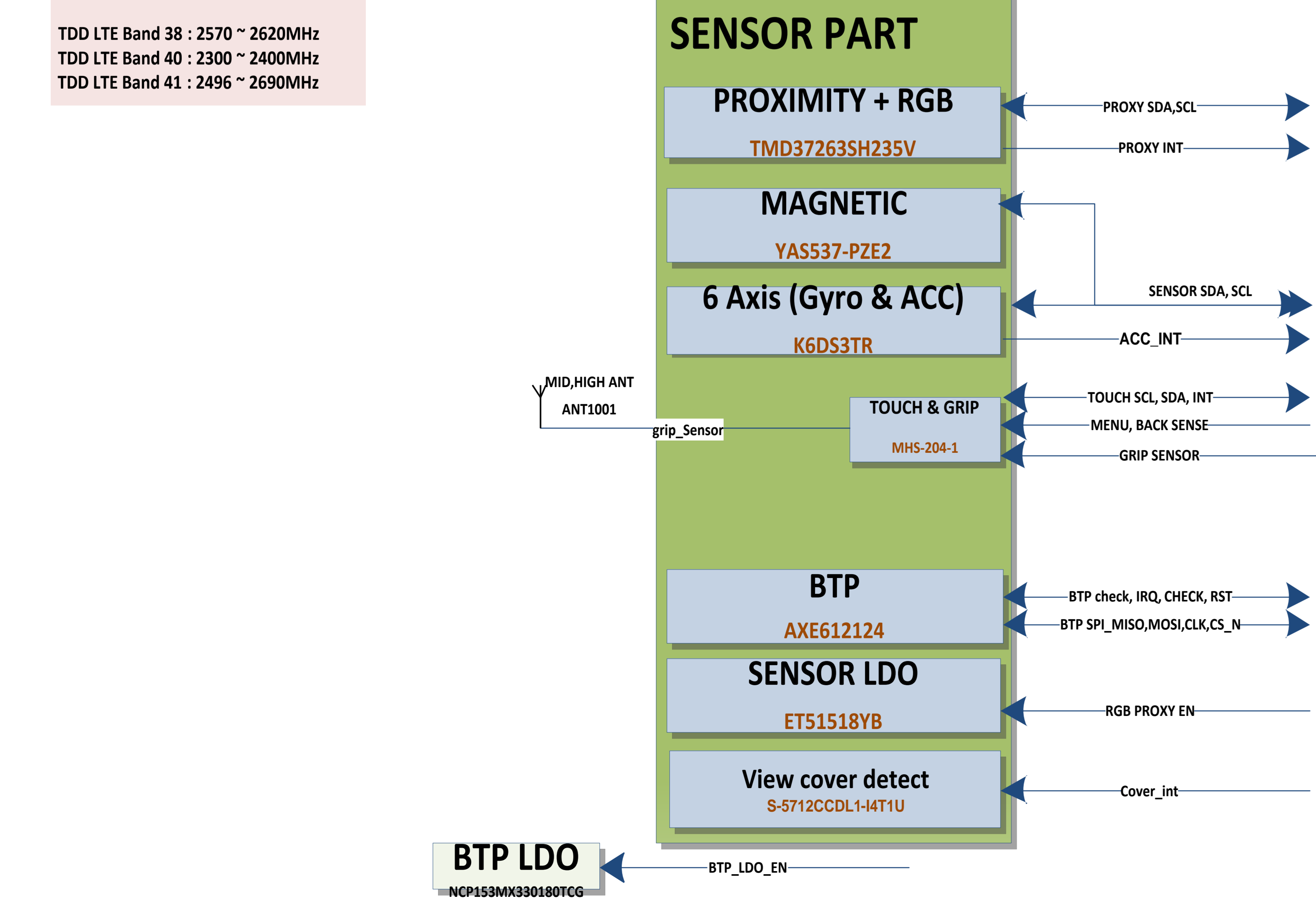


- GSM850 : 824.2 ~ 848.8MHz
- GSM900 : 880.2 ~ 914.8MHz
- DCS1800 : 1710.2 ~ 1784.8MHz
- PCS1900 : 1850.2 ~ 1909.8MHz
- WCDMA Band 1 : 1922.4 ~ 1977.6MHz
- WCDMA Band 2 : 1852.4 ~ 1907.6MHz
- WCDMA Band 4 : 1712.4 ~ 1752.6MHz
- WCDMA Band 5 : 826.4 ~ 846.6MHz
- WCDMA Band 8 : 882.4 ~ 912.6MHz
- FDD LTE Band 1 : 1920 ~ 1989MHz
- FDD LTE Band 2 : 1850 ~ 1910MHz
- FDD LTE Band 3 : 1710 ~ 1785MHz
- FDD LTE Band 4 : 1710 ~ 1755MHz
- FDD LTE Band 5 : 824 ~ 849 MHz
- FDD LTE Band 7 : 2500 ~ 2570MHz
- FDD LTE Band 8 : 880 ~ 915MHz
- FDD LTE Band 12 : 699 ~ 716MHz
- FDD LTE Band 17 : 704 ~ 716MHz
- FDD LTE Band 20 : 832 ~ 862MHz
- FDD LTE Band 28 : 703 ~ 748MHz
- FDD LTE Band 66 : 1710 ~ 1780MHz
- TDD LTE Band 38 : 2570 ~ 2620MHz
- TDD LTE Band 40 : 2300 ~ 2400MHz
- TDD LTE Band 41 : 2496 ~ 2690MHz



AP

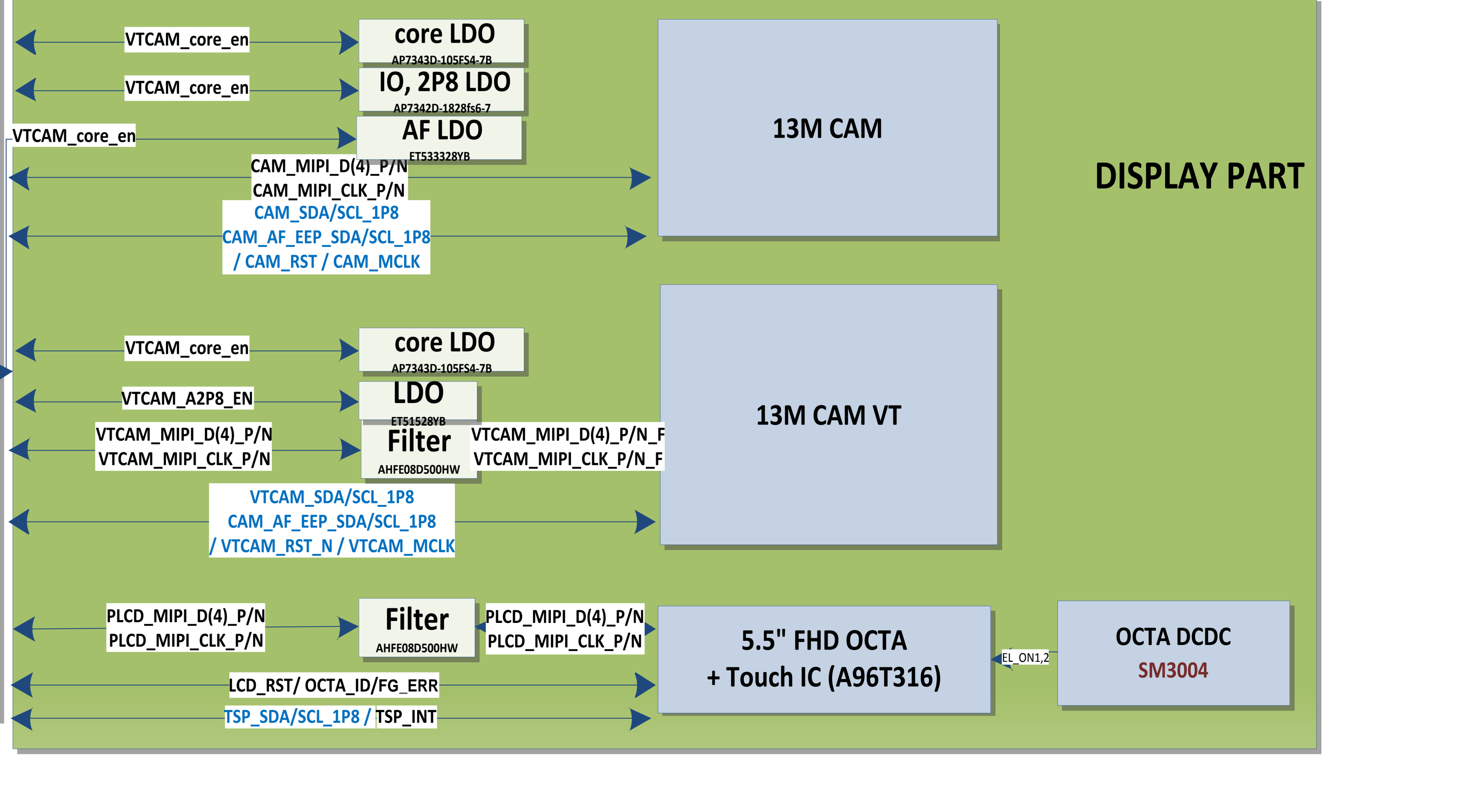
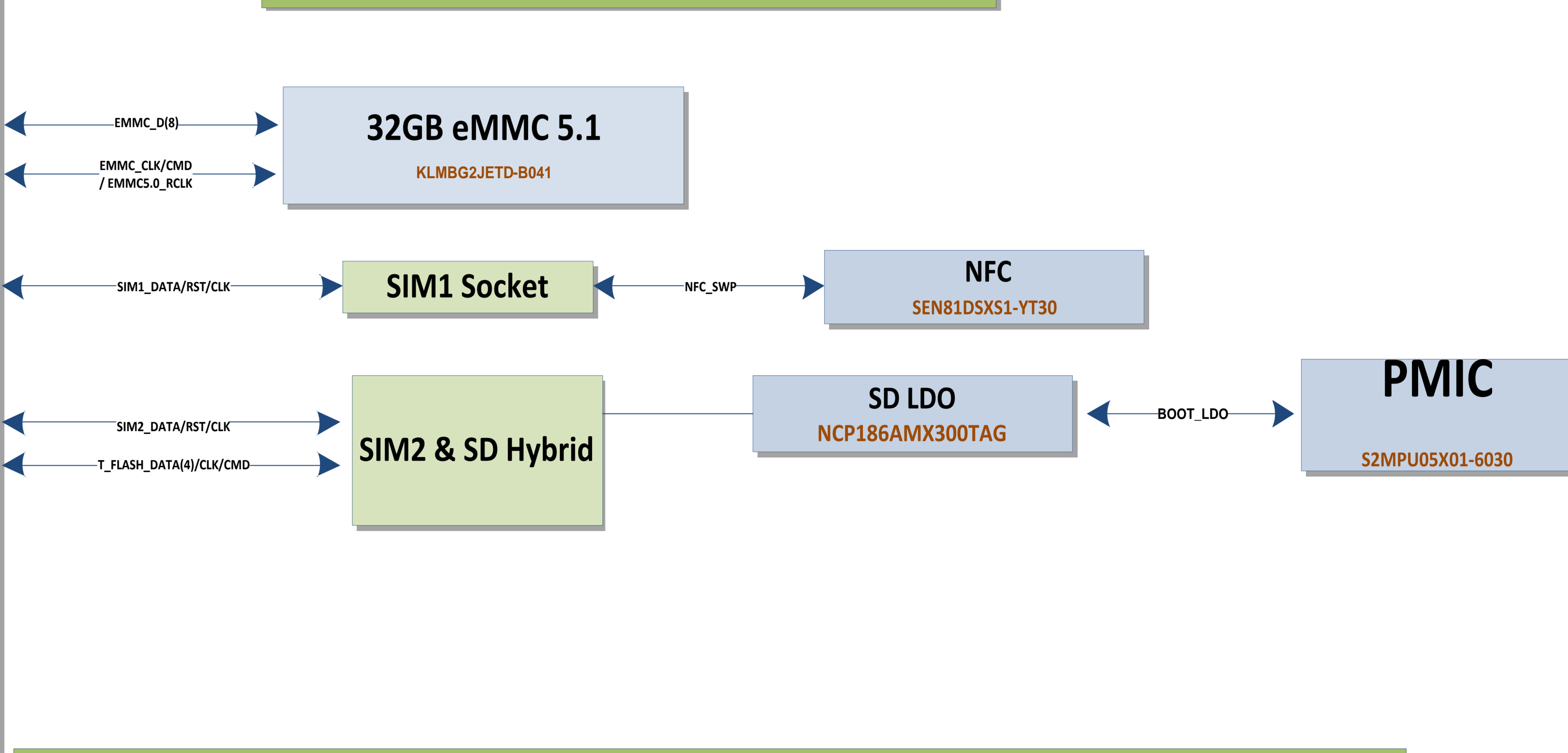
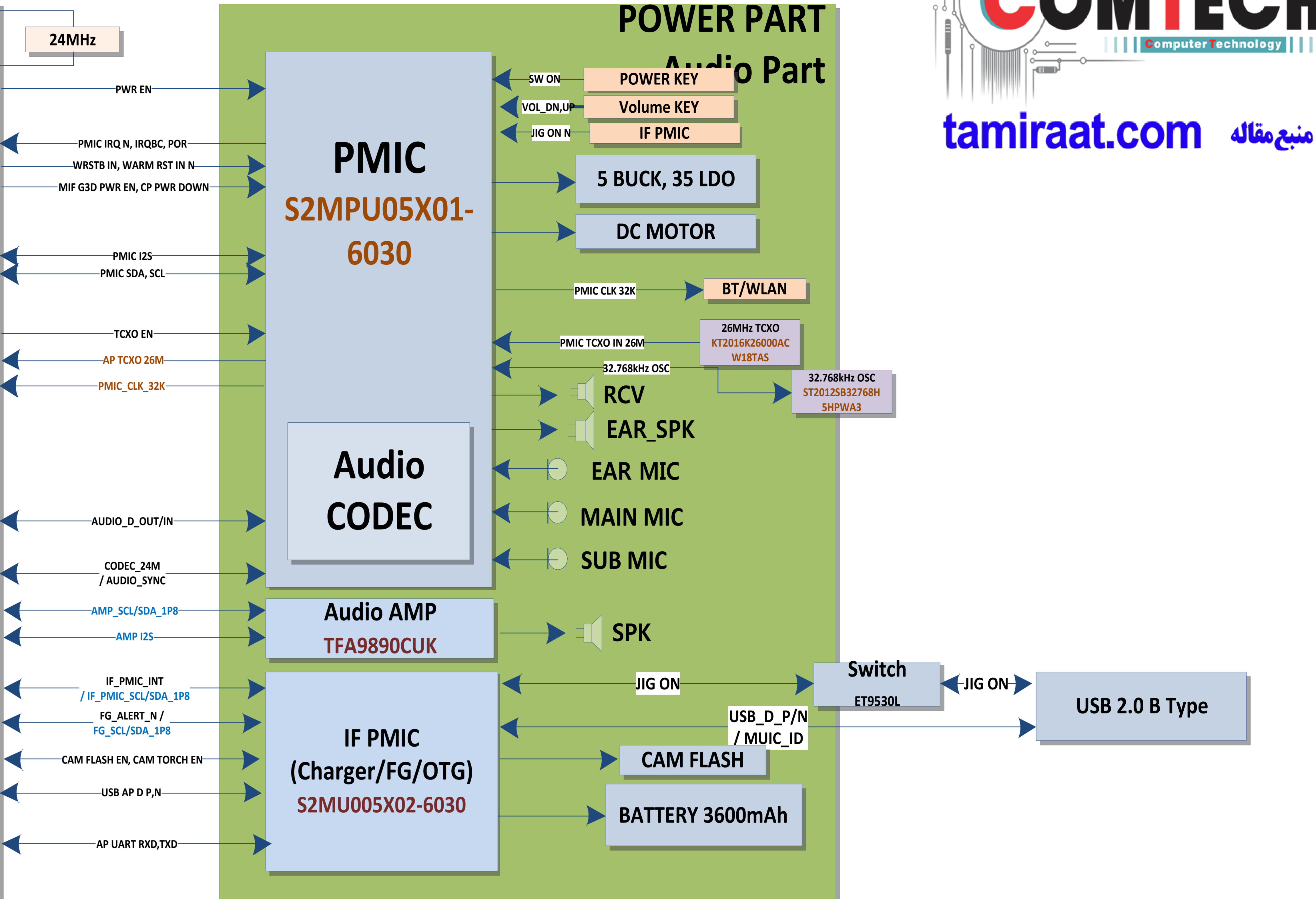
Exynos7870 (Joshua)

