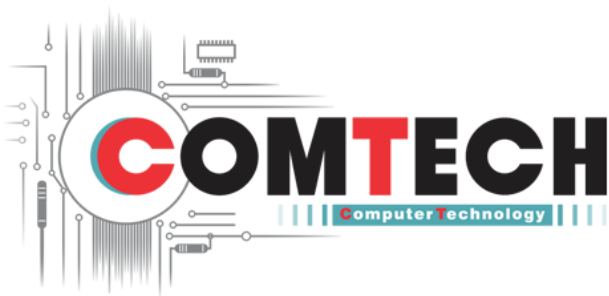
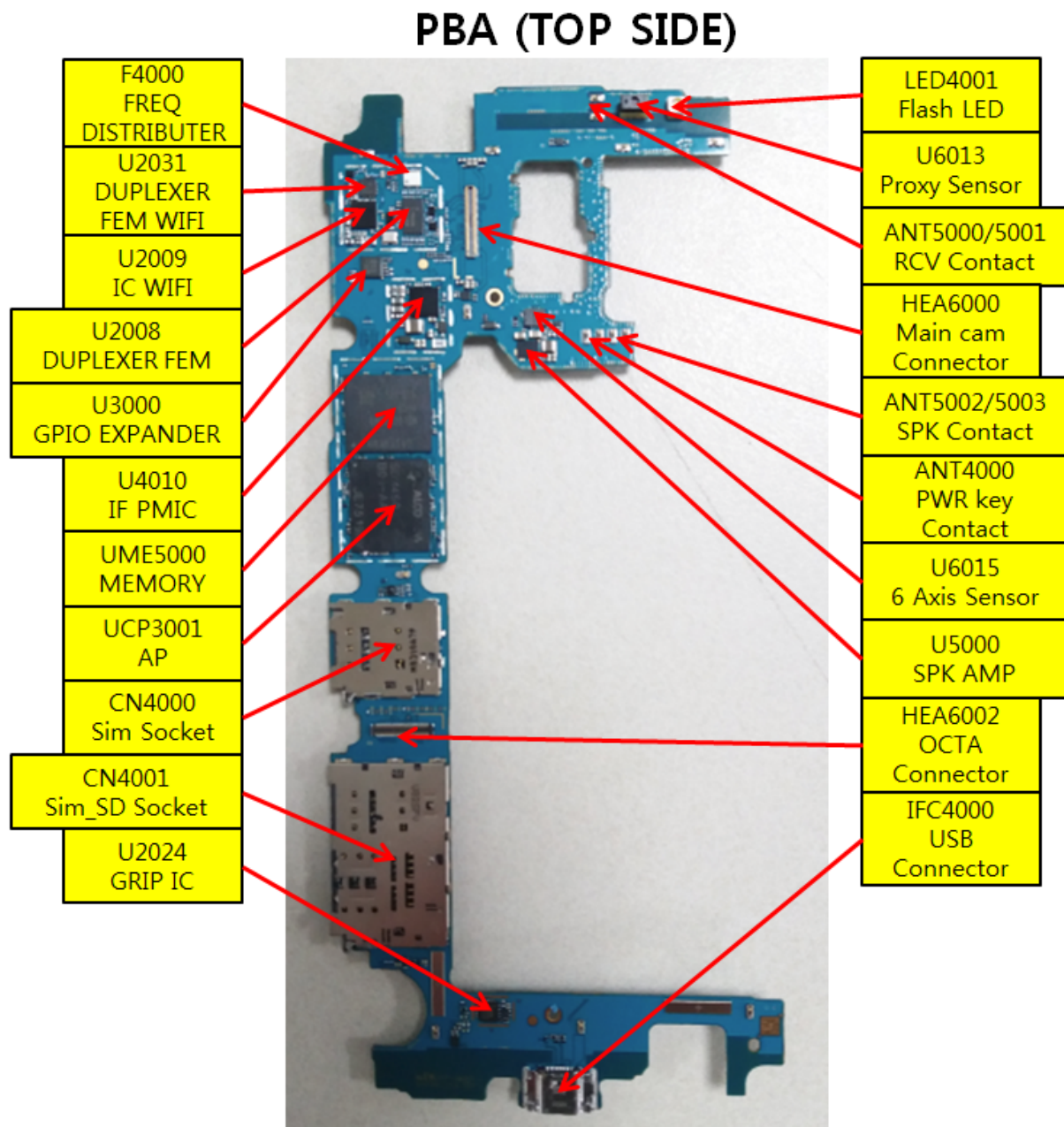


## 8. Level 3 Repair

### 8-1. Components Layout



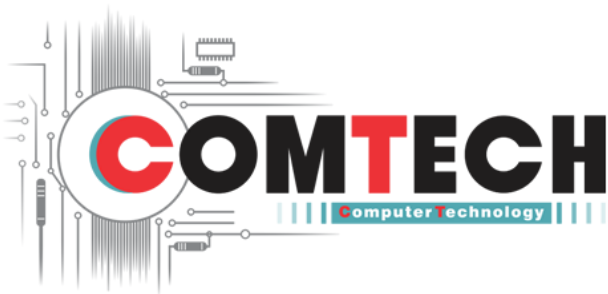
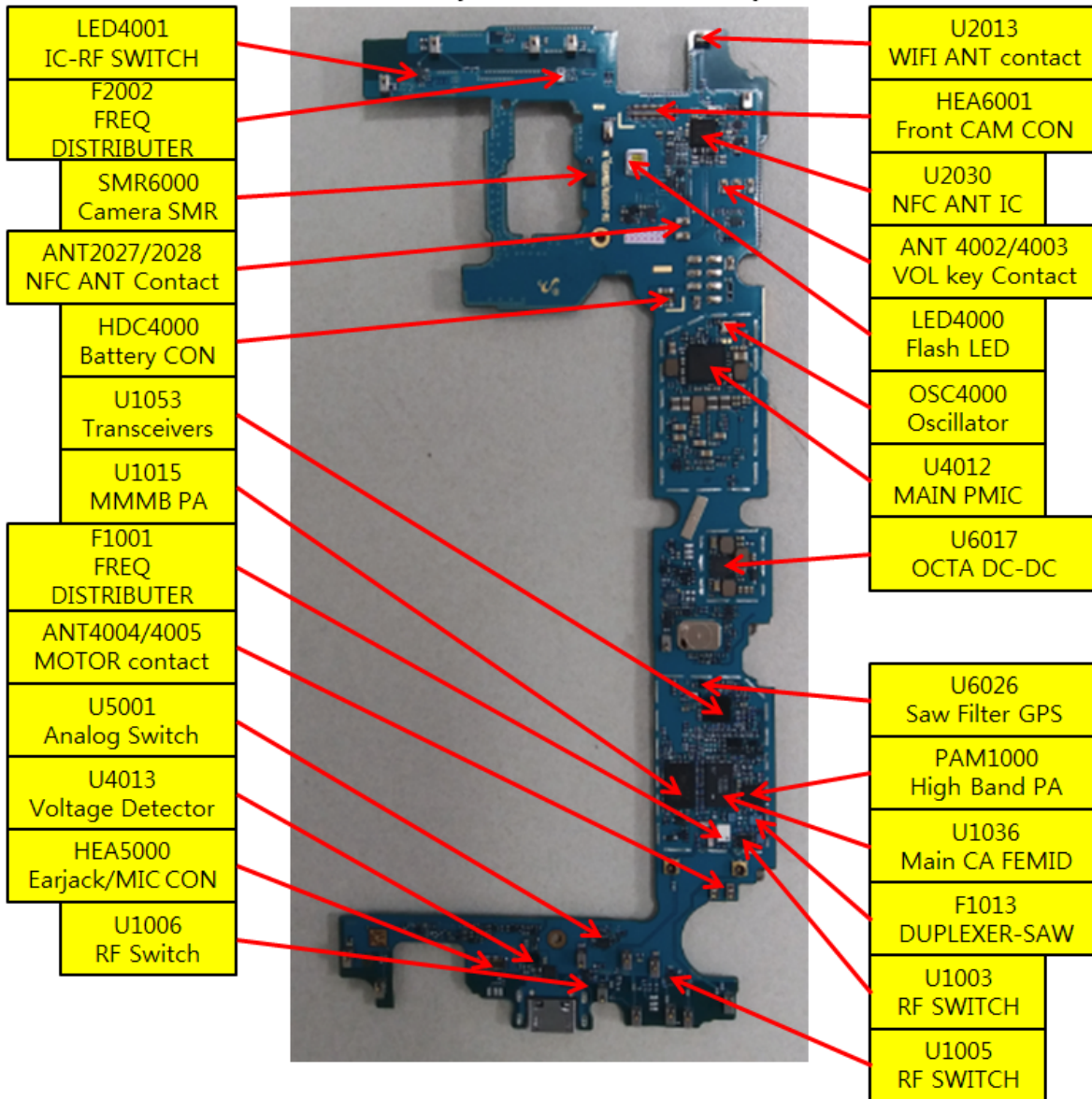
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## 8. Level 3 Repair

### PBA (BOTTOM SIDE)



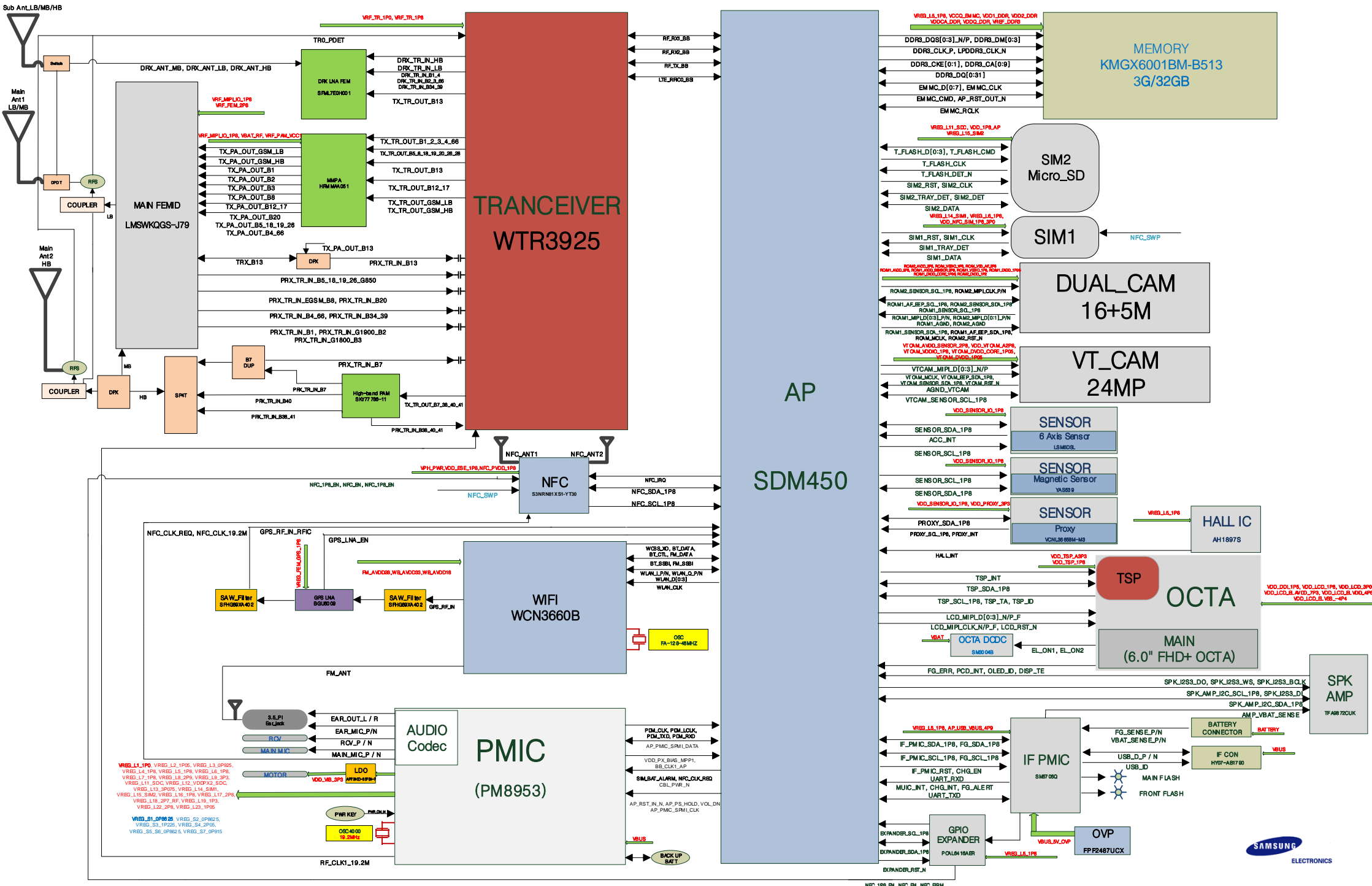
[tamiraat.com](http://tamiraat.com) منبع مقاله

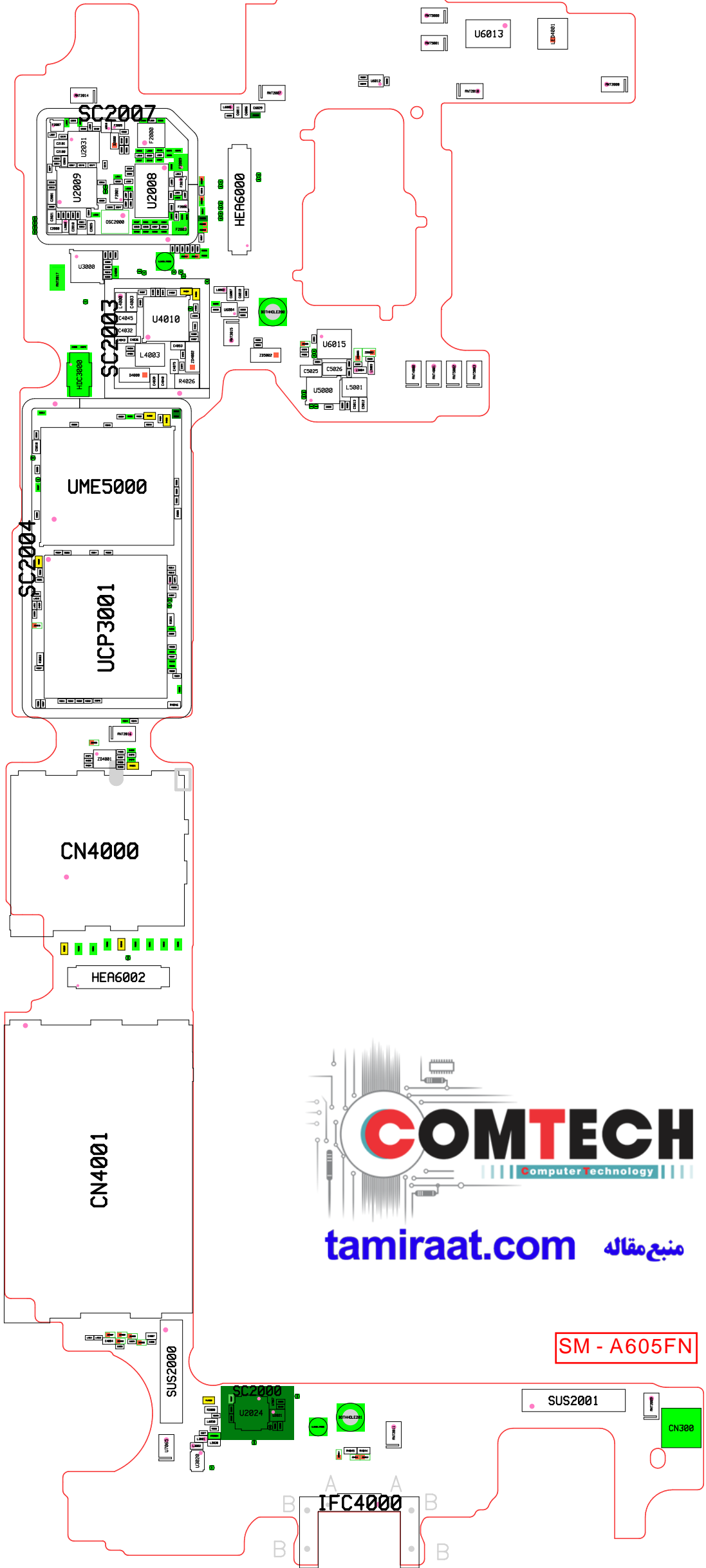
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# A6+ Block Diagram

SM - A605FN/F/GN  
Common

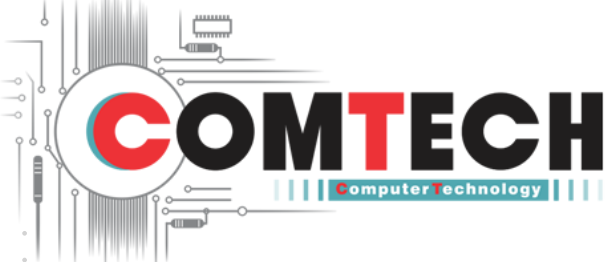




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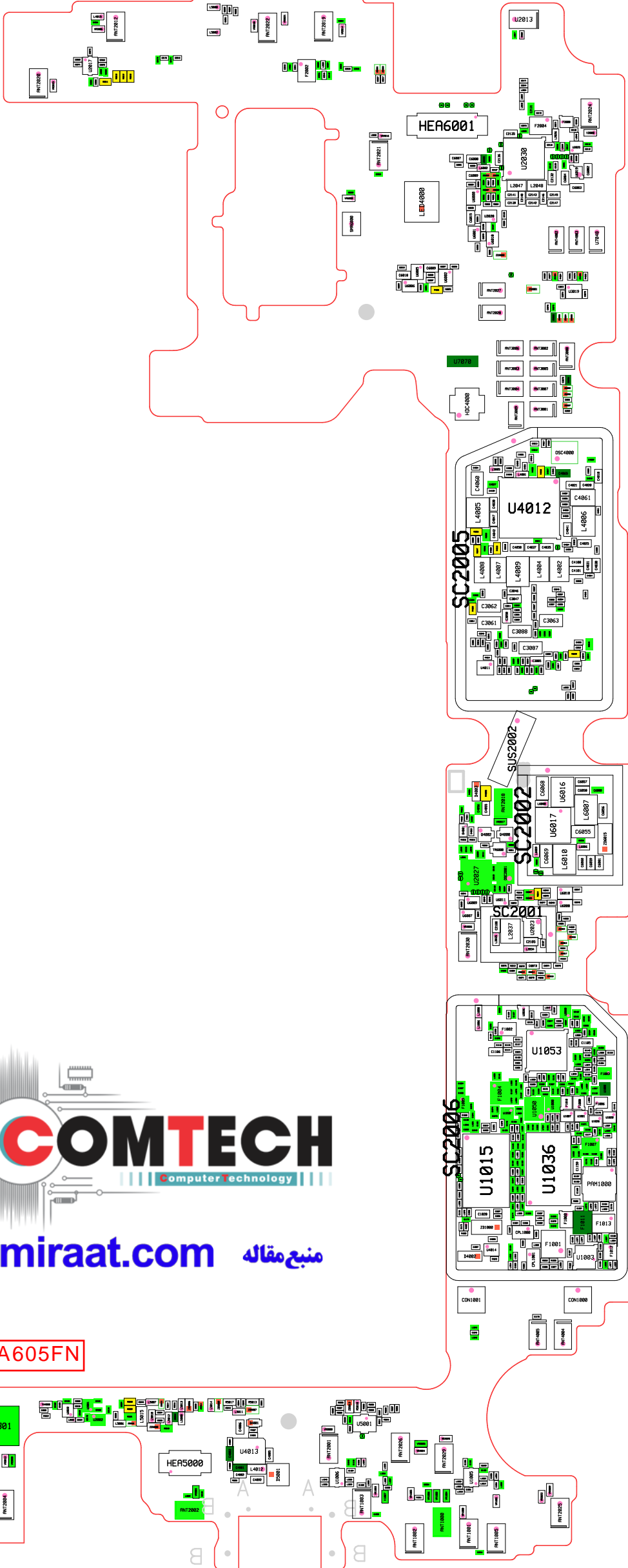
SM - A605FN

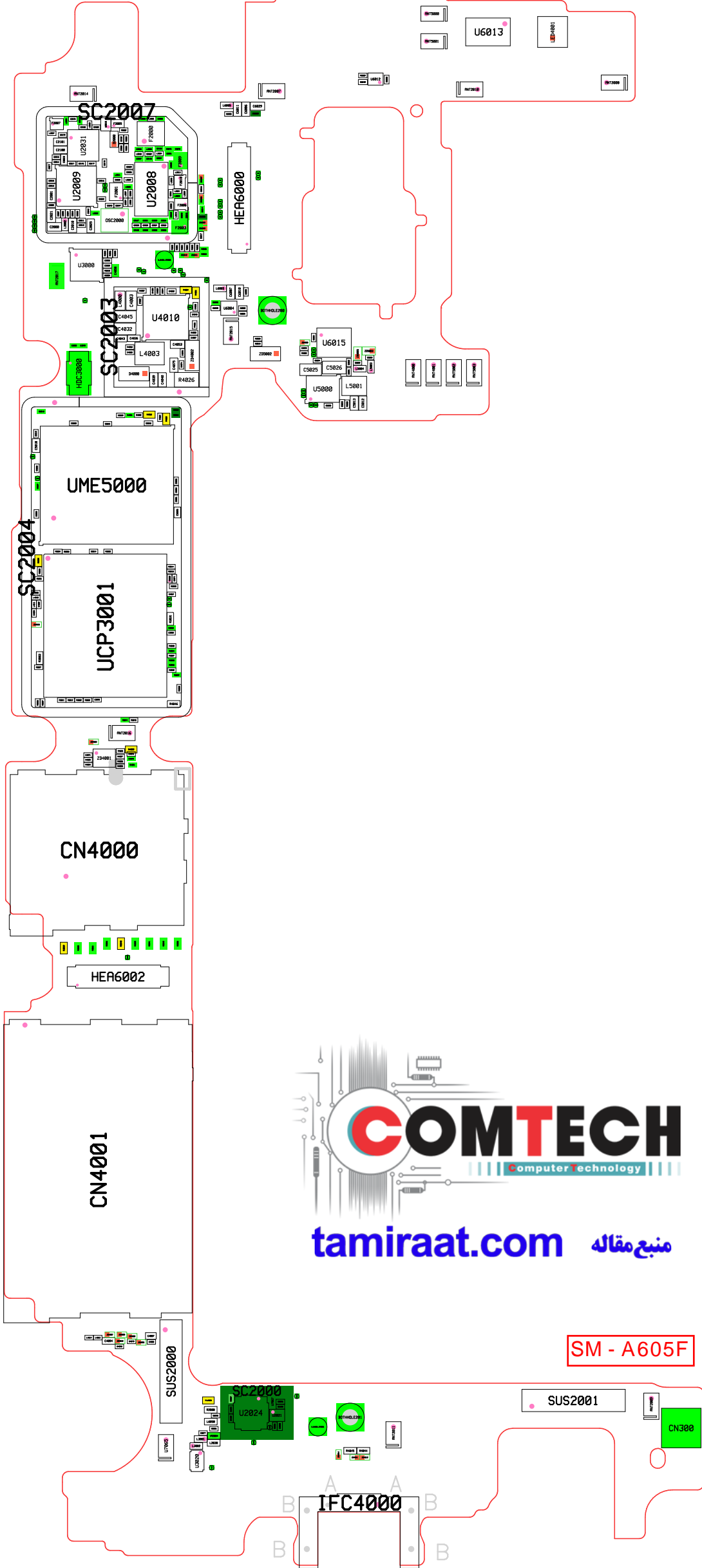




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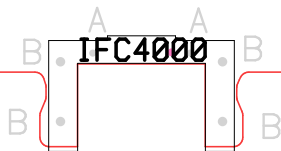
SM - A605FN



