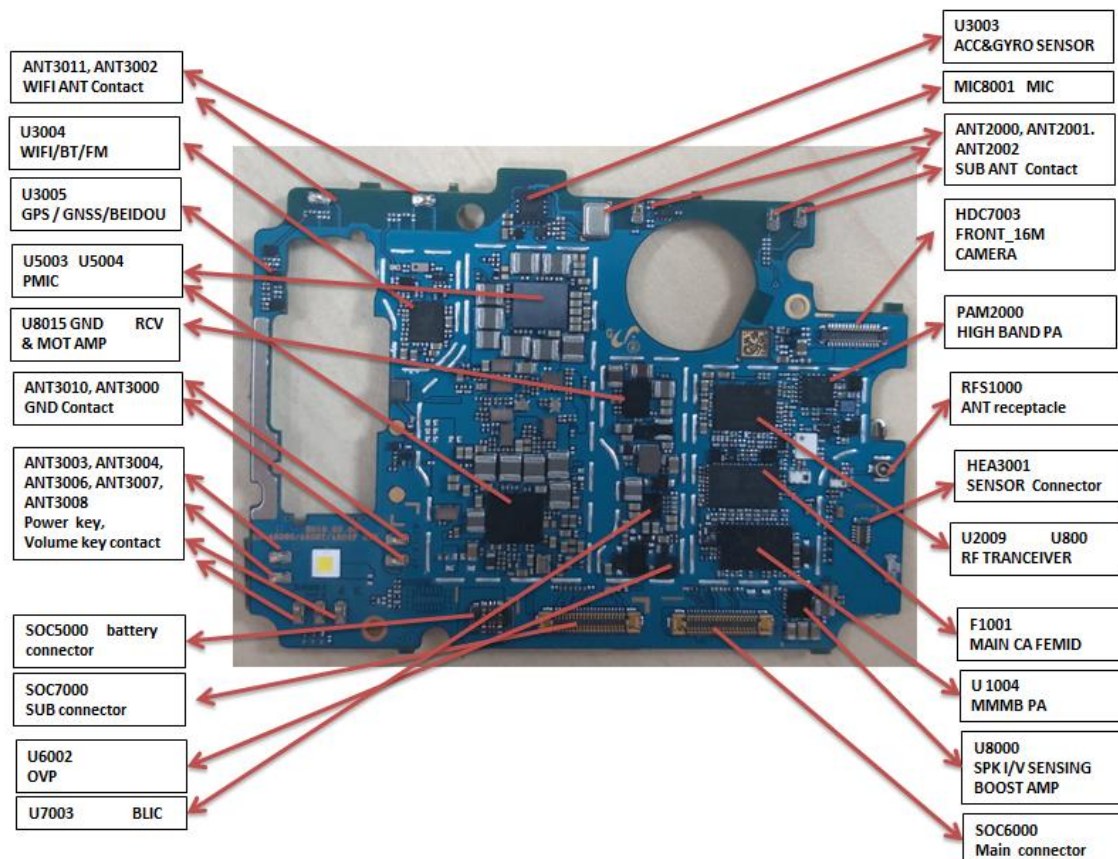
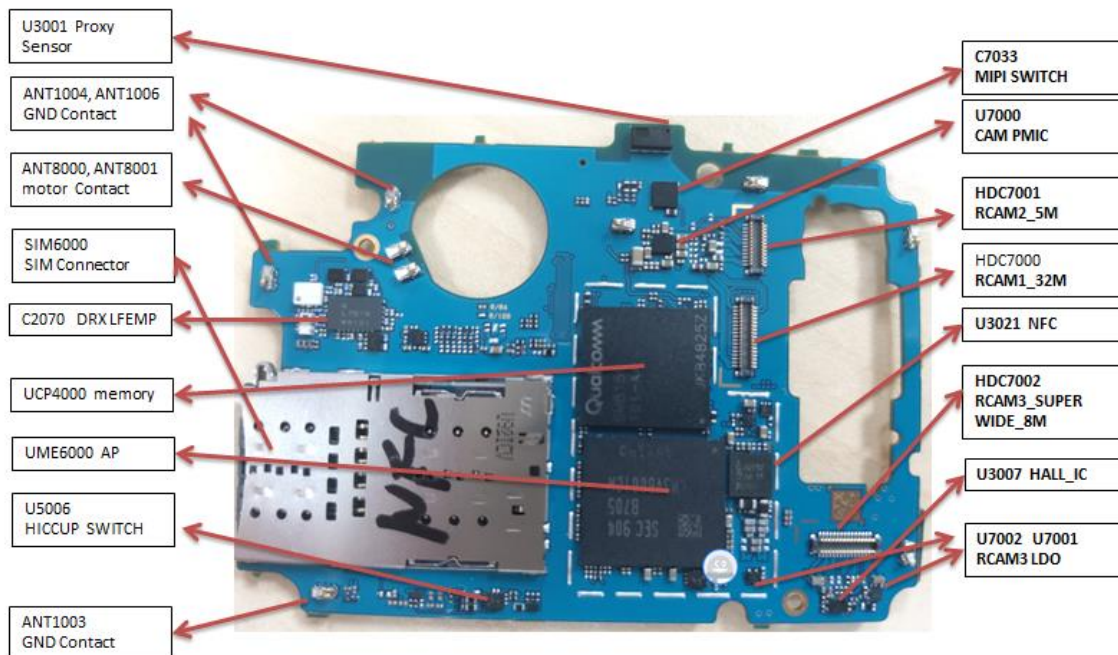
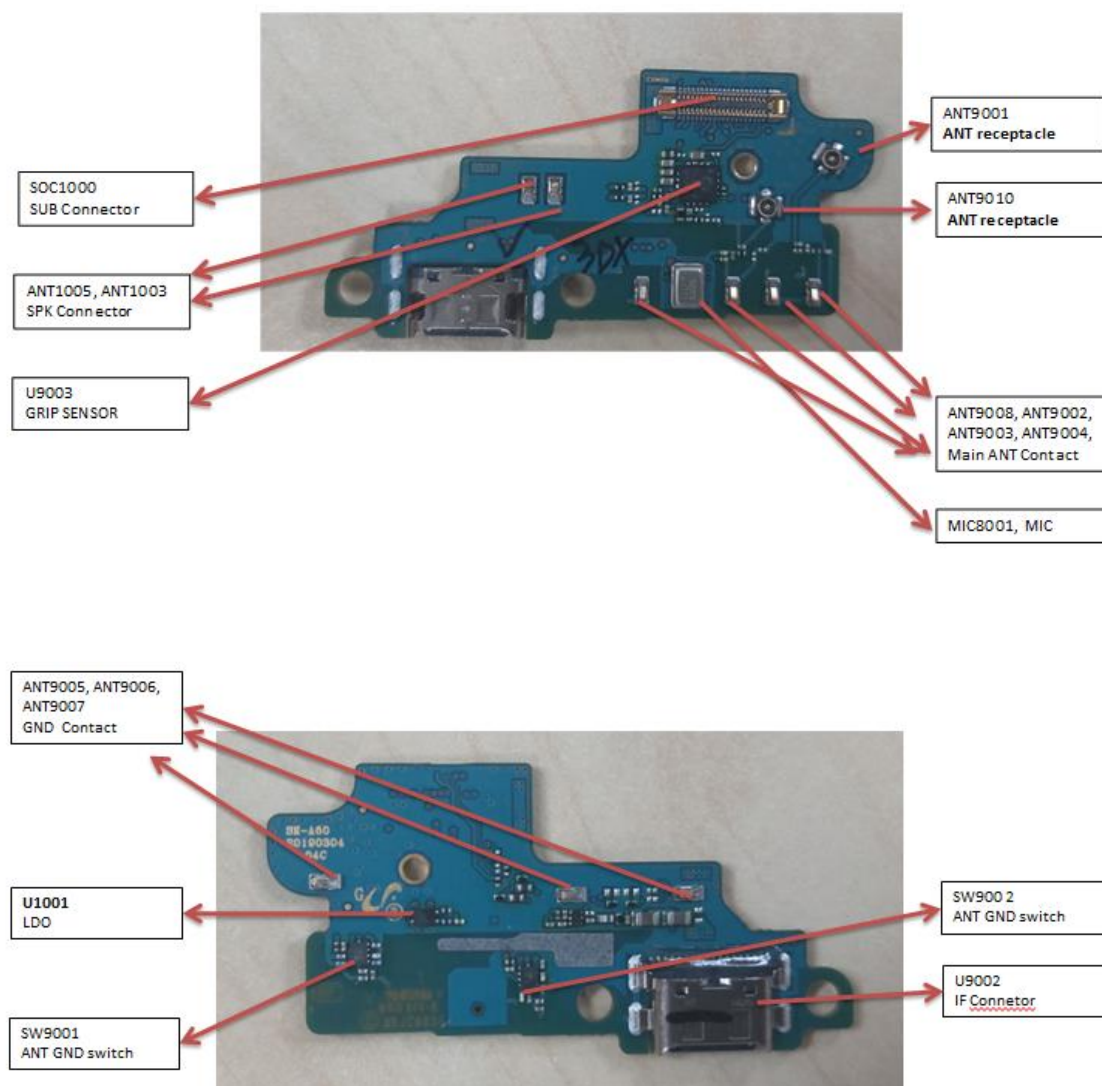


