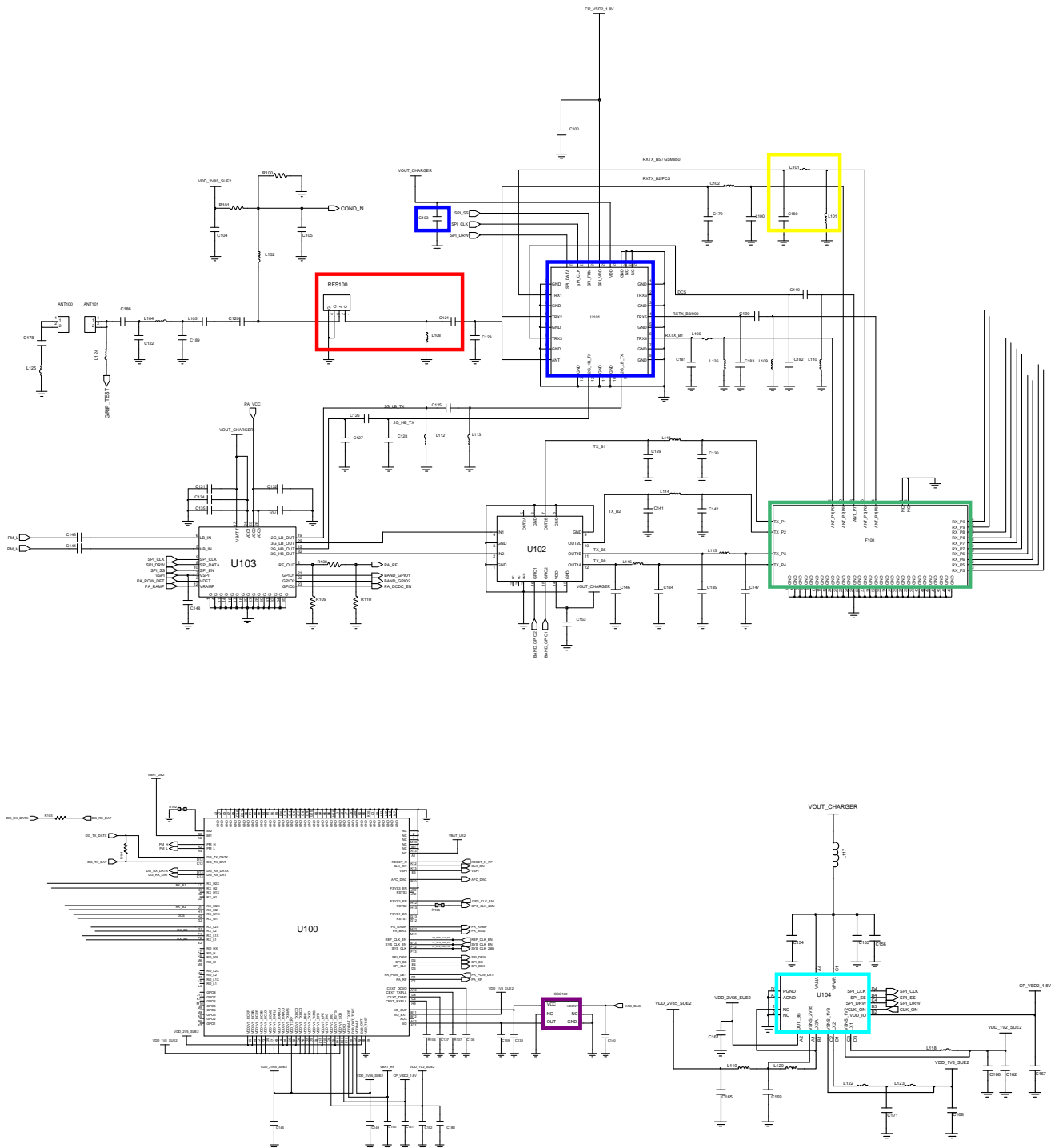




8-3-14. GSM850/ WCDMA Band5 RX

CONTINUO  