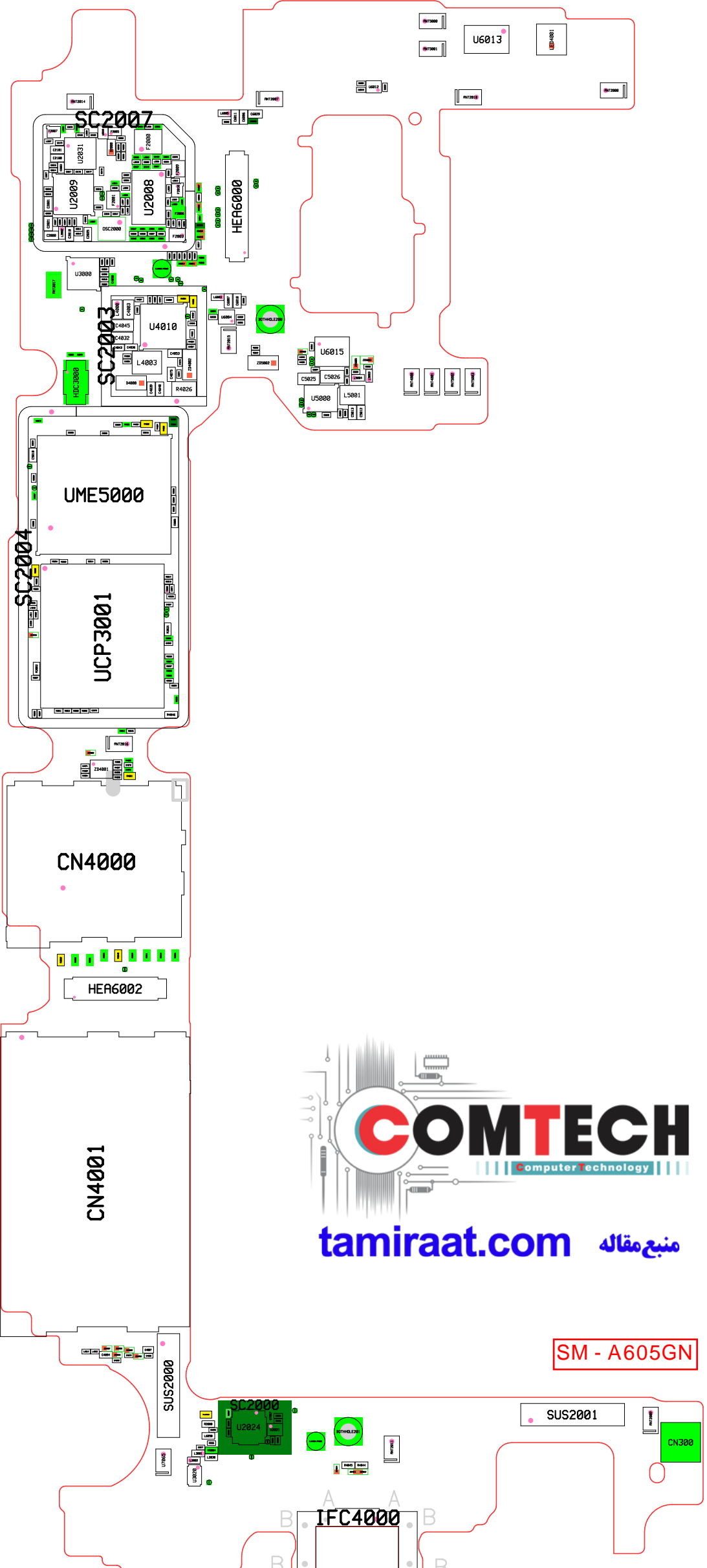


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SM - A605F

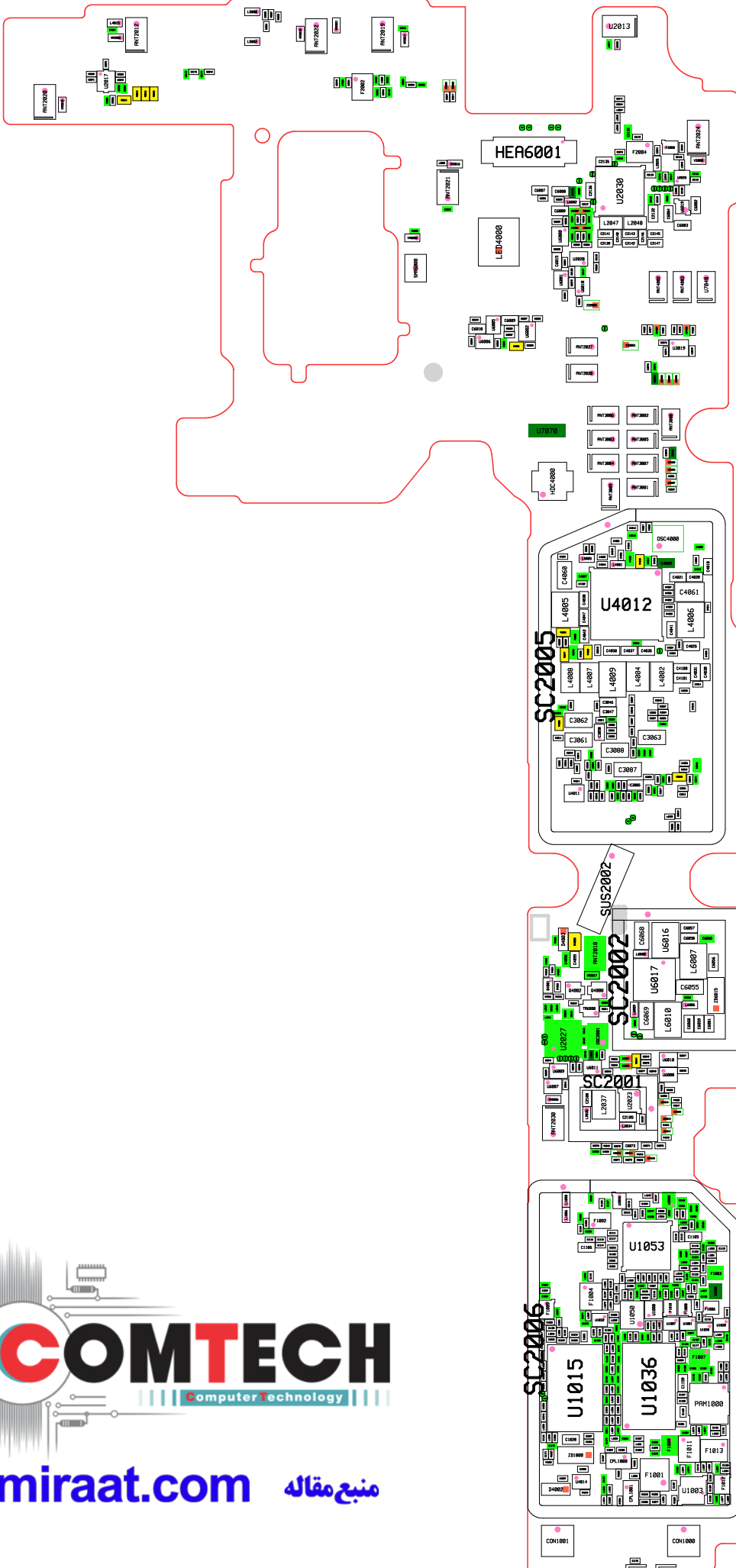






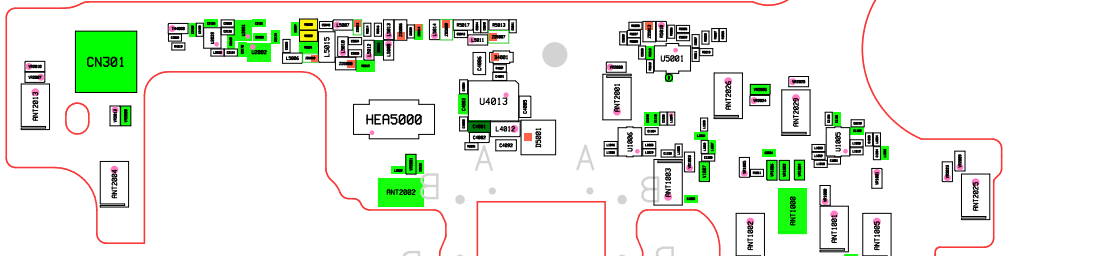
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SM - A605GN



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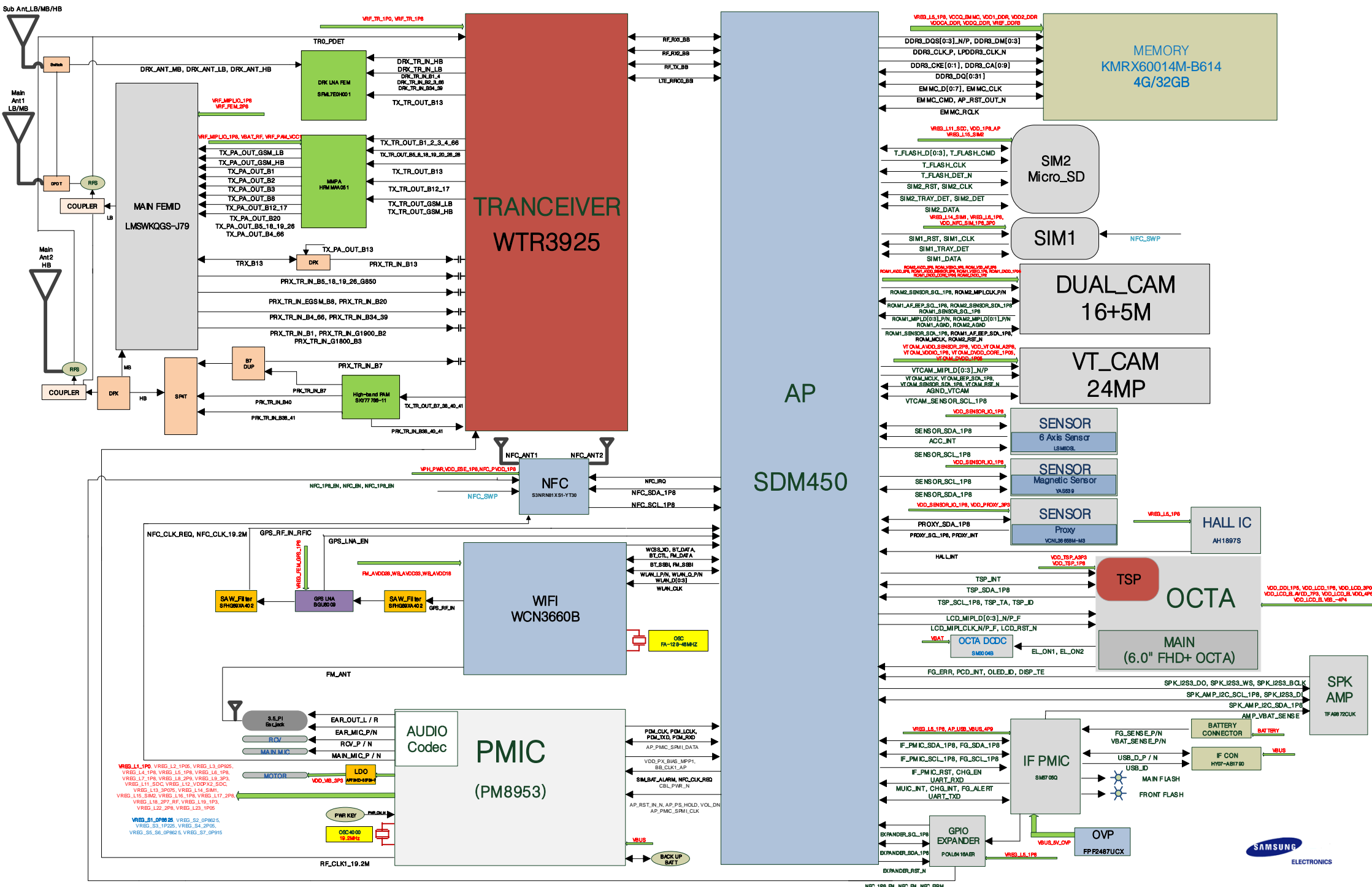
SM - A605GN



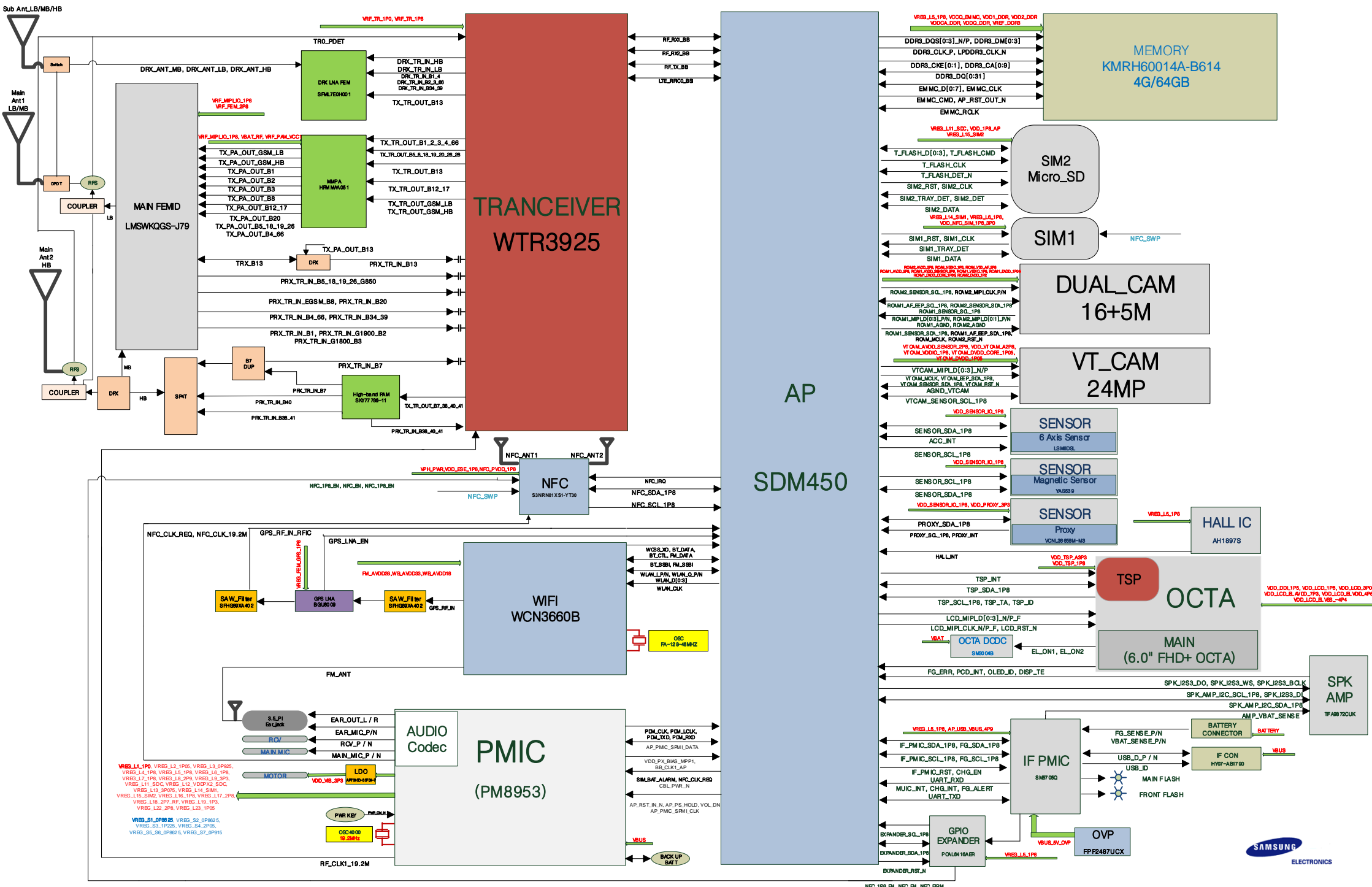


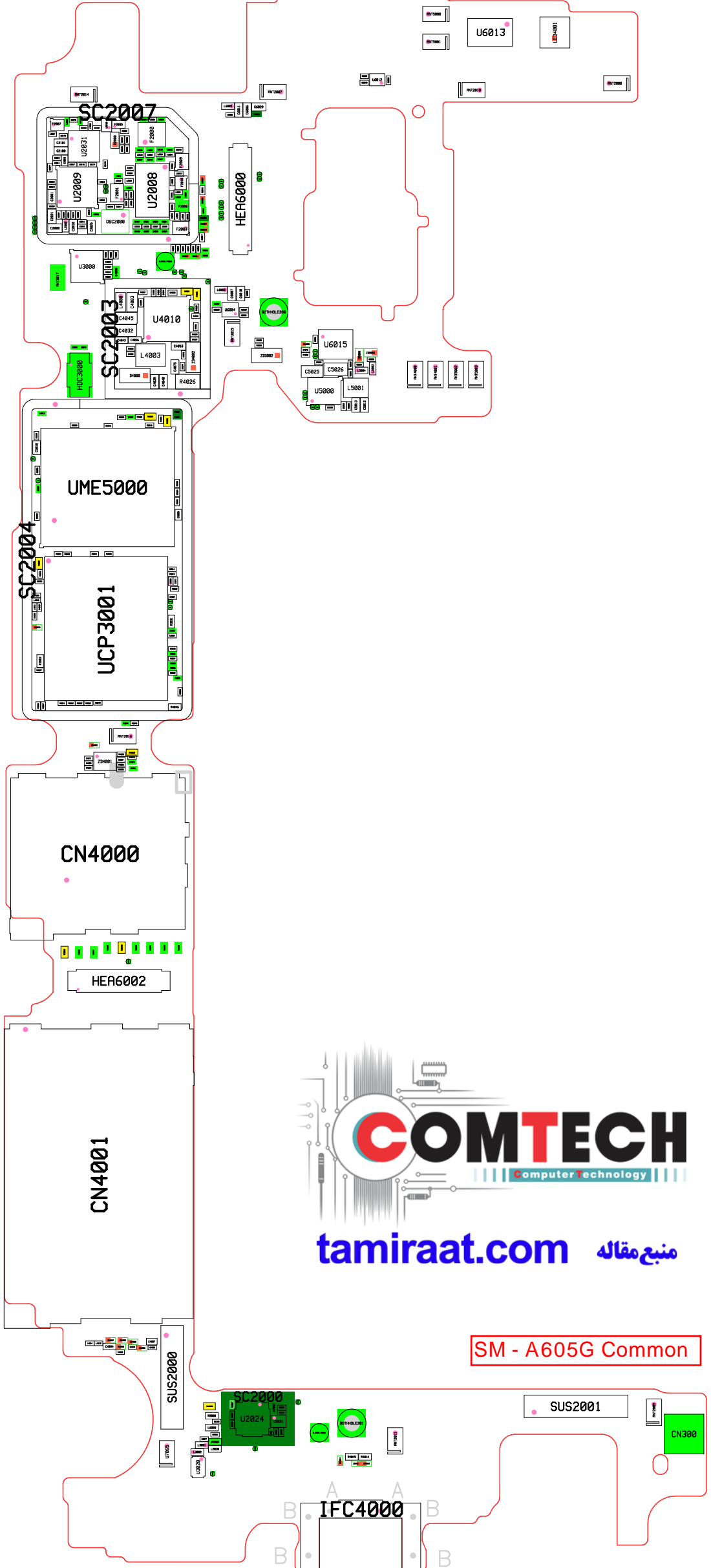
# A6+ Block Diagram

SM - A605G\_SEA



# A6+ Block Diagram SM - A605G\_SWA

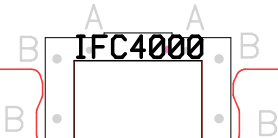


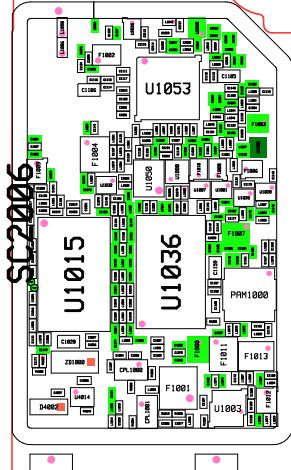
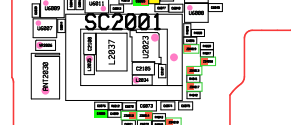
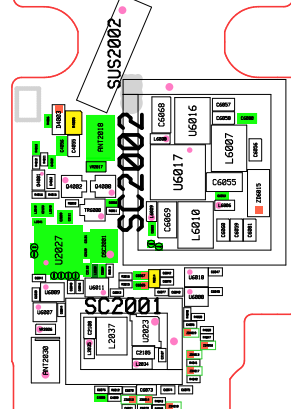
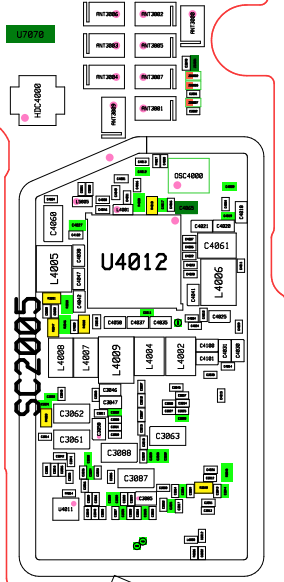
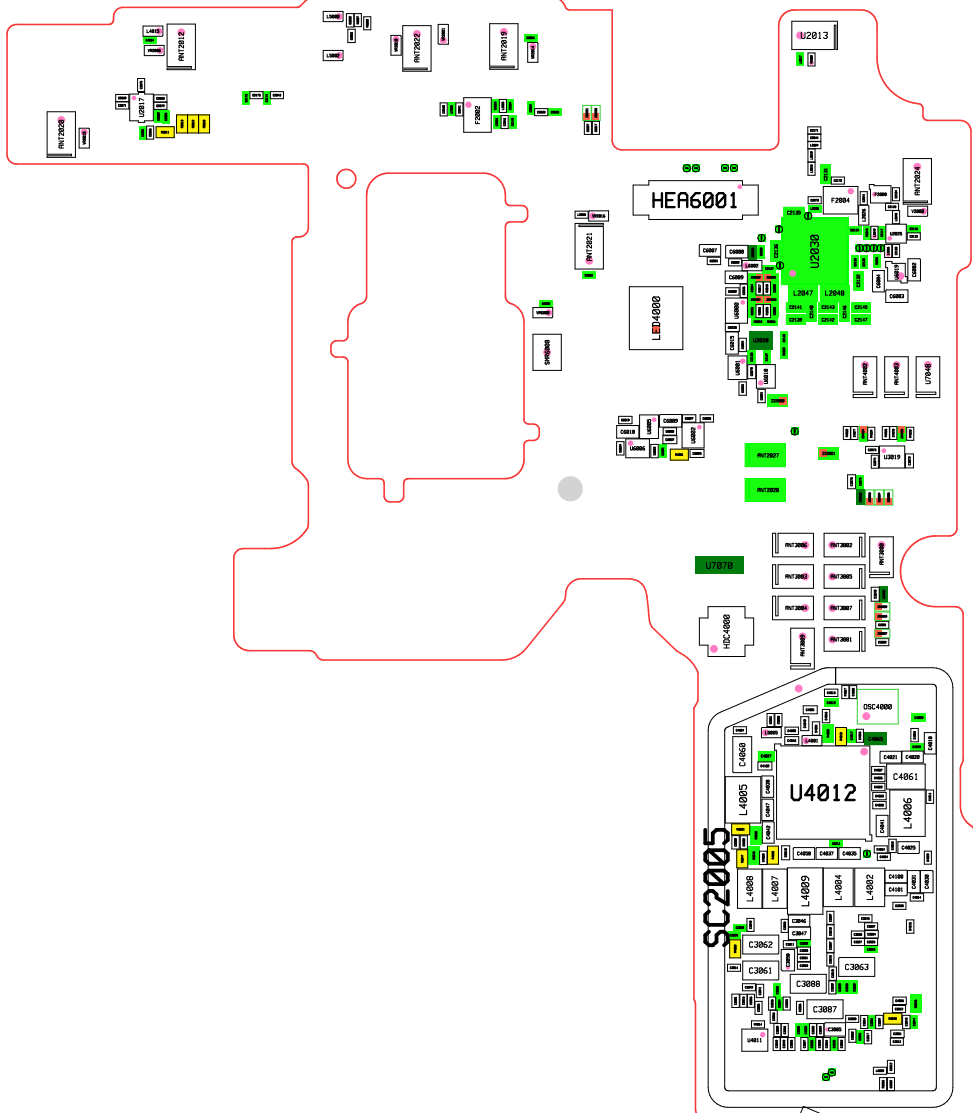