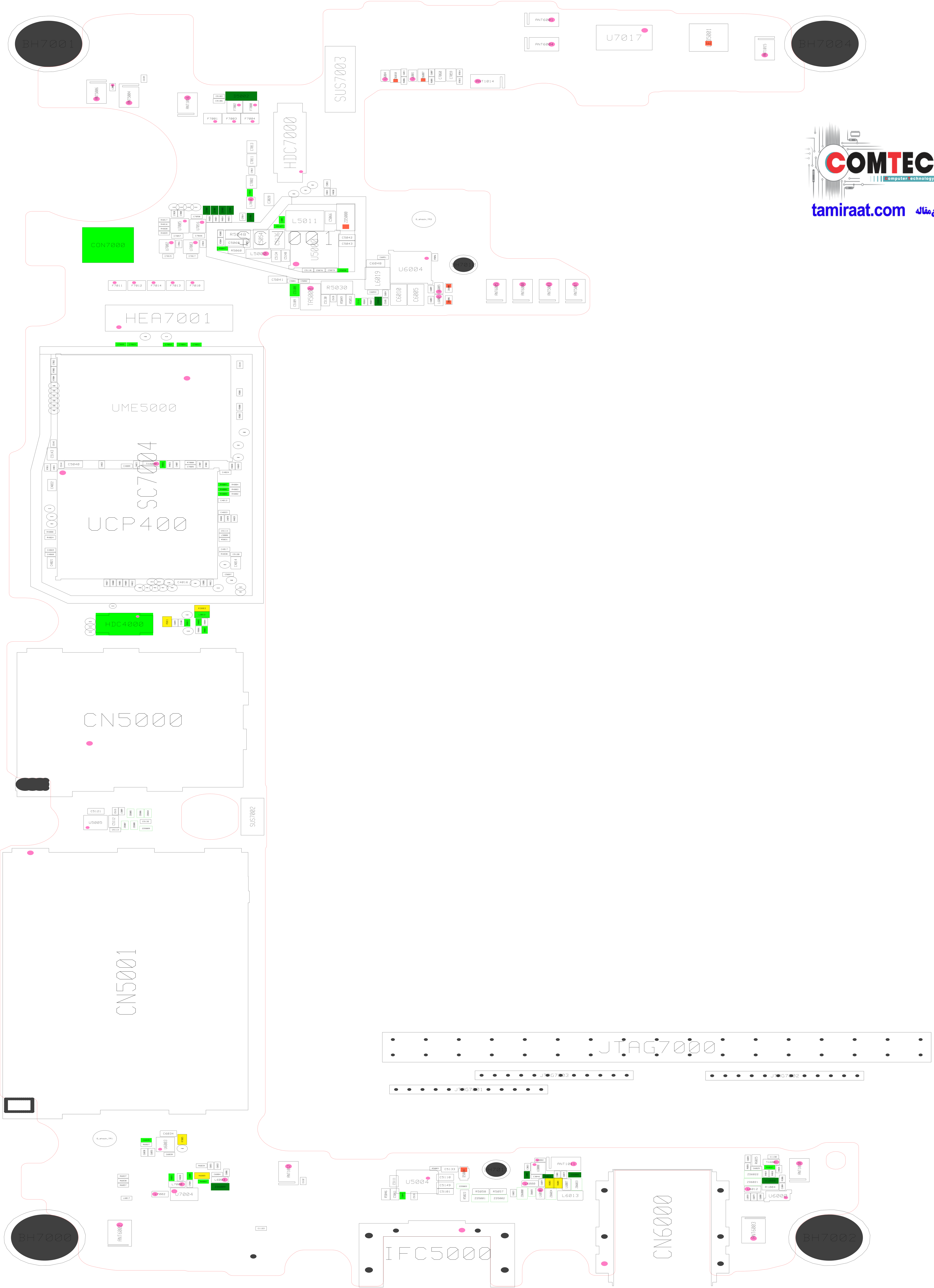
S5E7870XH0-LA30

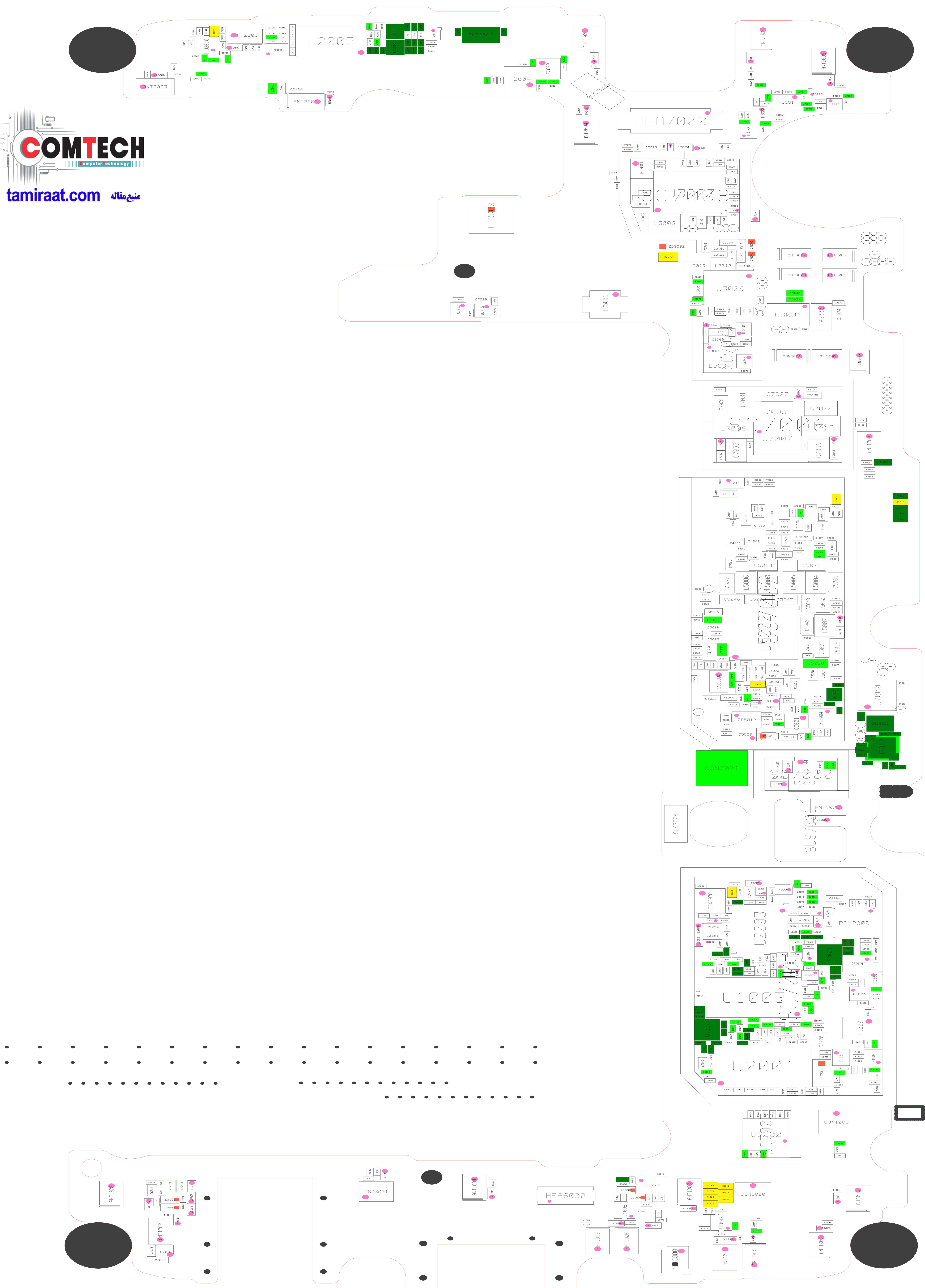
1.6GHz Octa Cortex-A53

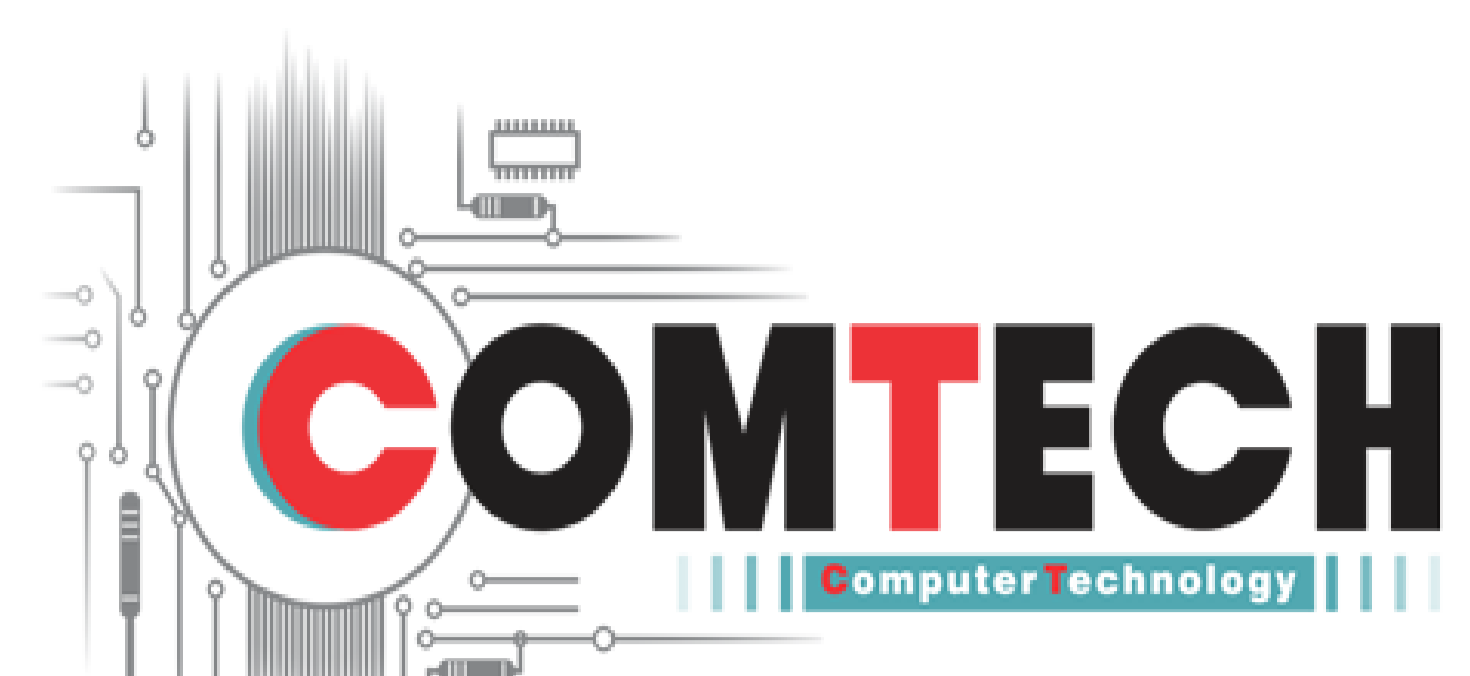
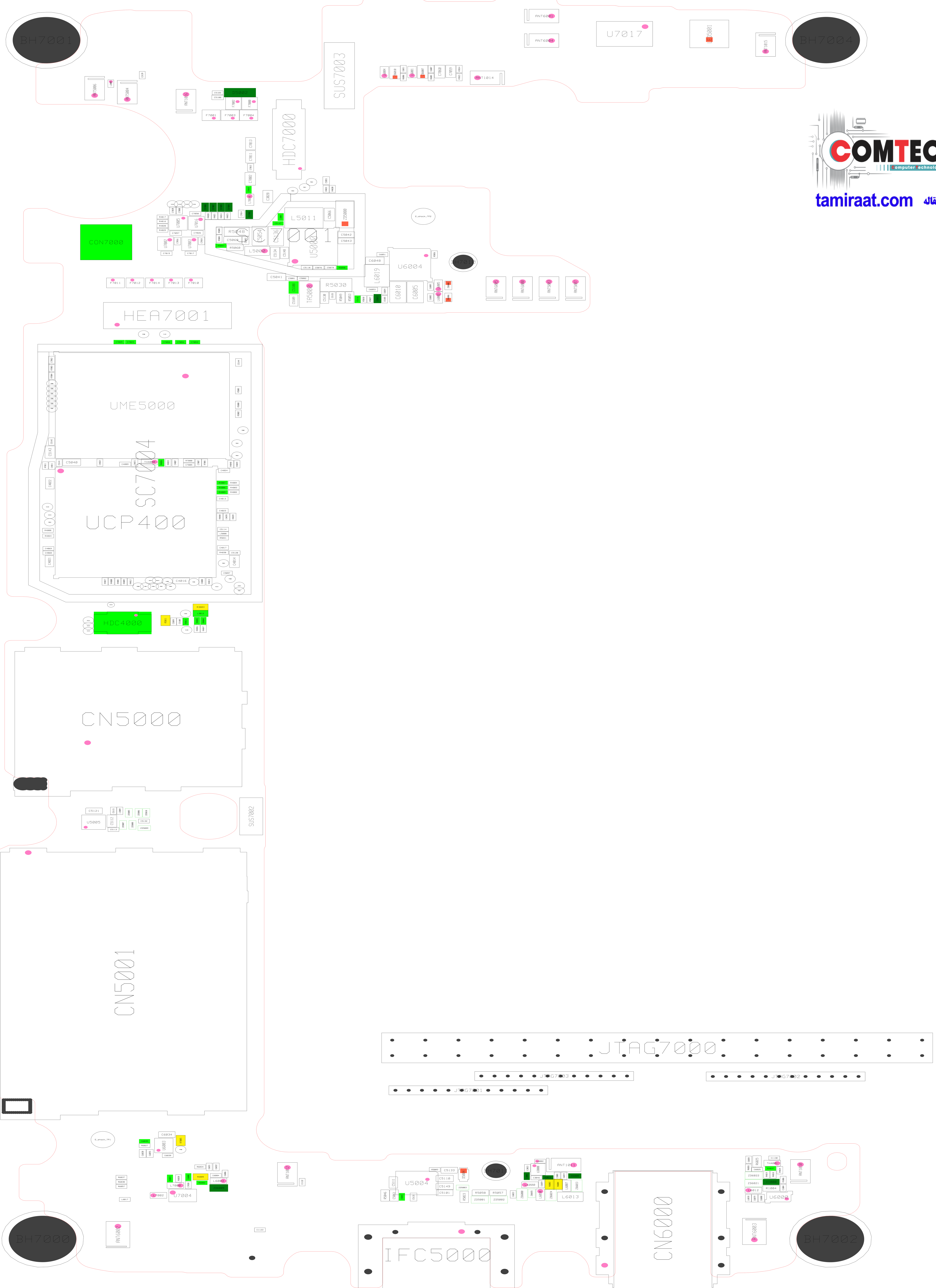
2GB LPDDR3 933MHz