 US RX ON  
 RF INPUT : 4408CH  
 AMP : -50dBm

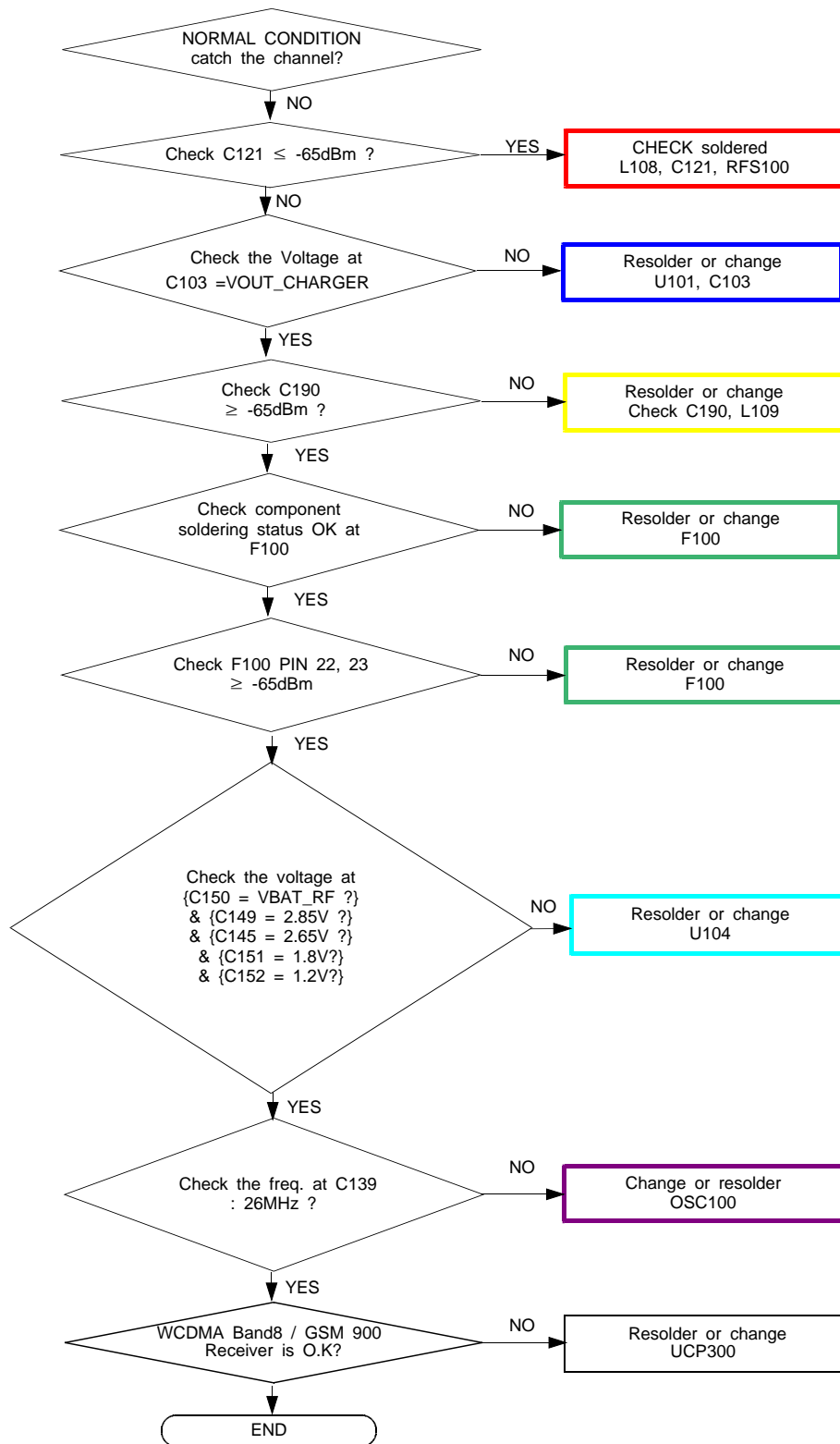