SM - A605G Common



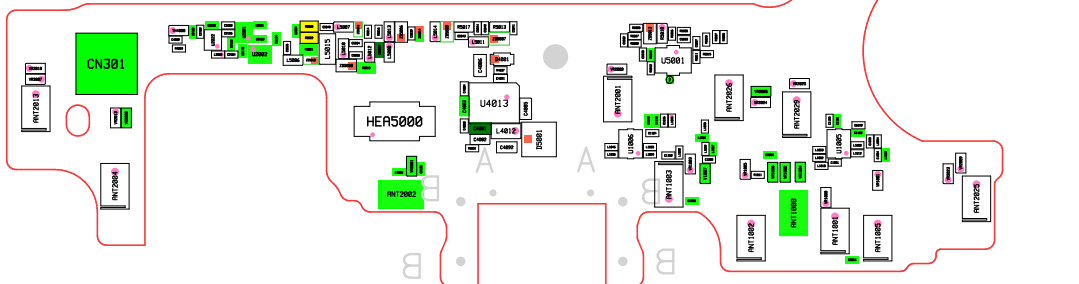
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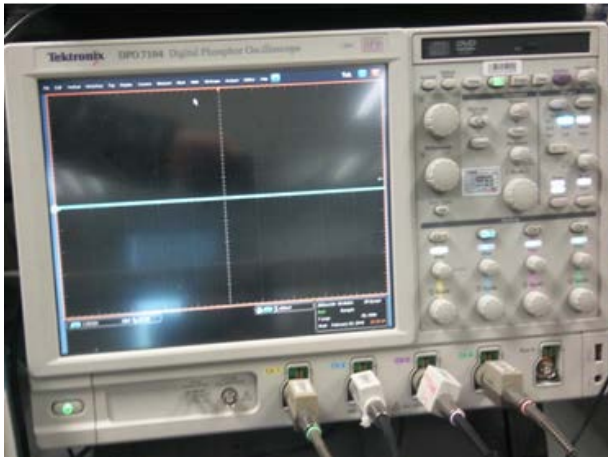
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SM - A605G Common



## 8. Level 3 Repair

### 8-3. Flow chart of Troubleshooting.



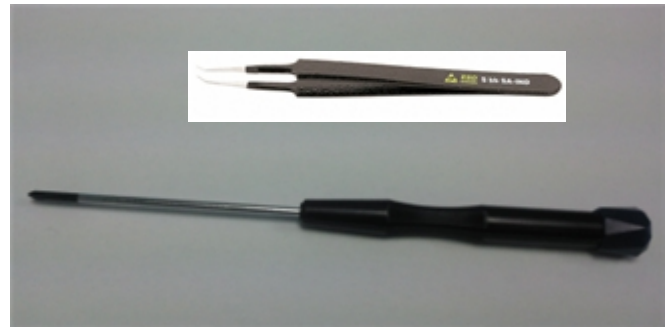
**Oscilloscope**



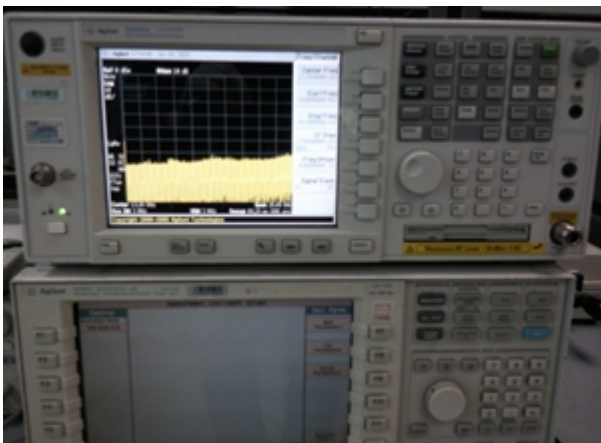
**Digital Multimeter**



**Power Supply**



**+ driver, ESD Safe Tweezer**



**8960 & Spectrum Analyzer**



**Soldering iron**

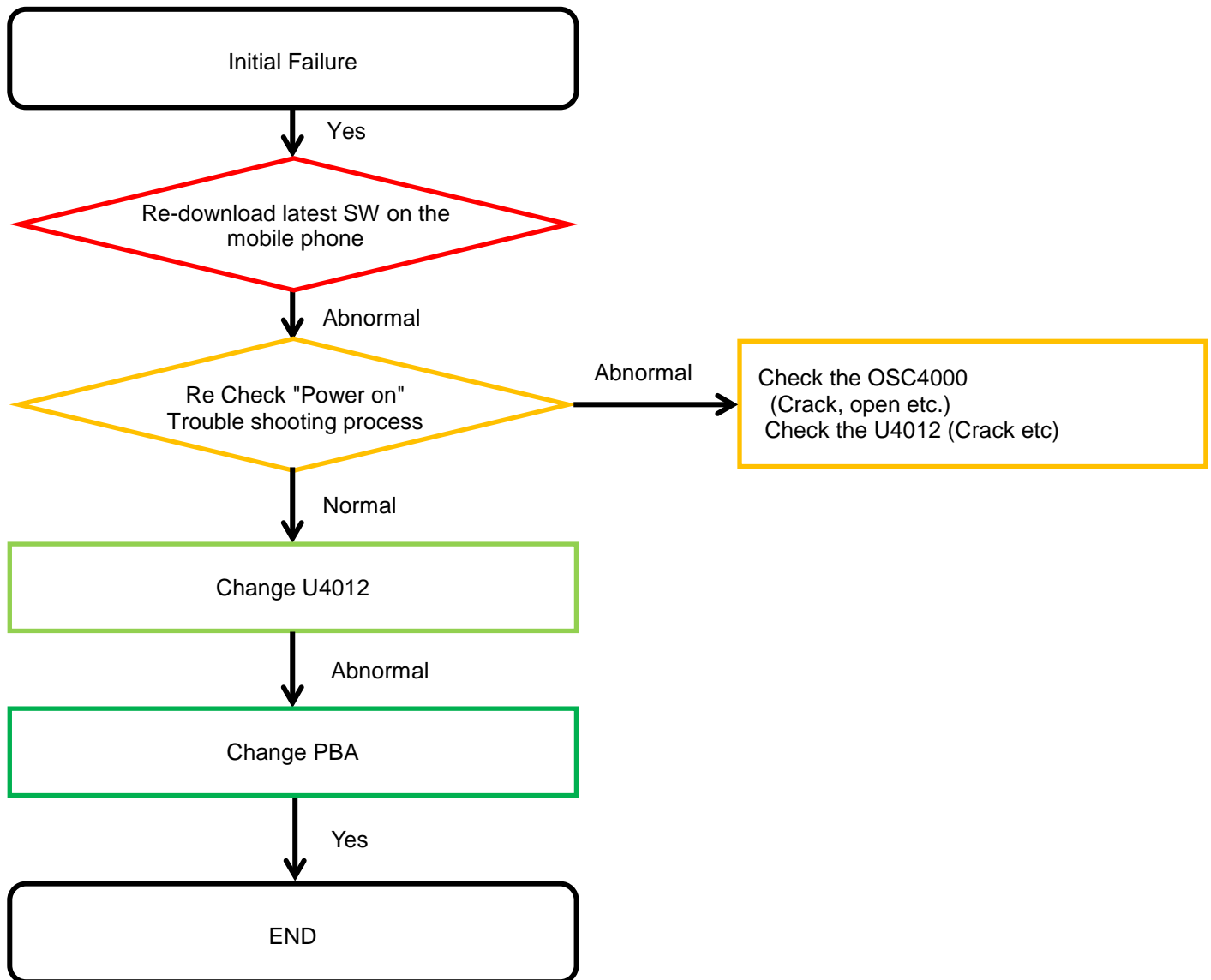


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## 8. Level 3 Repair

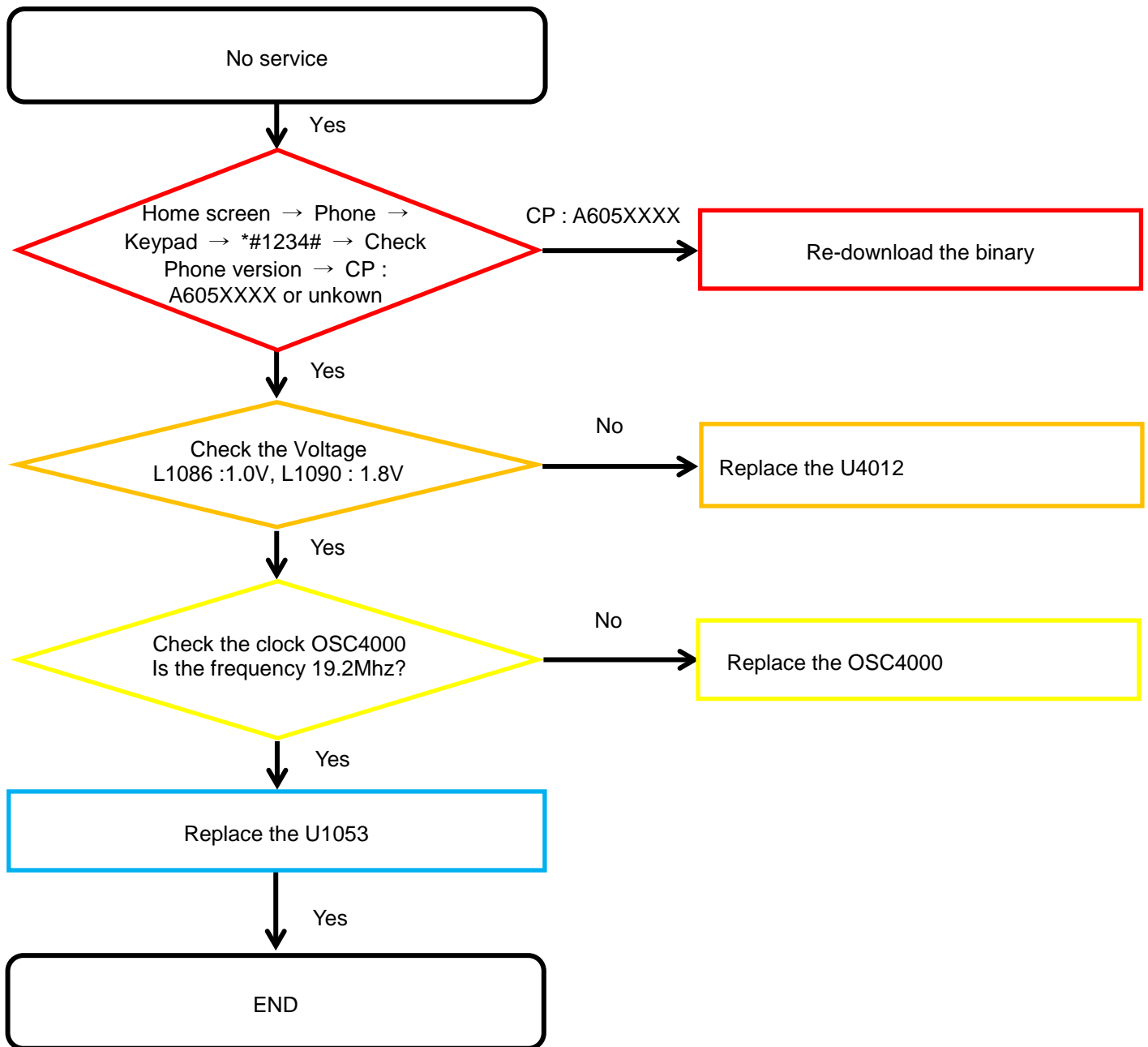
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### 8-4-1. Initial