K4EHE304EA-AGCF

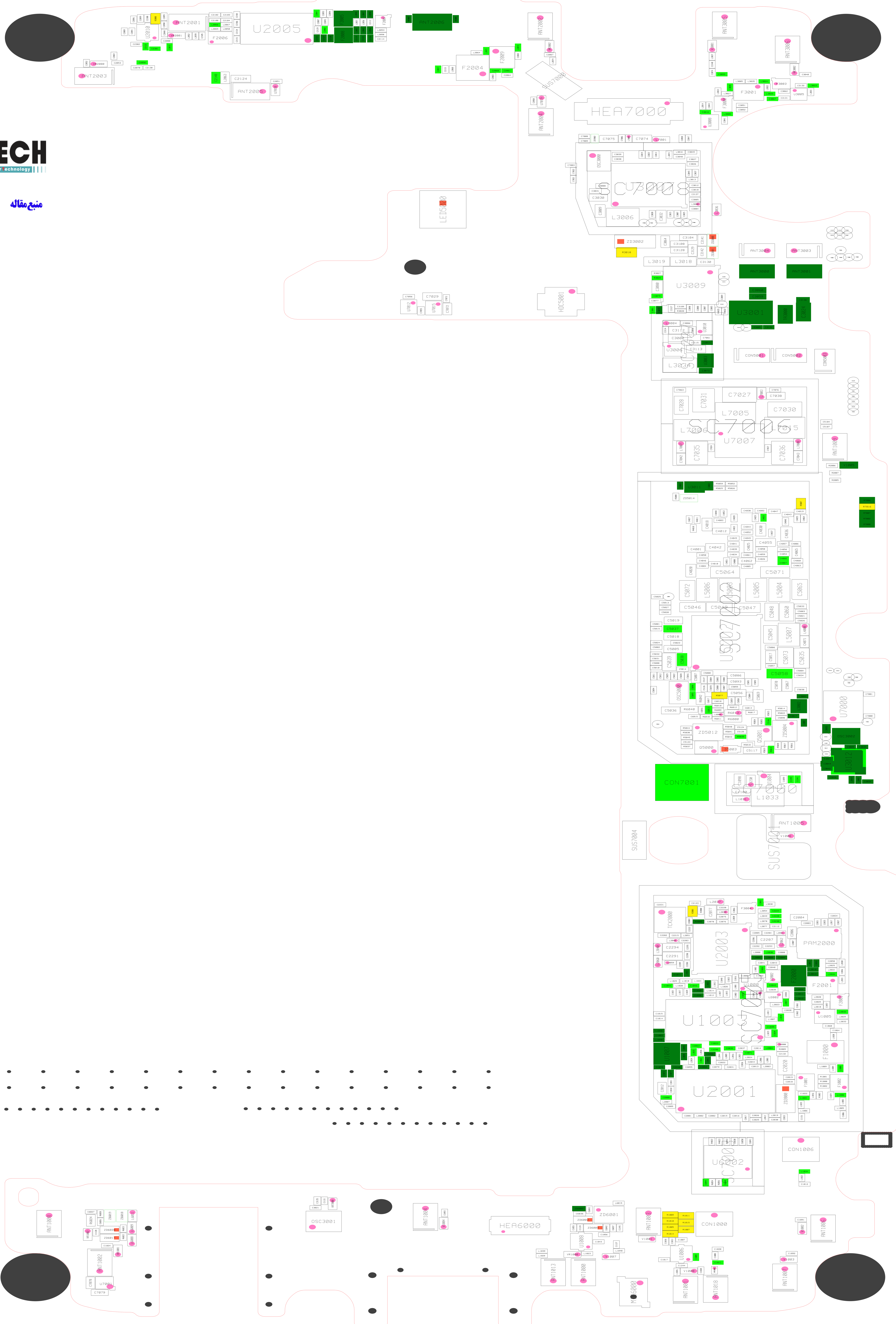


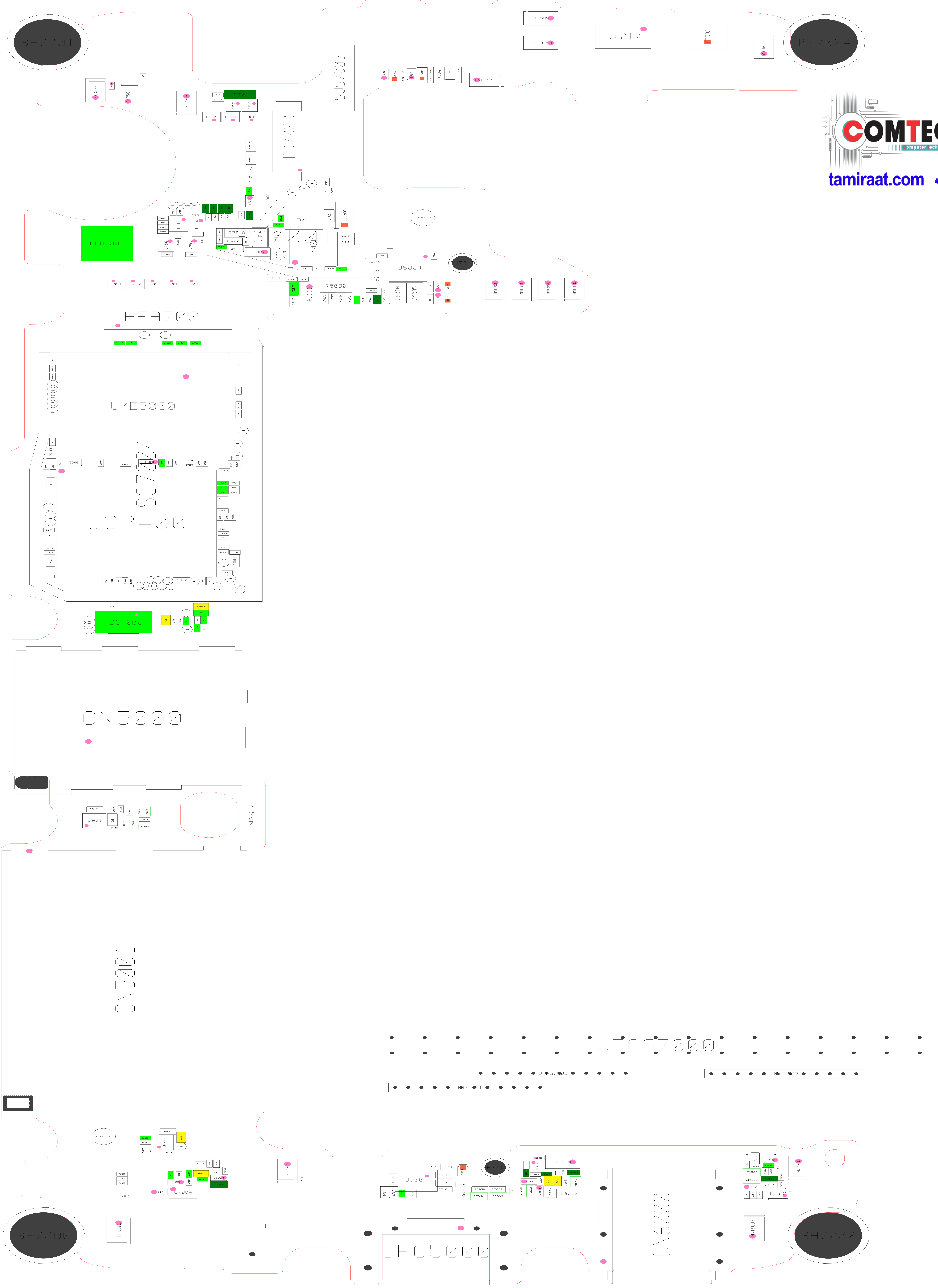


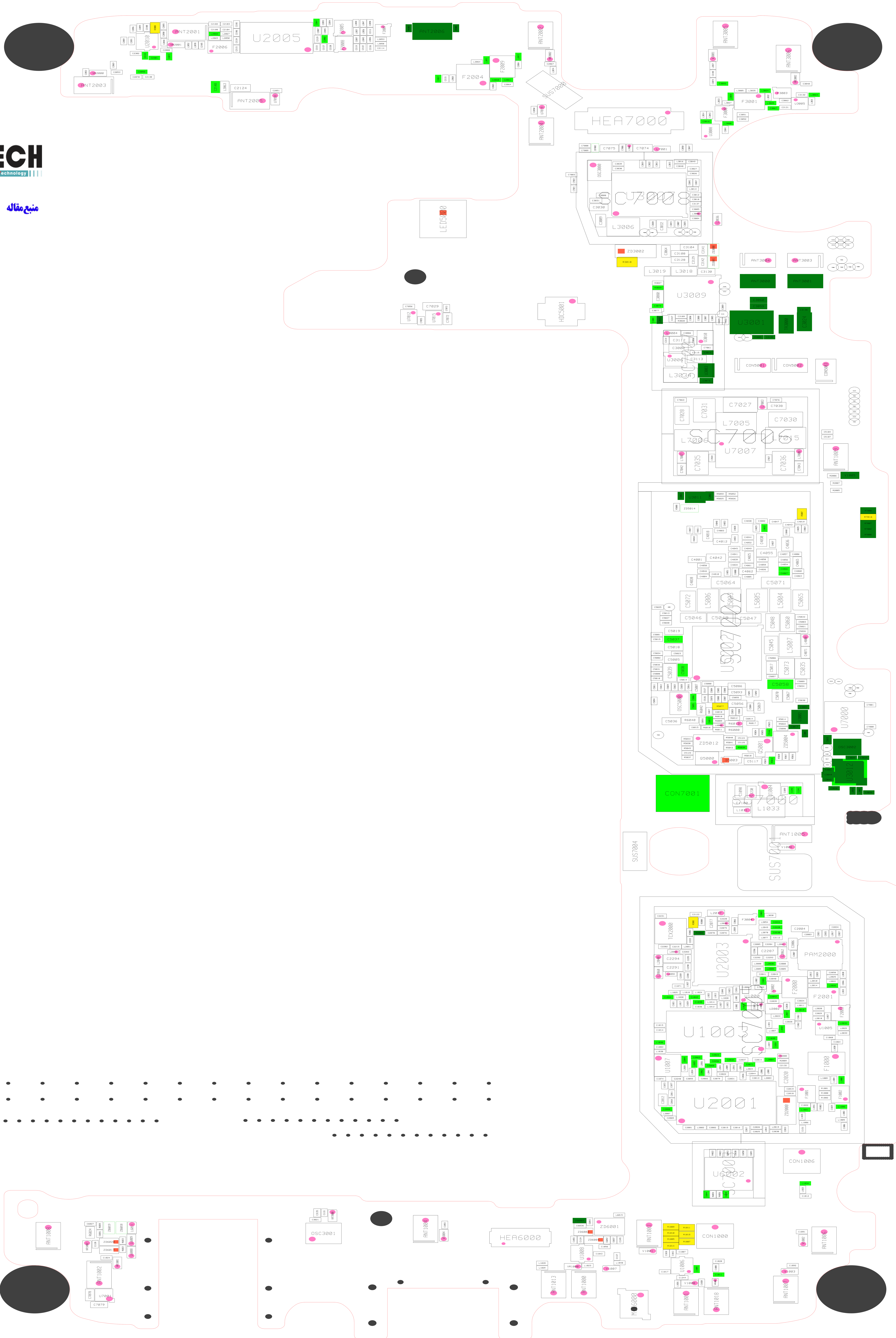


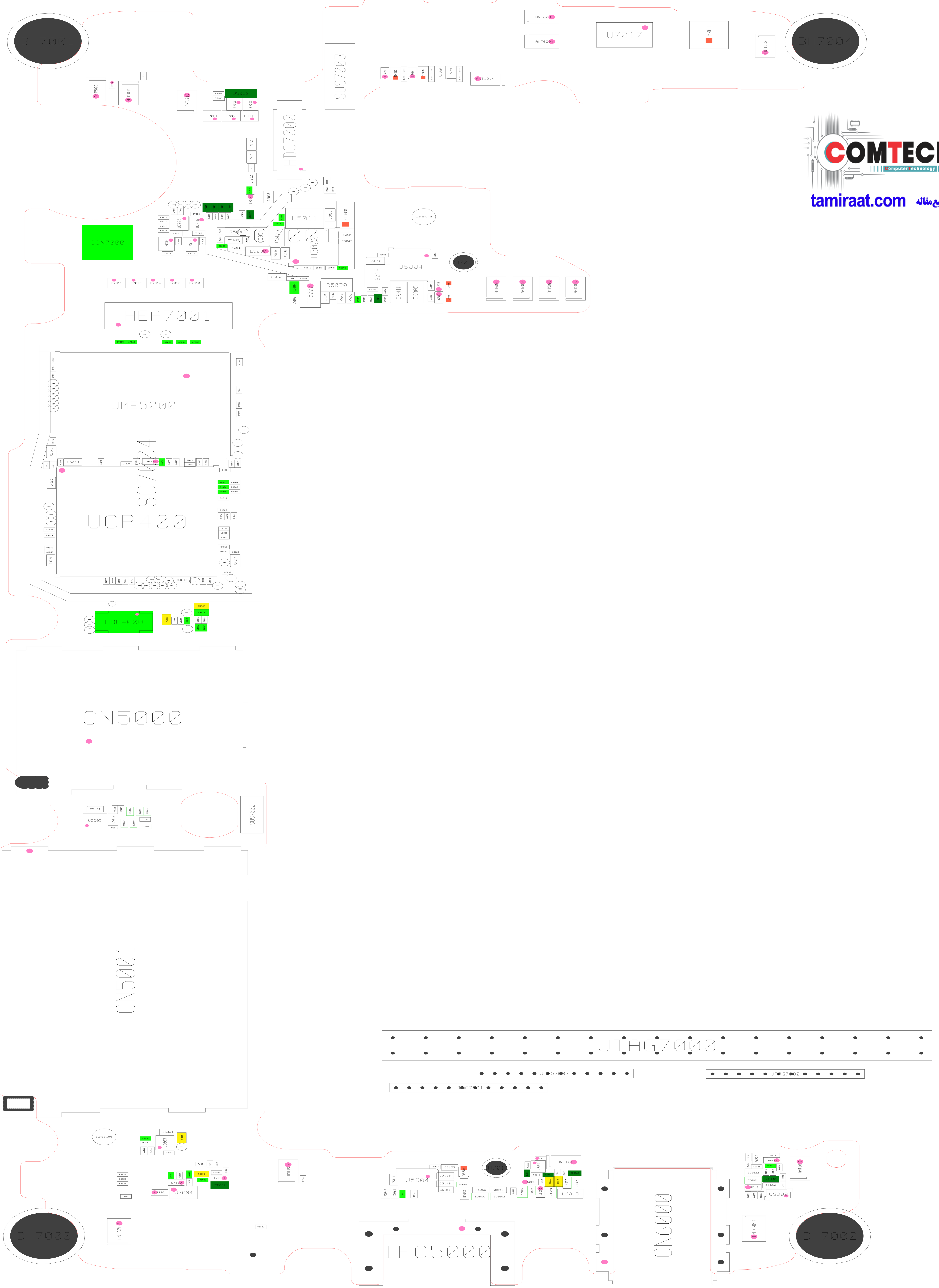


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