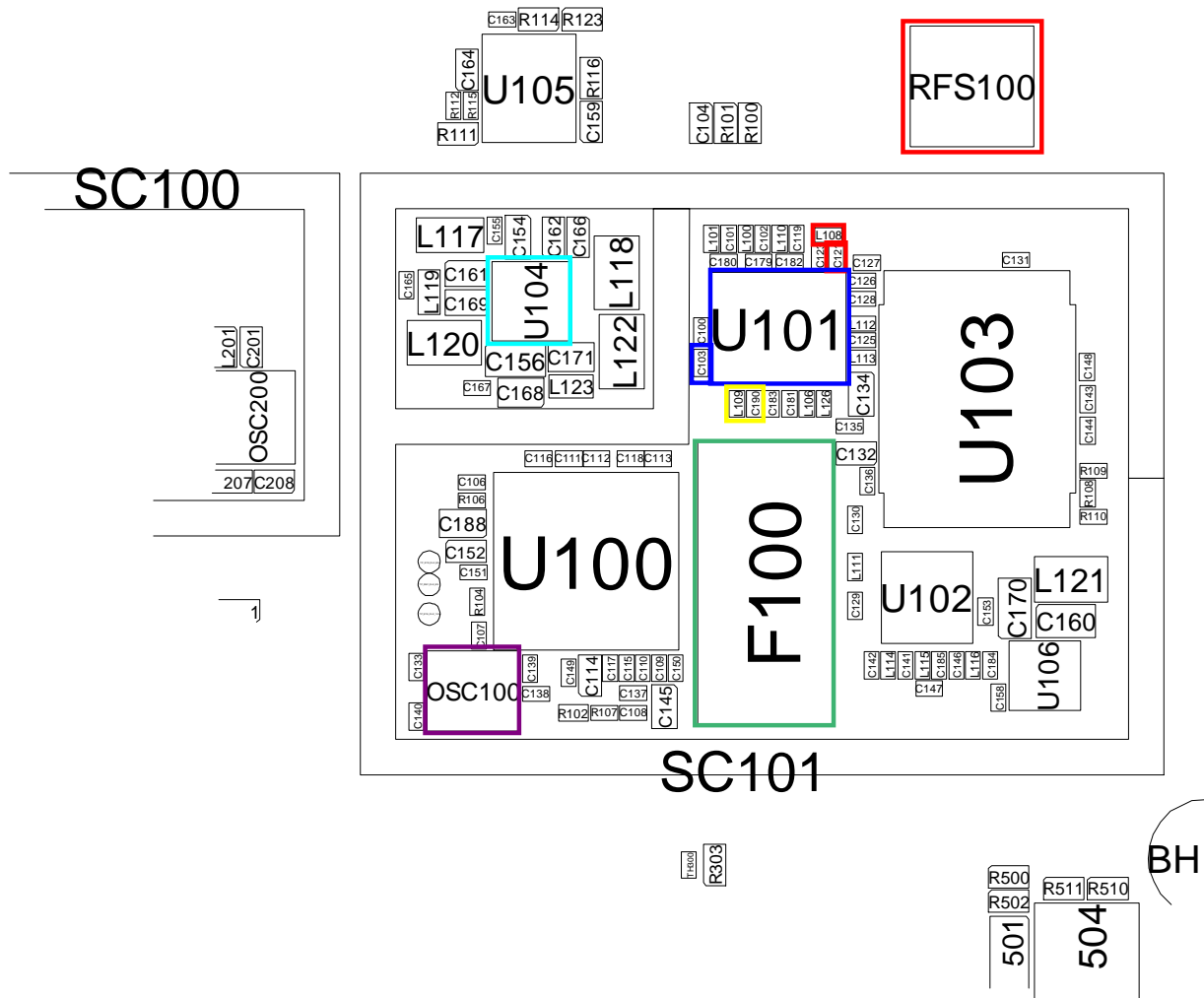


8-3-15. GSM900/ WCDMA Band8 RX