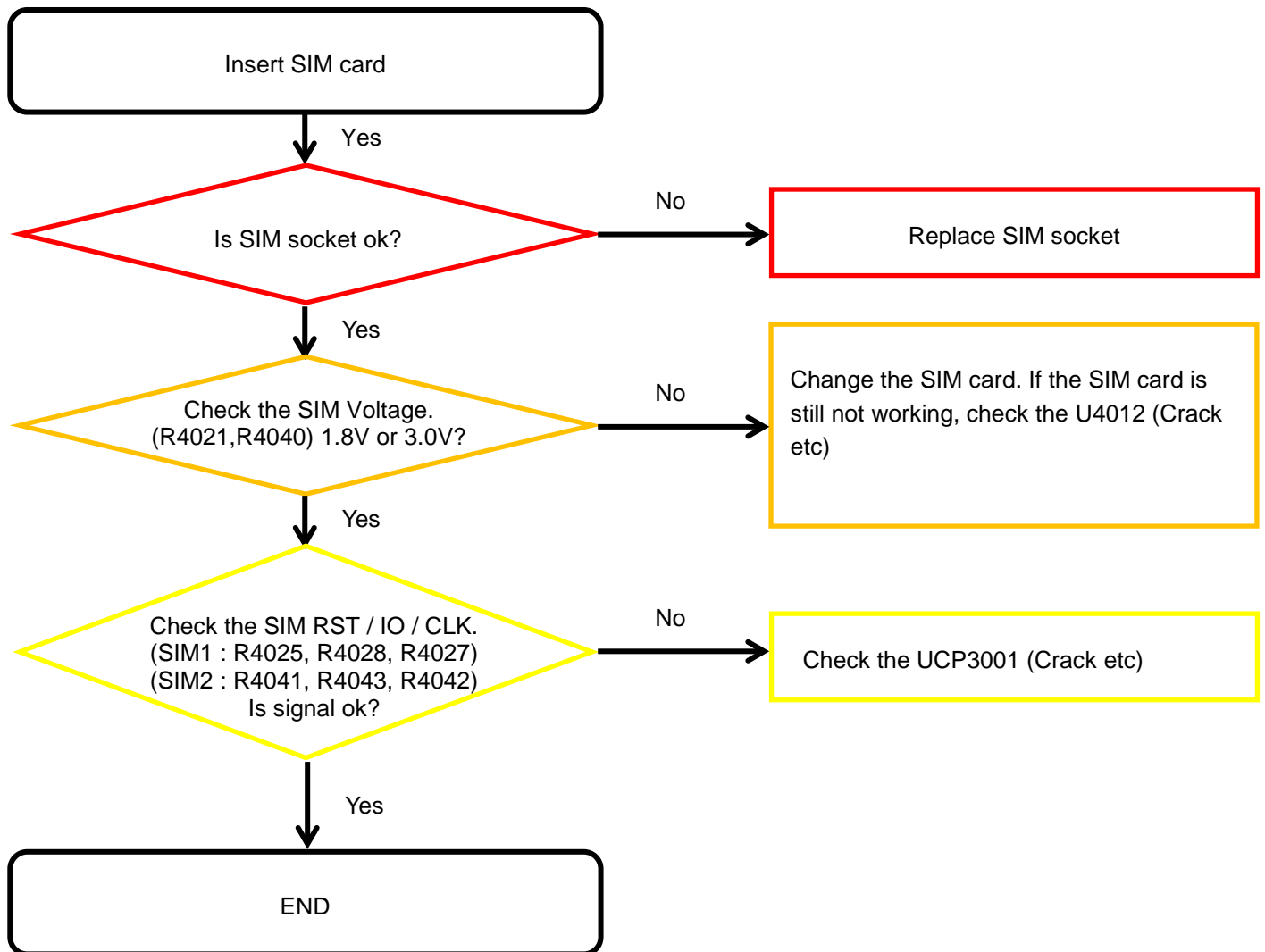
## 8. Level 3 Repair

### 8-4-2. No Service



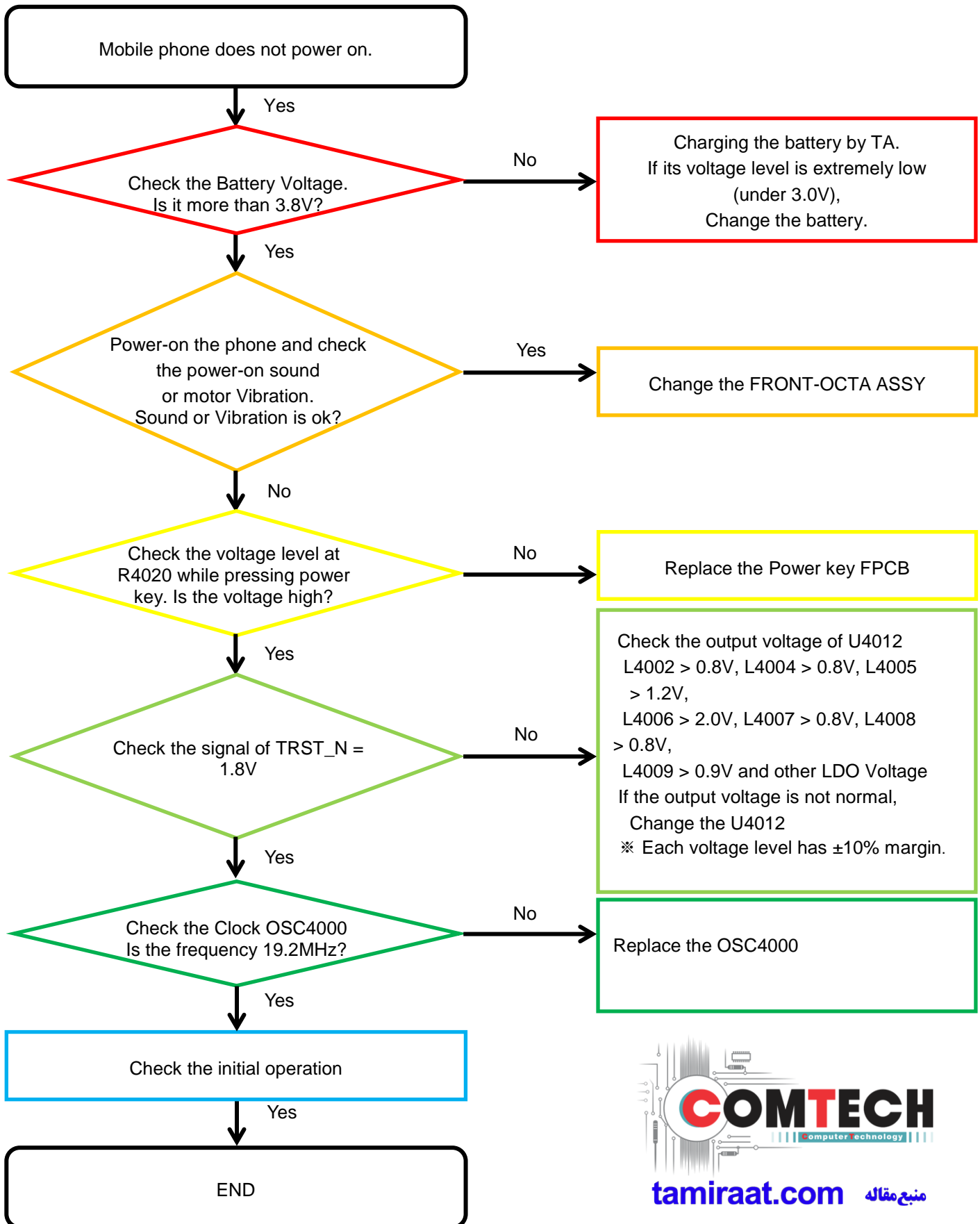
## 8. Level 3 Repair

### 8-4-3. SIM Part



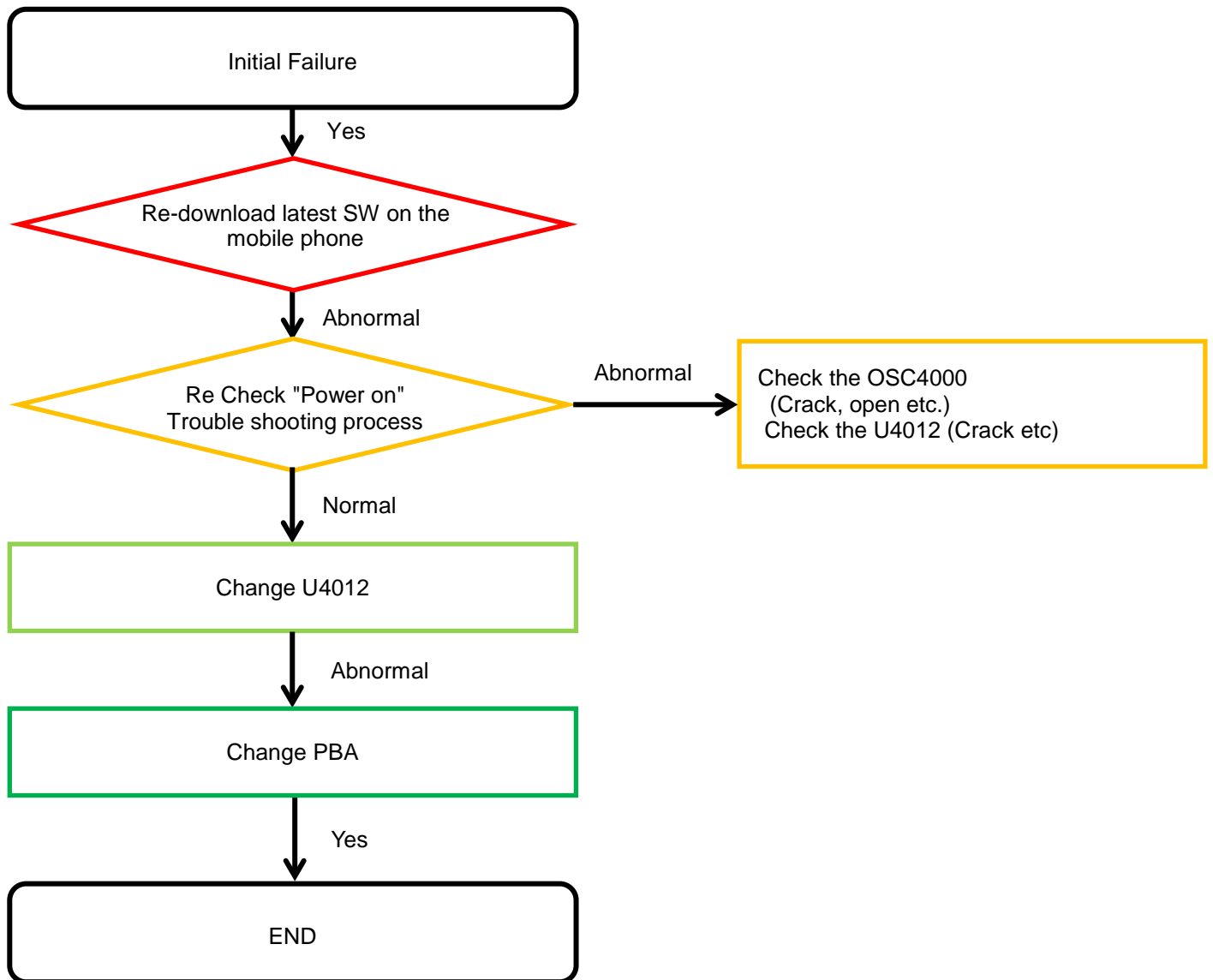
## 8. Level 3 Repair

### 8-4-1. Power On



## 8. Level 3 Repair

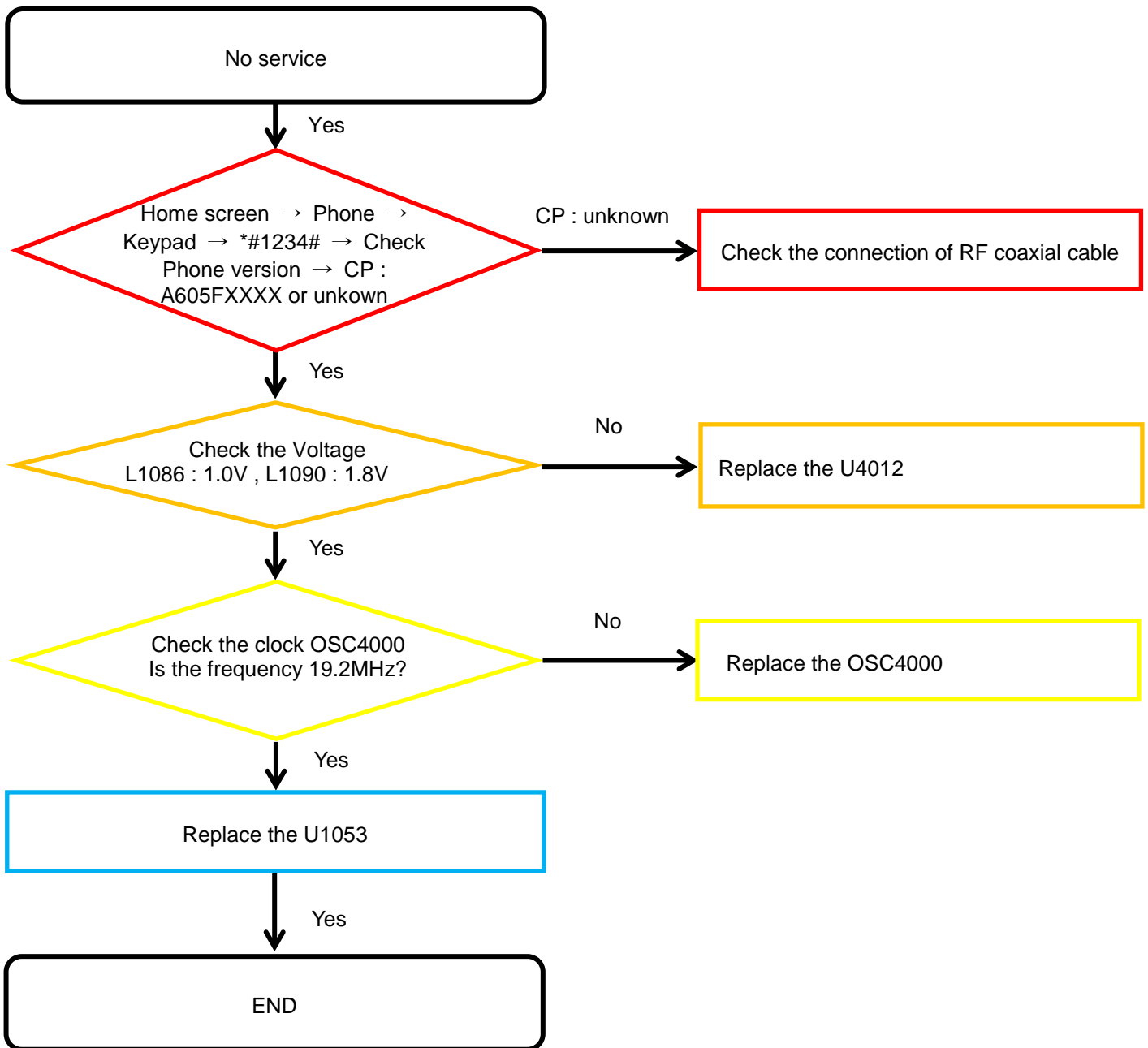
### 8-4-2. Initial





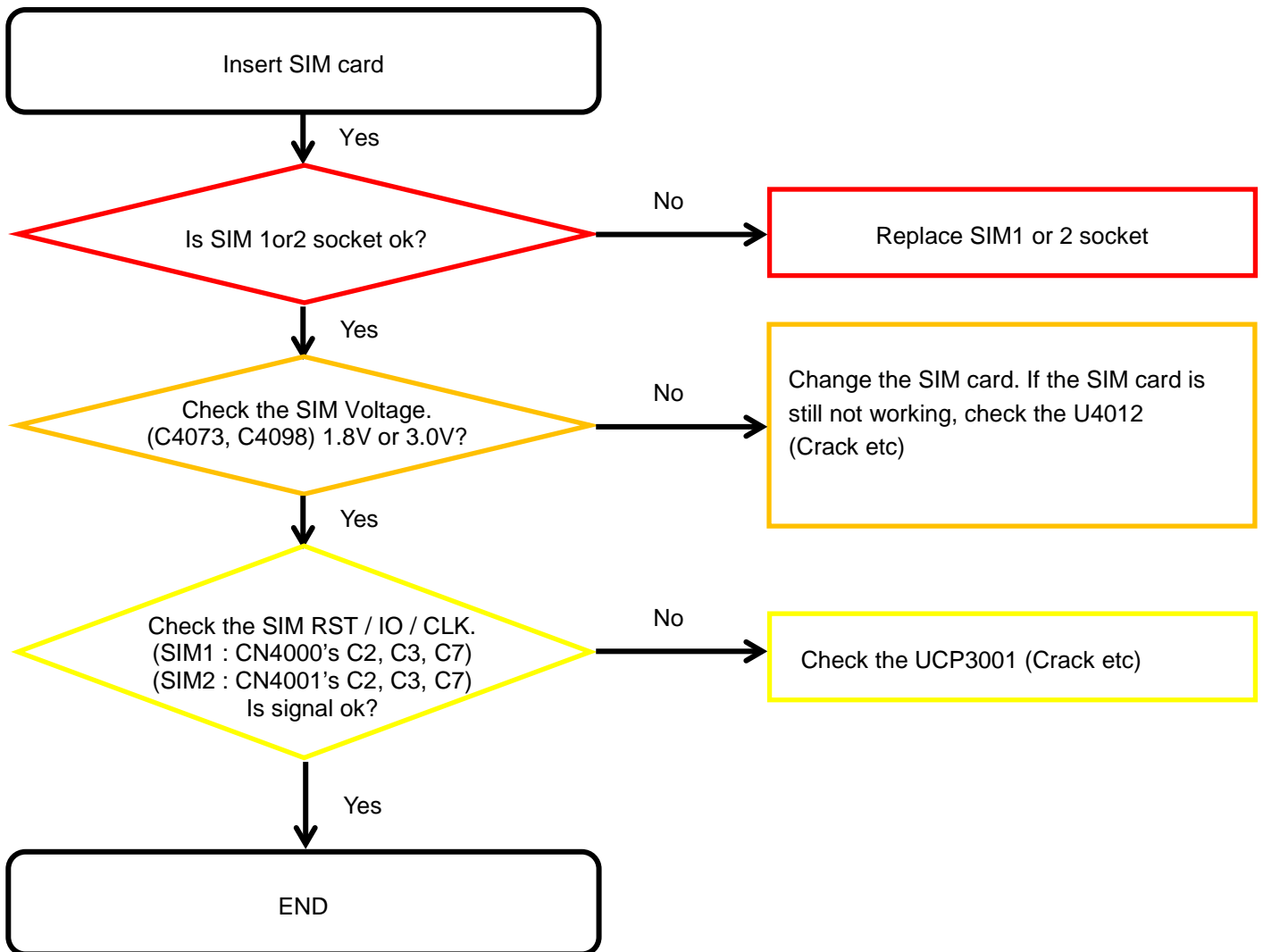
## 8. Level 3 Repair

### 8-4-3. No Service



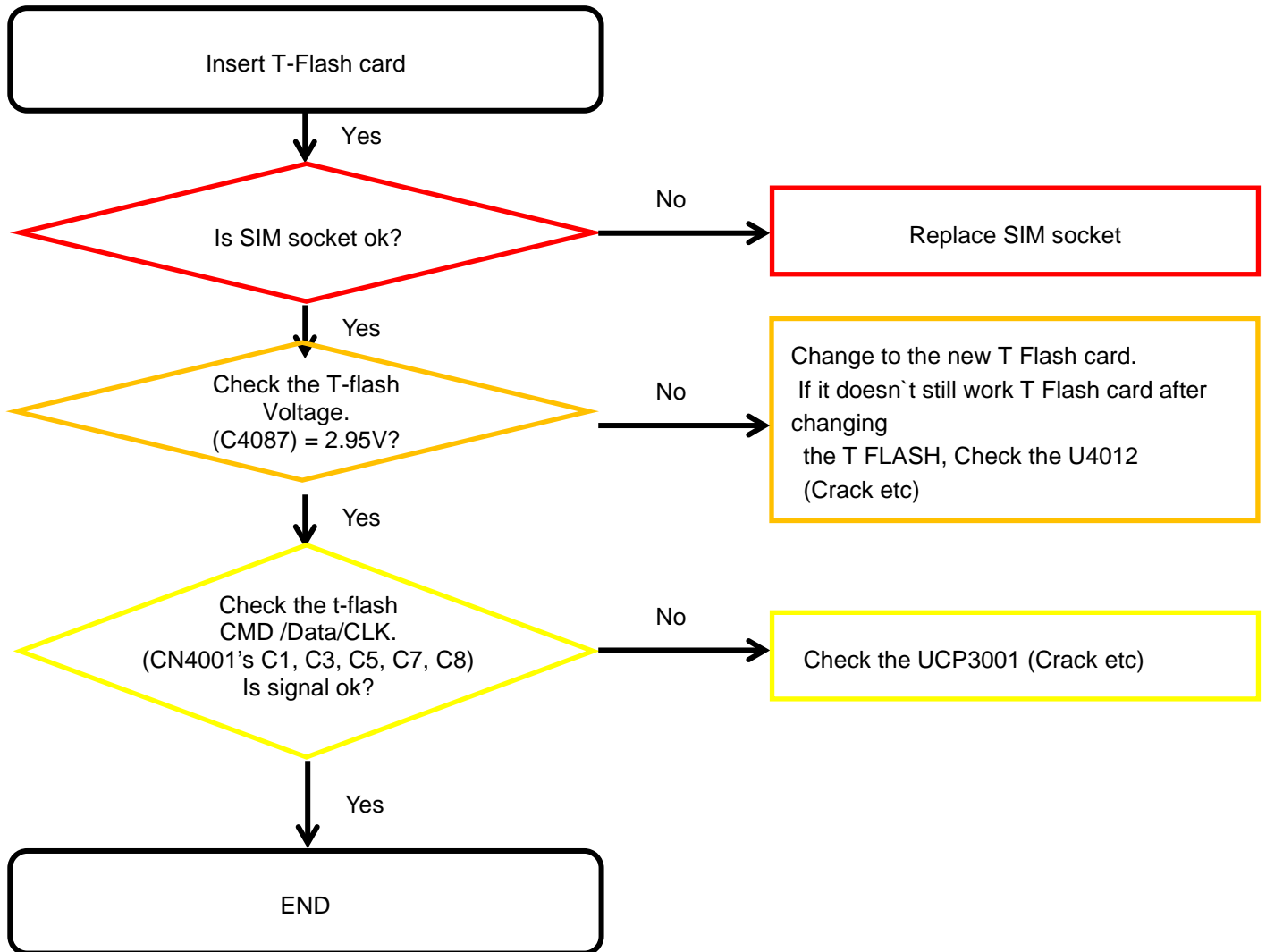
## 8. Level 3 Repair

### 8-4-4. SIM Part



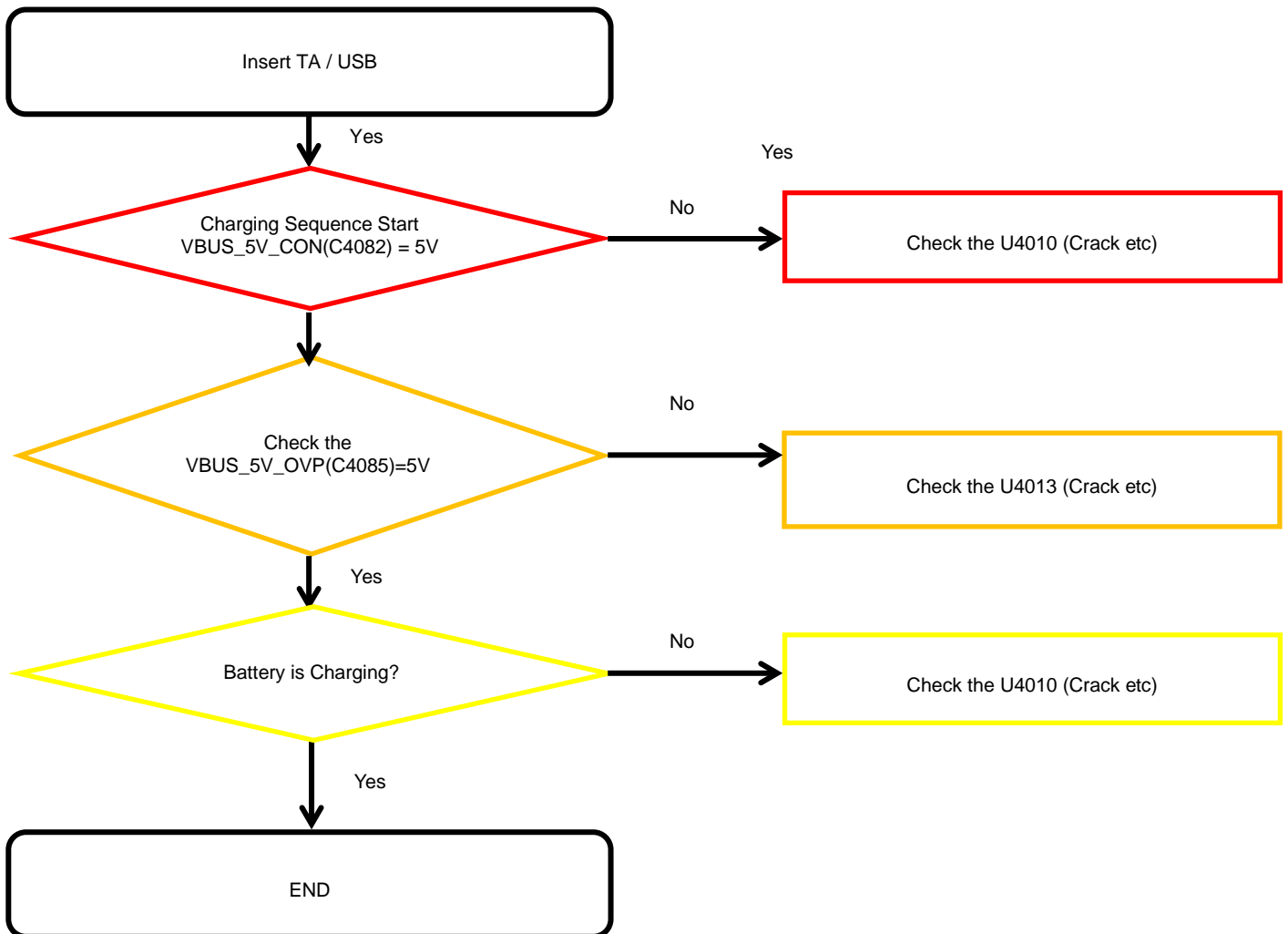
## 8. Level 3 Repair

### 8-4-5. T-Flash Part



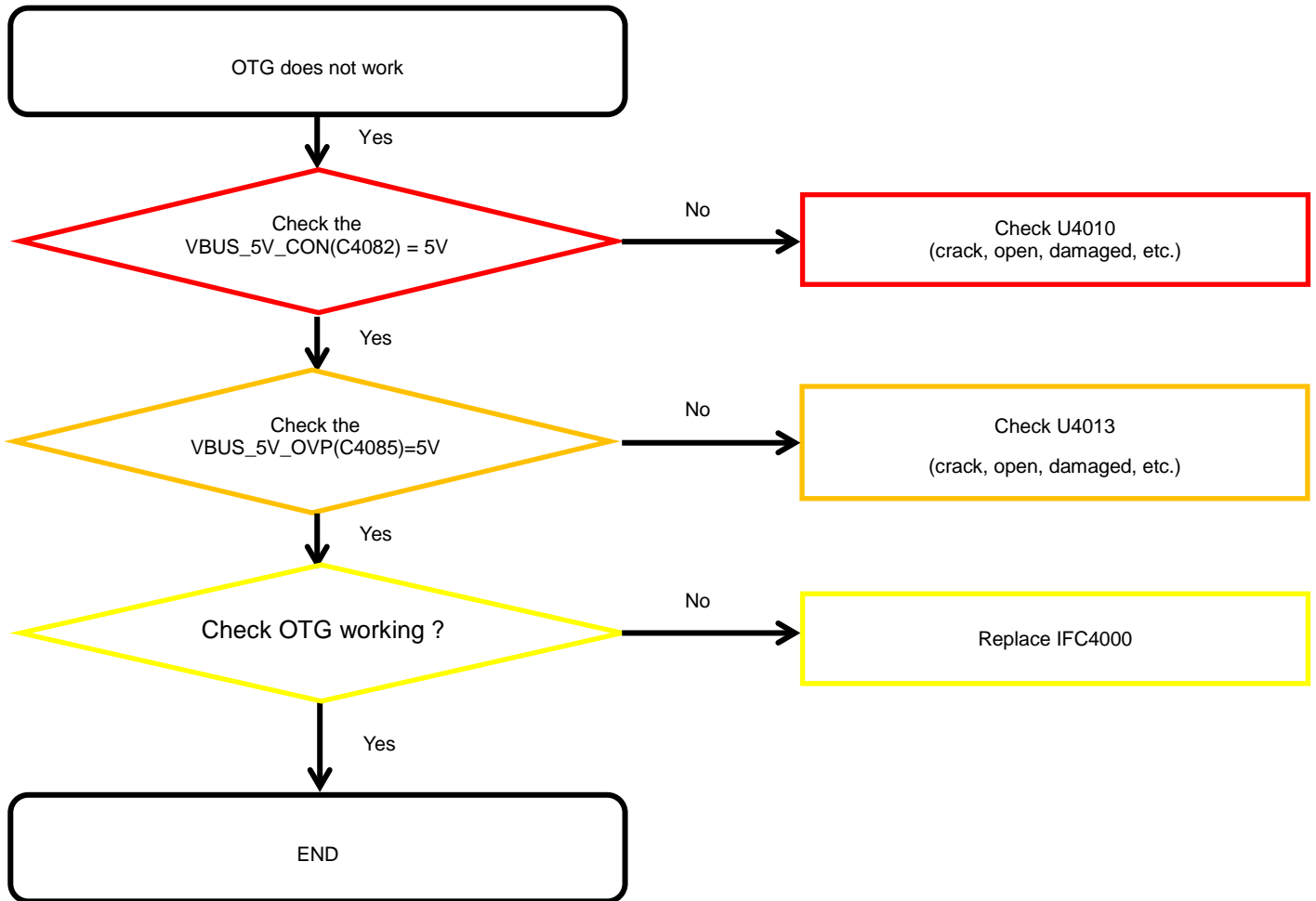
## 8. Level 3 Repair

### 8-4-6-1. Cable Charging Part (Normal)



## 8. Level 3 Repair

### 8-4-6-2. OTG



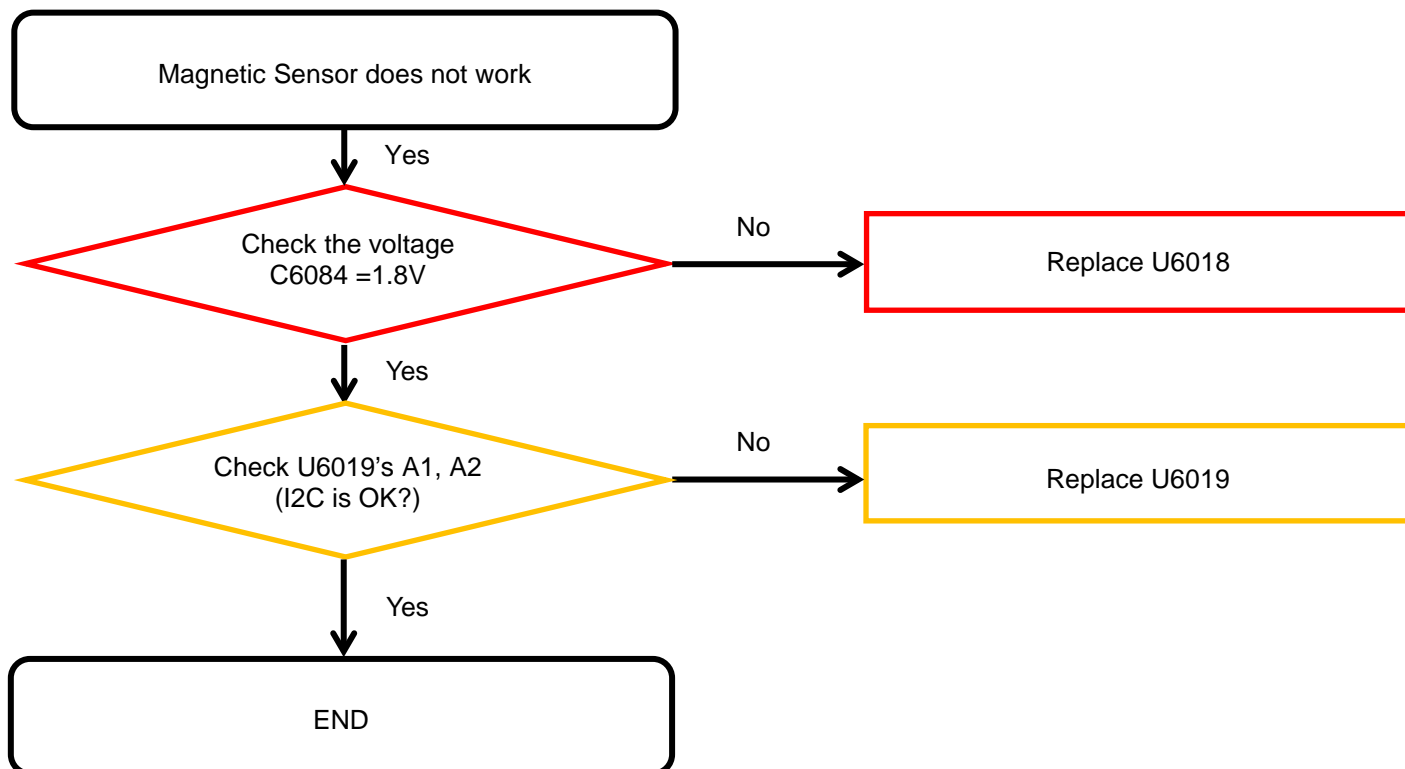


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## 8. Level 3 Repair