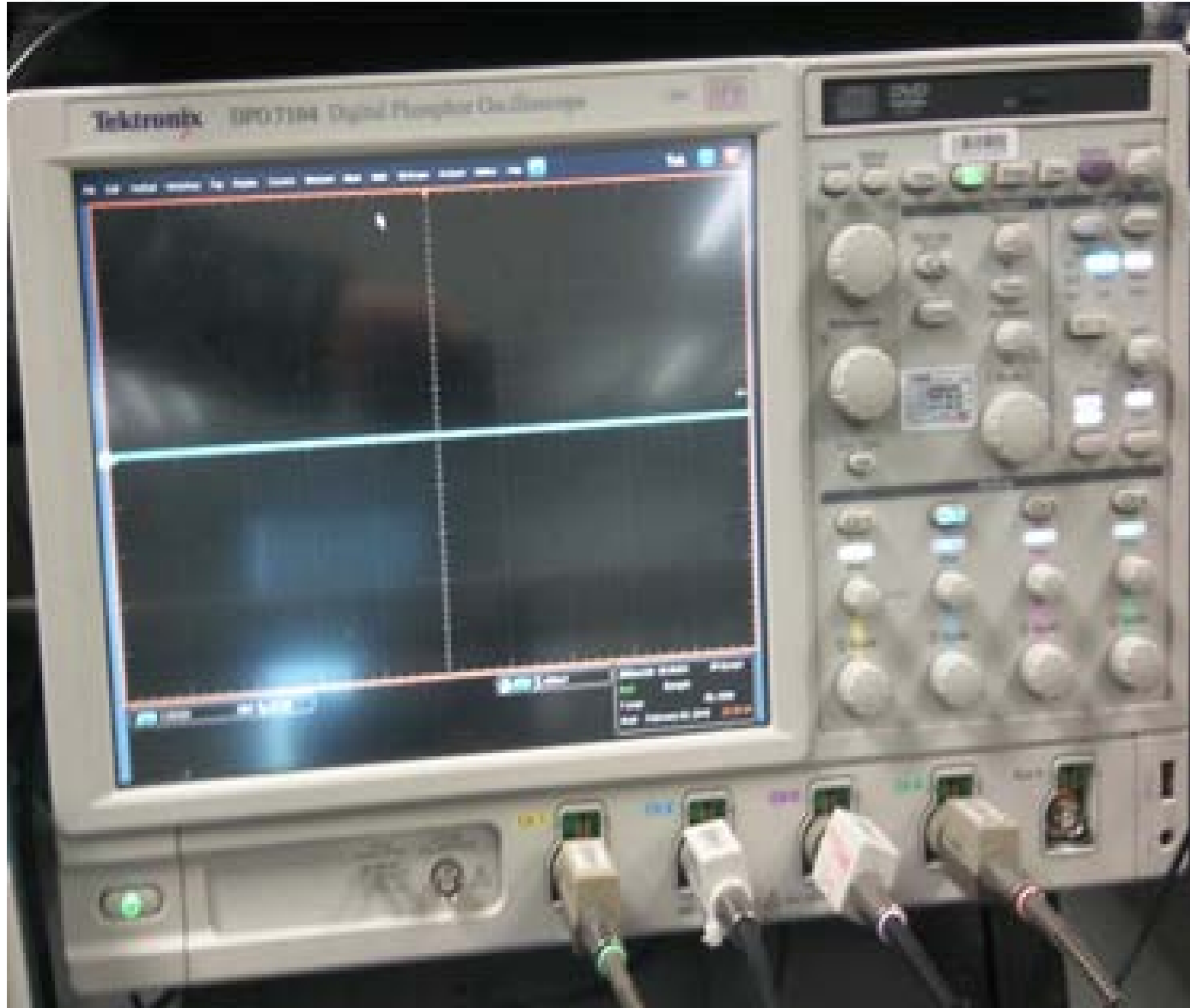


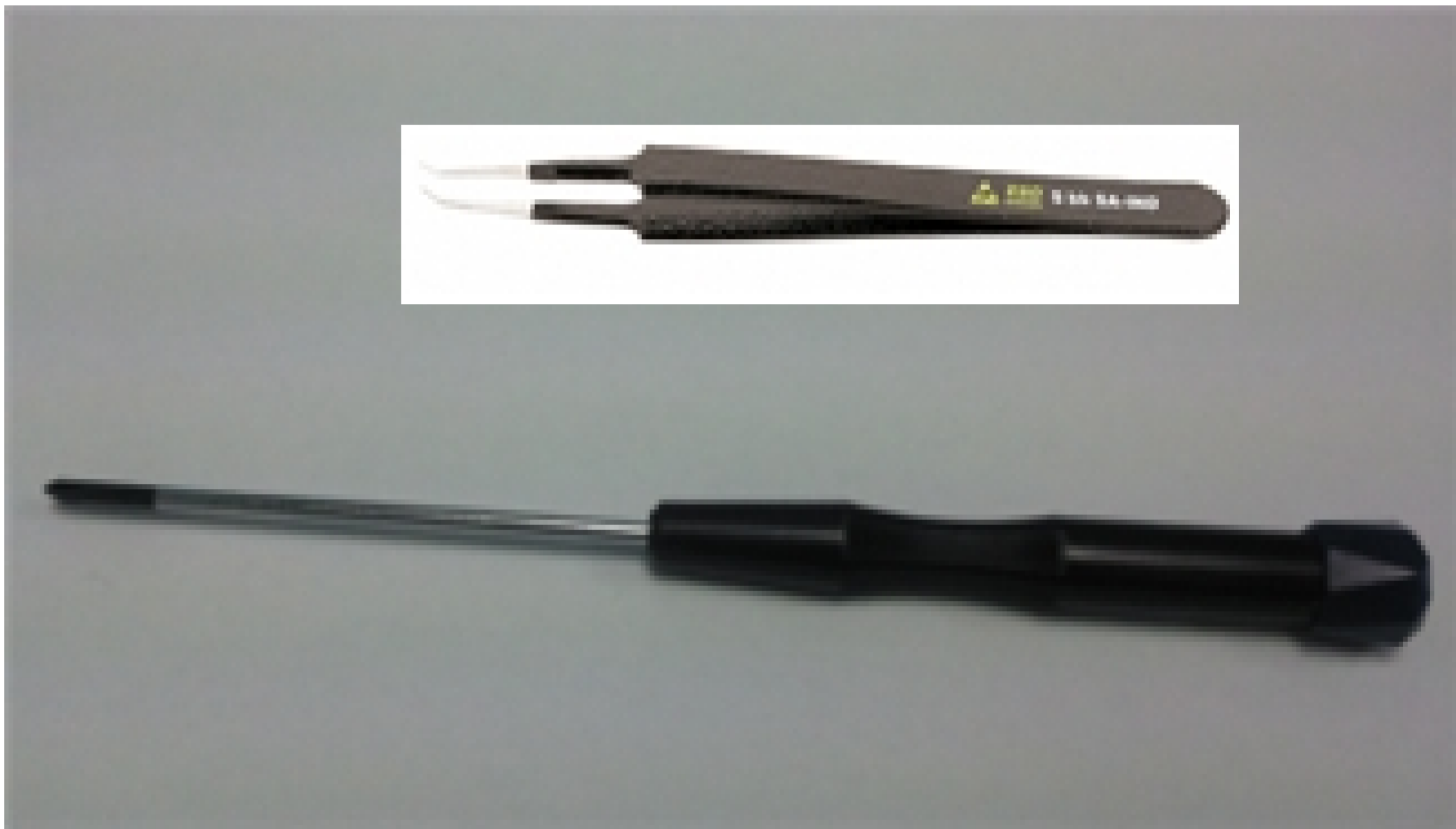
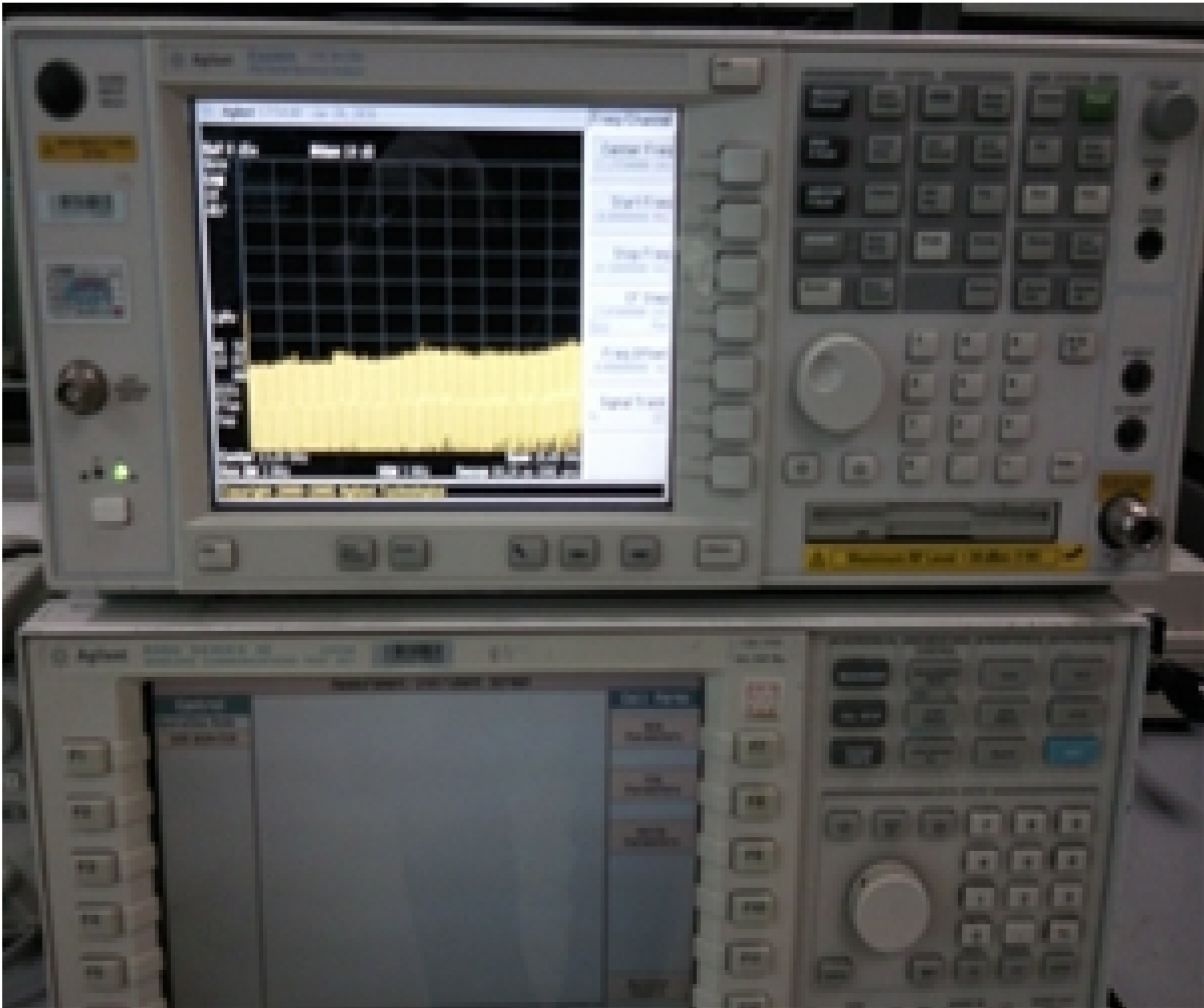







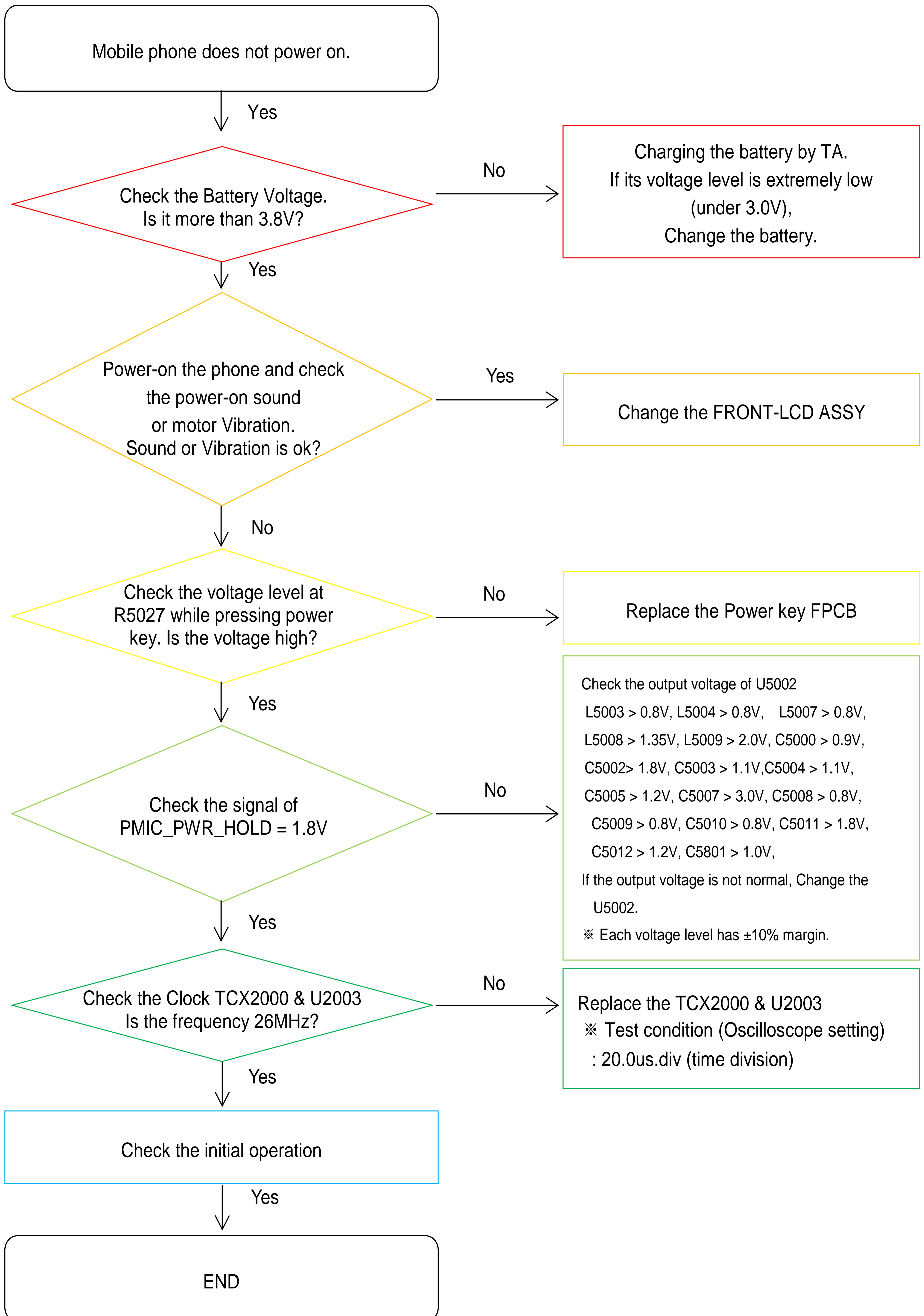
8. Level 3 Repair

8-3. Flow chart of Troubleshooting.