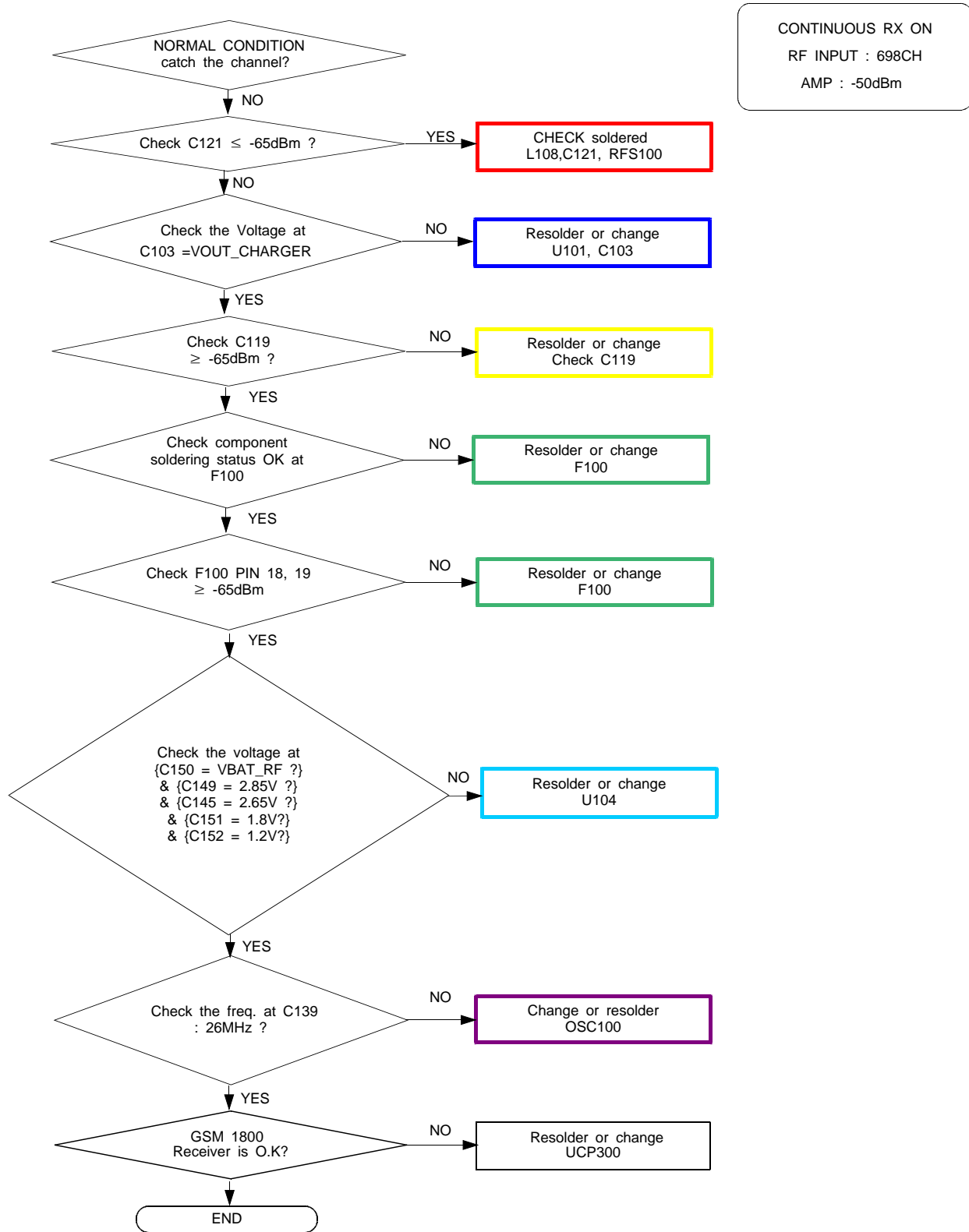
CONTINUOUS RX ON  
RF INPUT : 3013CH  