## 8. Level 3 Repair

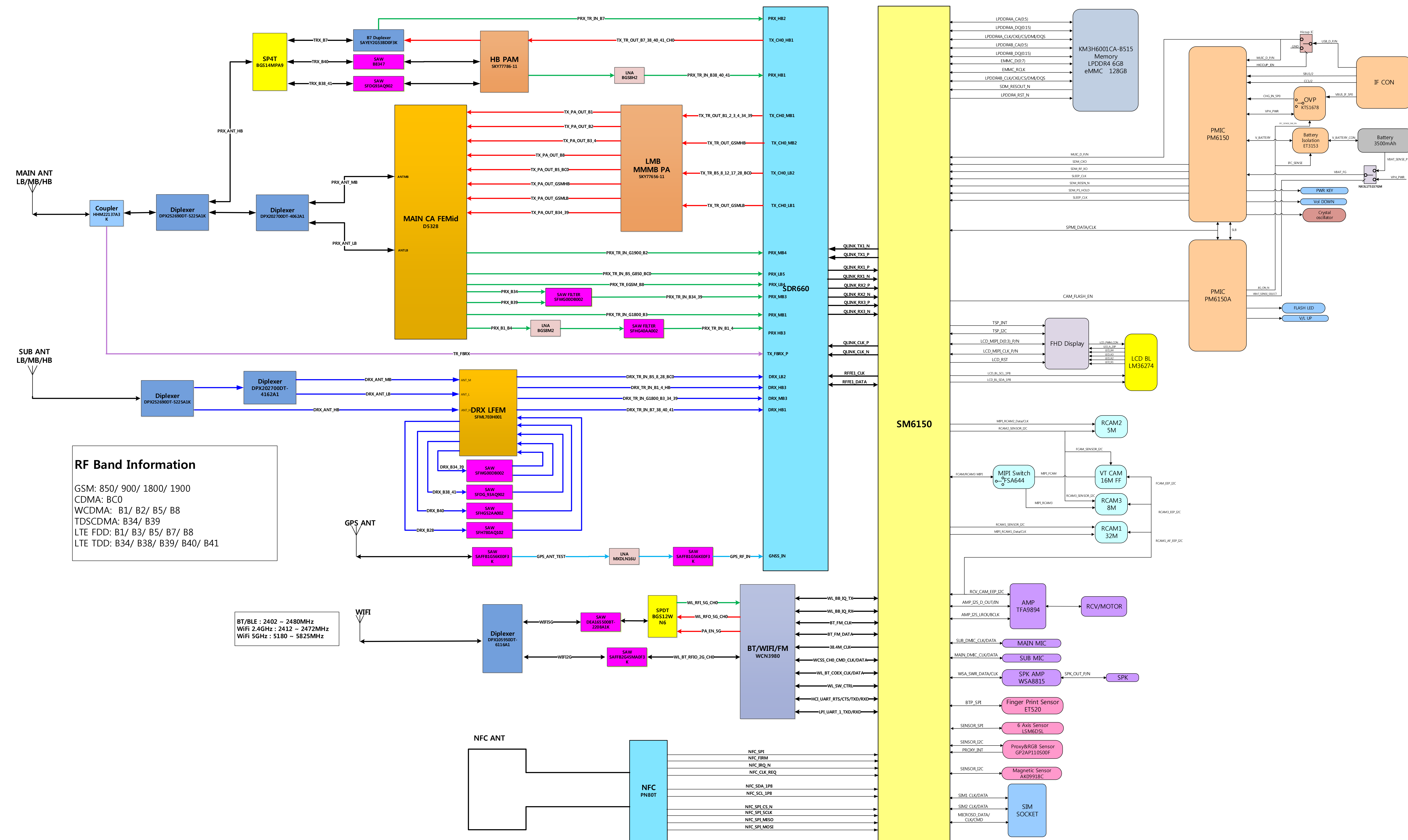
### 8-1. Components Layout

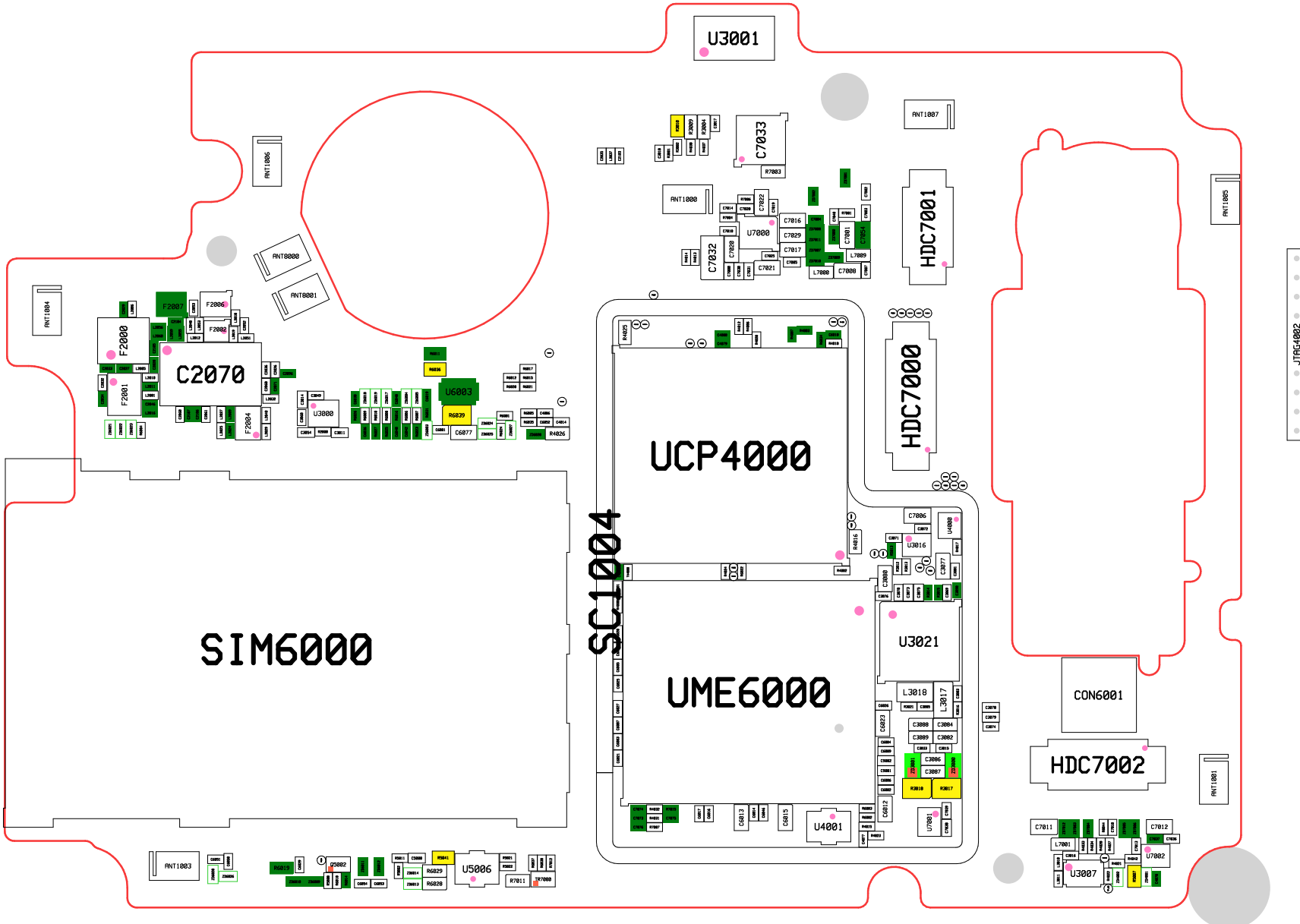


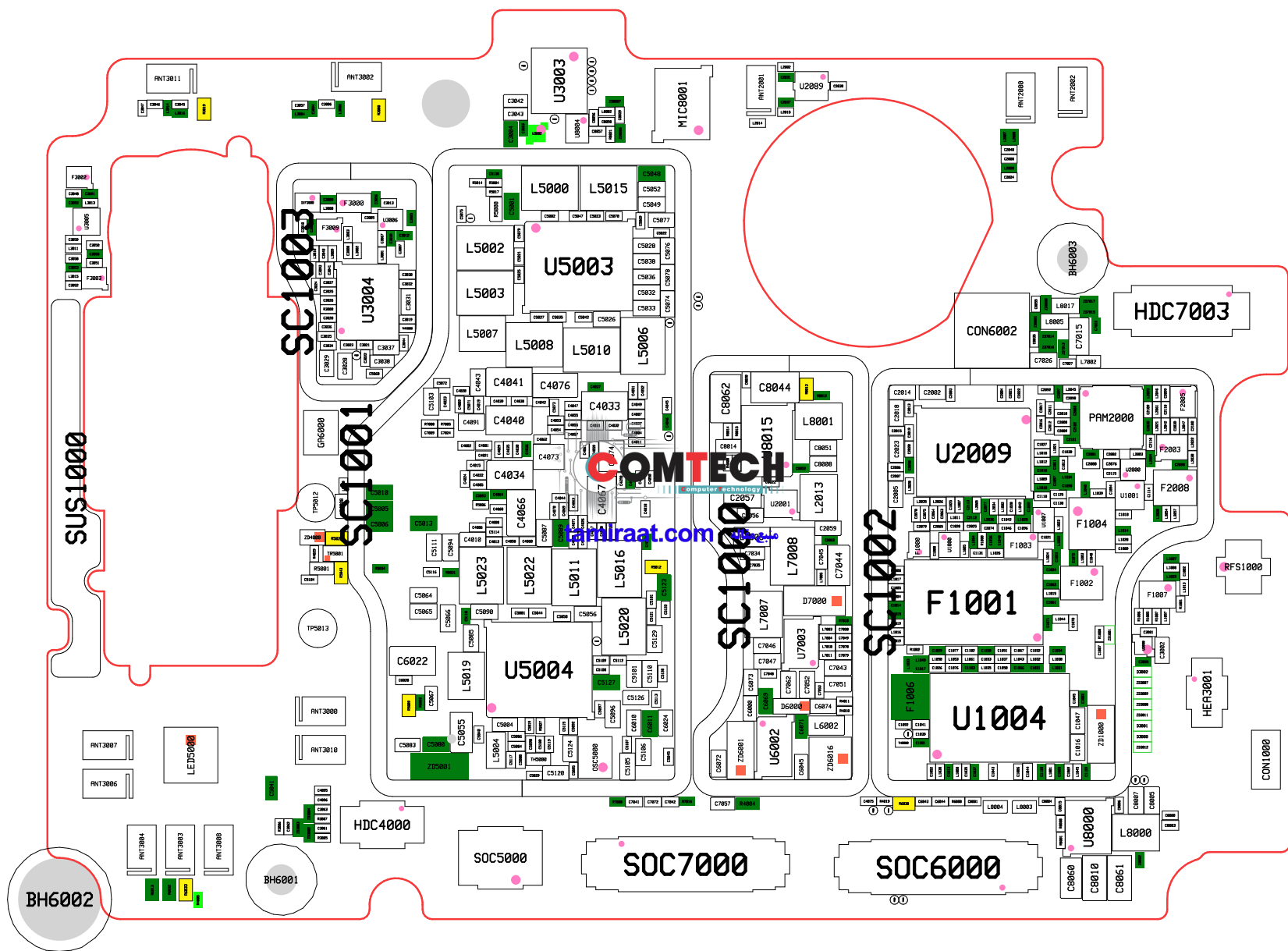
## 8. Level 3 Repair



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computer technology  
tamiraat.com منبع مقاله