	
<p align="center">Oscilloscope</p>	<p align="center">Digital Multimeter</p>
	
<p align="center">Power Supply</p>	<p align="center">+ driver, ESD Safe Tweezer</p>
	
<p align="center">8960 & Spectrum Analyzer</p>	<p align="center">Soldering iron</p>

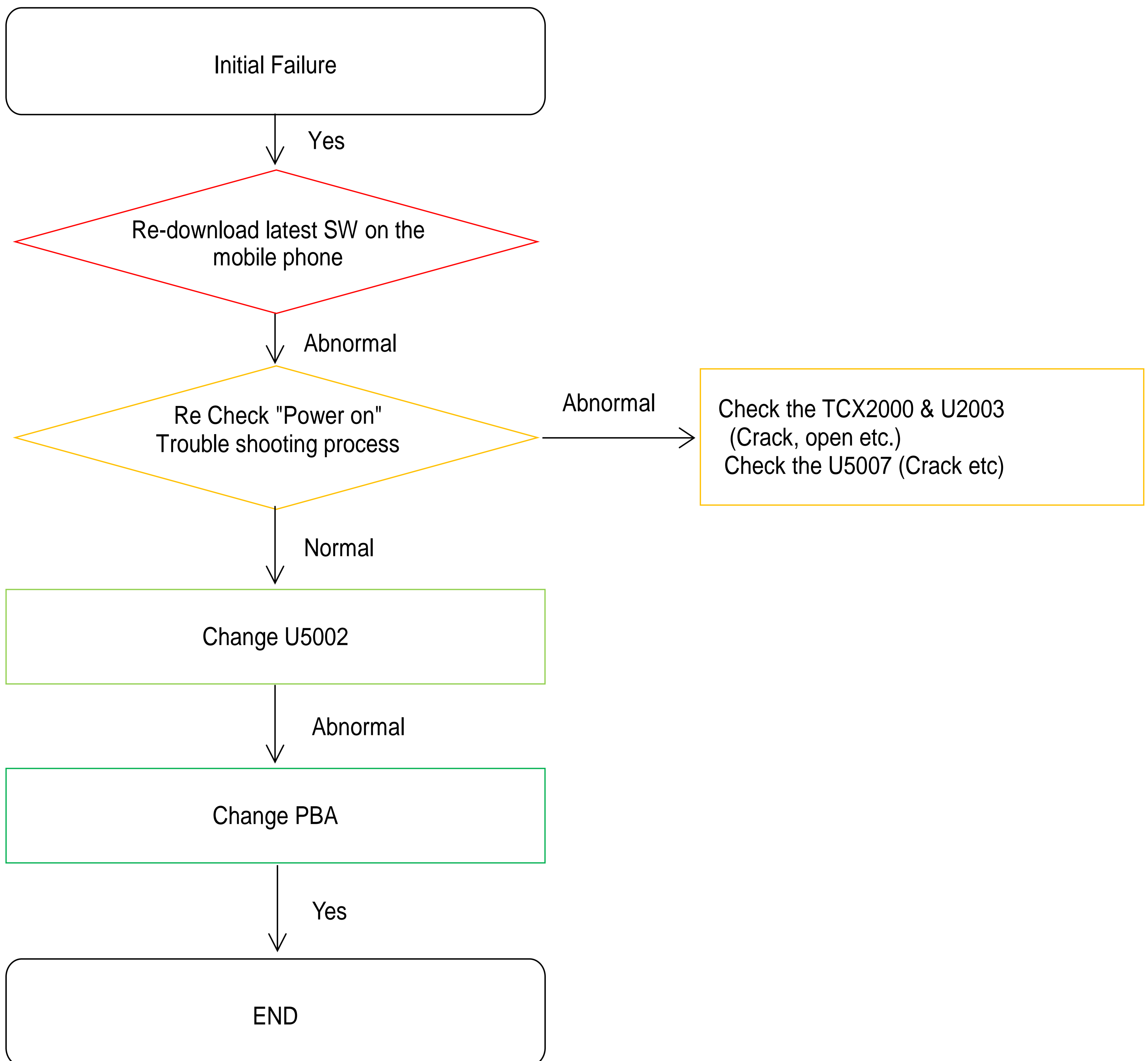
8. Level 3 Repair

8-4-1. Power On



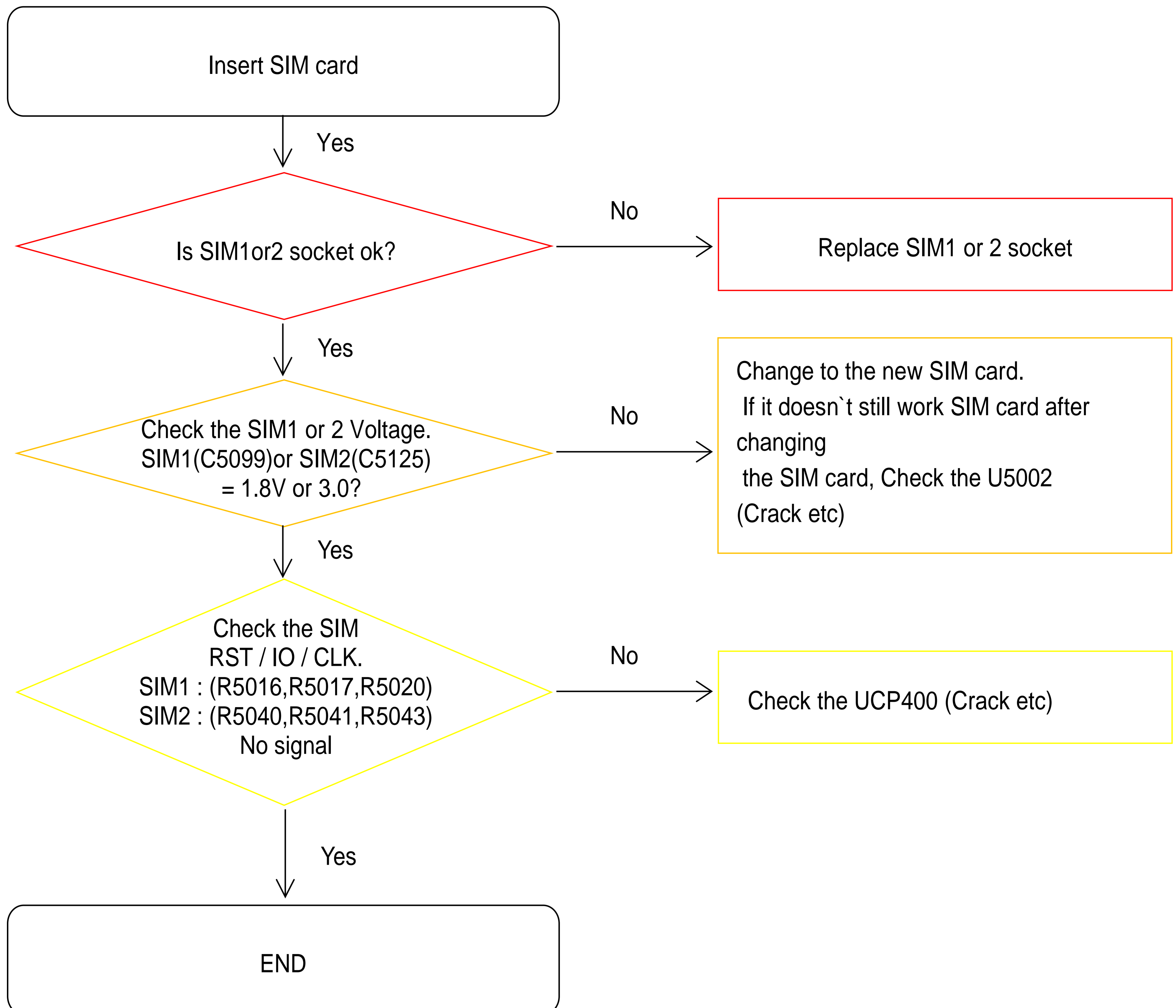