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### 8-4-7-1. Magnetic Sensor

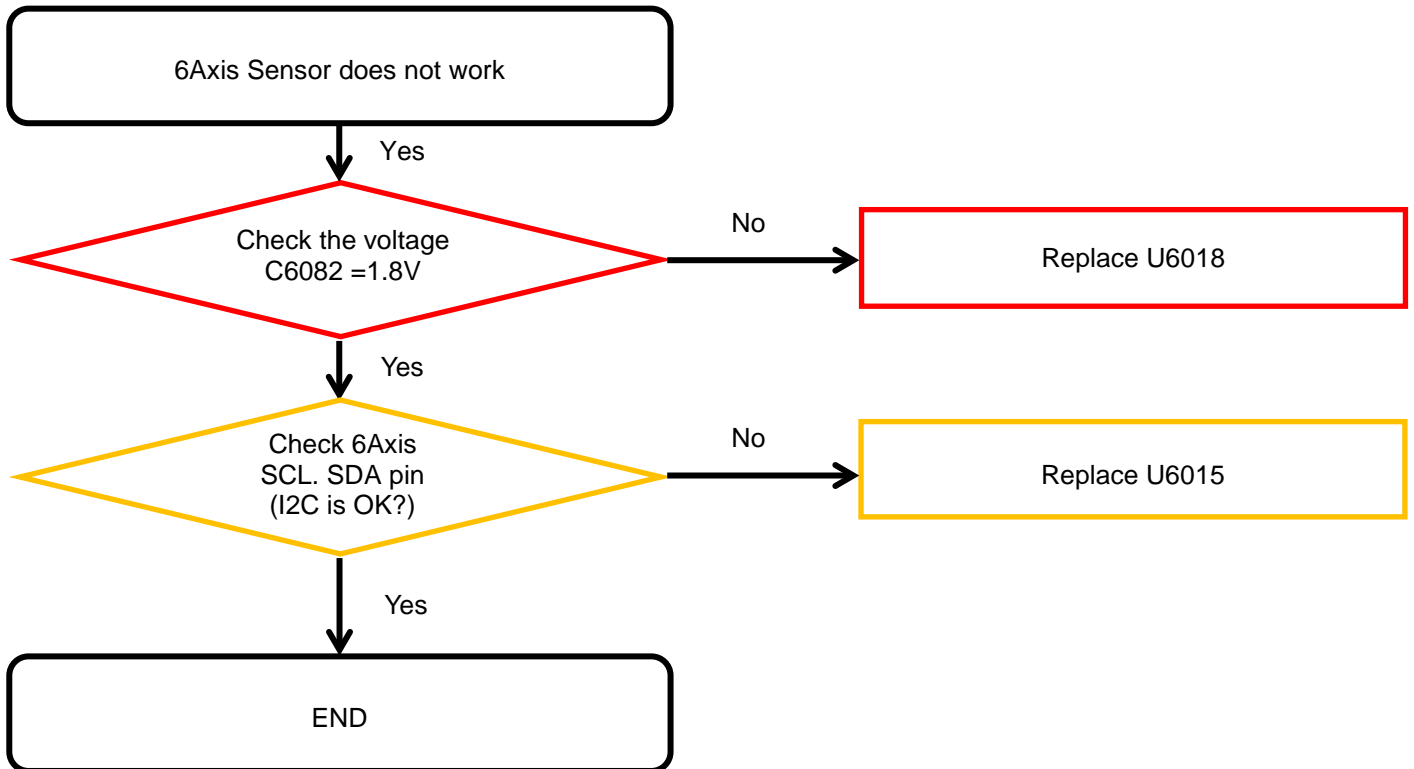


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## 8. Level 3 Repair

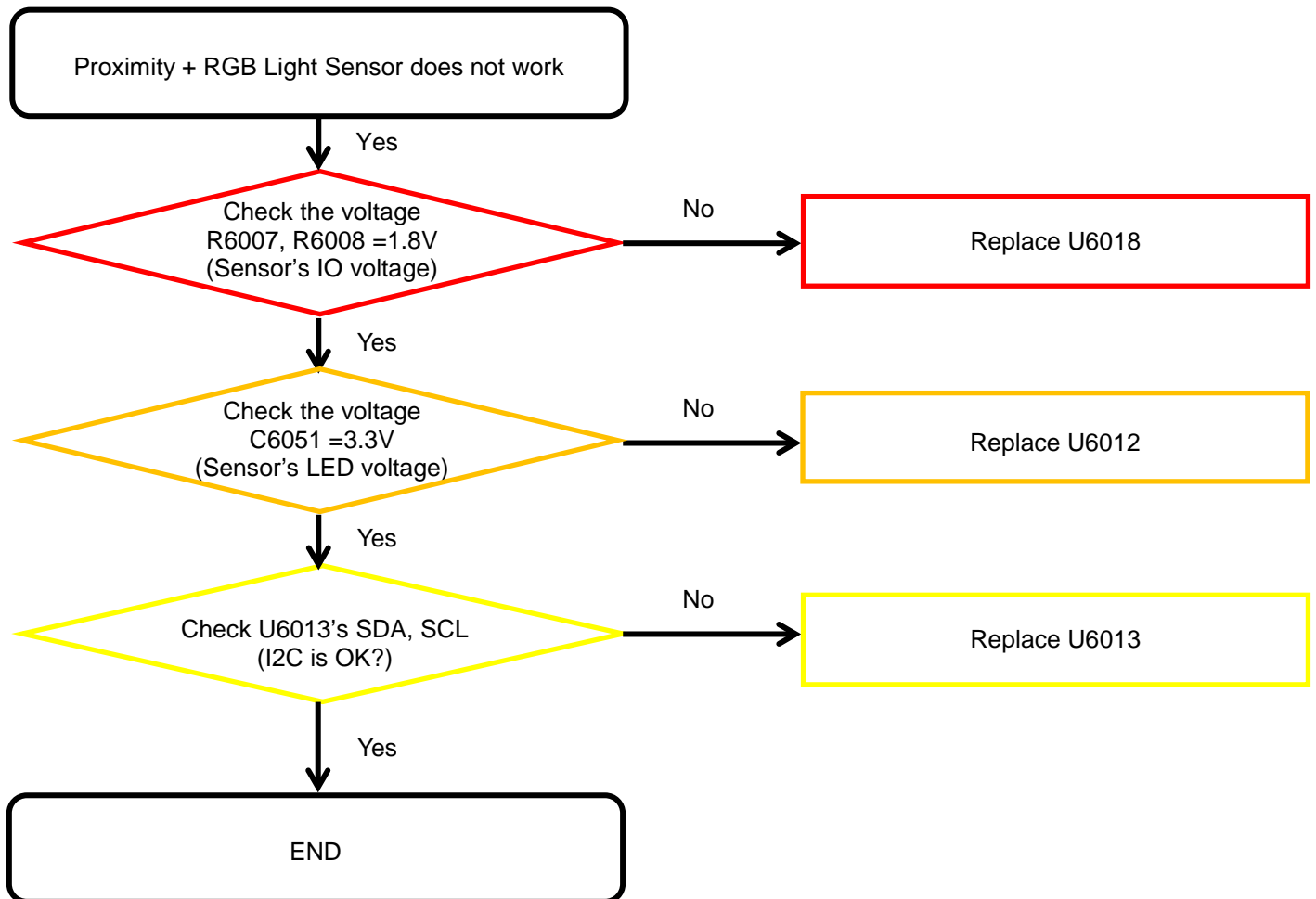
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### 8-4-7-2. 6Axis Sensor



## 8. Level 3 Repair

### 8-4-7-3. Proximity sensor

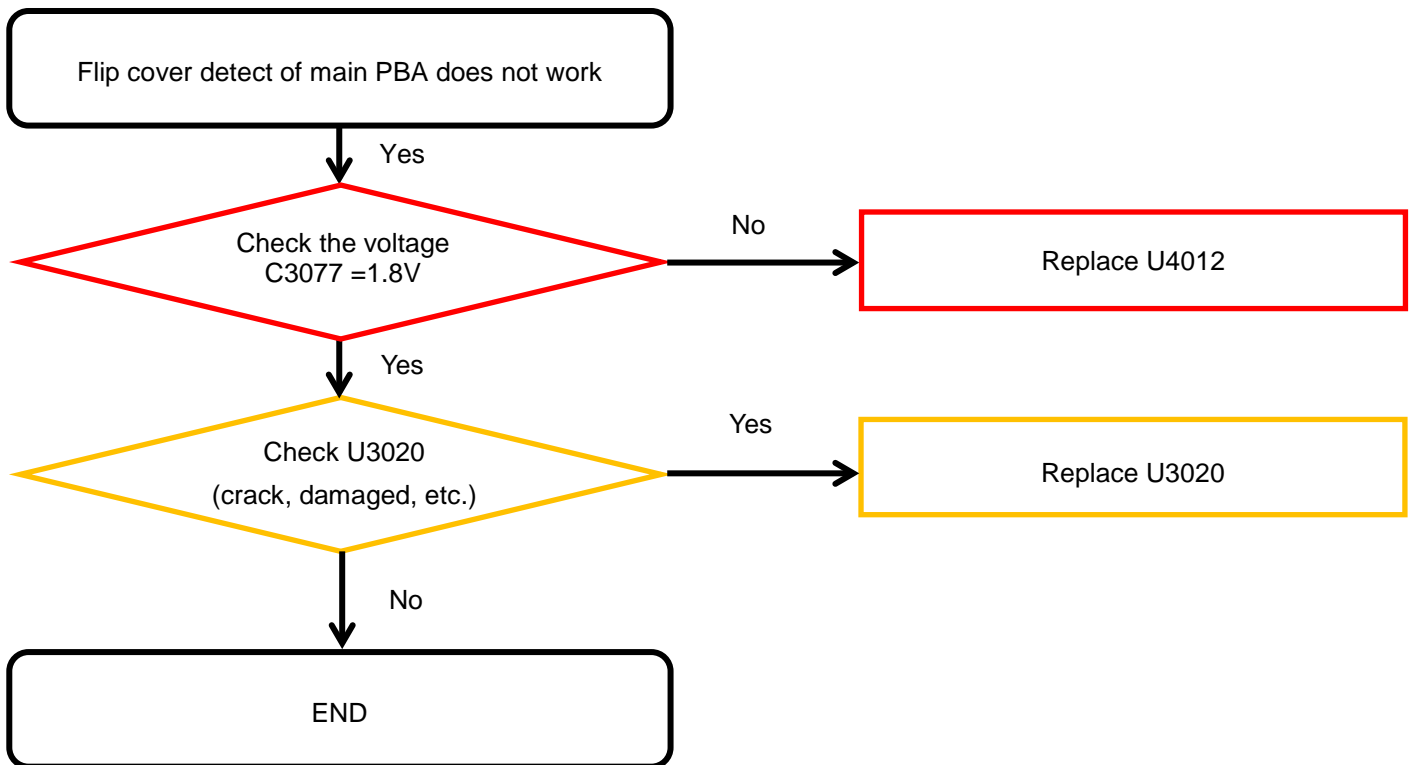


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## 8. Level 3 Repair

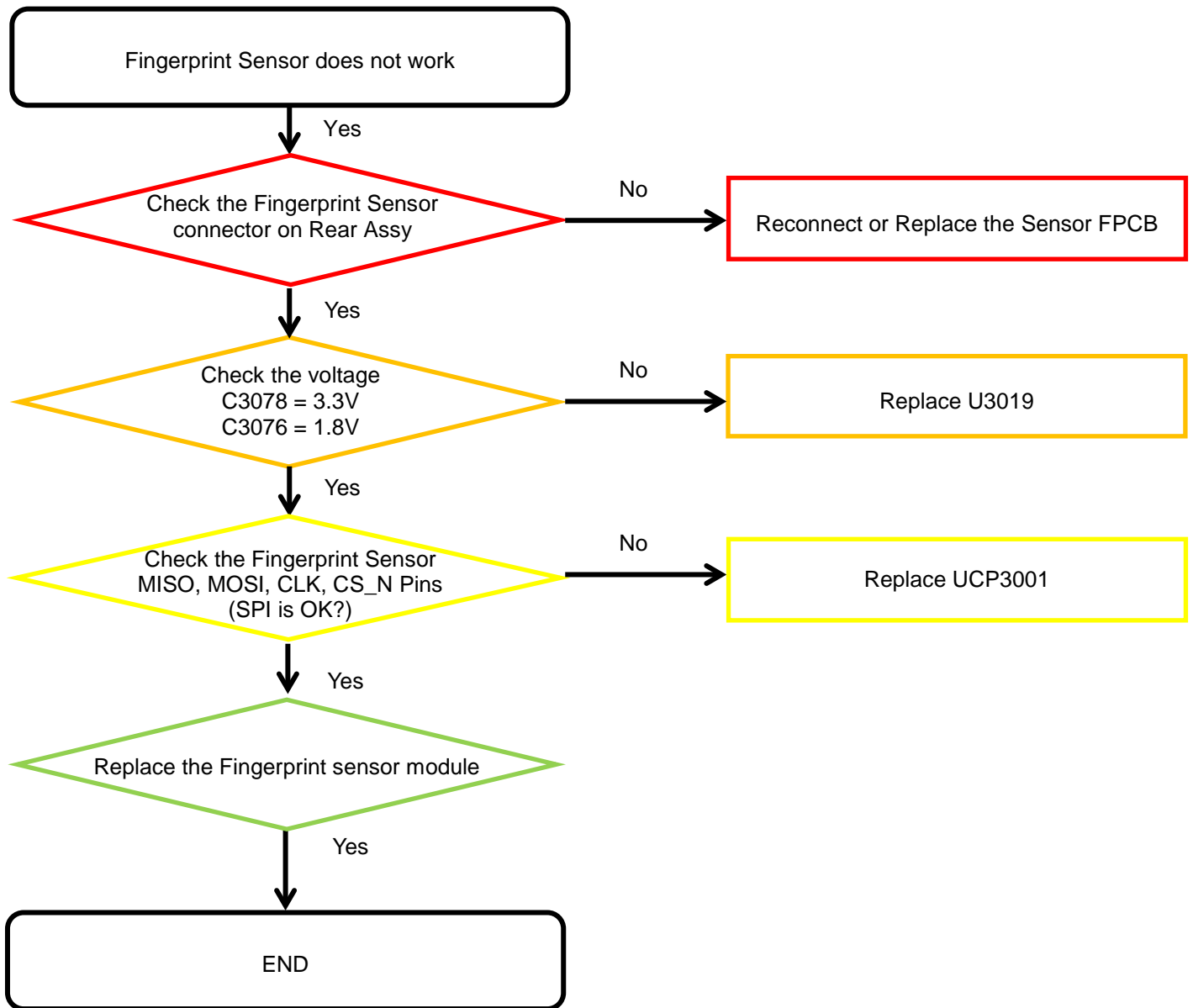
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### 8-4-7-4. Flip cover detect



## 8. Level 3 Repair

### 8-4-7-5. Fingerprint Sensor

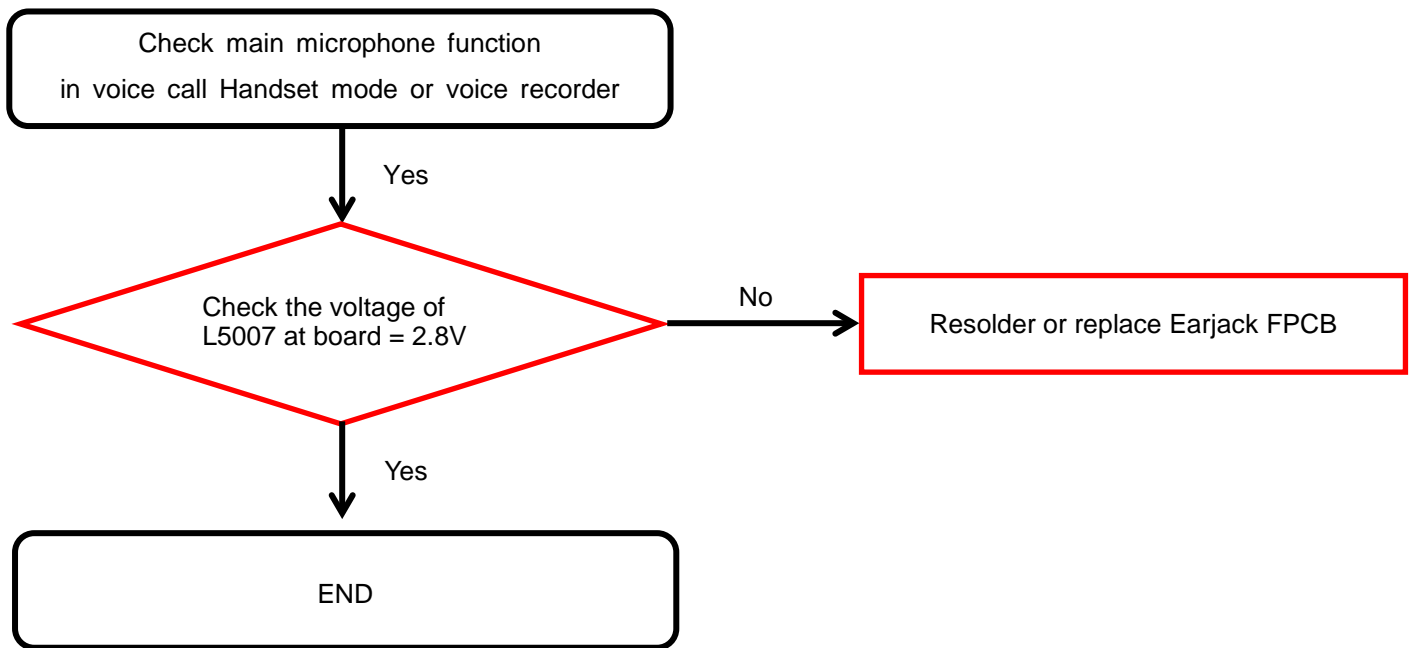


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## 8. Level 3 Repair

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### 8-4-8. Microphone Part - Main MIC