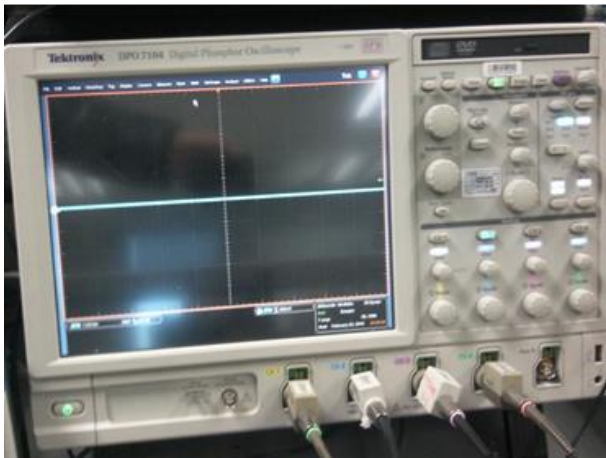






## 8. Level 3 Repair

### 8-2. Flow chart of Troubleshooting.



**Oscilloscope**



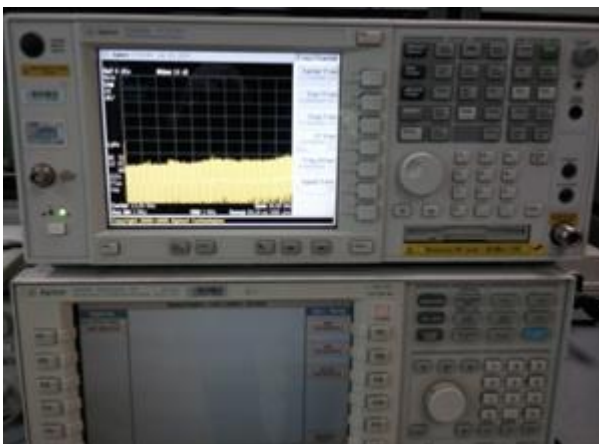
**Digital Multimeter**



**Power Supply**



**+ driver, ESD Safe Tweezer**



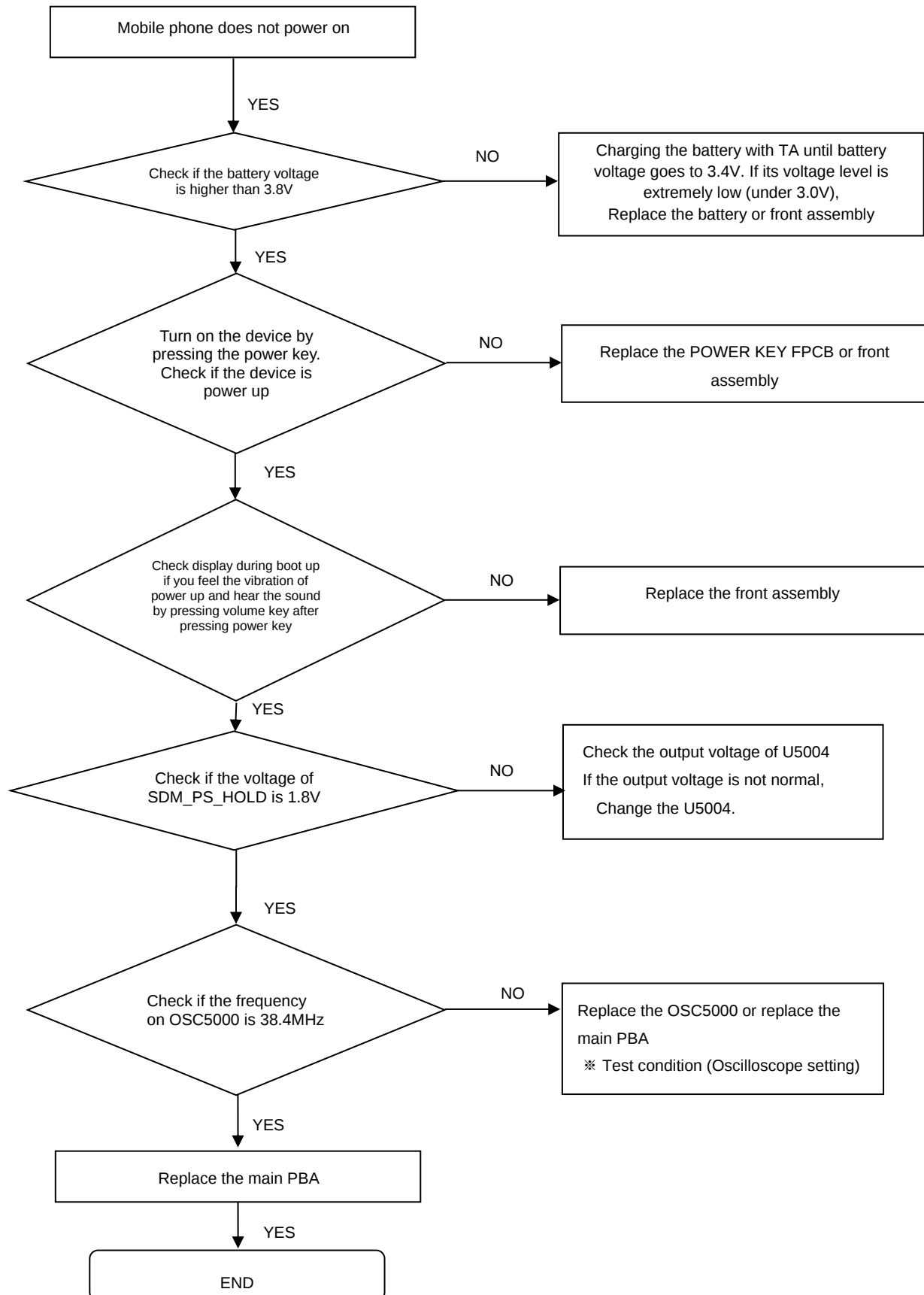
**8960 & Spectrum Analyzer**



**Soldering iron**

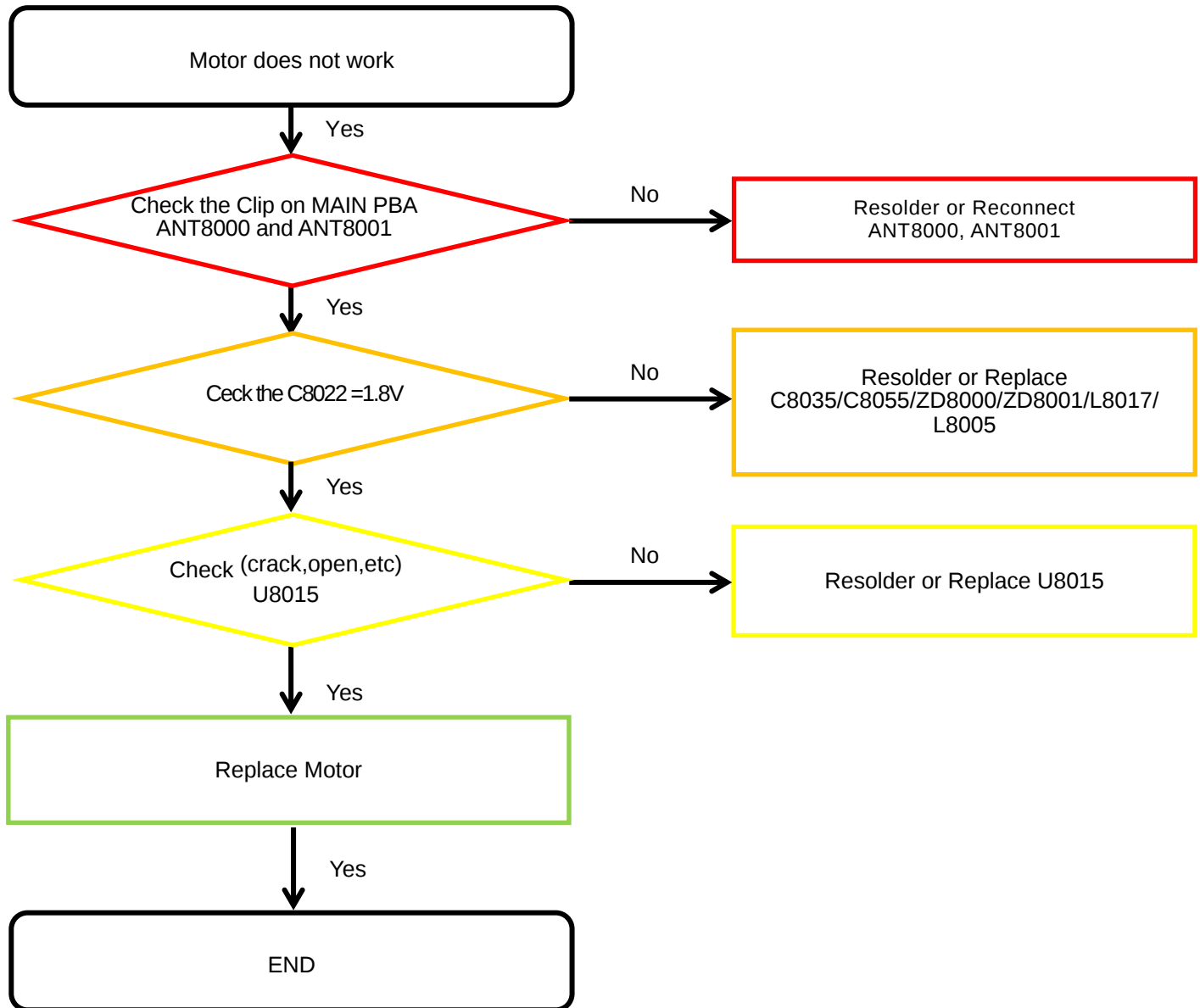