8. Level 3 Repair

8-4-2. Initial



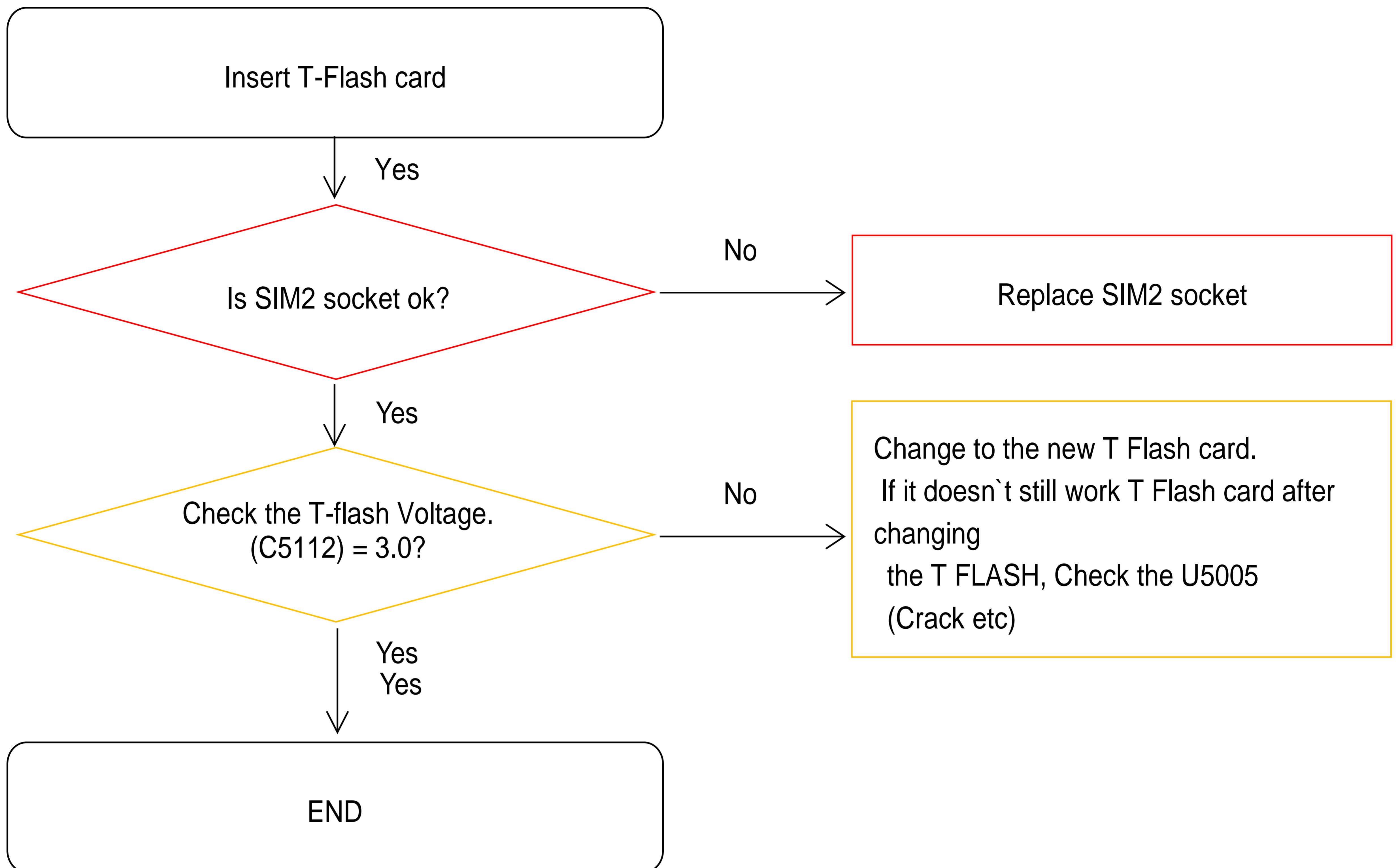
8. Level 3 Repair

8-4-3. SIM Part



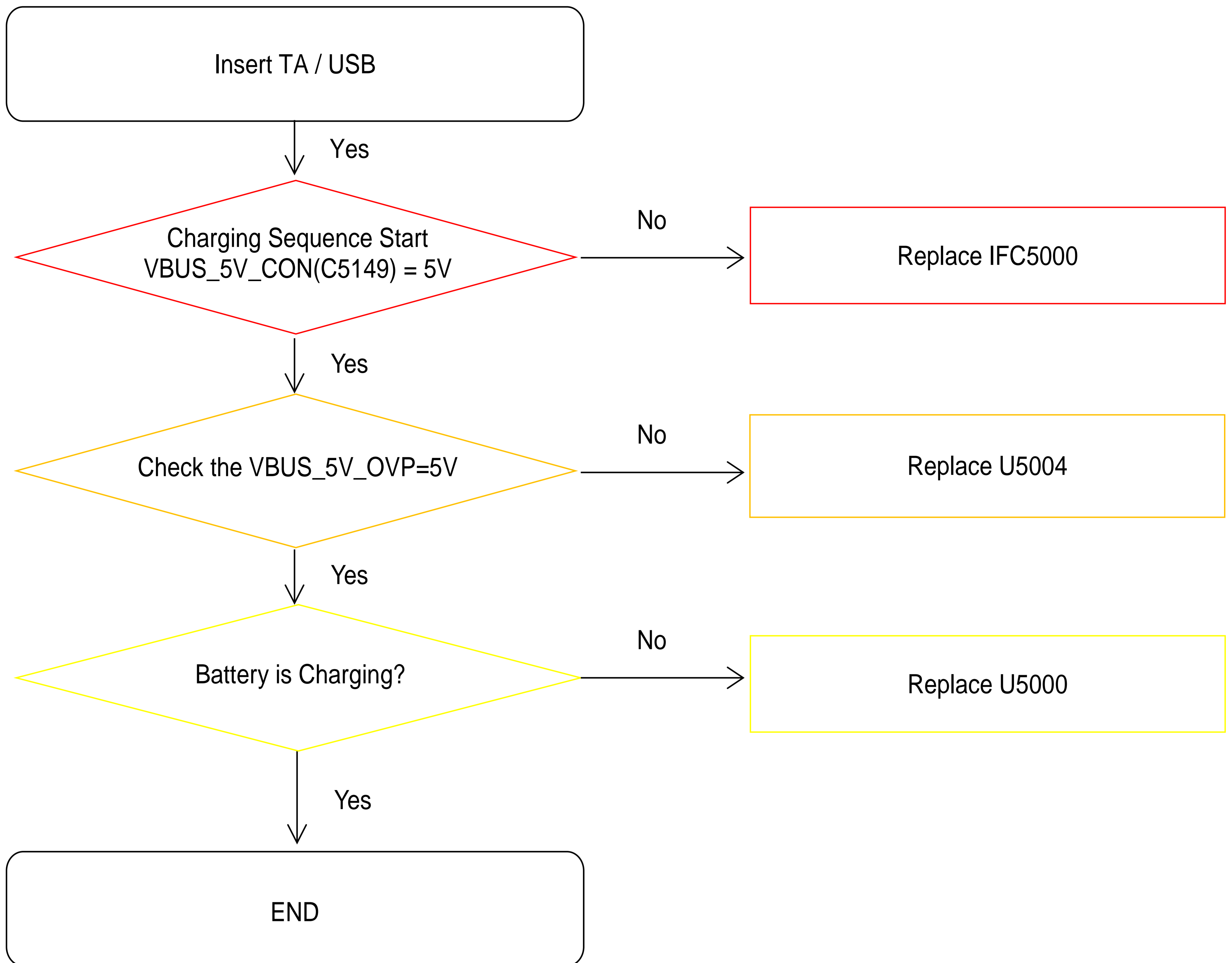
8. Level 3 Repair

8-4-4. T-Flash Part



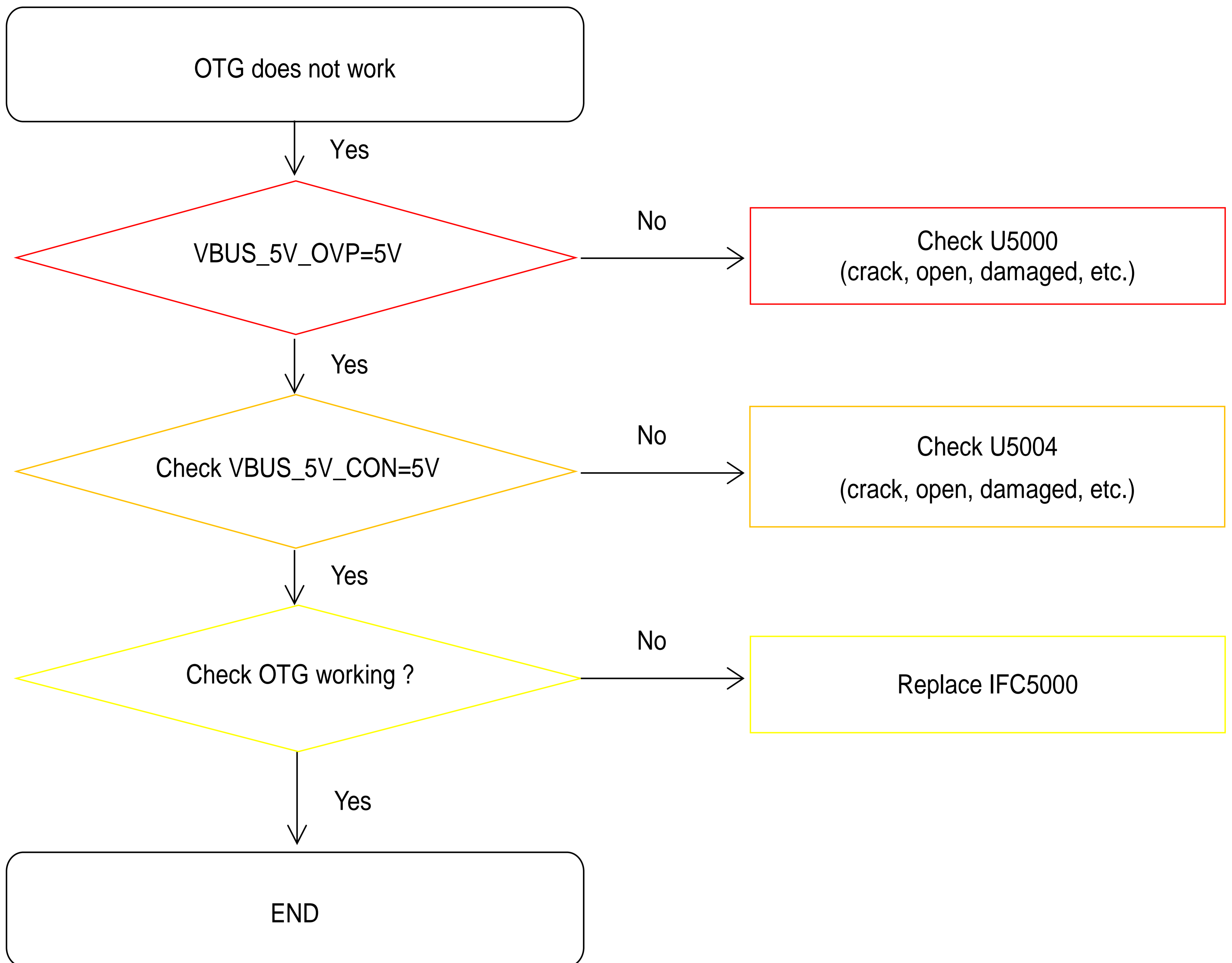
8. Level 3 Repair

8-4-5. Charging Part



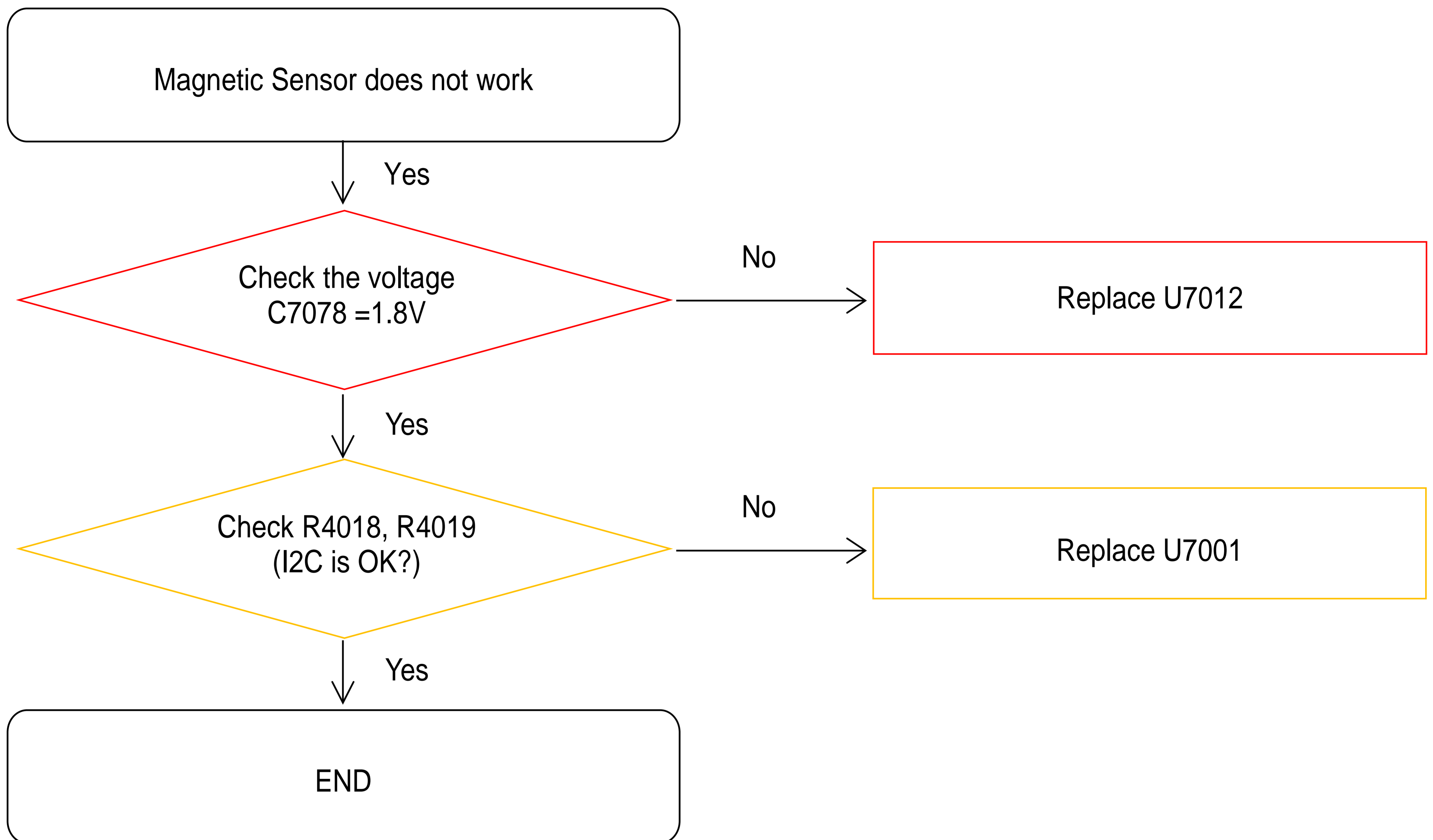
8. Level 3 Repair

8-4-6. OTG



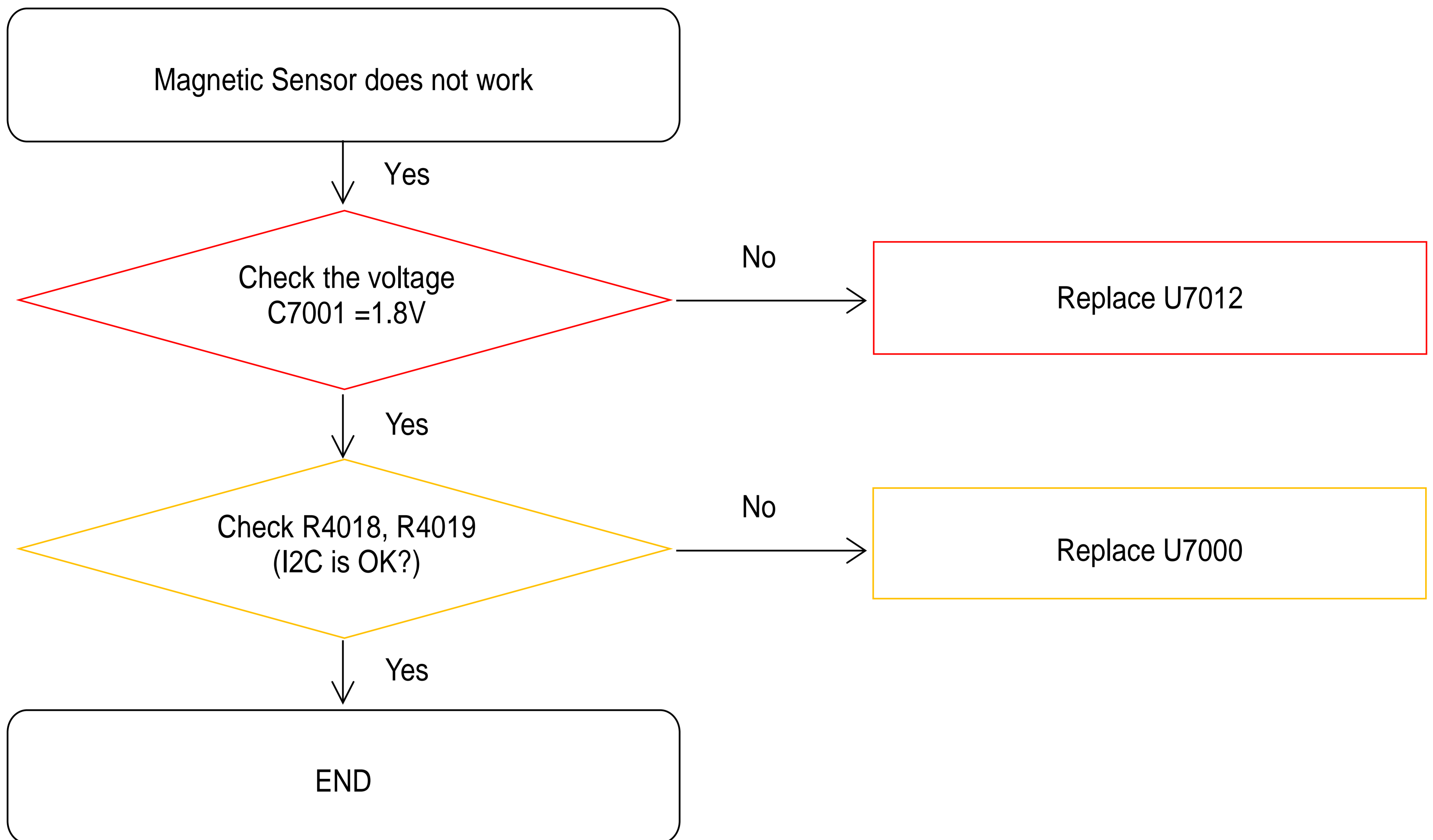