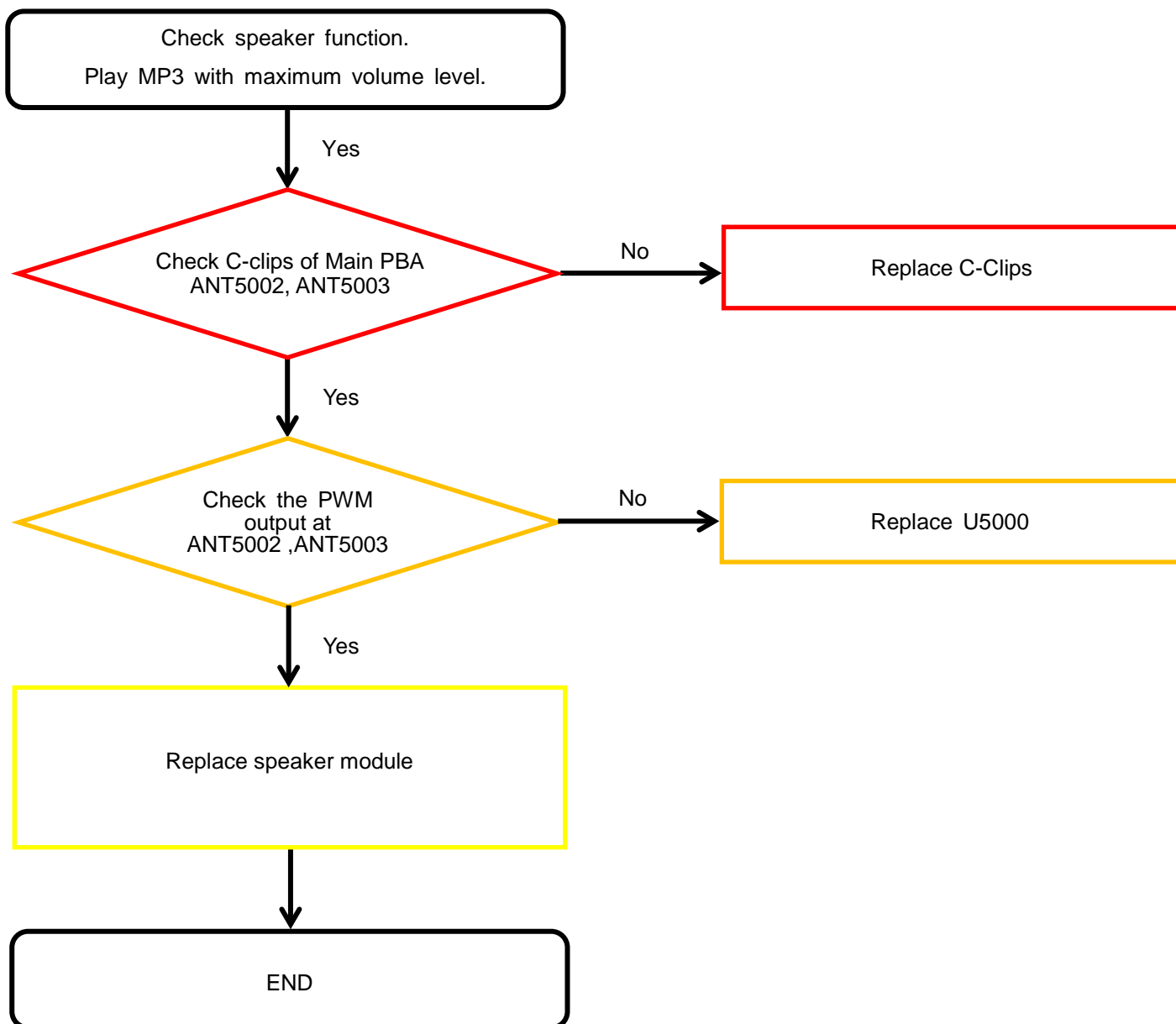


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## 8. Level 3 Repair

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### 8-4-9. Speaker Part

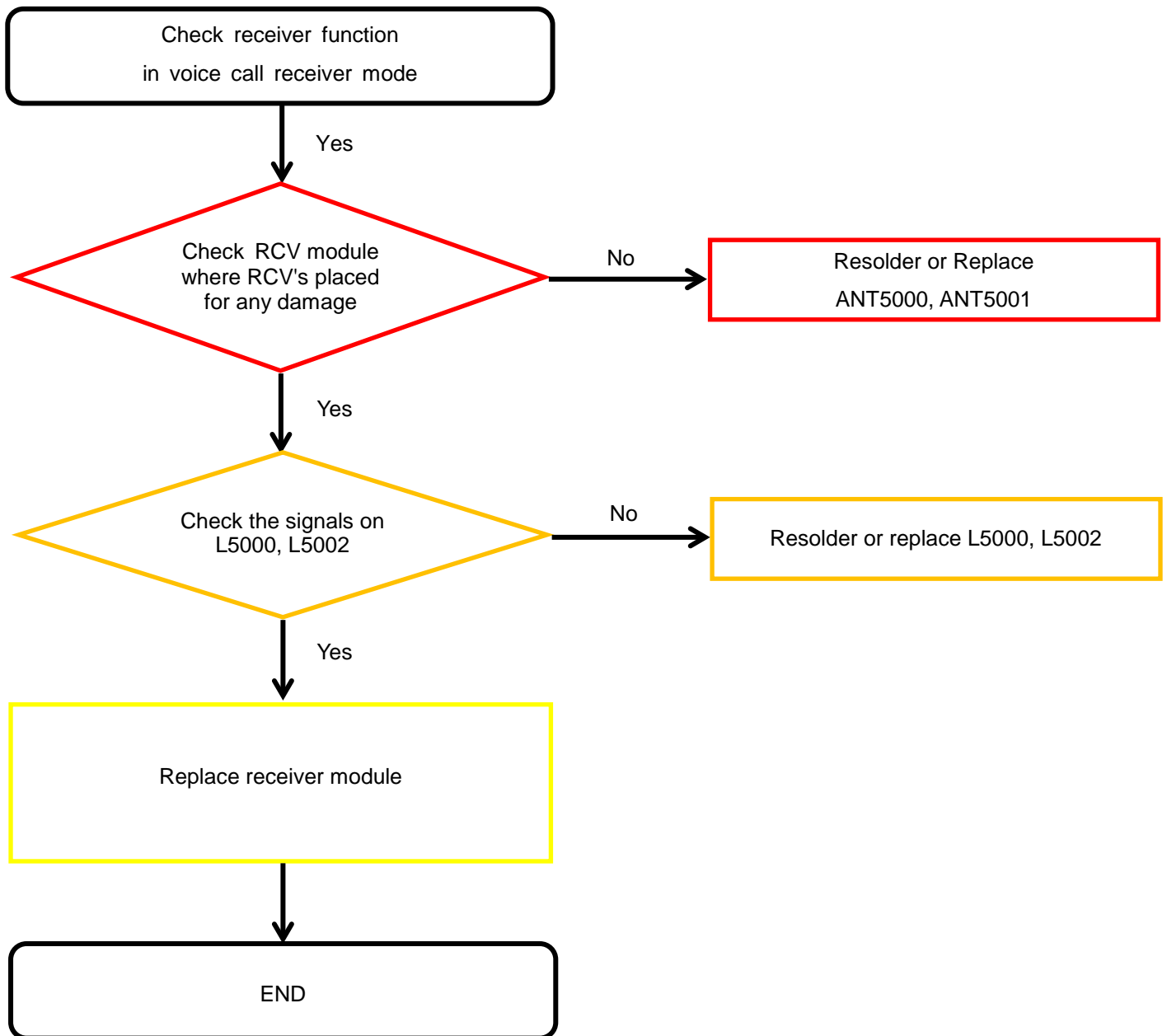


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## 8. Level 3 Repair

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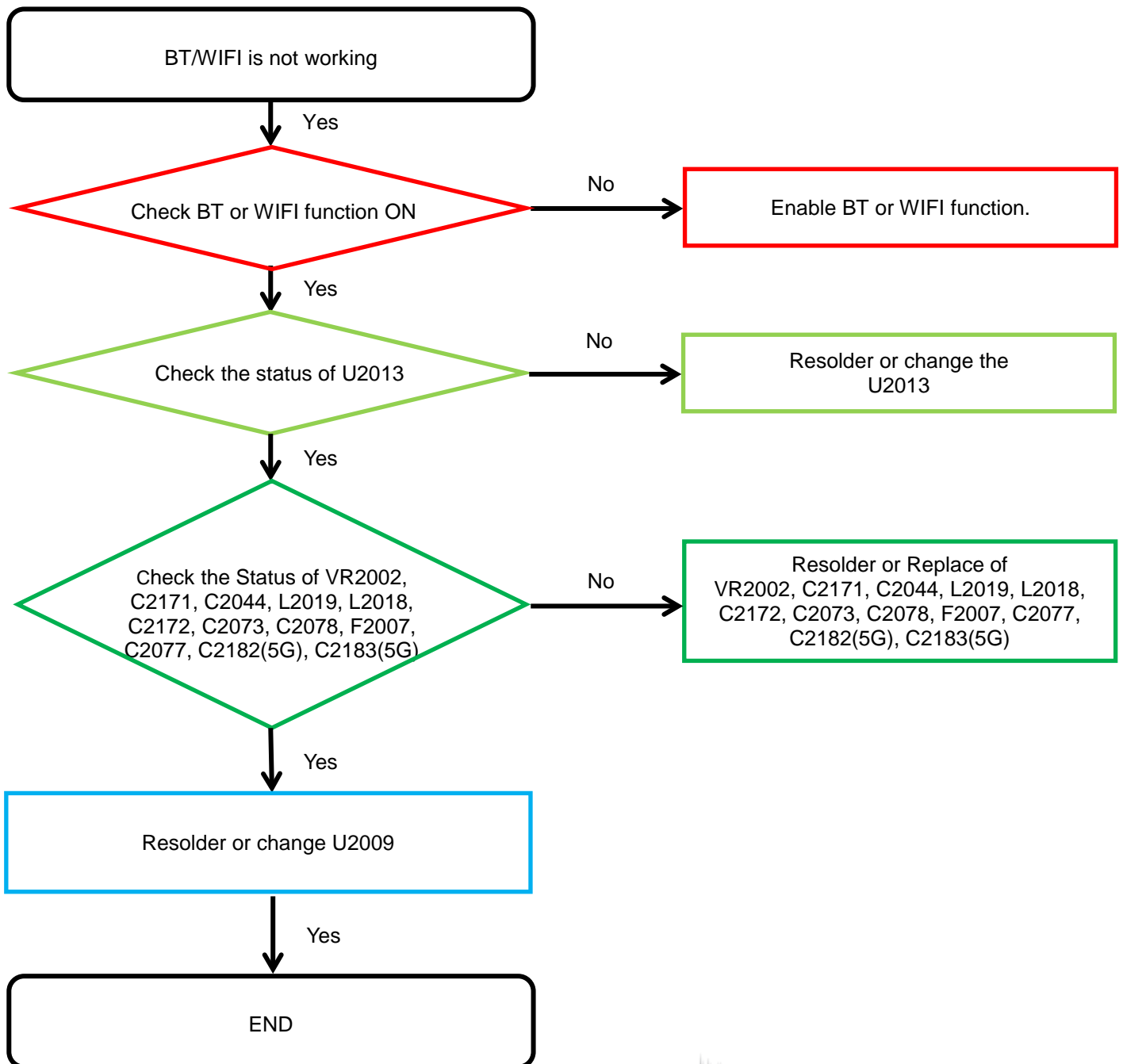
### 8-4-10. Receiver Part





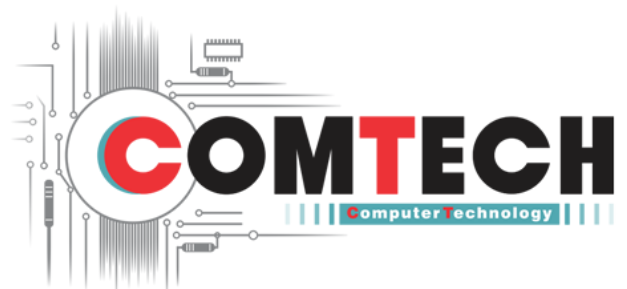
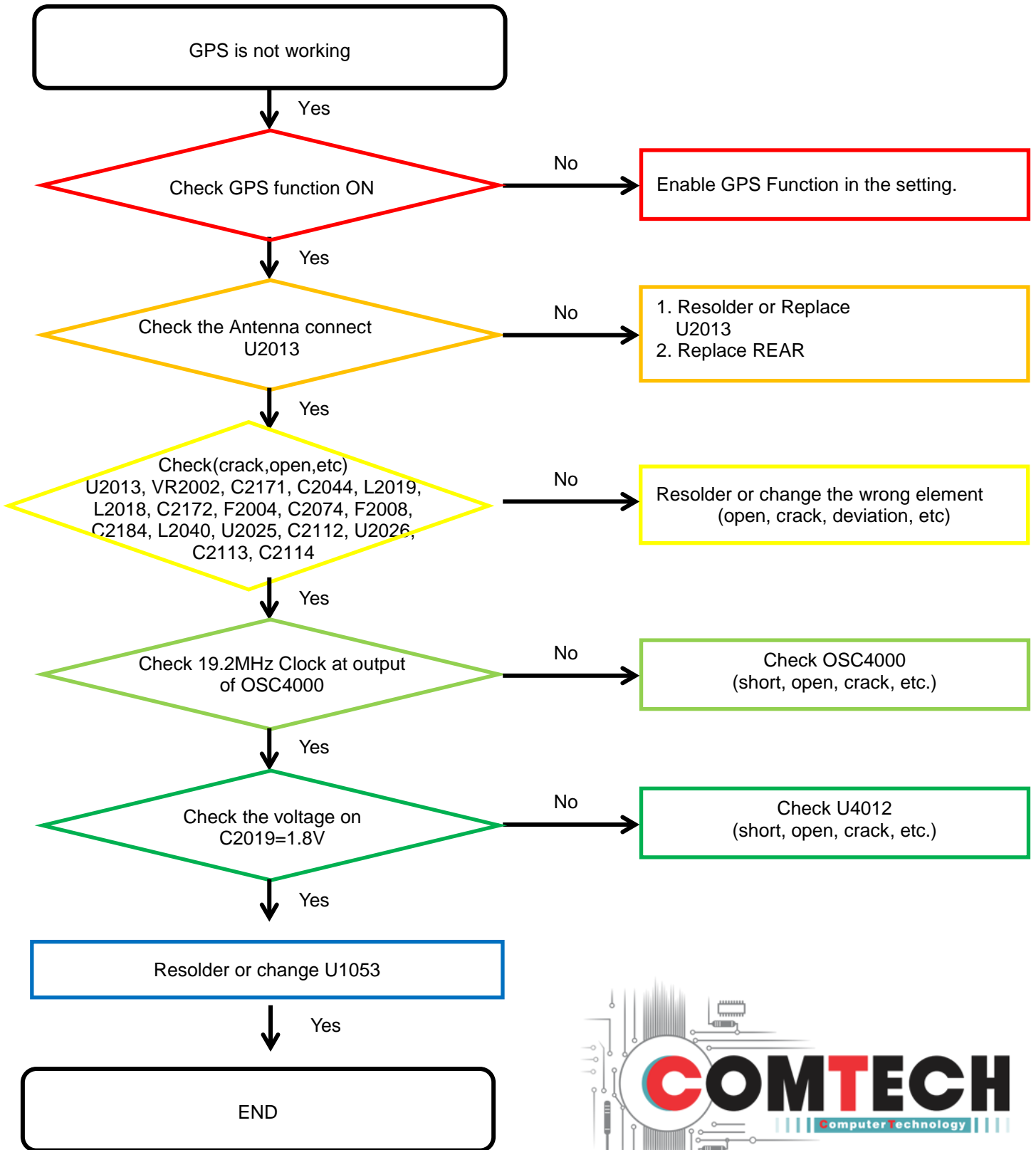
## 8. Level 3 Repair

### 8-4-11. BT/WIFI



## 8. Level 3 Repair

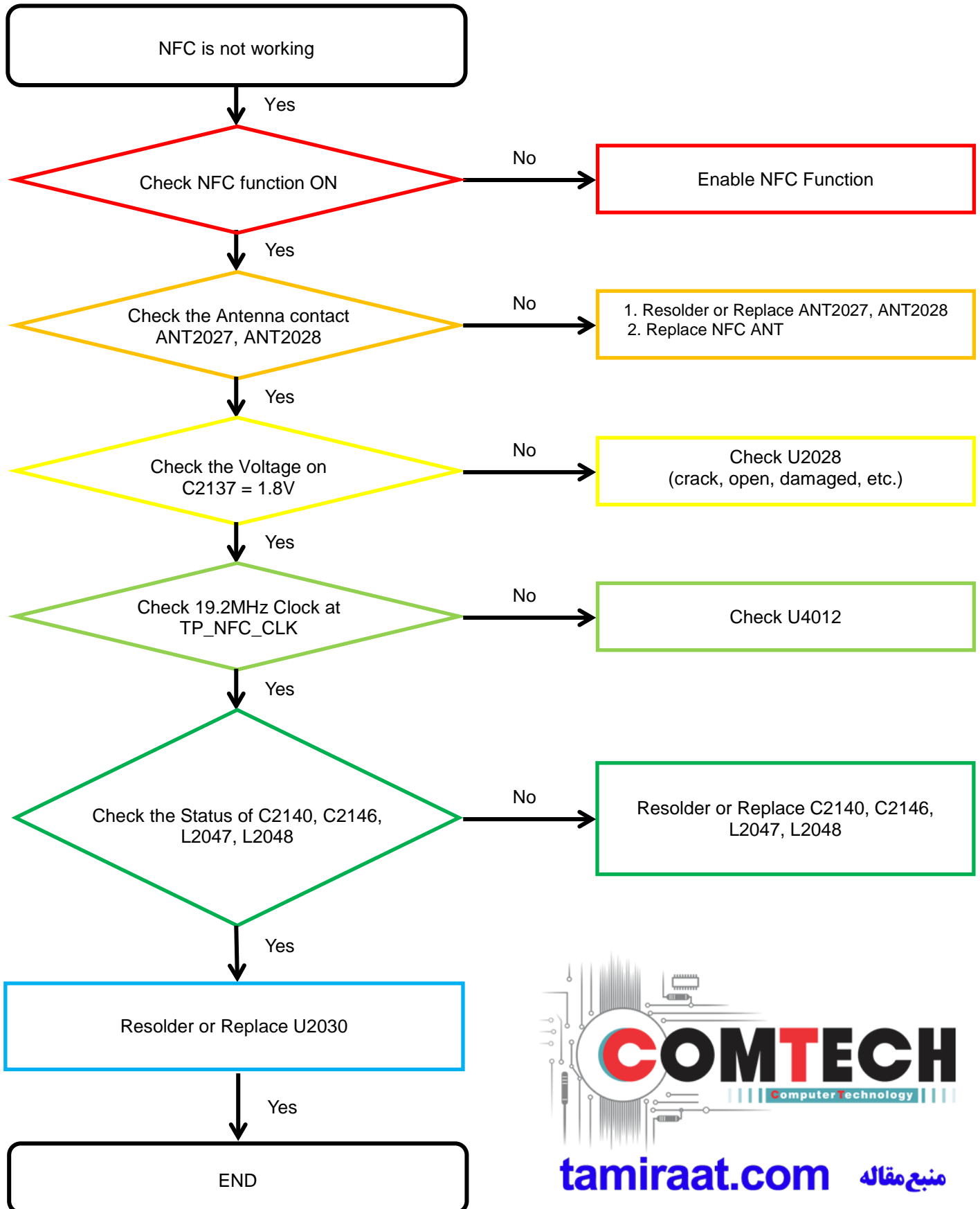
### 8-4-12. GPS



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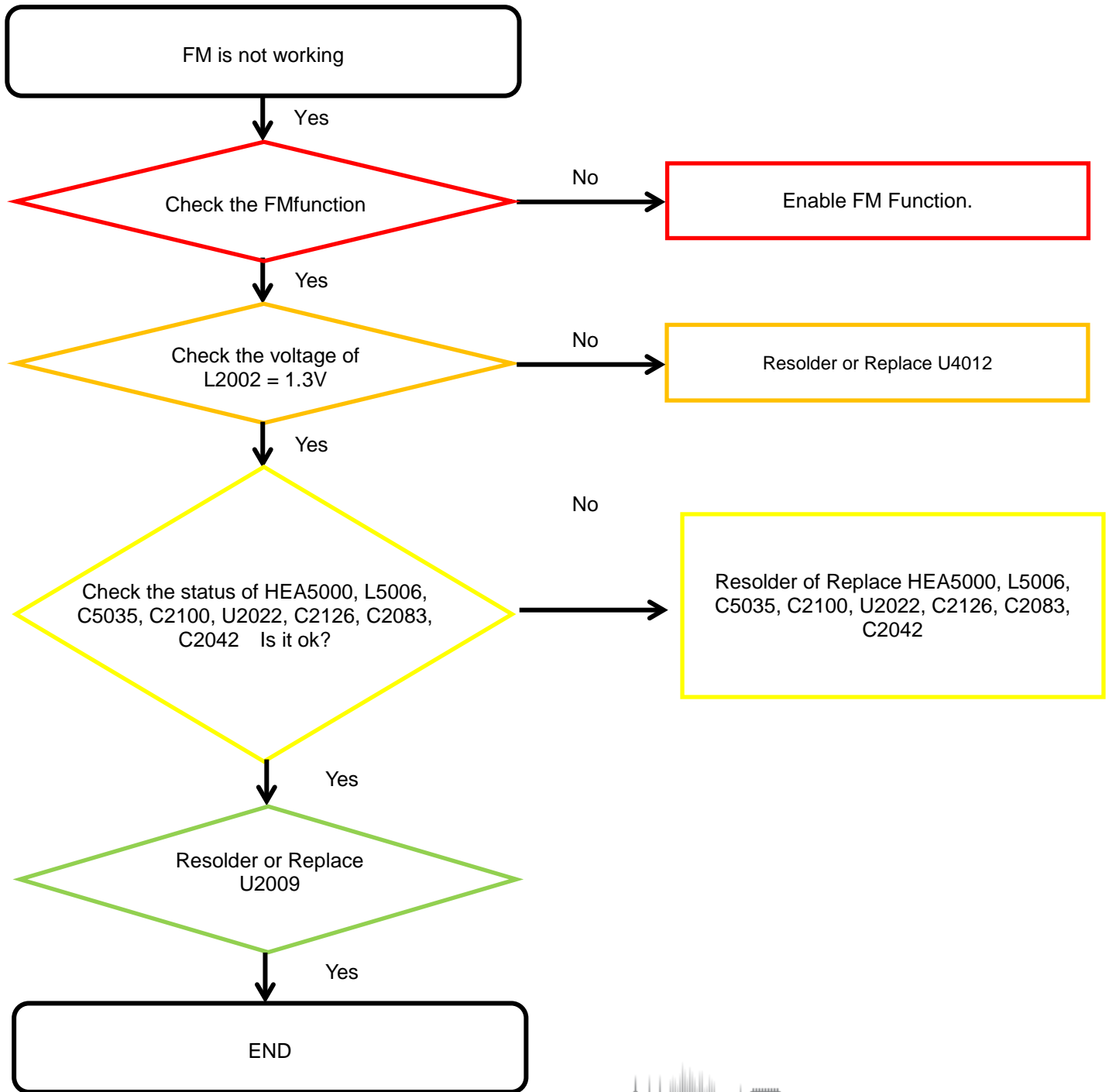
## 8. Level 3 Repair