## 8. Level 3 Repair

### 8-3-1. Power on



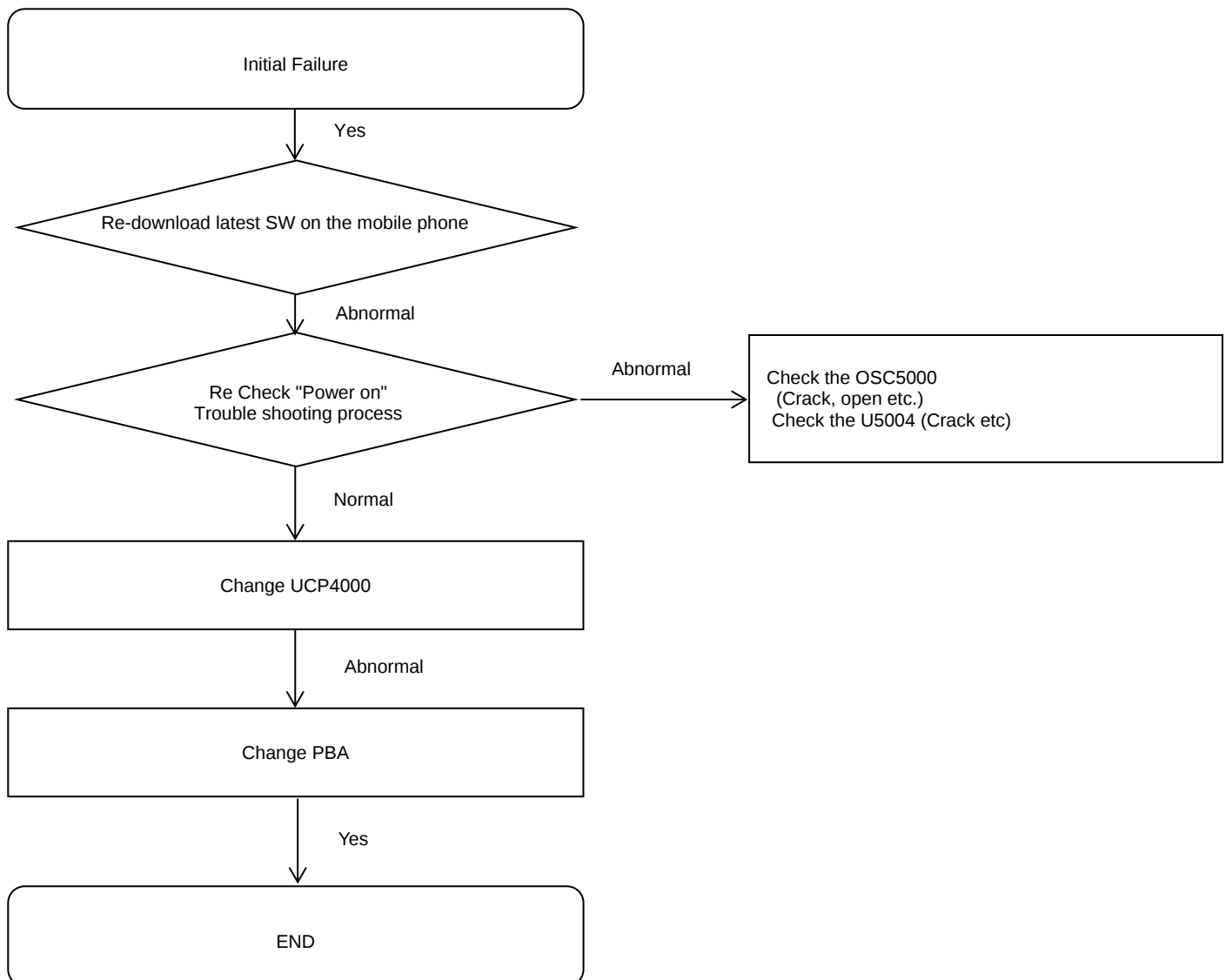
## 8. Level 3 Repair

### 8-3-2. Motor



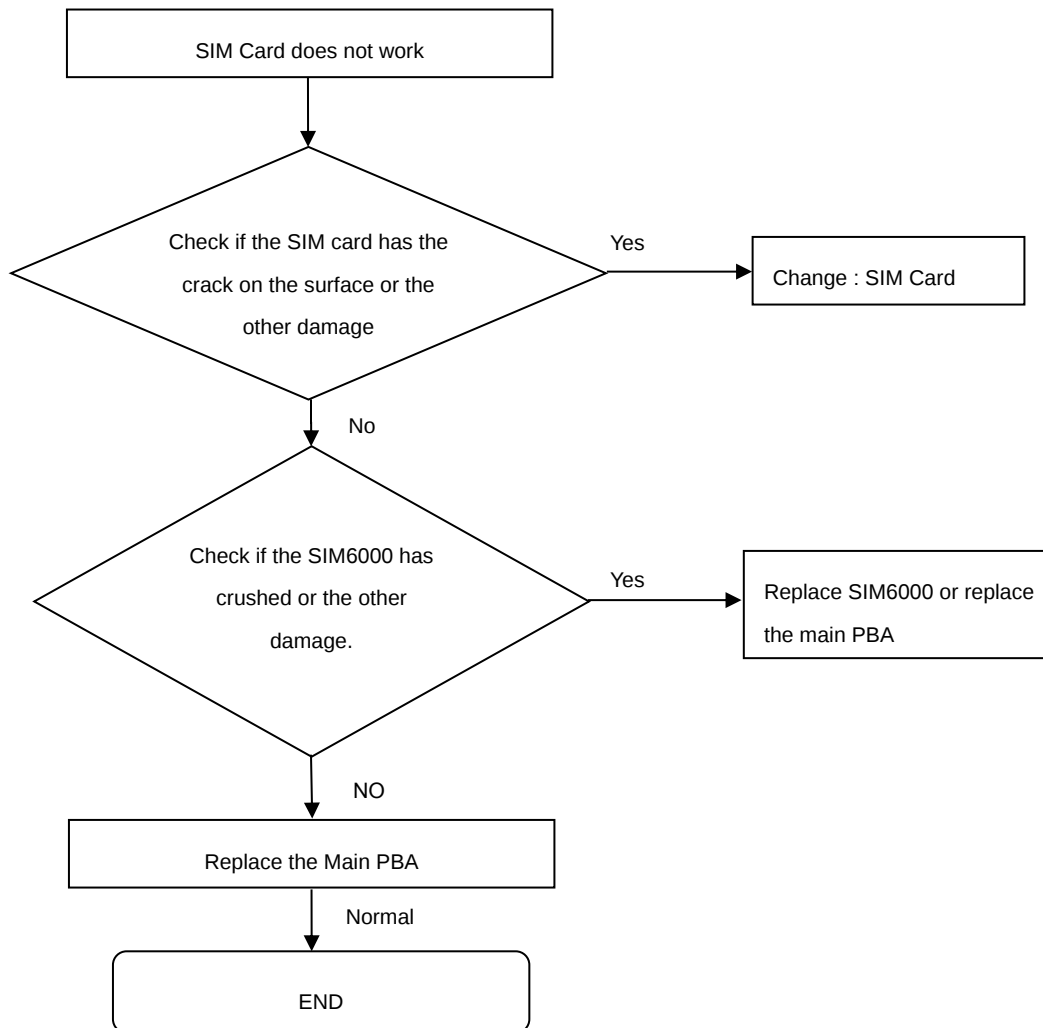
## 8. Level 3 Repair

### 8-3-3. initial



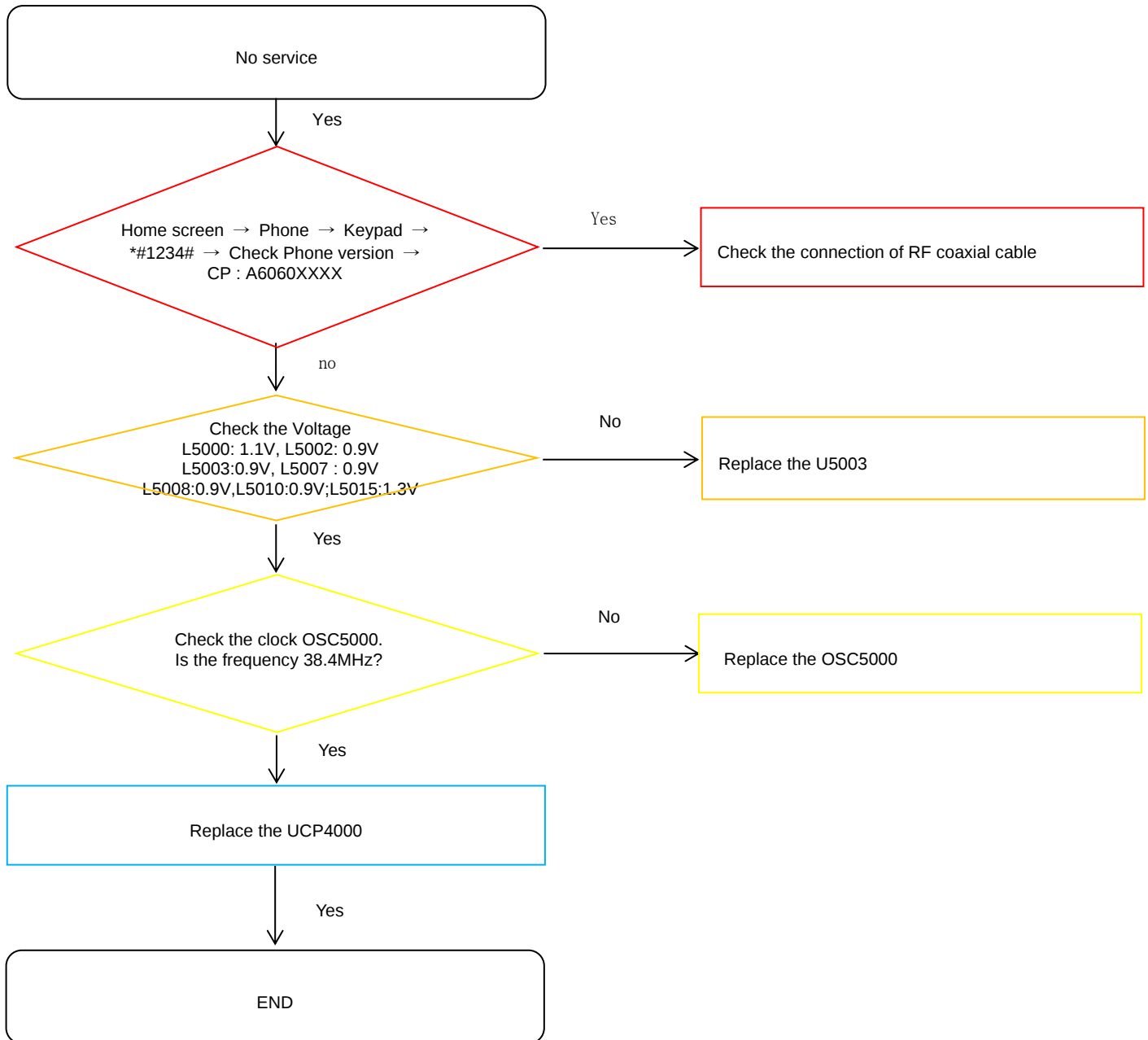
## 8. Level 3 Repair

### 8-3-4. SIM PART



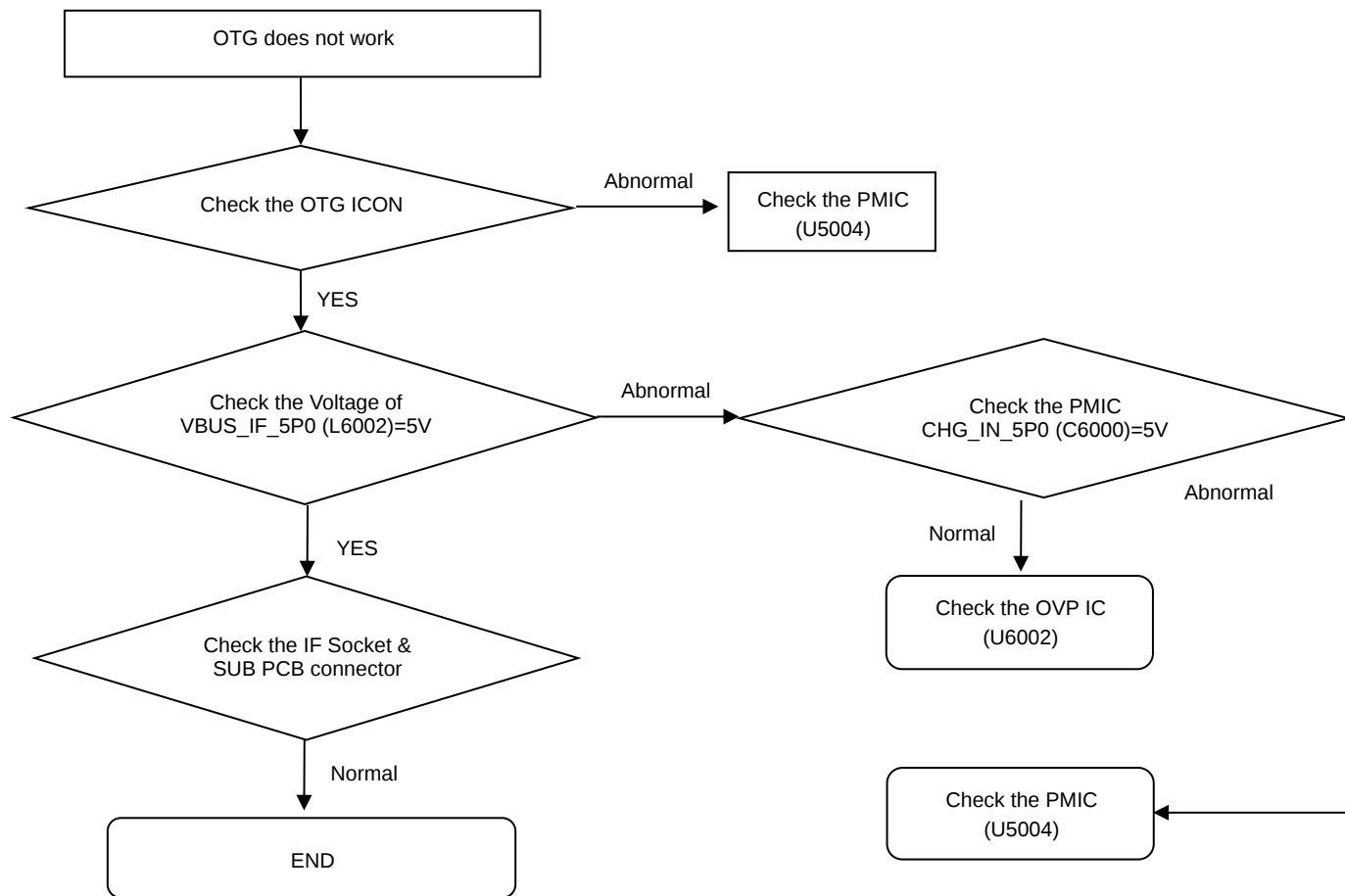
## 8. Level 3 Repair

### 8-3-5. No Service



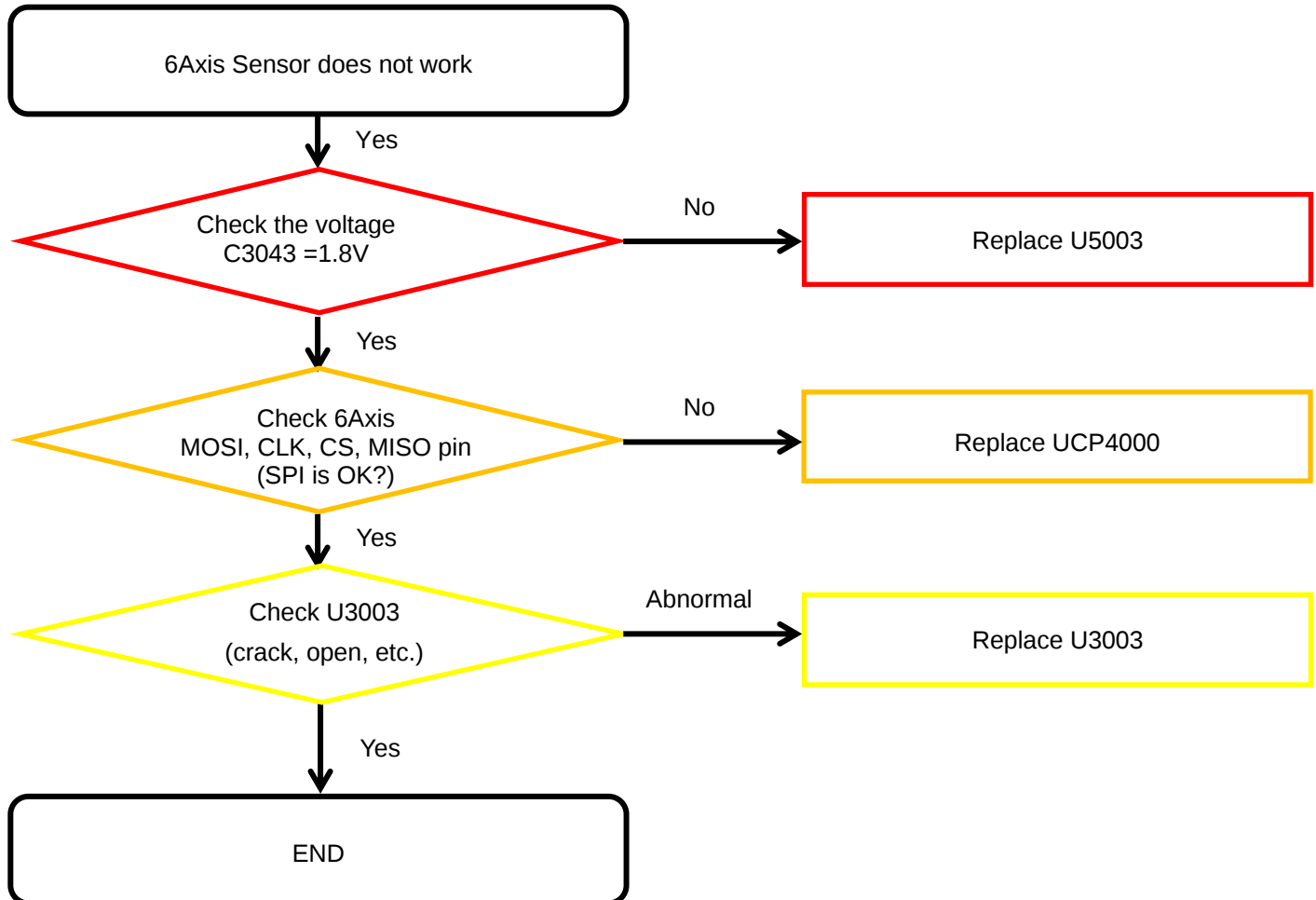