8. Level 3 Repair

8-4-7-1. Magnetic Sensor



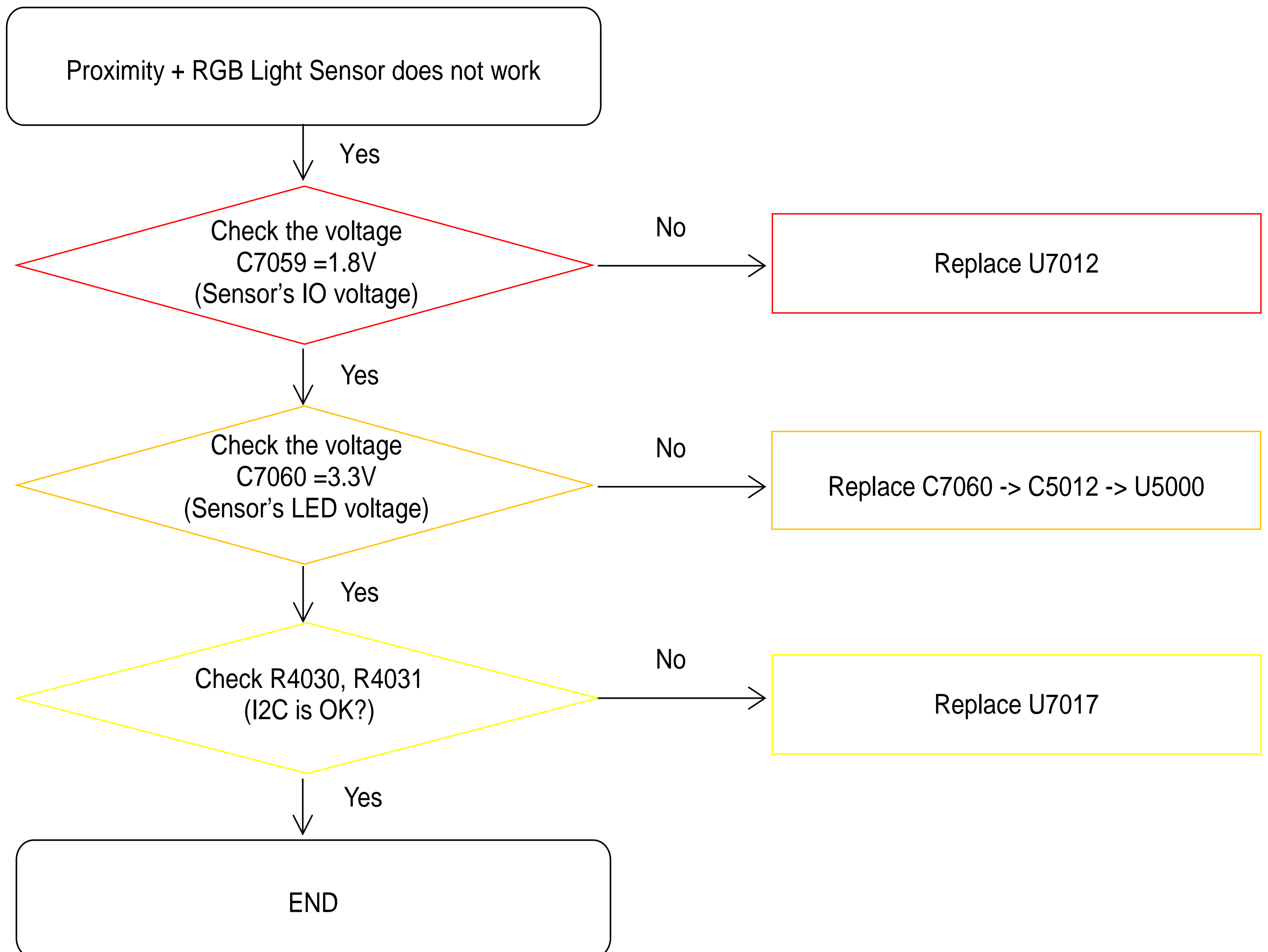
8. Level 3 Repair

8-4-7-2. Accel & GYRO Sensor



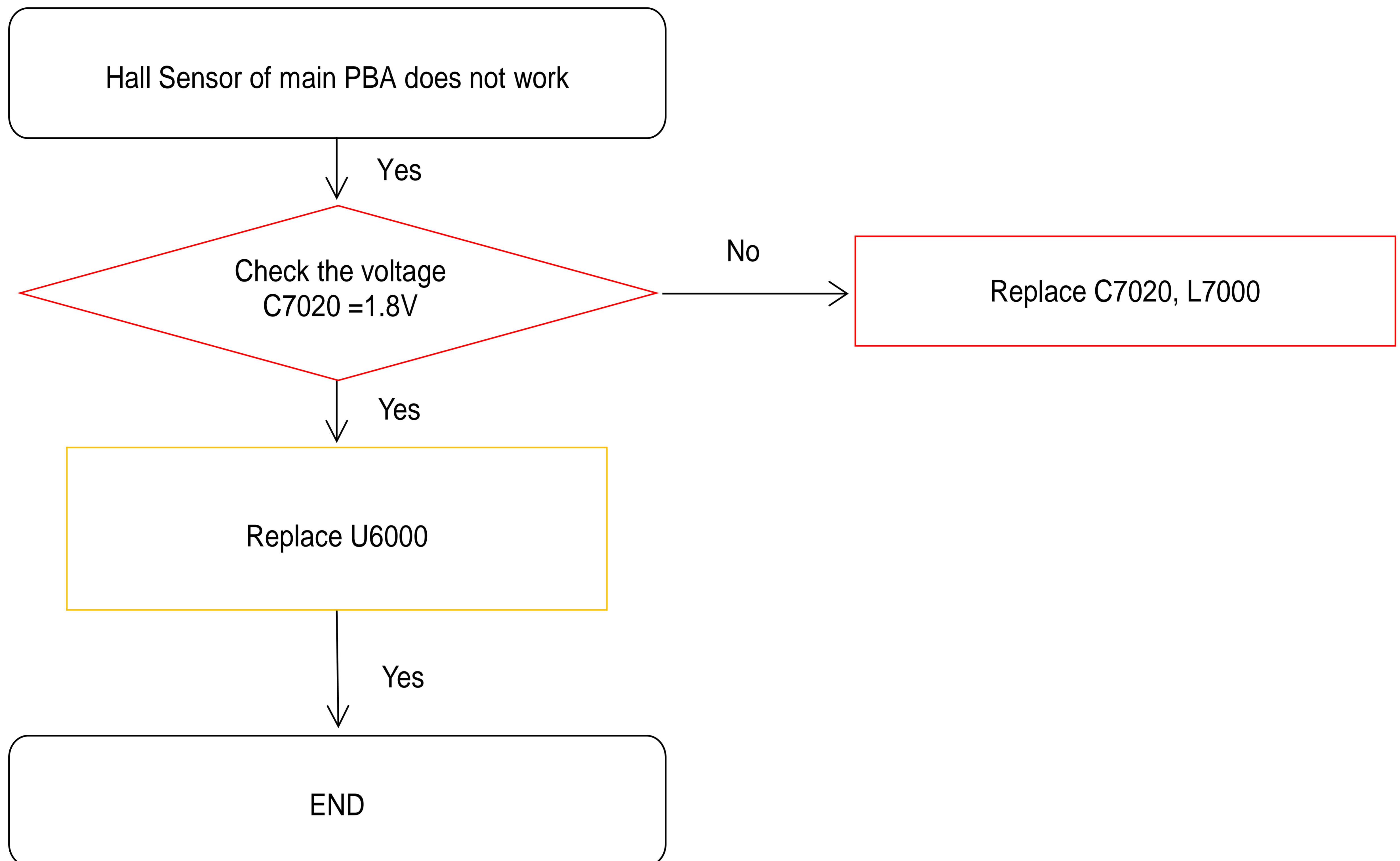
8. Level 3 Repair

8-4-7-3. Proximity + RGB Light sensor



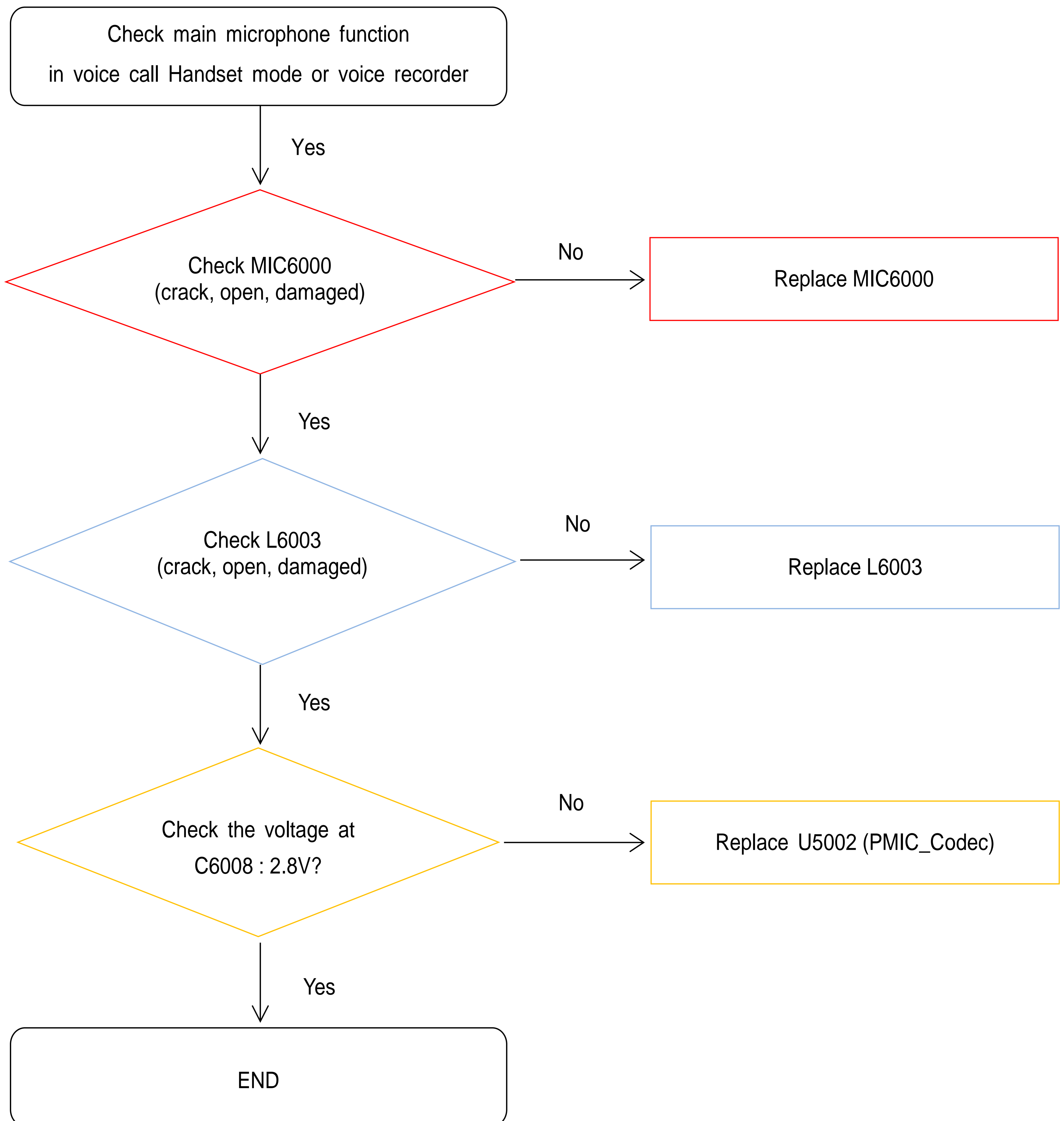
8. Level 3 Repair

8-4-7-4. Hall Sensor



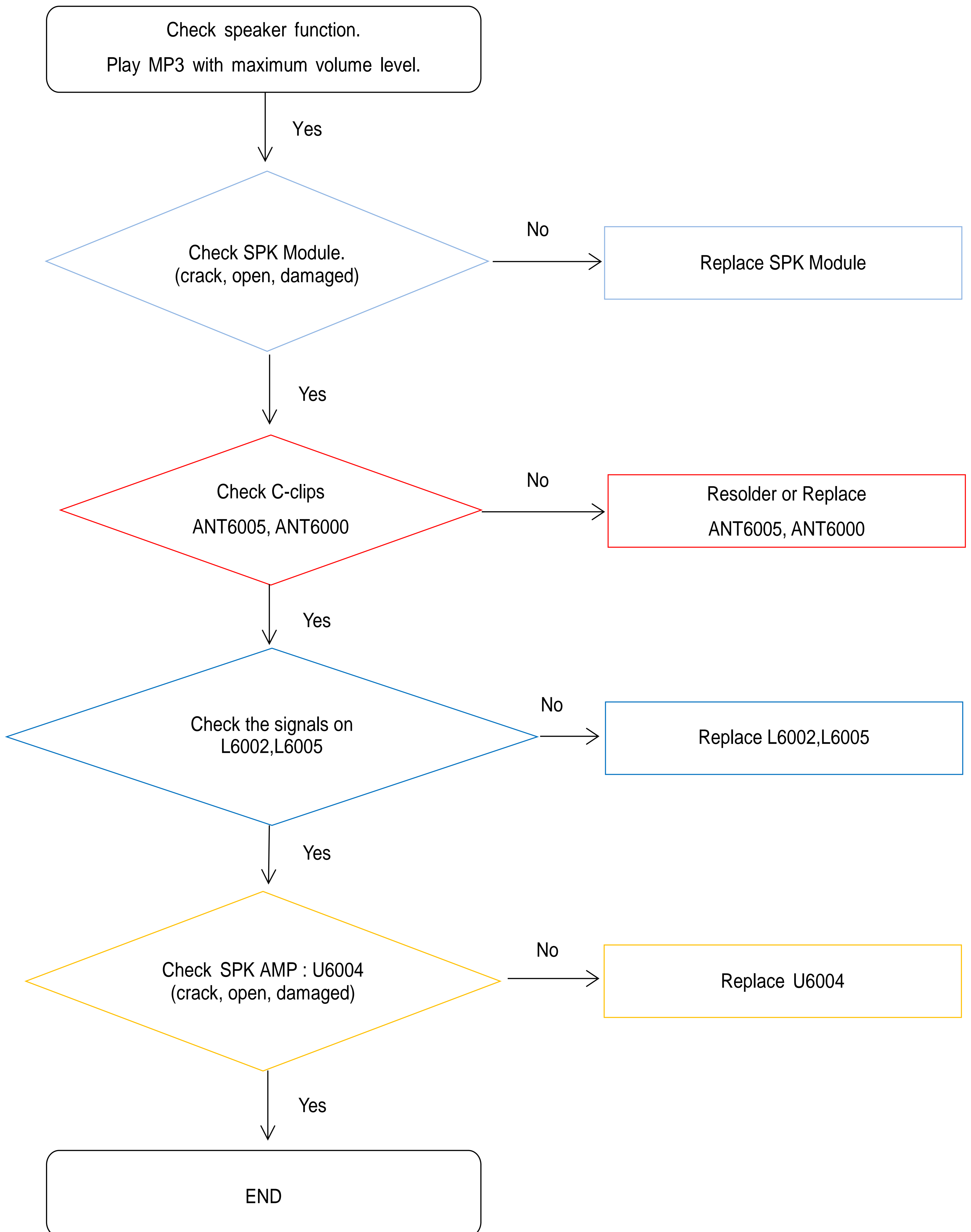