### 8-4-13. NFC



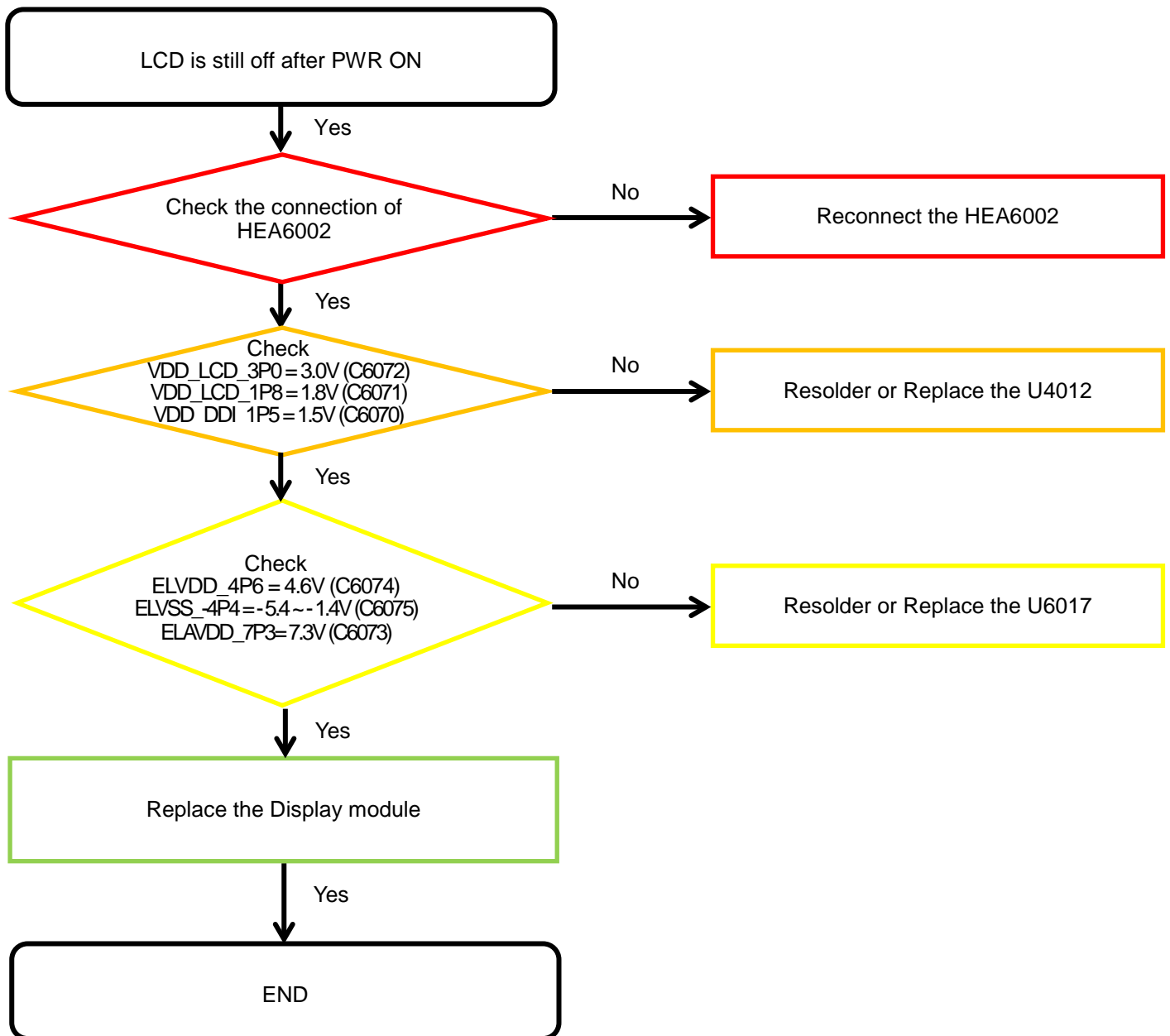
## 8. Level 3 Repair

### 8-4-14. FM radio part



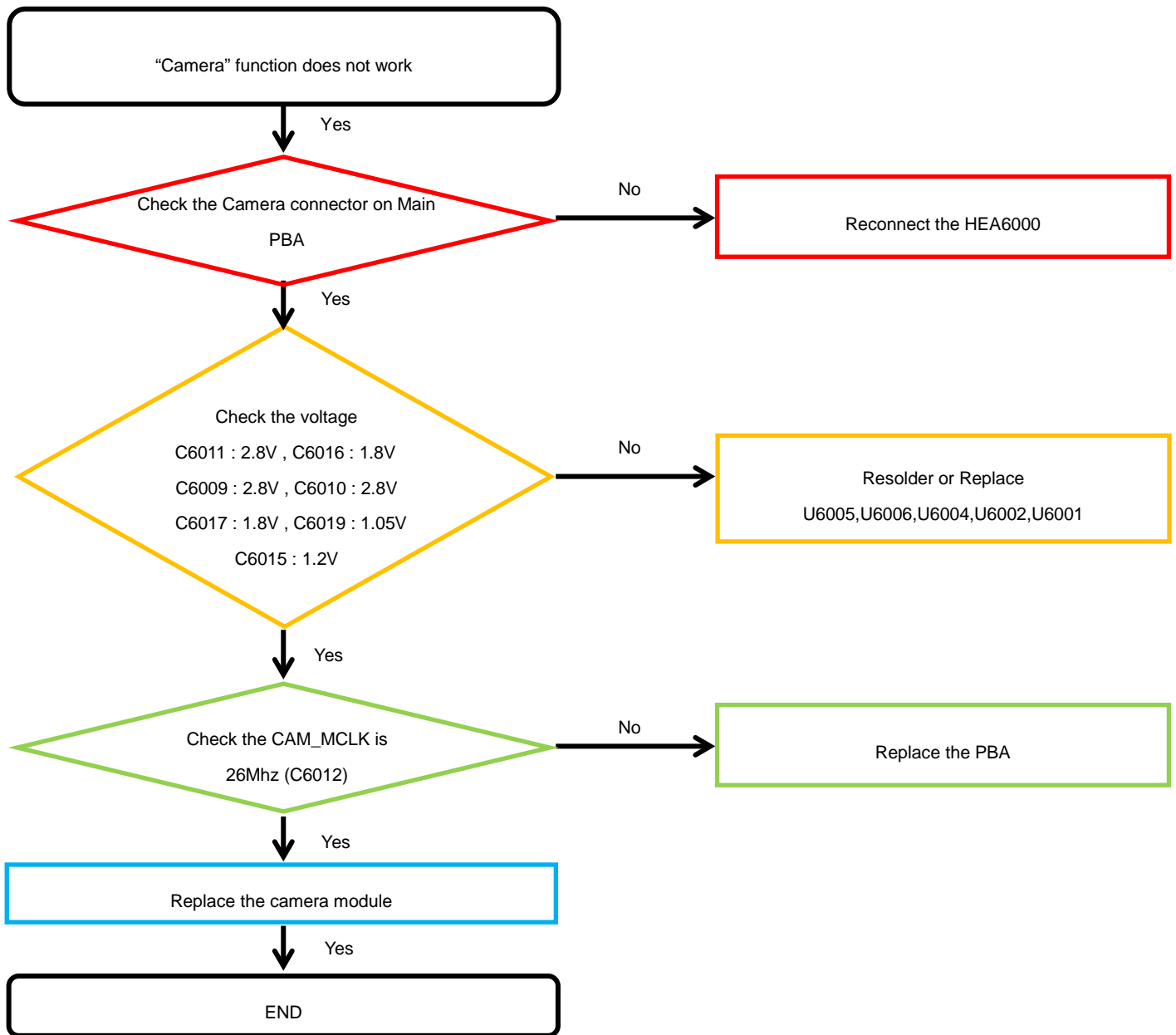
## 8. Level 3 Repair

### 8-4-15. Display



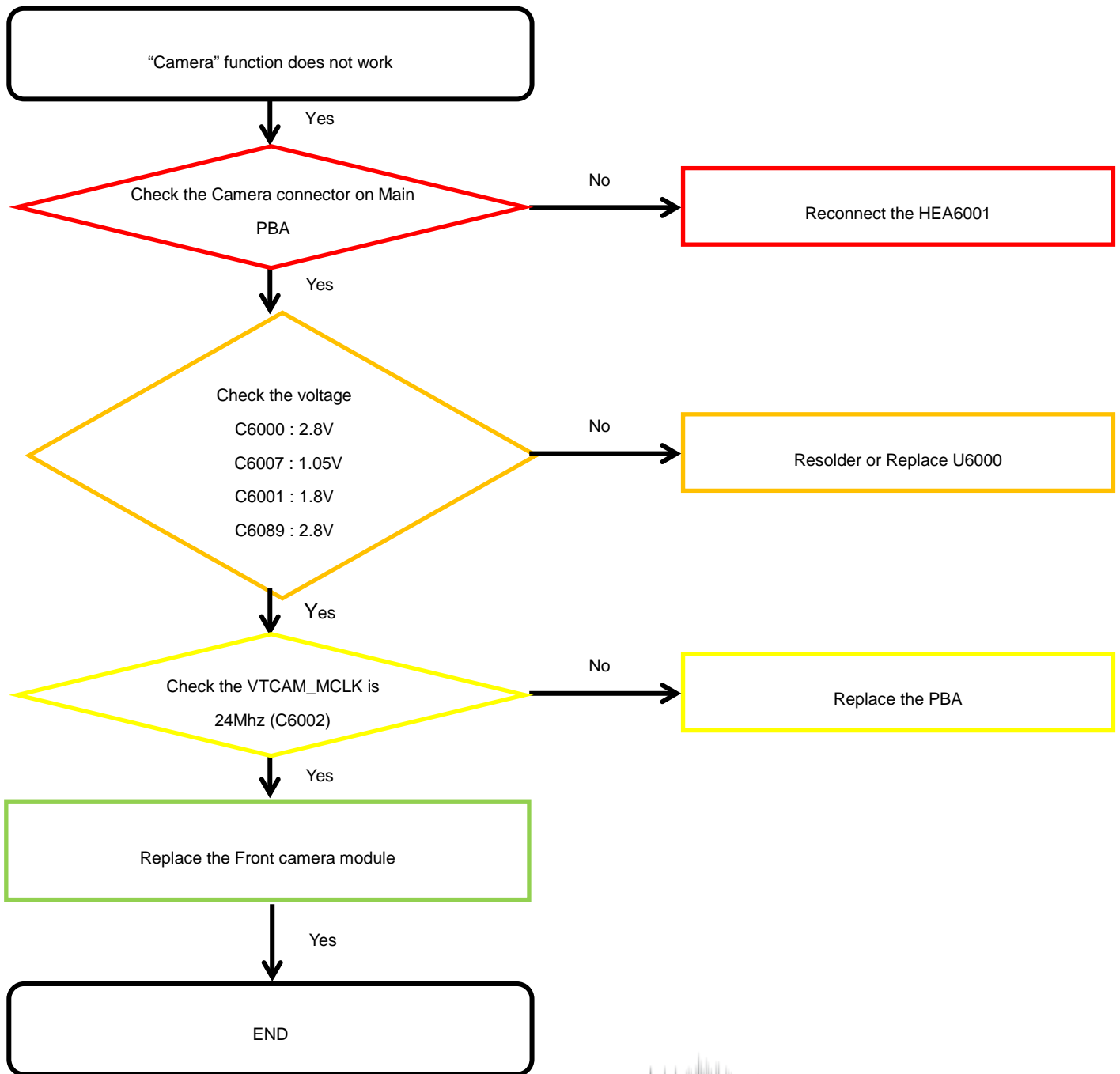
## 8. Level 3 Repair

### 8-4-16. DUAL CAMERA



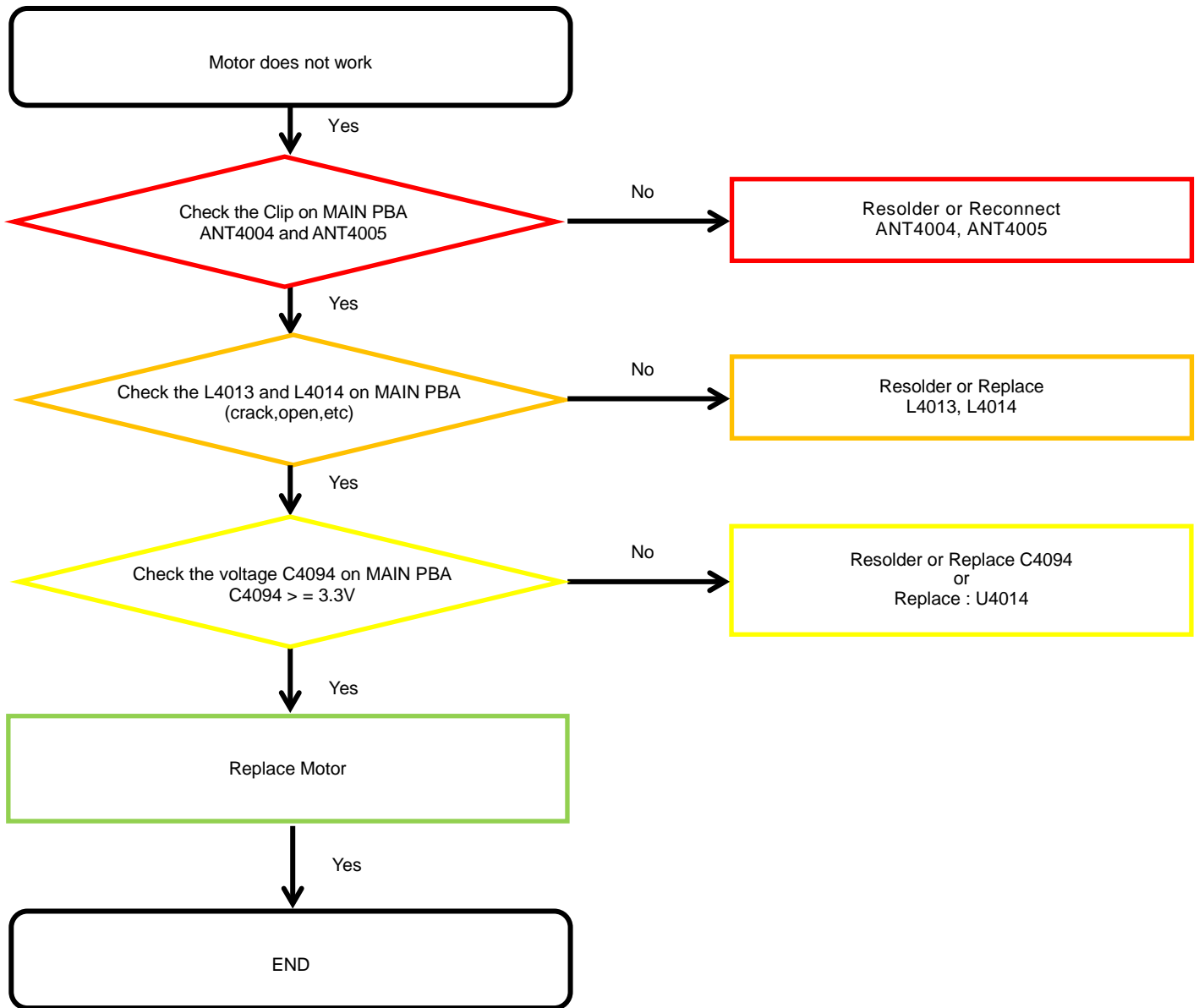
## 8. Level 3 Repair

### 8-4-17. VT CAMERA



## 8. Level 3 Repair

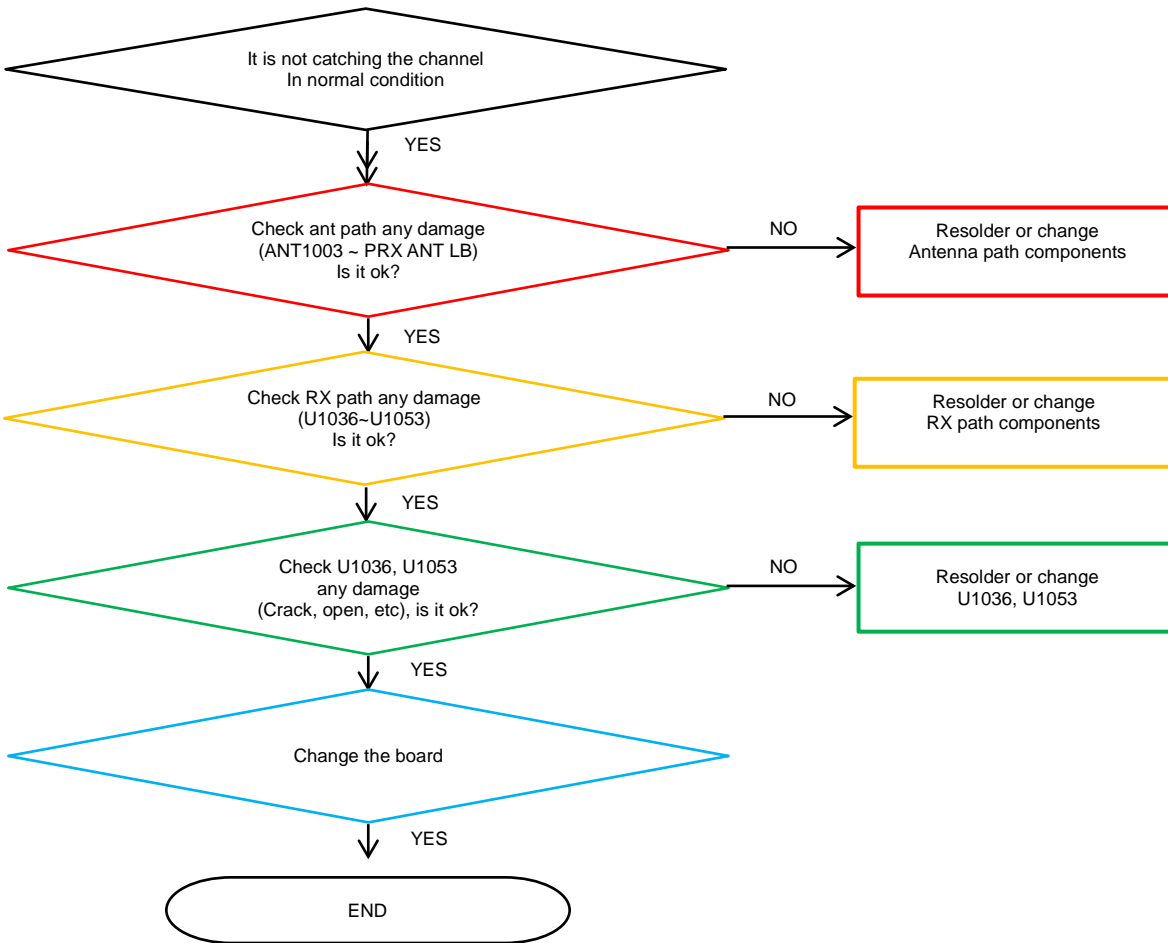
### 8-4-18. Motor





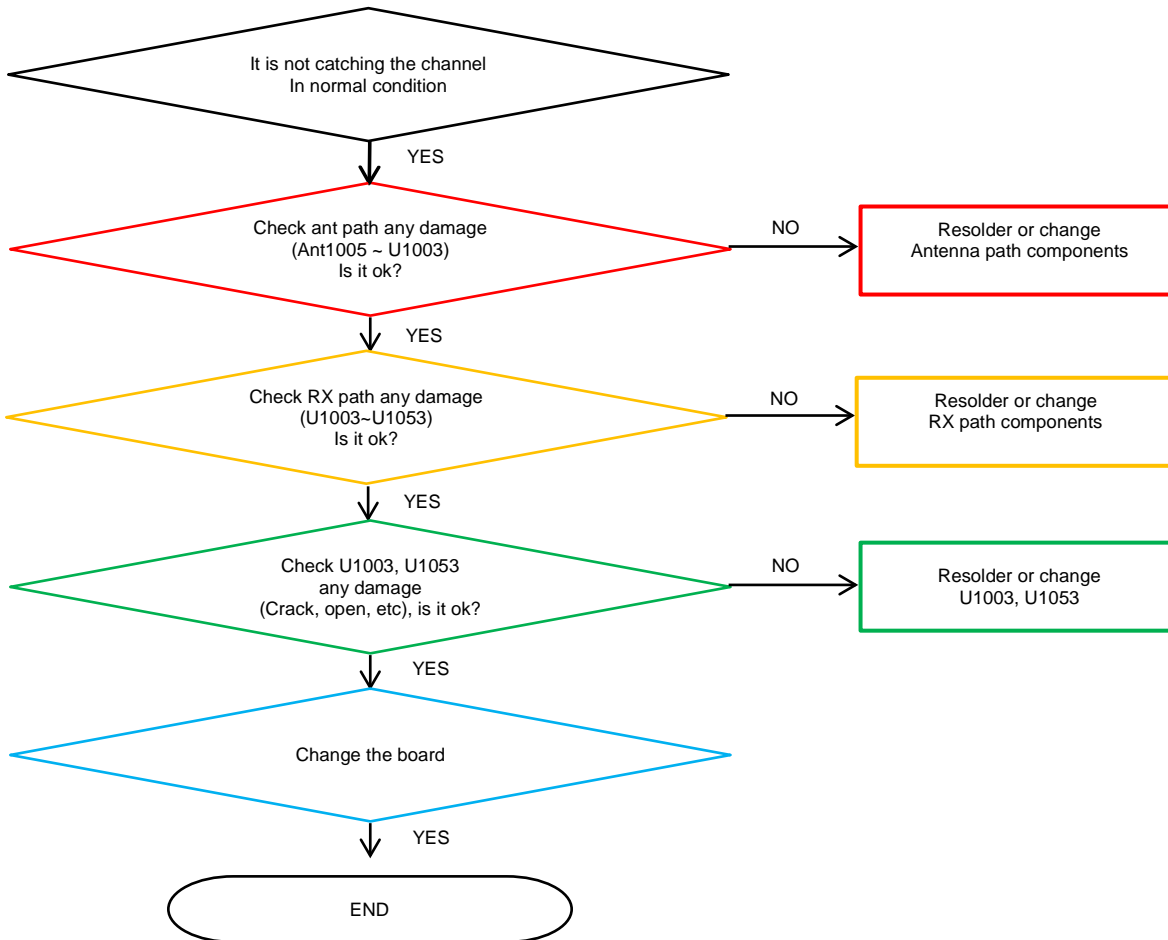
## 8. Level 3 Repair

### 8-4-19. CDMA BC0, GSM 850/900, WCDMA B5/8, LTE B5/8/12/13/17/20/28 PRx



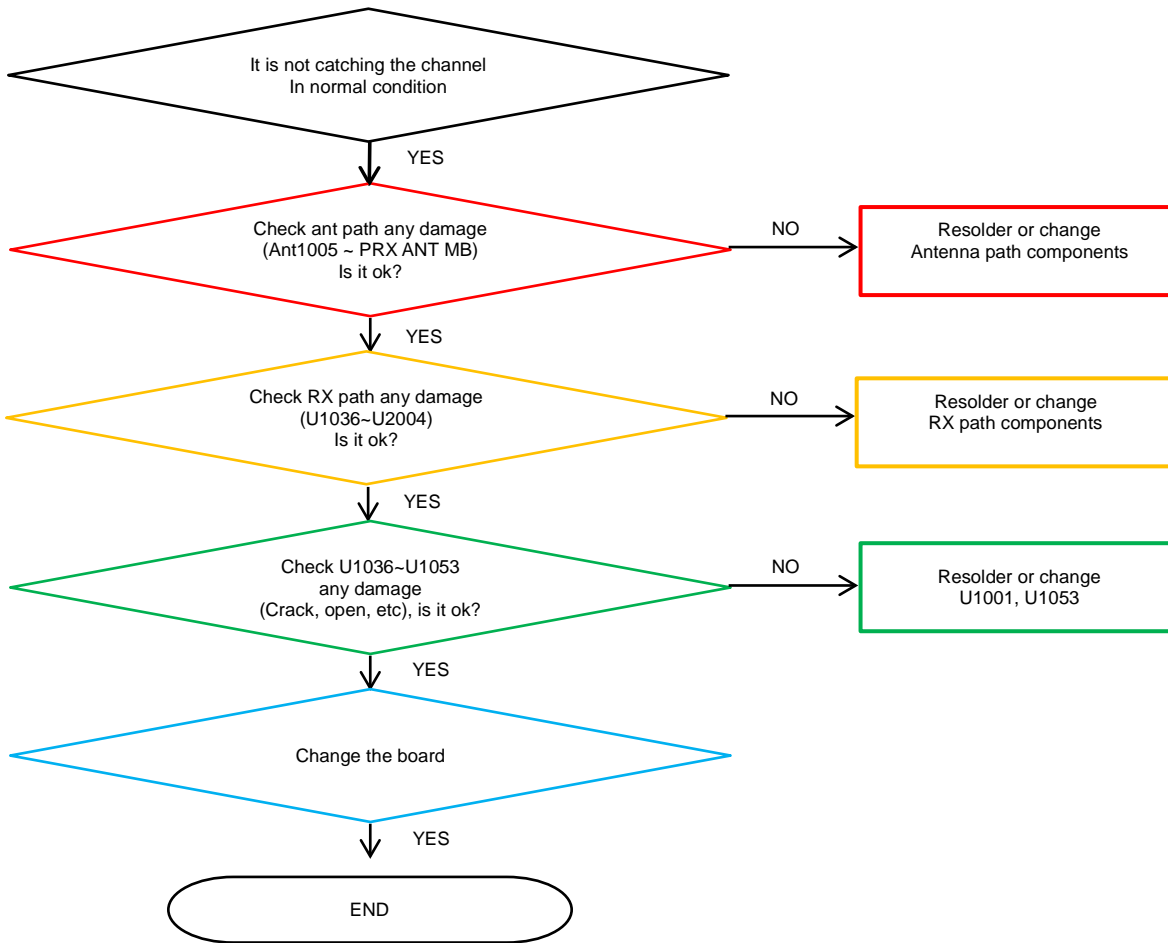
## 8. Level 3 Repair

### 8-4-20. LTE B7/38/40/41 PRx



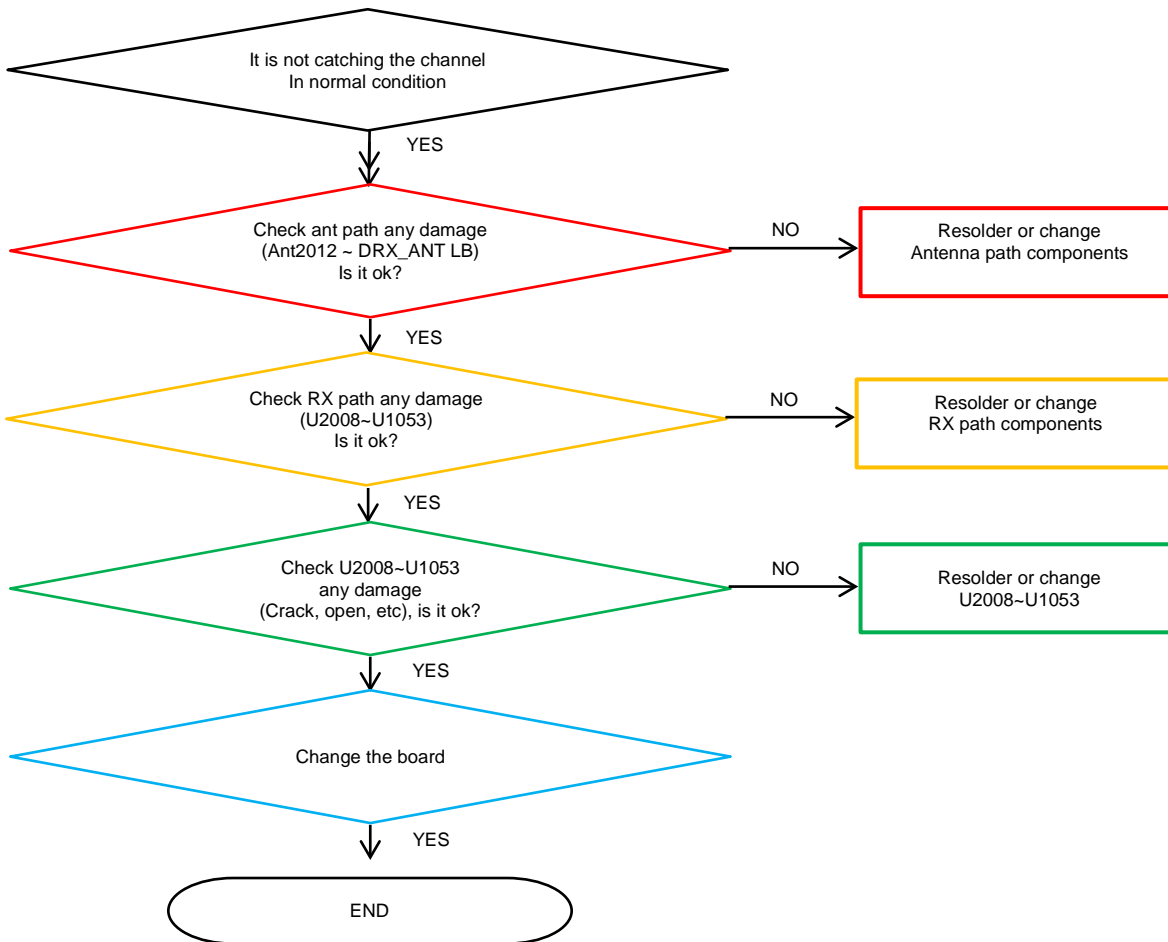