## 8. Level 3 Repair

### 8-3-6. OTG



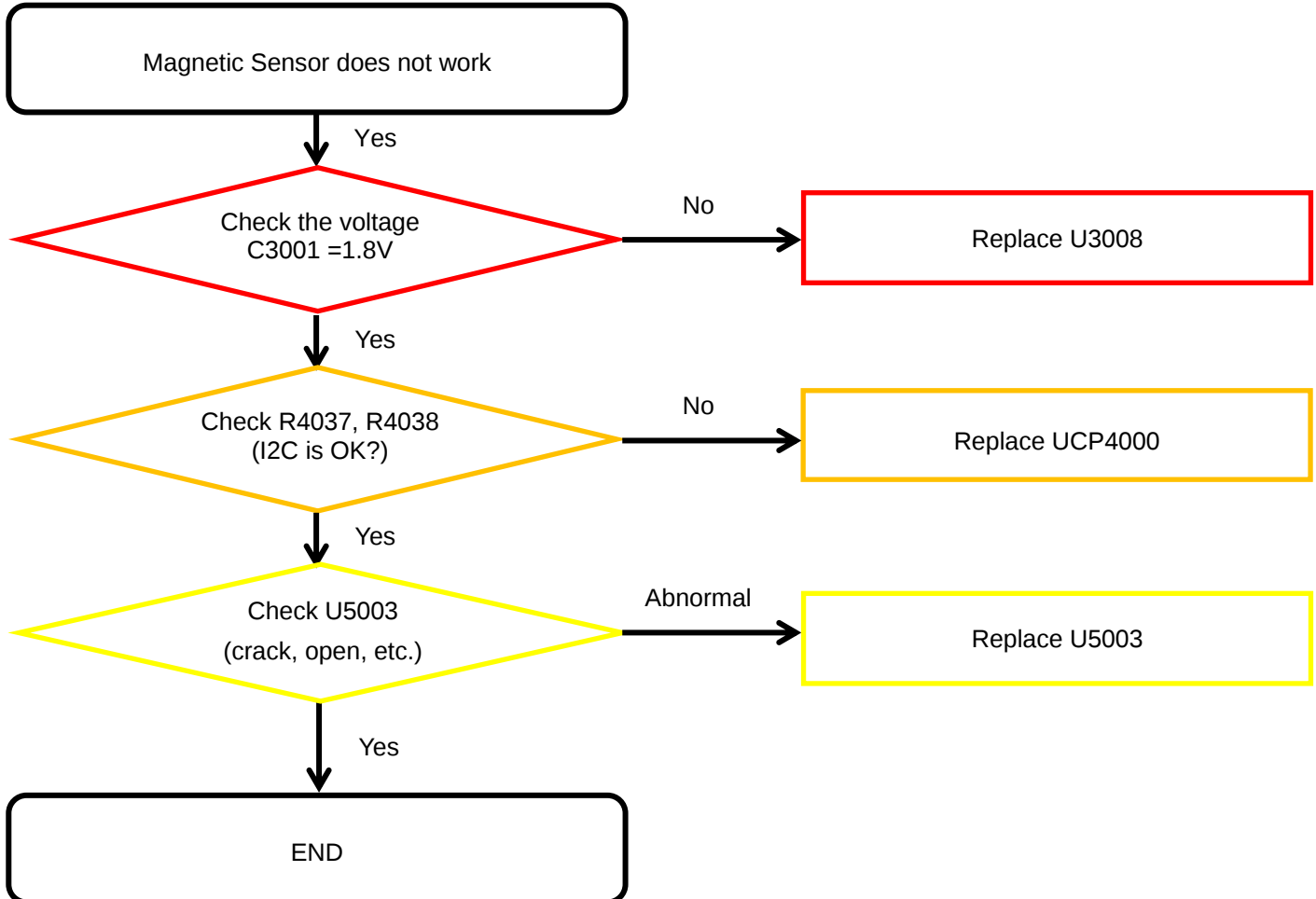
## 8. Level 3 Repair

### 8-3-7. 6Axis sensor



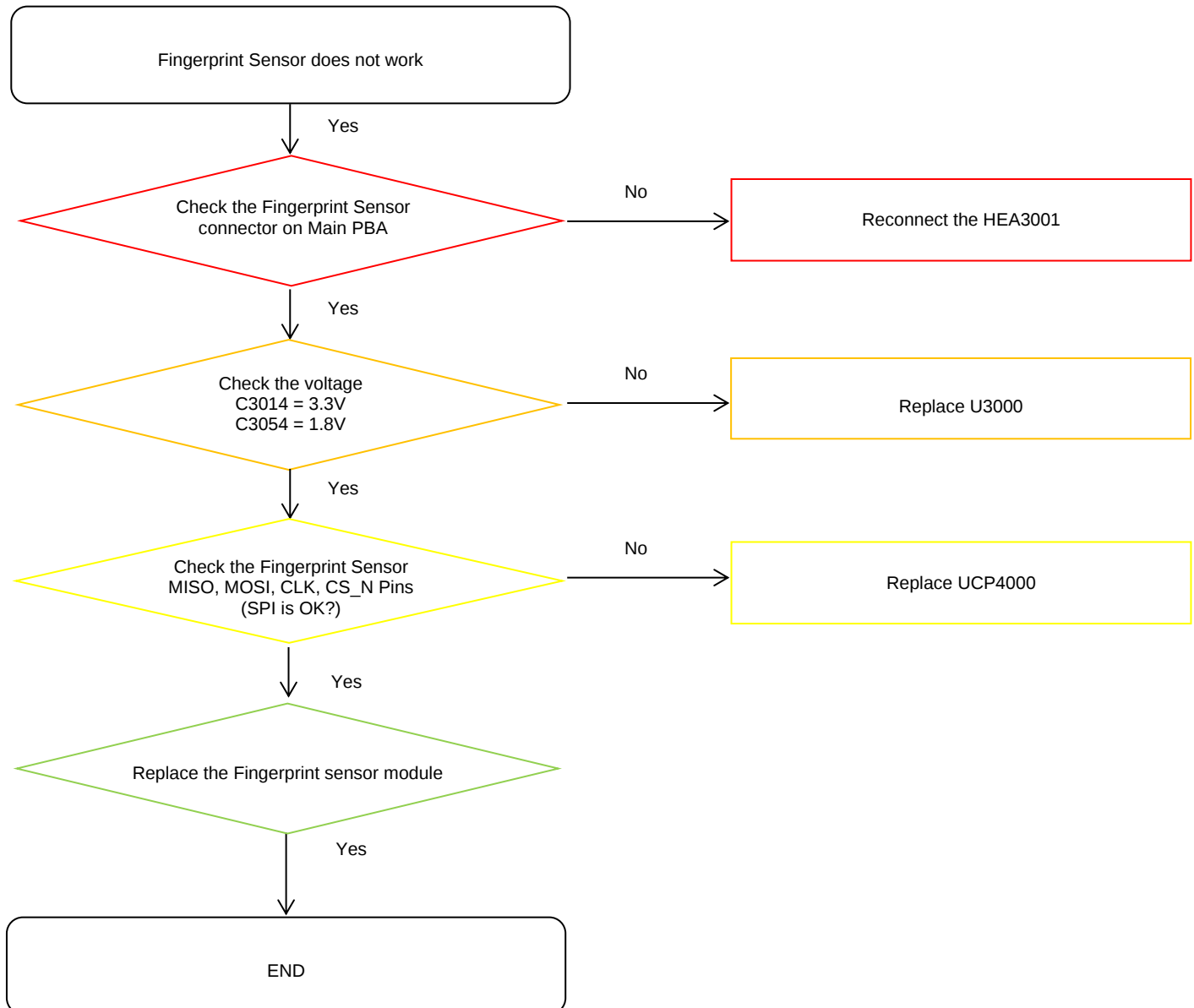
## 8. Level 3 Repair

### 8-3-8. Magnetic sensor



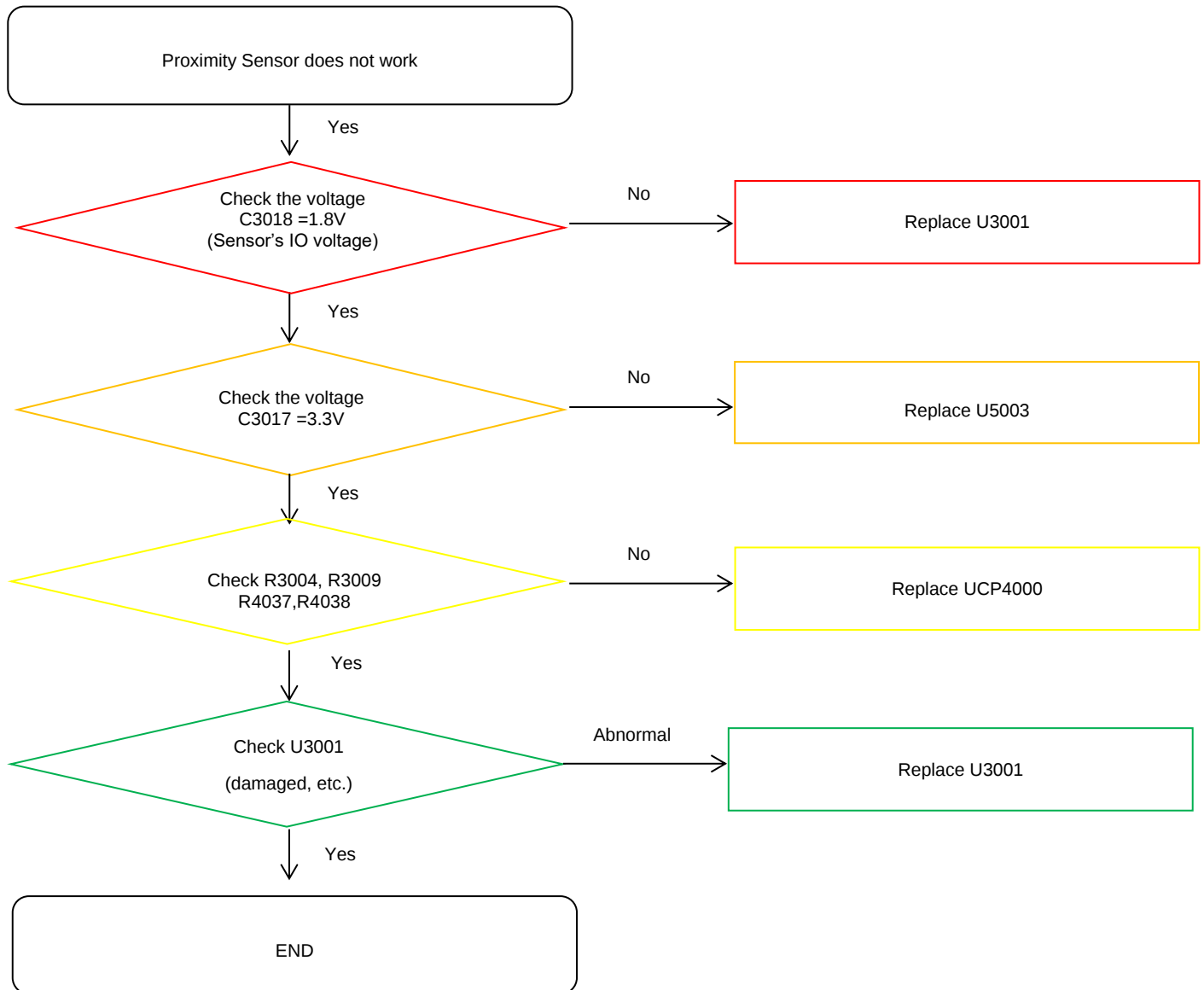
## 8. Level 3 Repair

### 8-3-9. Fingerprint Sensor



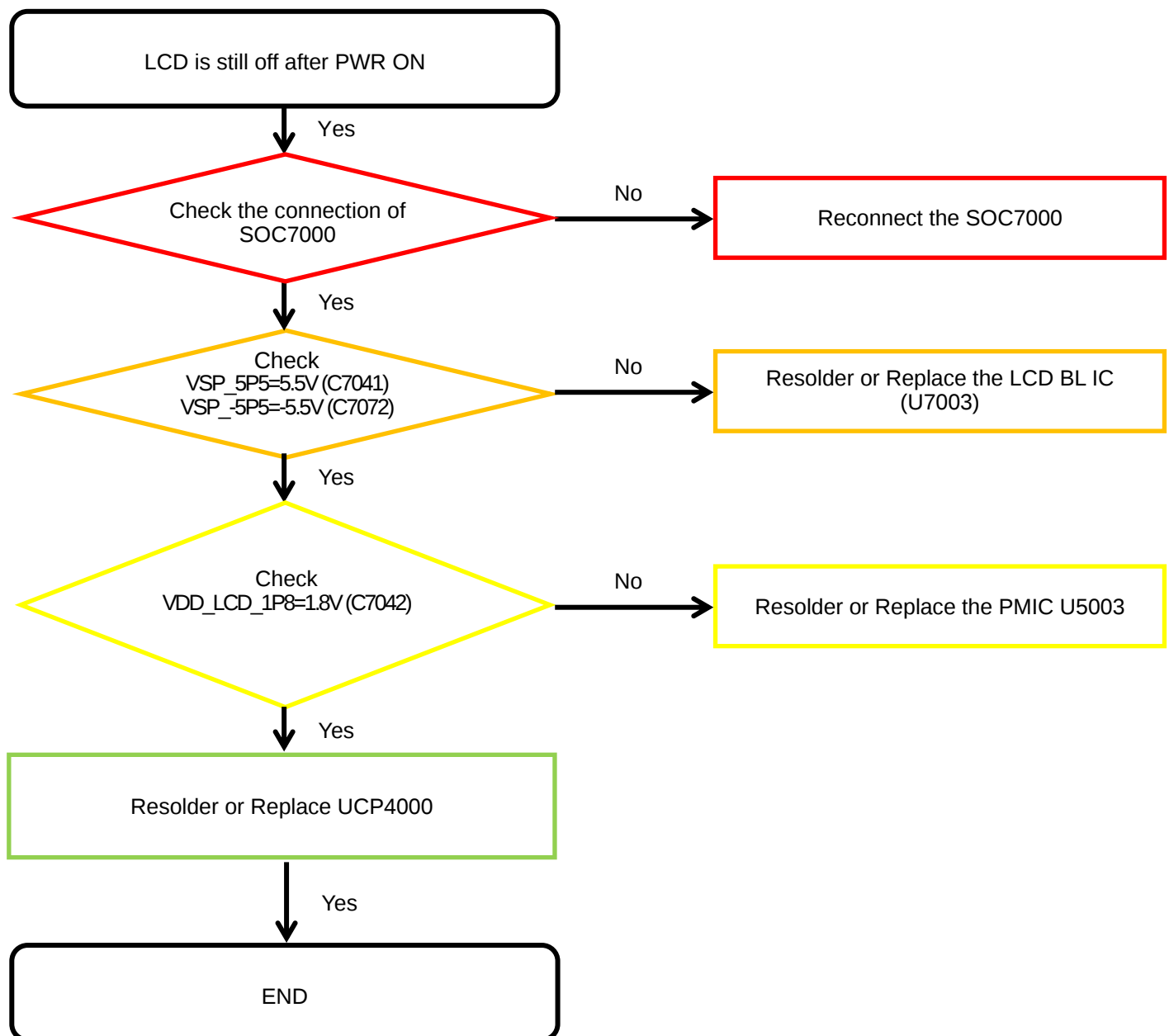
## 8. Level 3 Repair

### 8-3-10. Proximity + RGB sensor



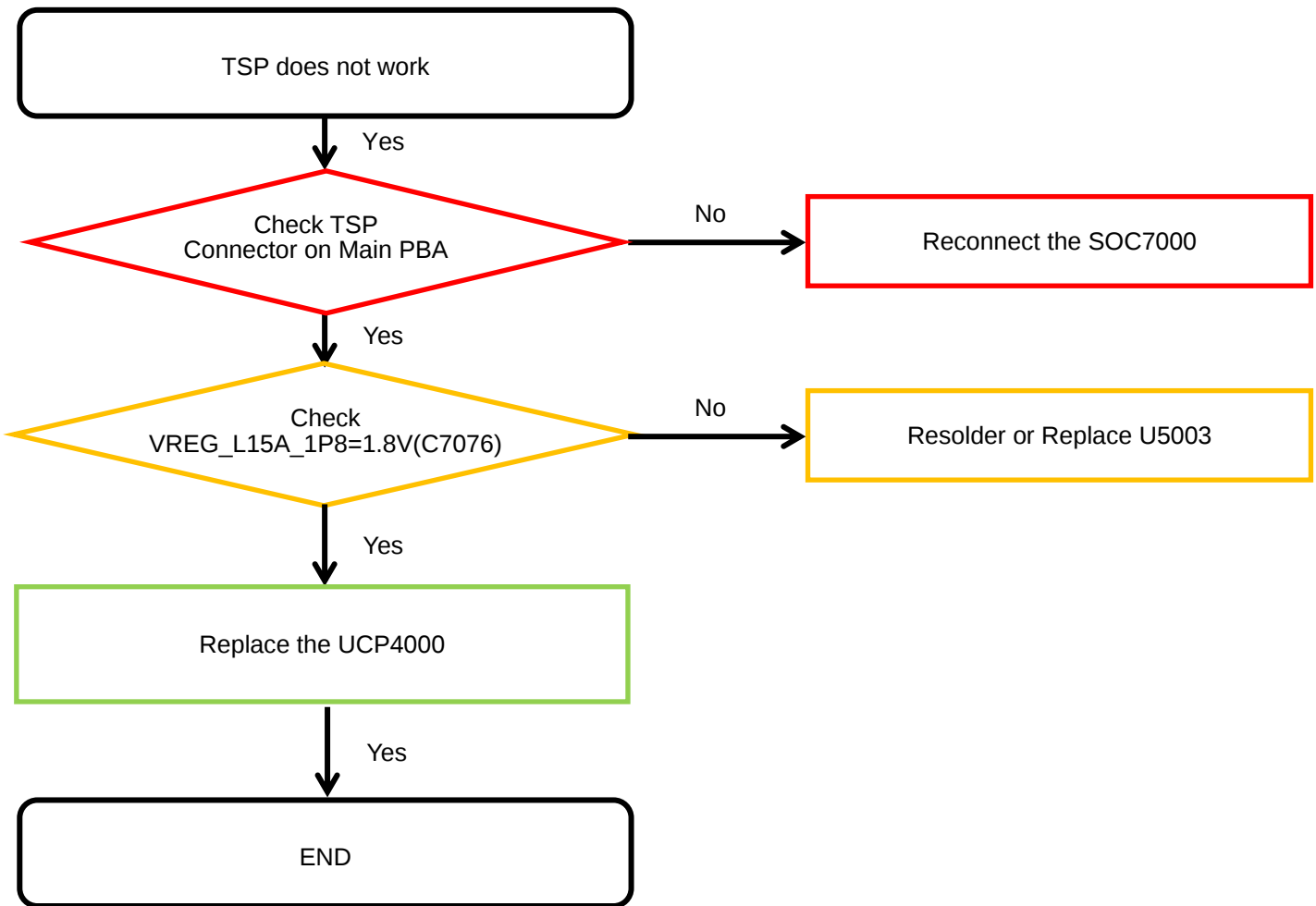