AMP : -50dBm



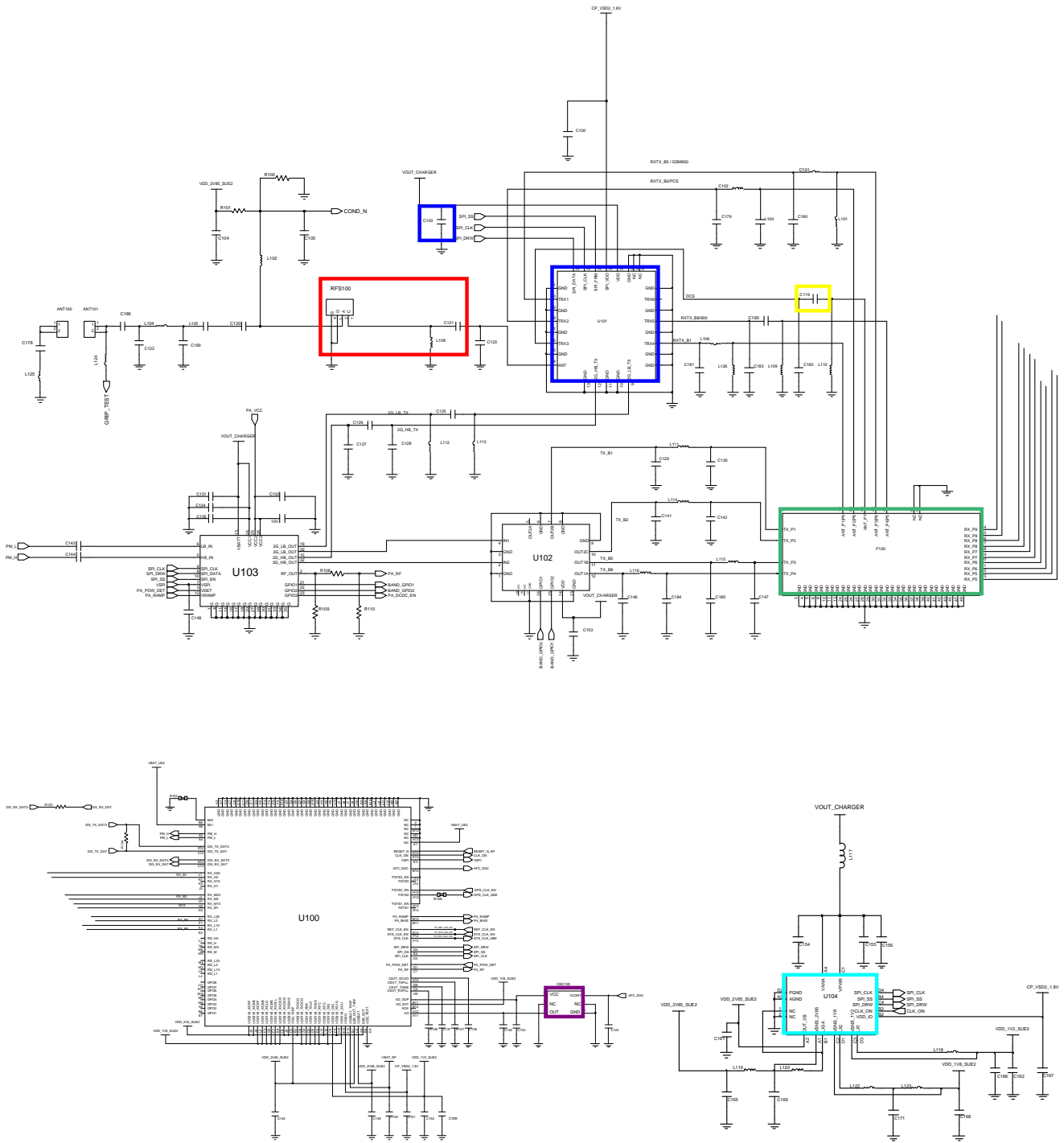


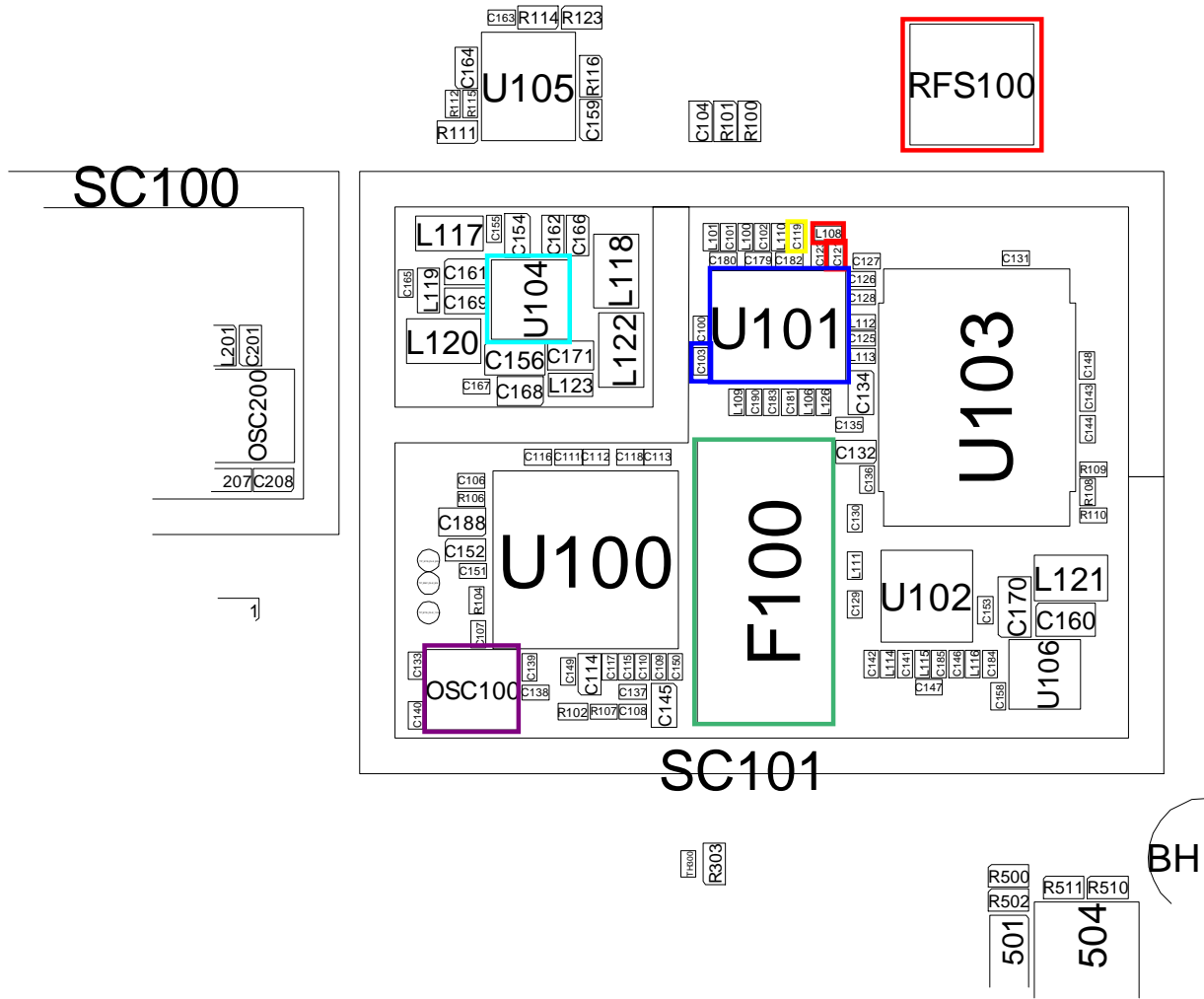


8-3-16. GSM1800 RX









8-3-17. GSM1900/ WCDMA Band2 RX