## 8. Level 3 Repair

### 8-4-21. GSM DCS/PCS, WCDMA B1/2/4, TD-SDMA B34/39, LTE B1/2/3/4/34/66 PRx



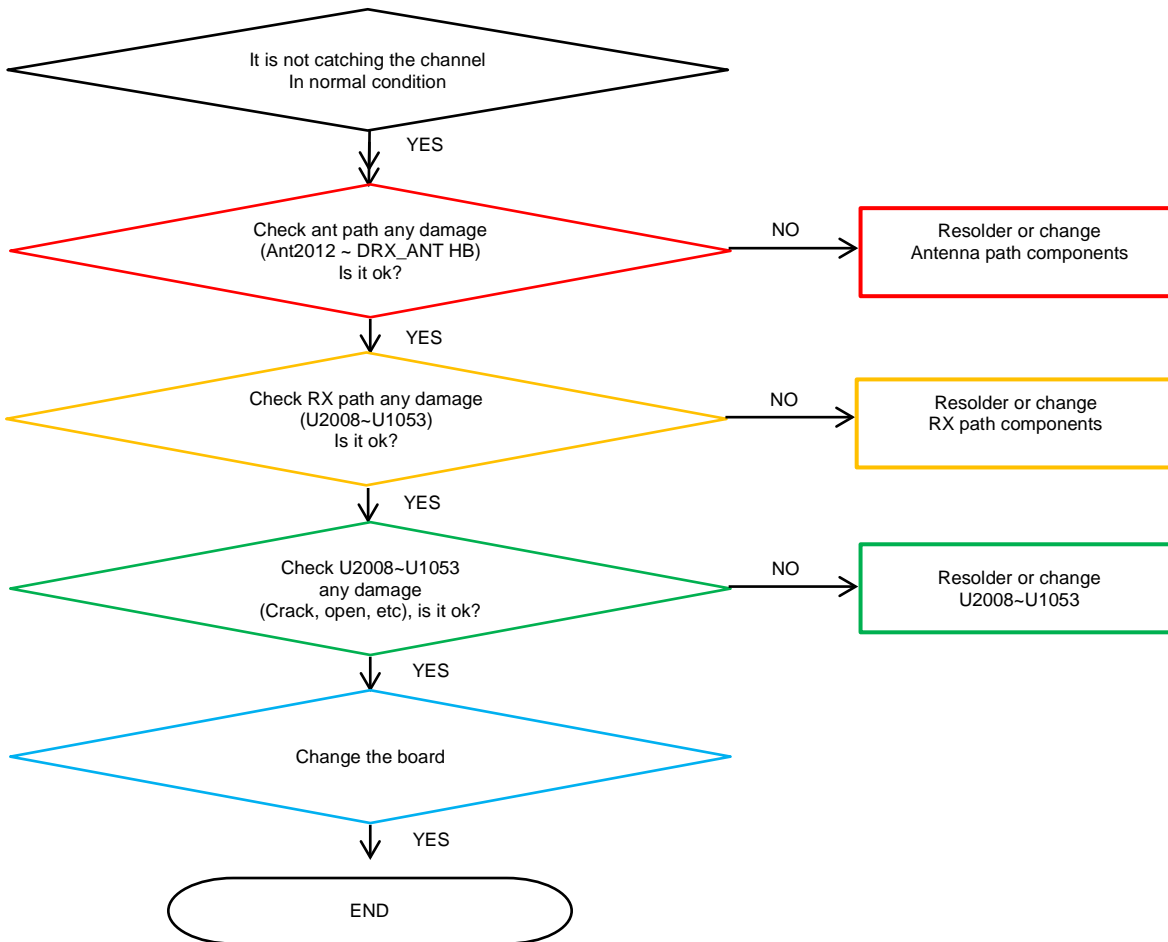
## 8. Level 3 Repair

### 8-4-22. CDMA BC0, GSM 850/900, WCDMA B5/8, LTE B5/8/12/13/17/20/28 DRx



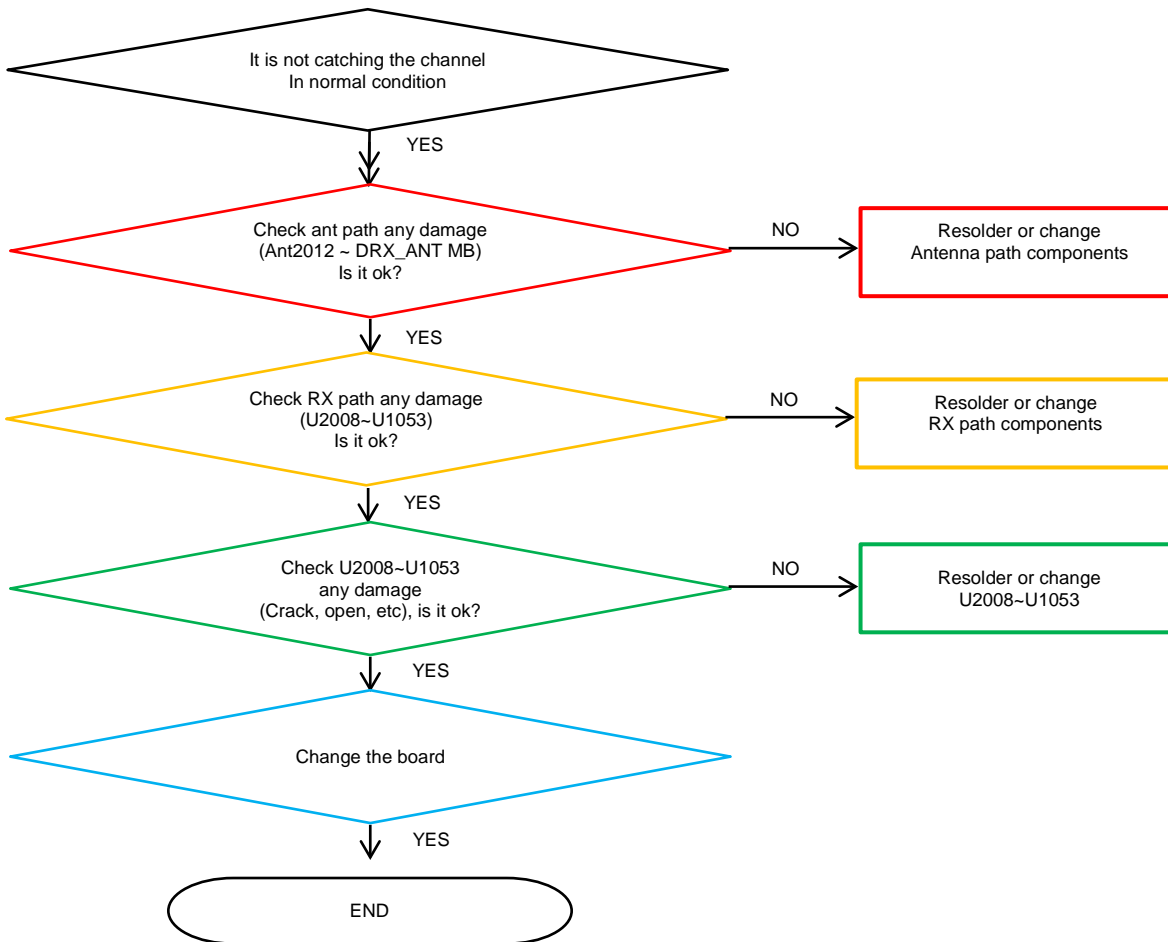
## 8. Level 3 Repair

### 8-4-23. LTE B7/38/40/41 DRx



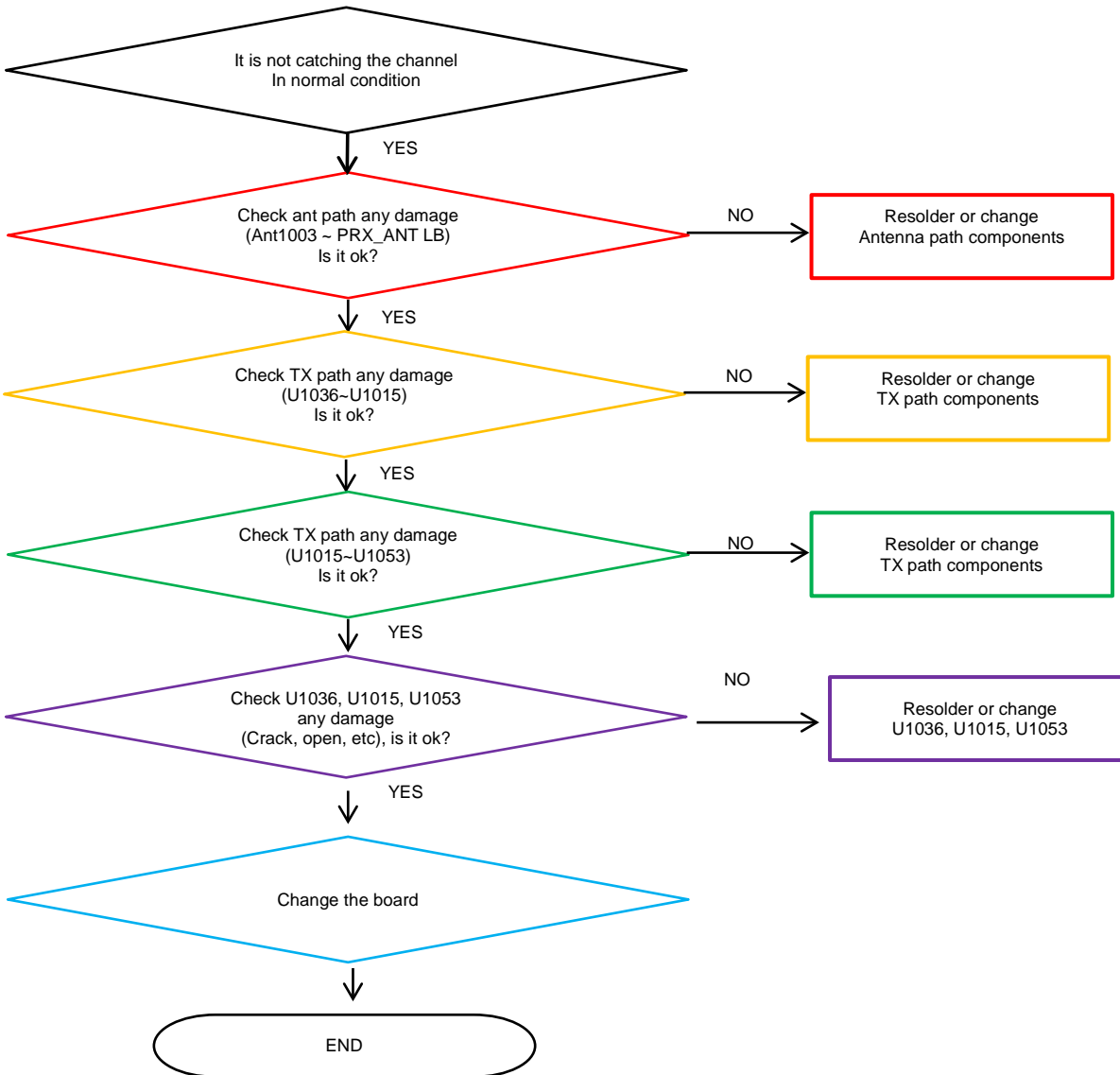
## 8. Level 3 Repair

### 8-4-24. GSM DCS/PCS, WCDMA B1/2/4, TD-SDMA B34/39, LTE B1/2/3/4/34/66 DRx



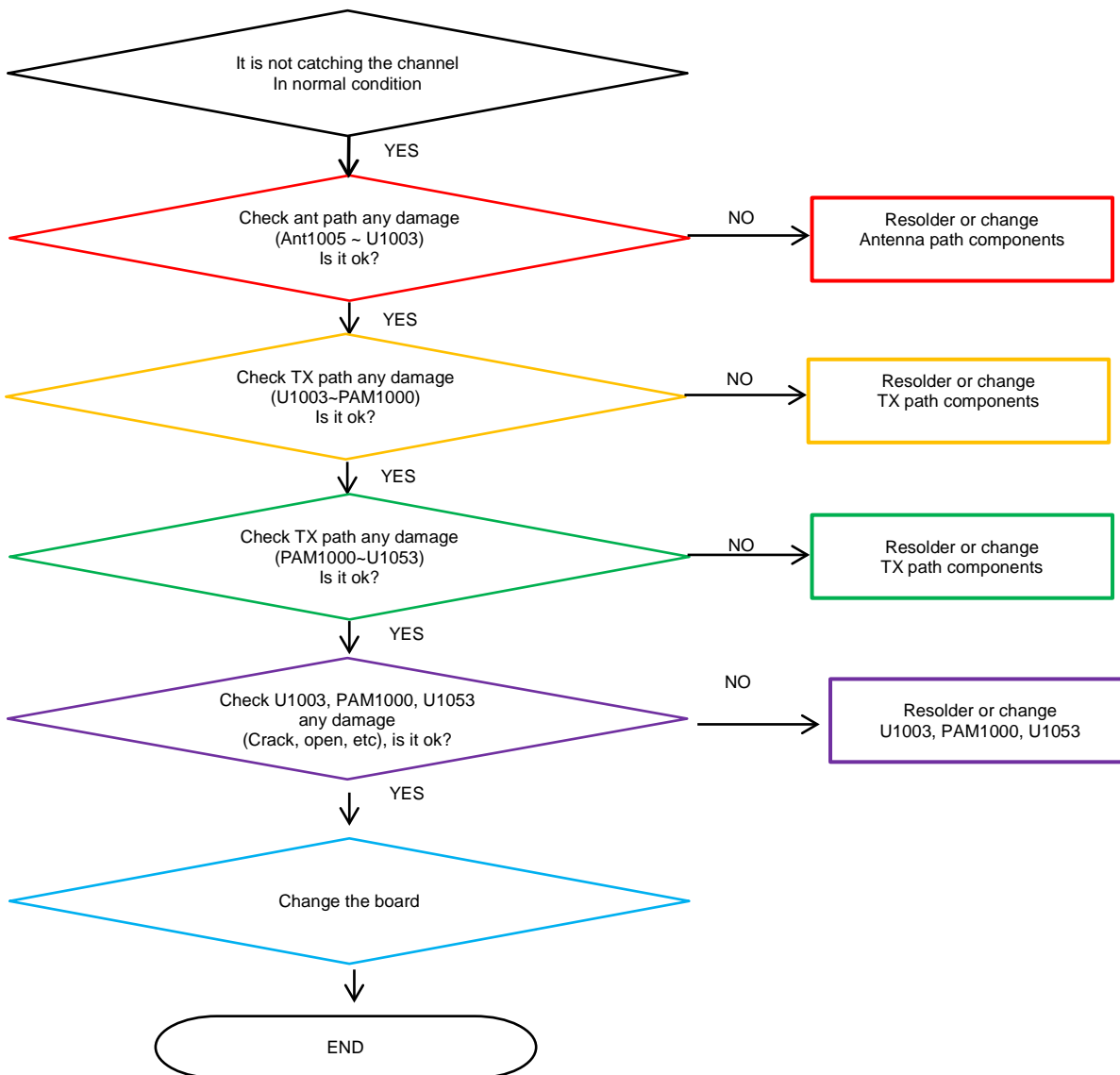
## 8. Level 3 Repair

### 8-4-25. CDMA BC0, GSM 850/900, WCDMA B5/8, LTE B5/8/12/13/17/20/28 TX



## 8. Level 3 Repair

### 8-4-26. LTE B7/38/40/41 Tx





## 8. Level 3 Repair

### 8-4-27. GSM DCS/PCS, WCDMA B1/2/4, TD-SCDMA B34/39, LTE B1/2/3/4/34/66 Tx