## 8. Level 3 Repair

### 8-3-11. Display



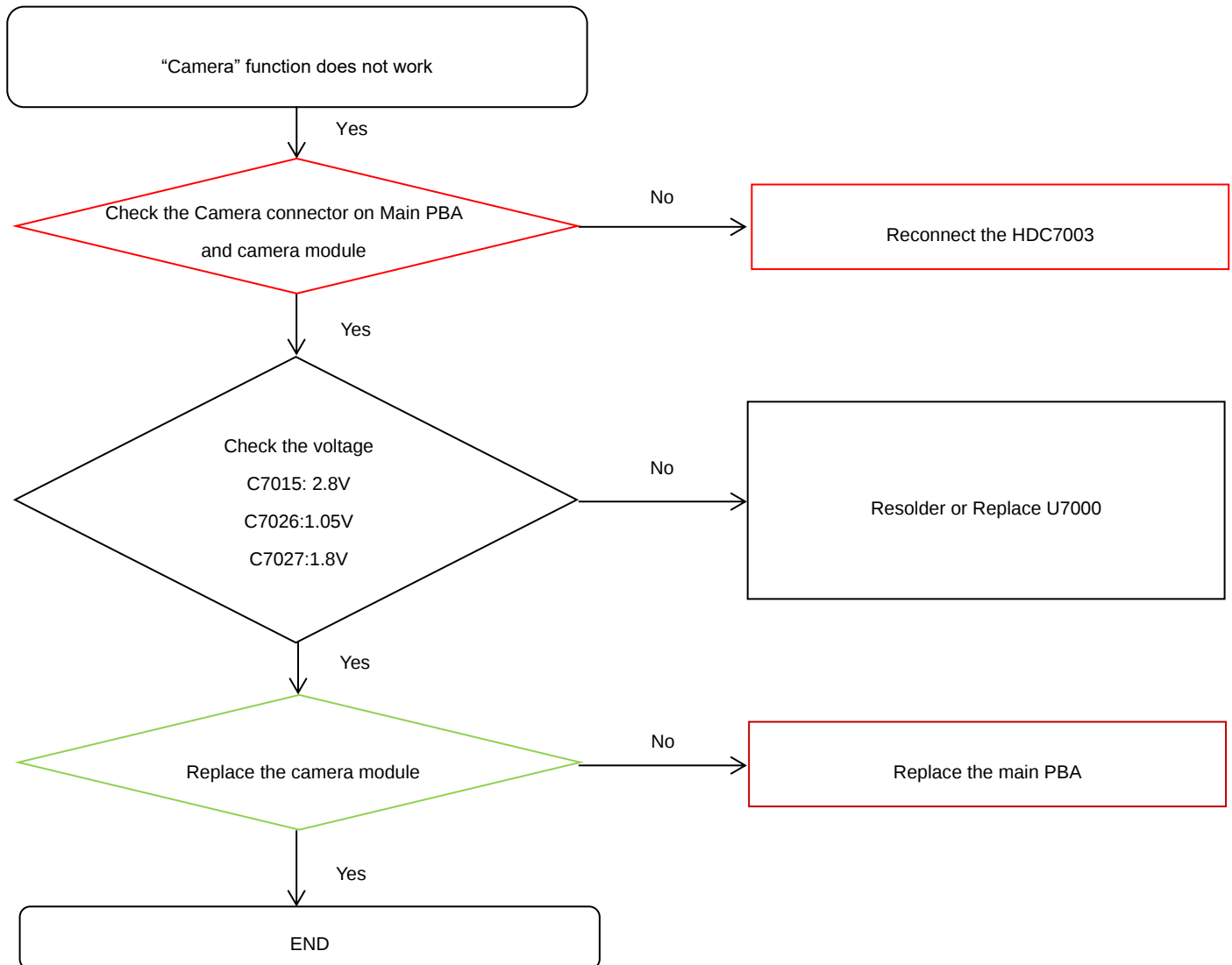
## 8. Level 3 Repair

### 8-3-12. TSP



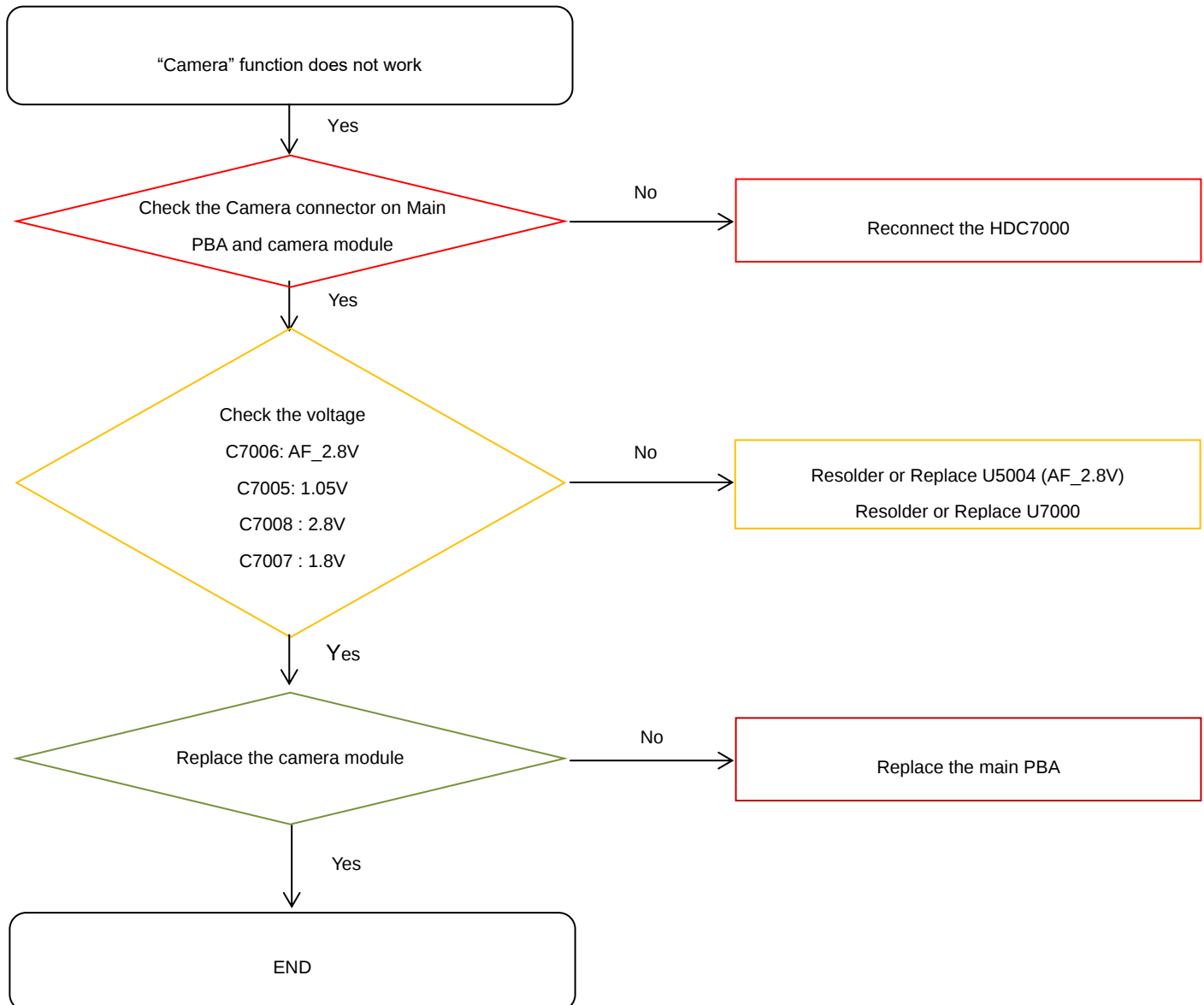
## 8. Level 3 Repair

### 8-3-13. VT CAMERA



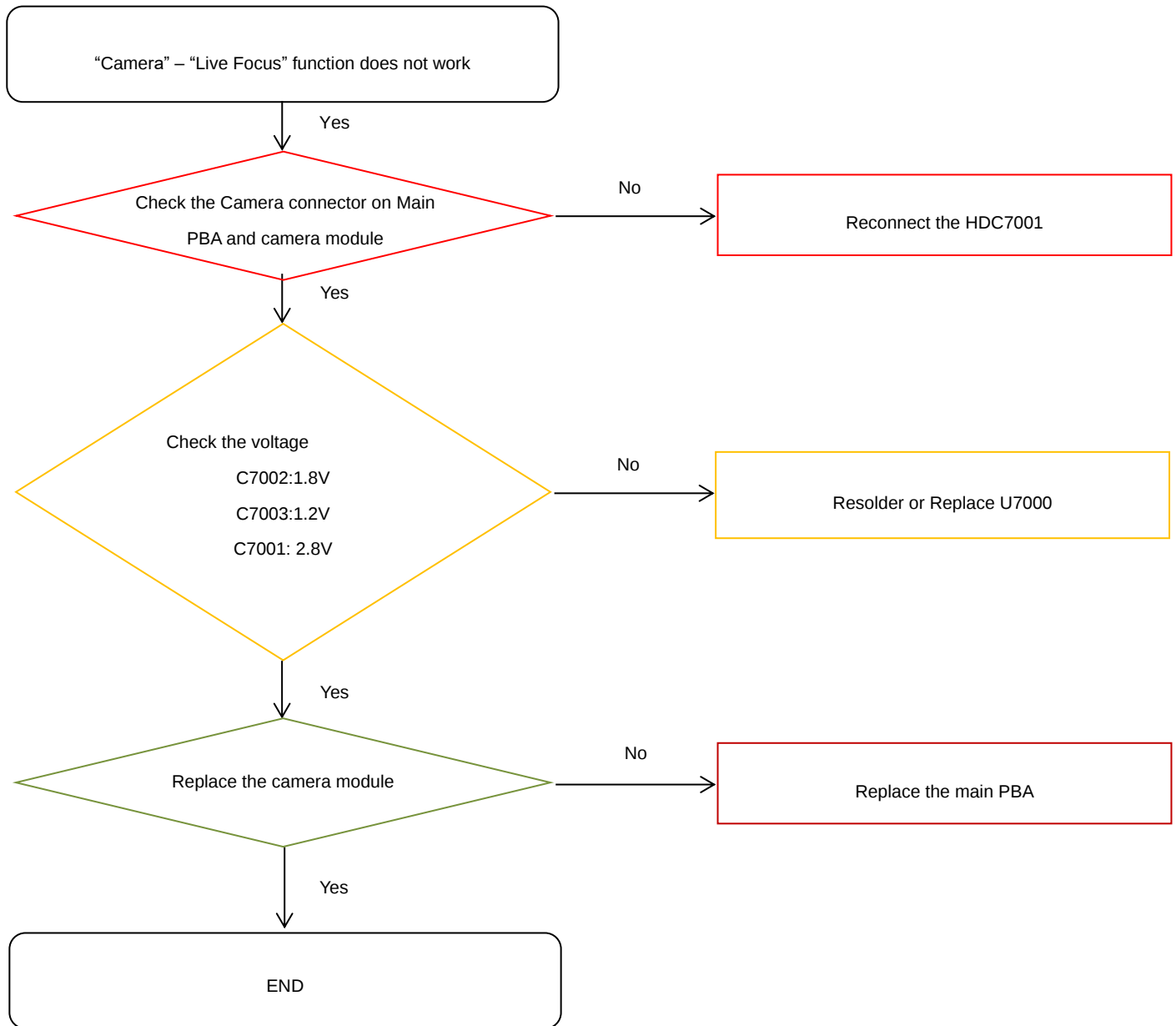
## 8. Level 3 Repair

### 8-3-14. 24M REAR CAMERA



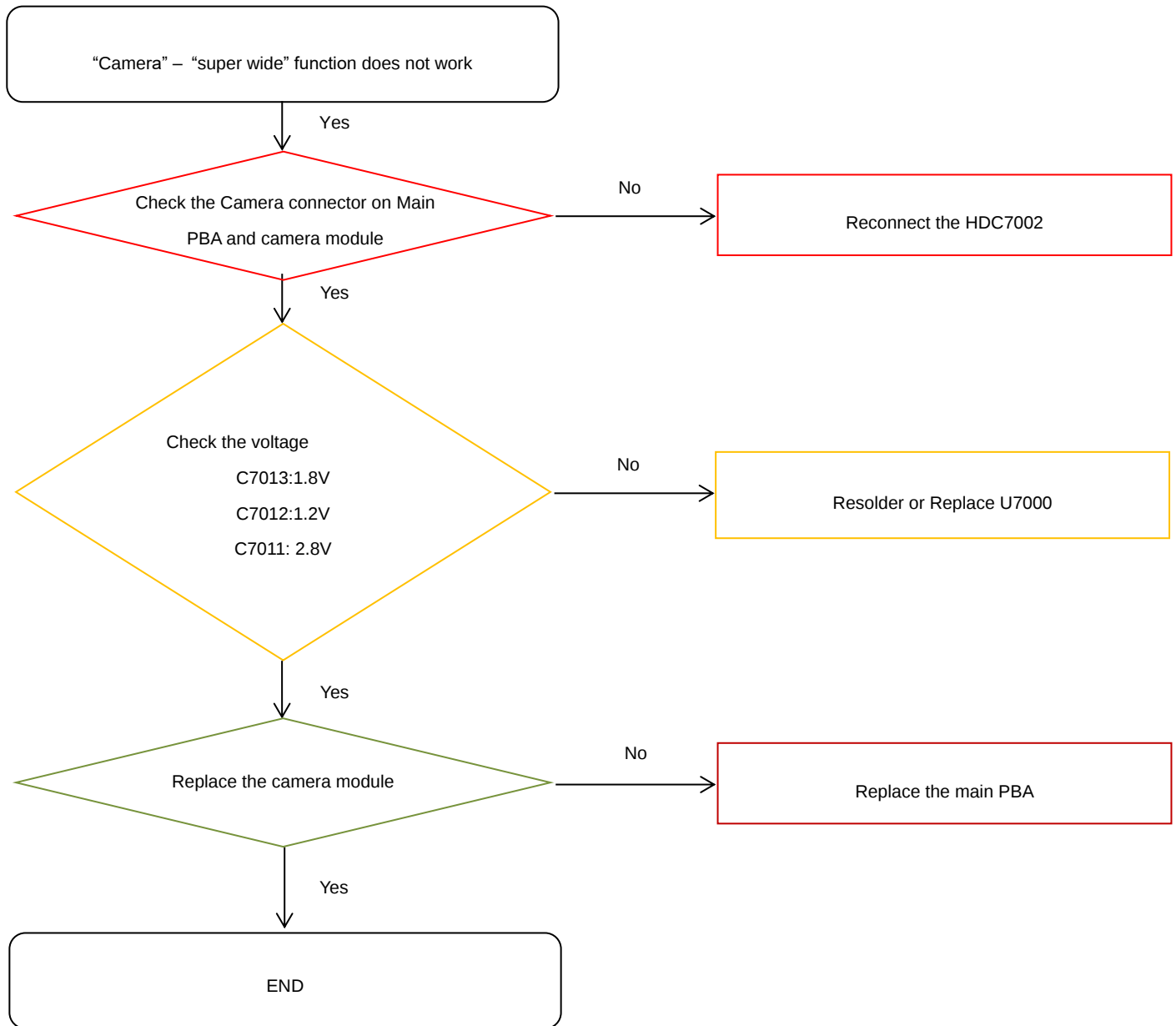
## 8. Level 3 Repair

### 8-3-15. 5M REAR CAMERA



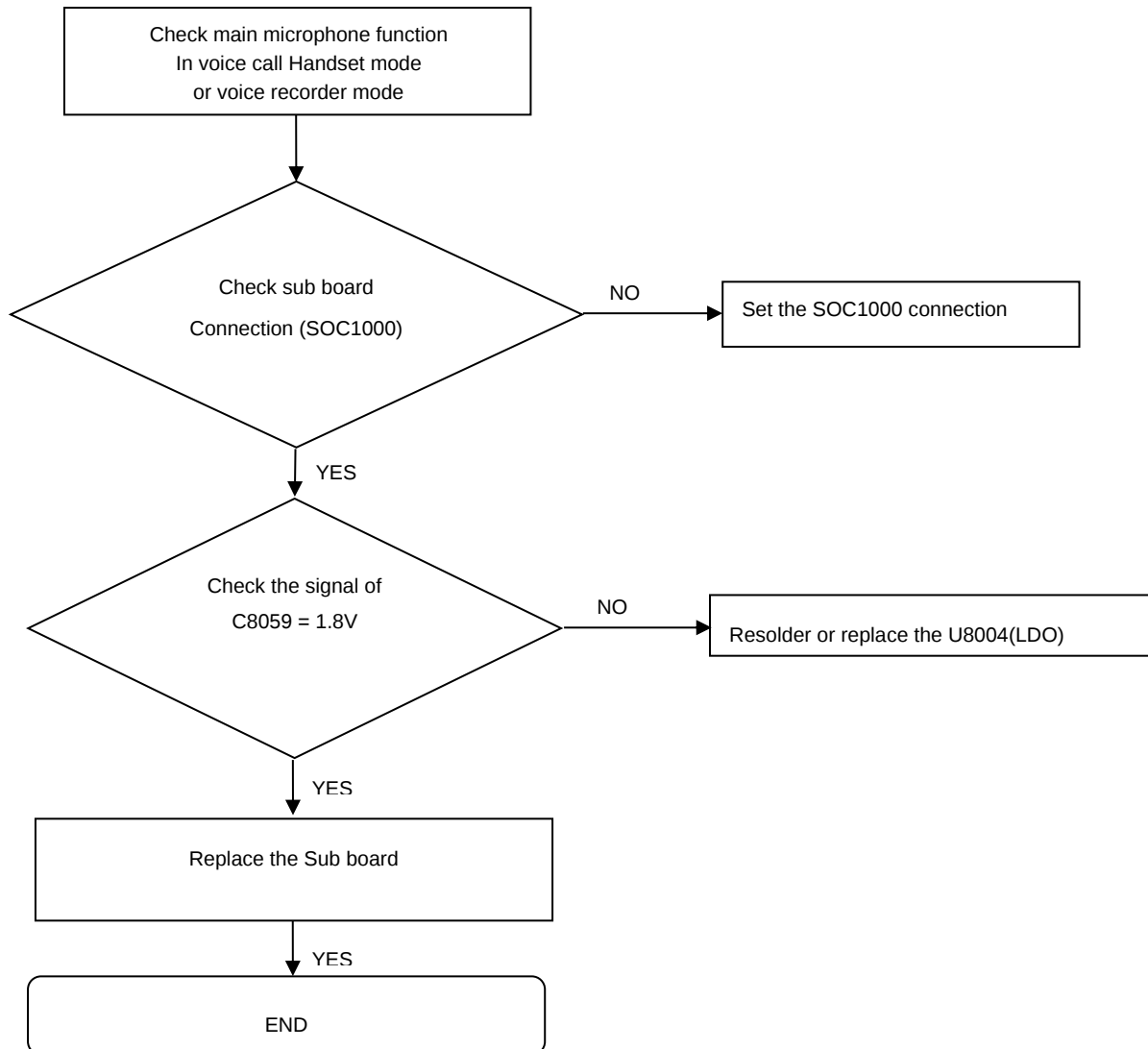
## 8. Level 3 Repair

### 8-3-16. 10M REAR CAMERA



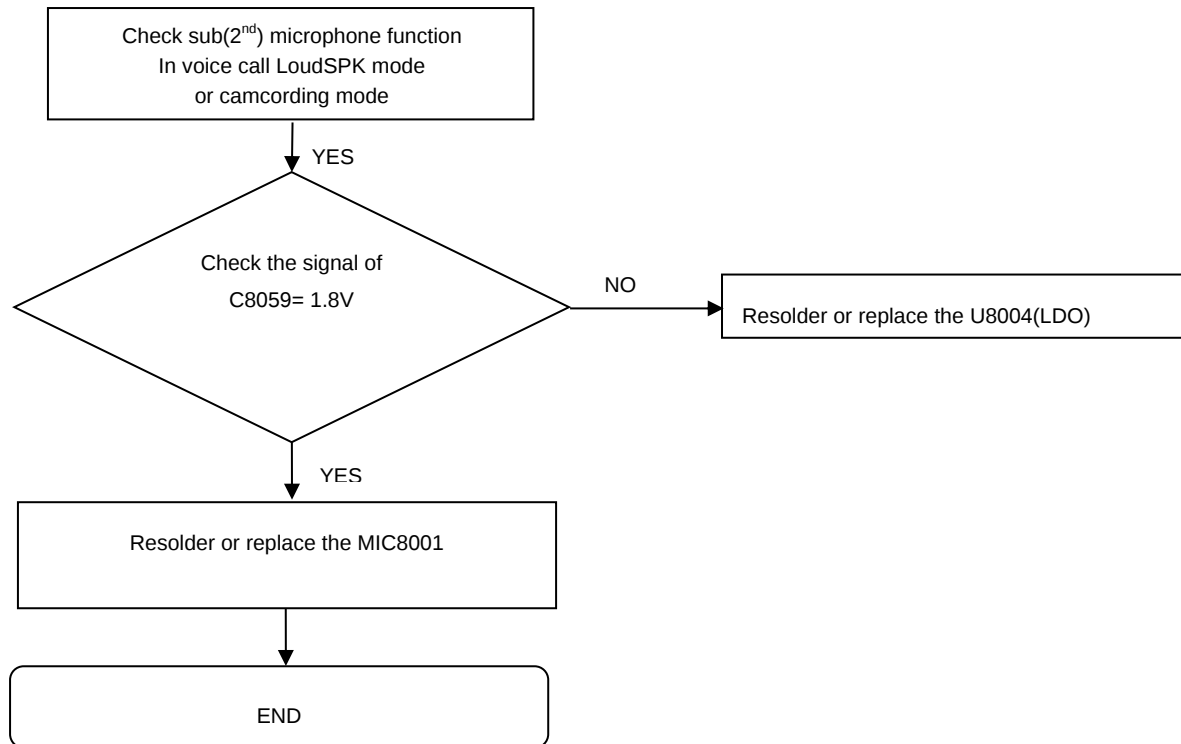
## 8. Level 3 Repair

### 8-3-17-1. Main MIC



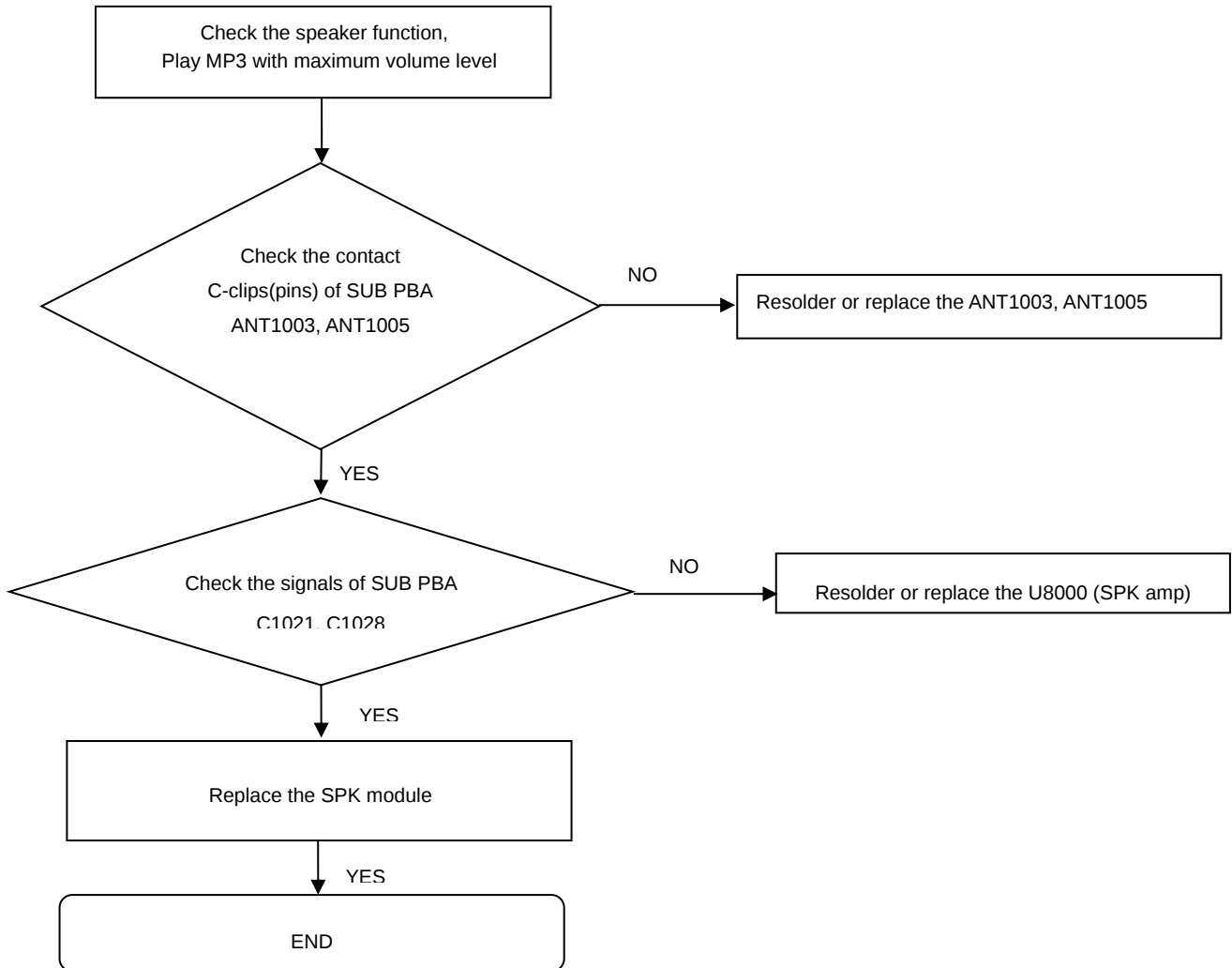
## 8. Level 3 Repair

### 8-3-17-2. Sub(2<sup>nd</sup>) MIC



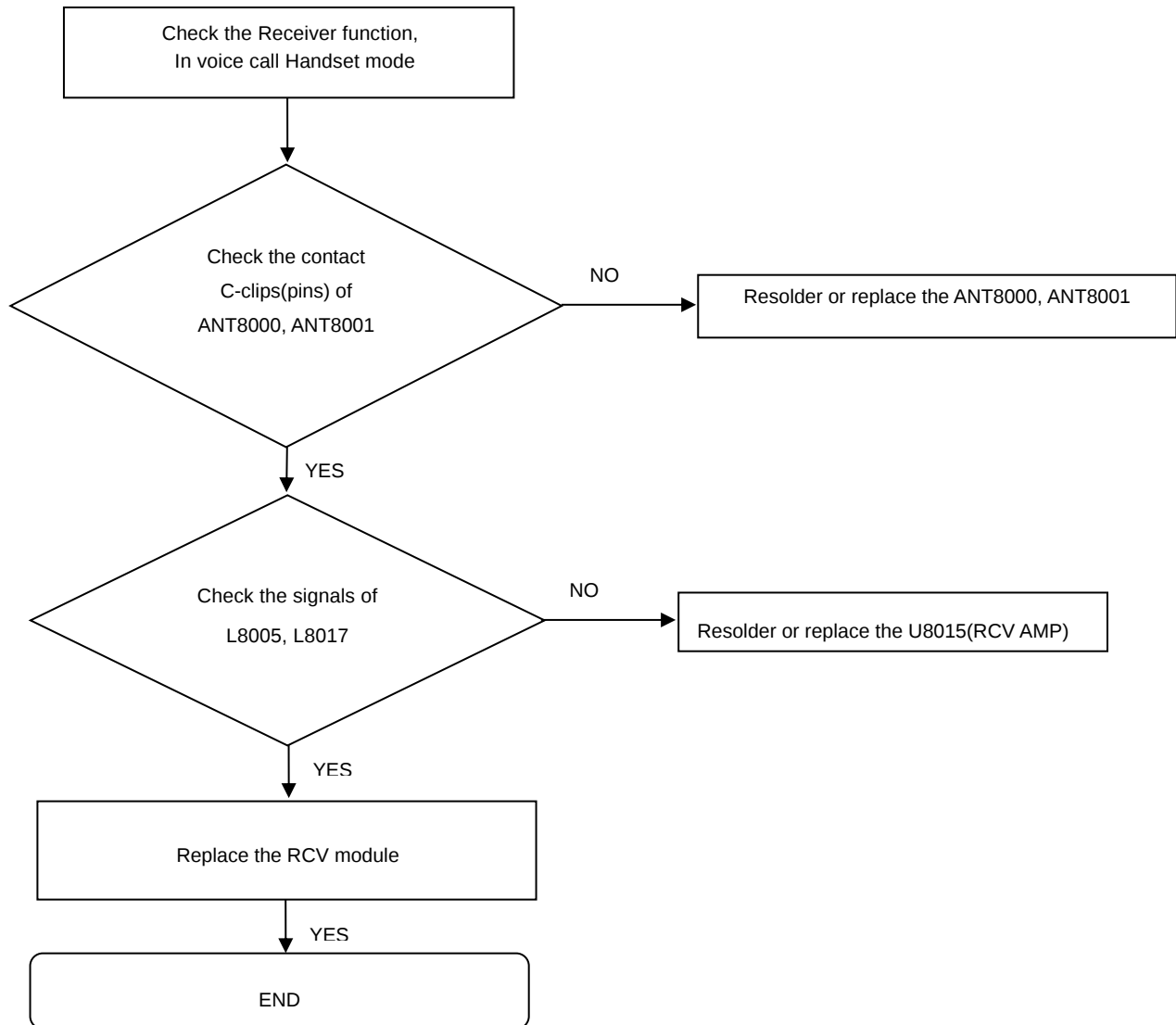
## 8. Level 3 Repair

### 8-3-18. Speaker part



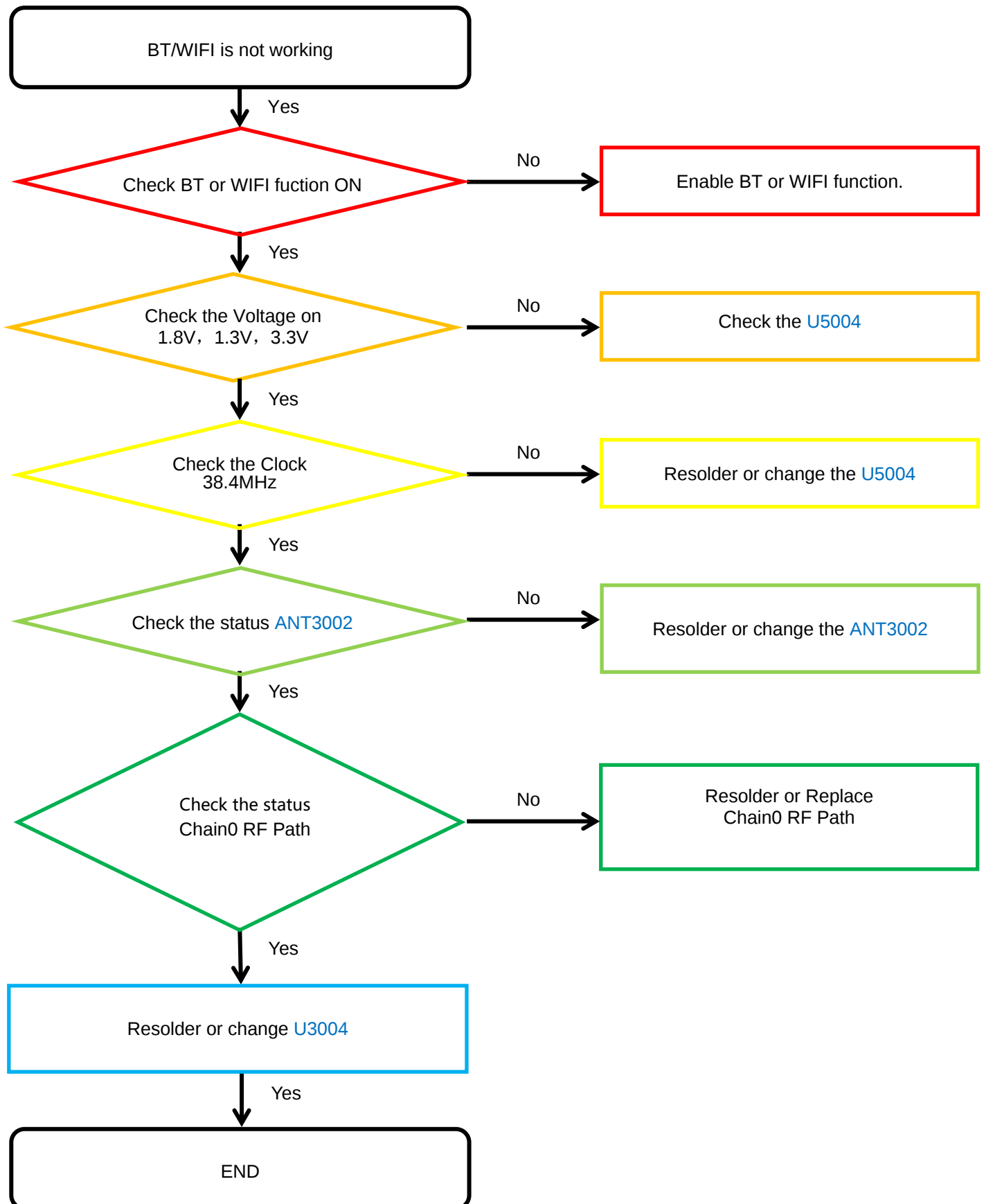
## 8. Level 3 Repair

### 8-3-19. Receiver part



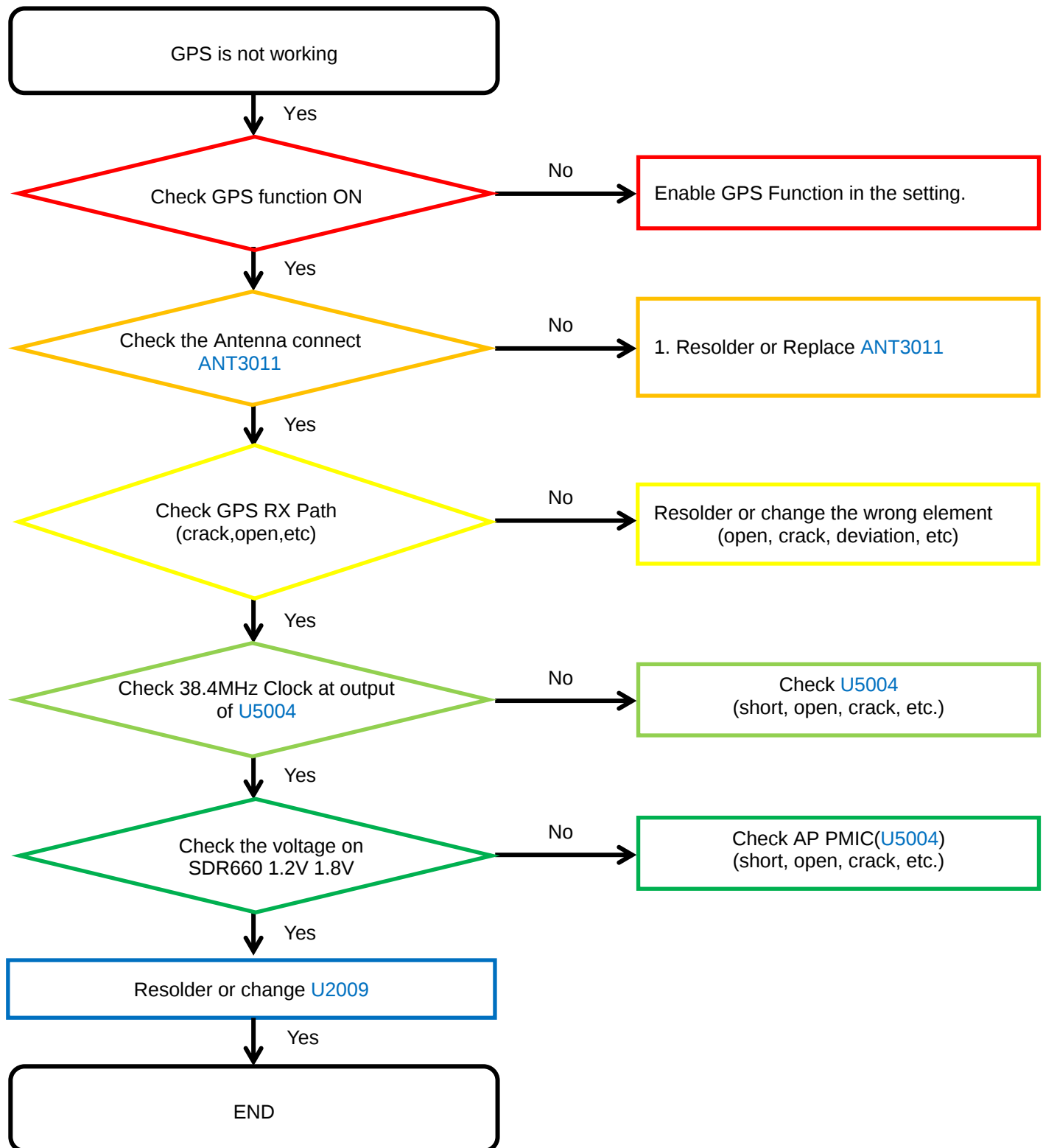
## 8. Level 3 Repair

### 8-3-20. BT/WIFI



## 8. Level 3 Repair

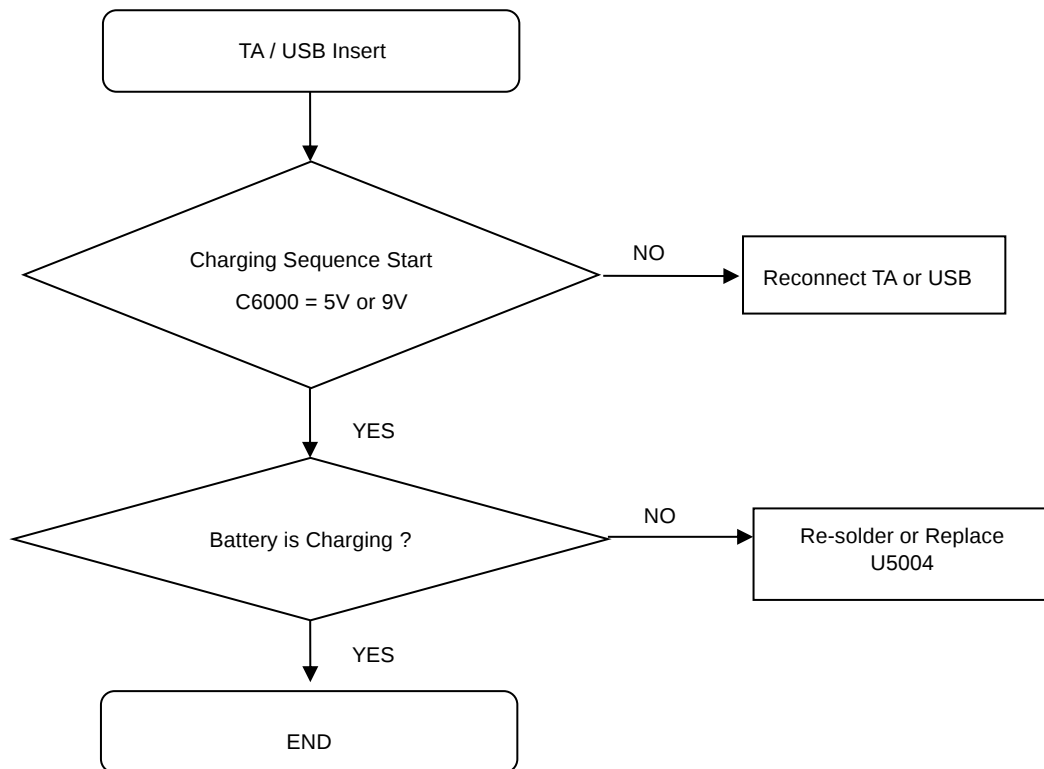
### 8-3-21. GPS



## 8. Level 3 Repair

### 8-3-23. Charging Part

#### Wire Charging (Normal/Fast)



## 8. Level 3 Repair

### 8-4. Service Schematics

#### - NC Point(Top View)