8. Level 3 Repair

8-4-8-1. Microphone Part - Main MIC



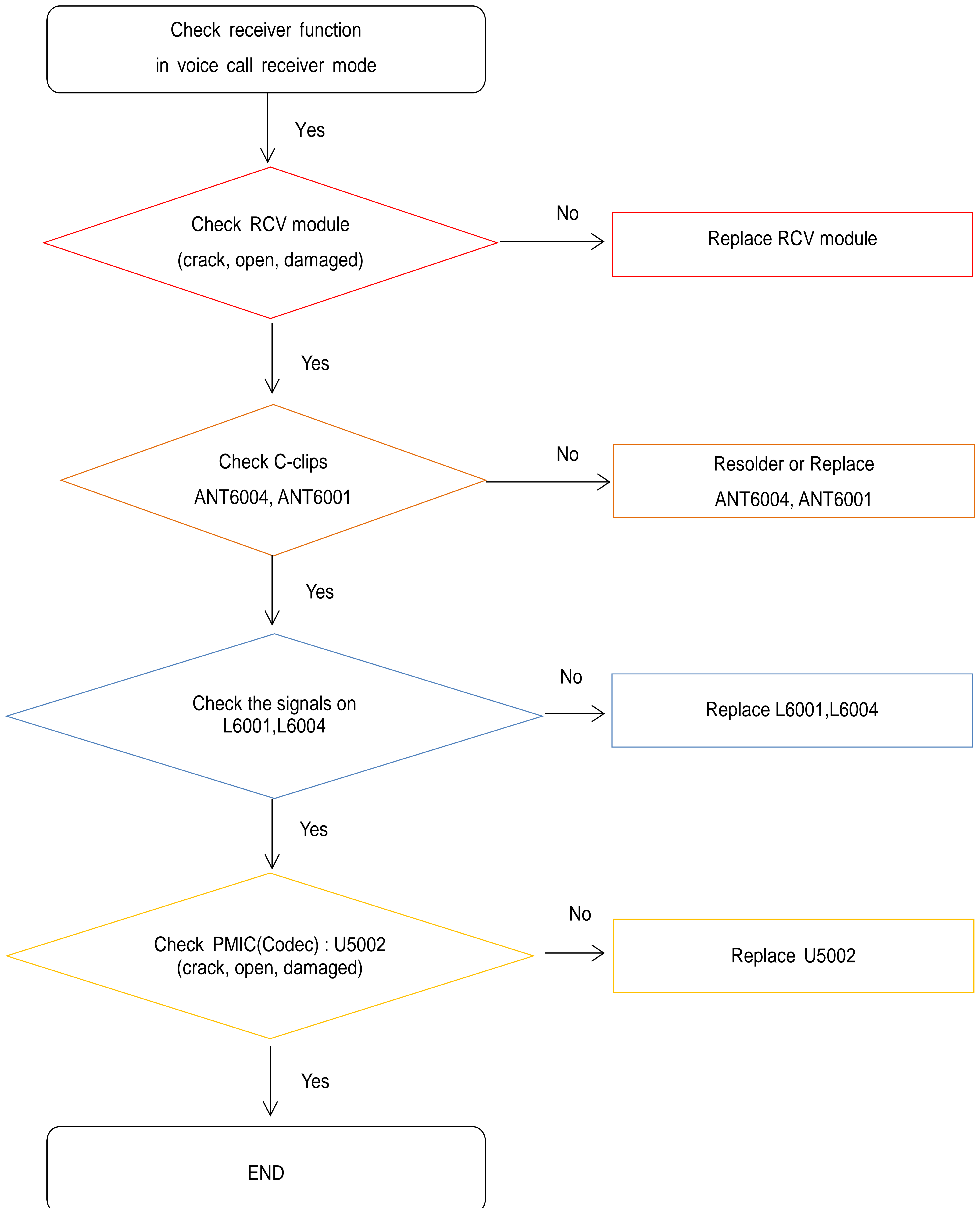
8. Level 3 Repair

8-4-9. Speaker Part



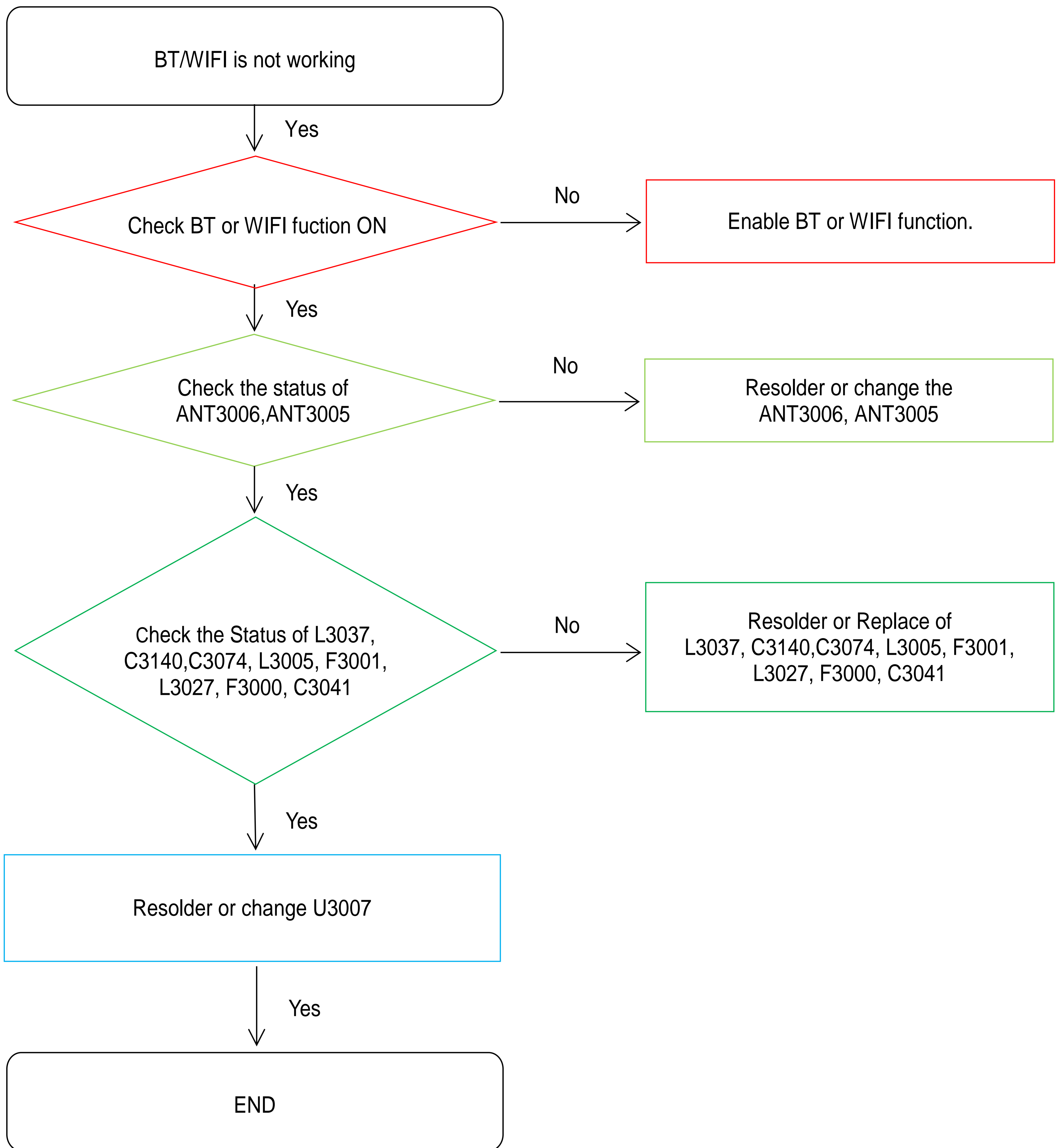
8. Level 3 Repair

8-4-10. Receiver Part



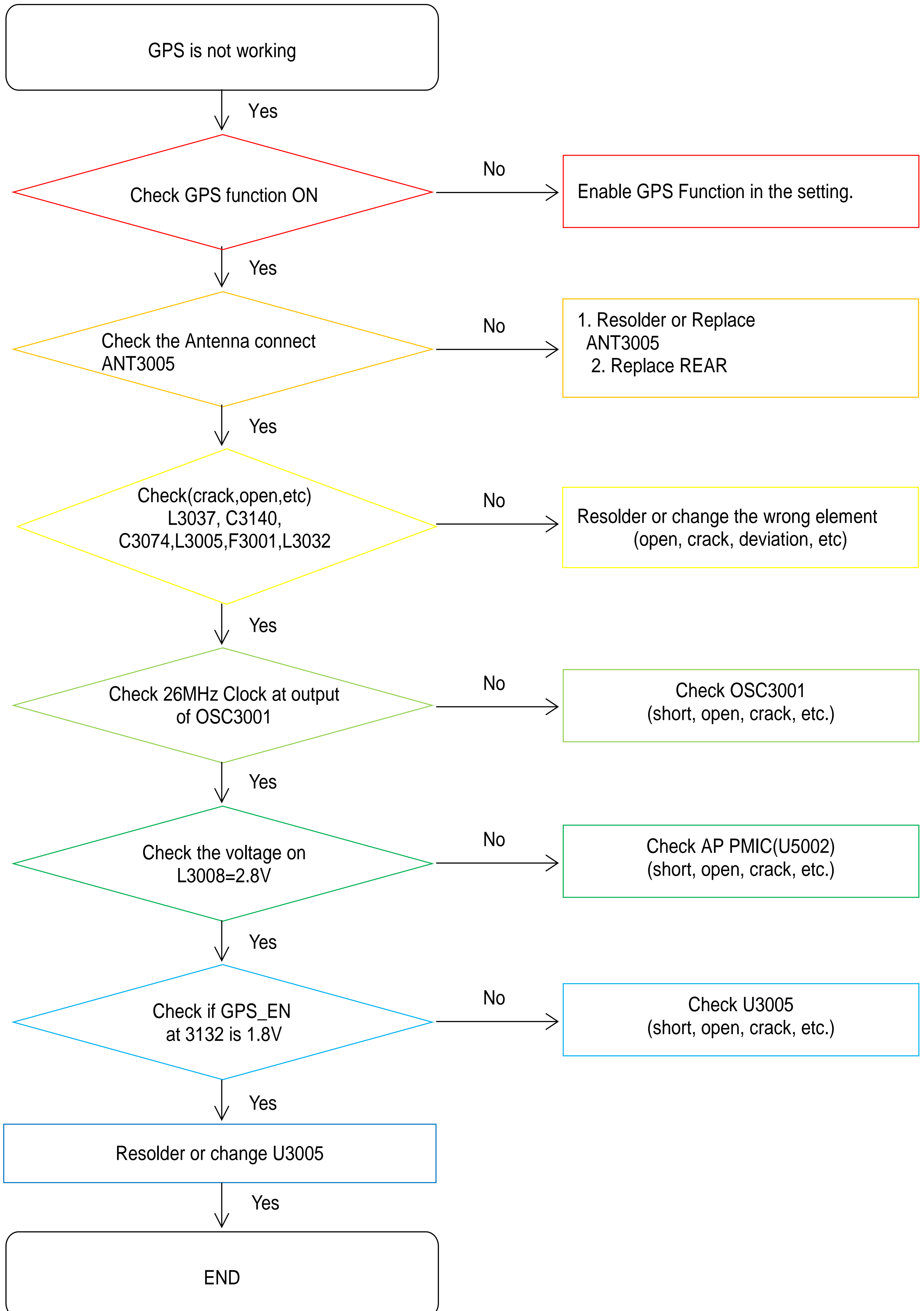
8. Level 3 Repair

8-4-11. BT/WIFI



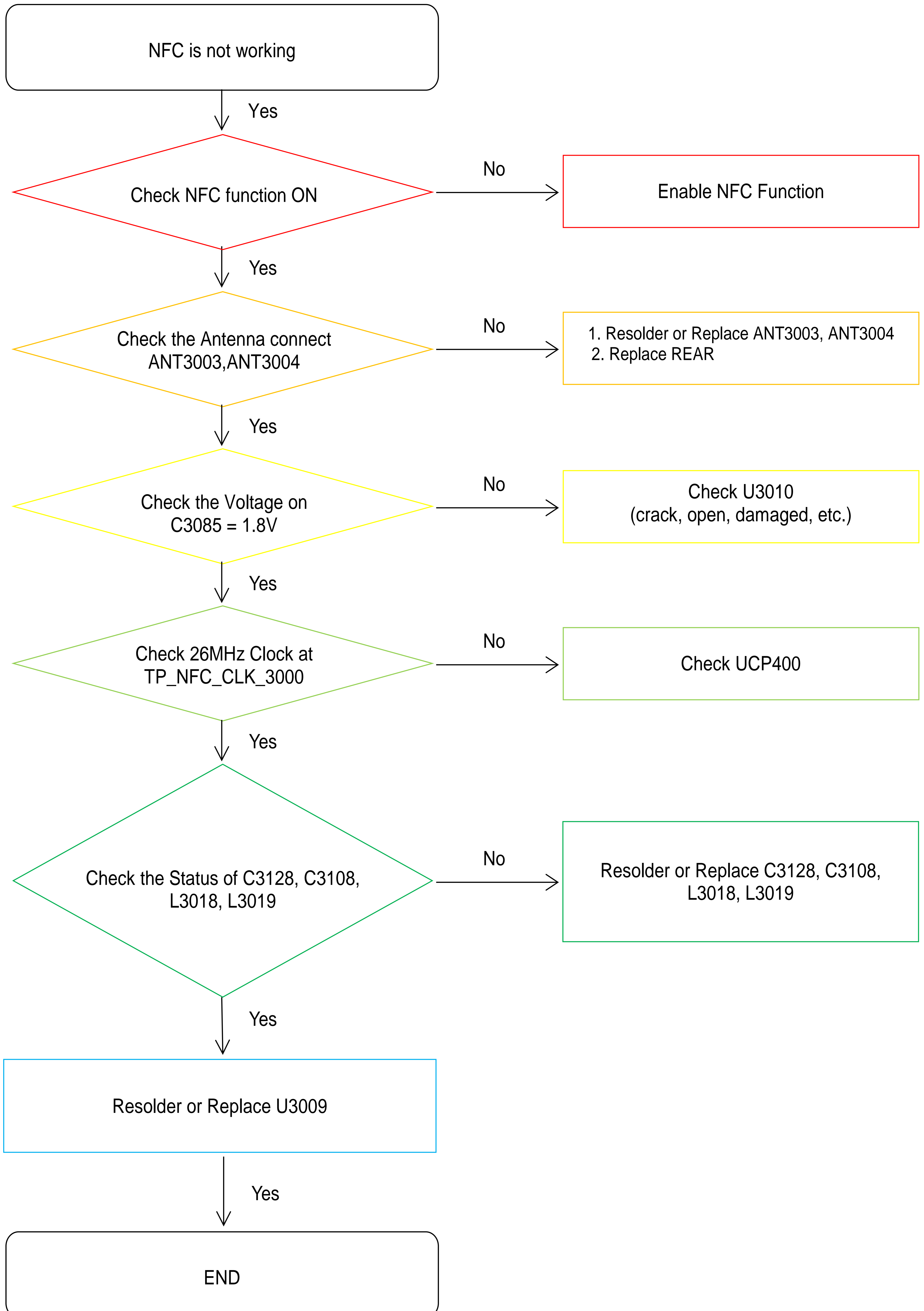
8. Level 3 Repair

8-4-12. GPS



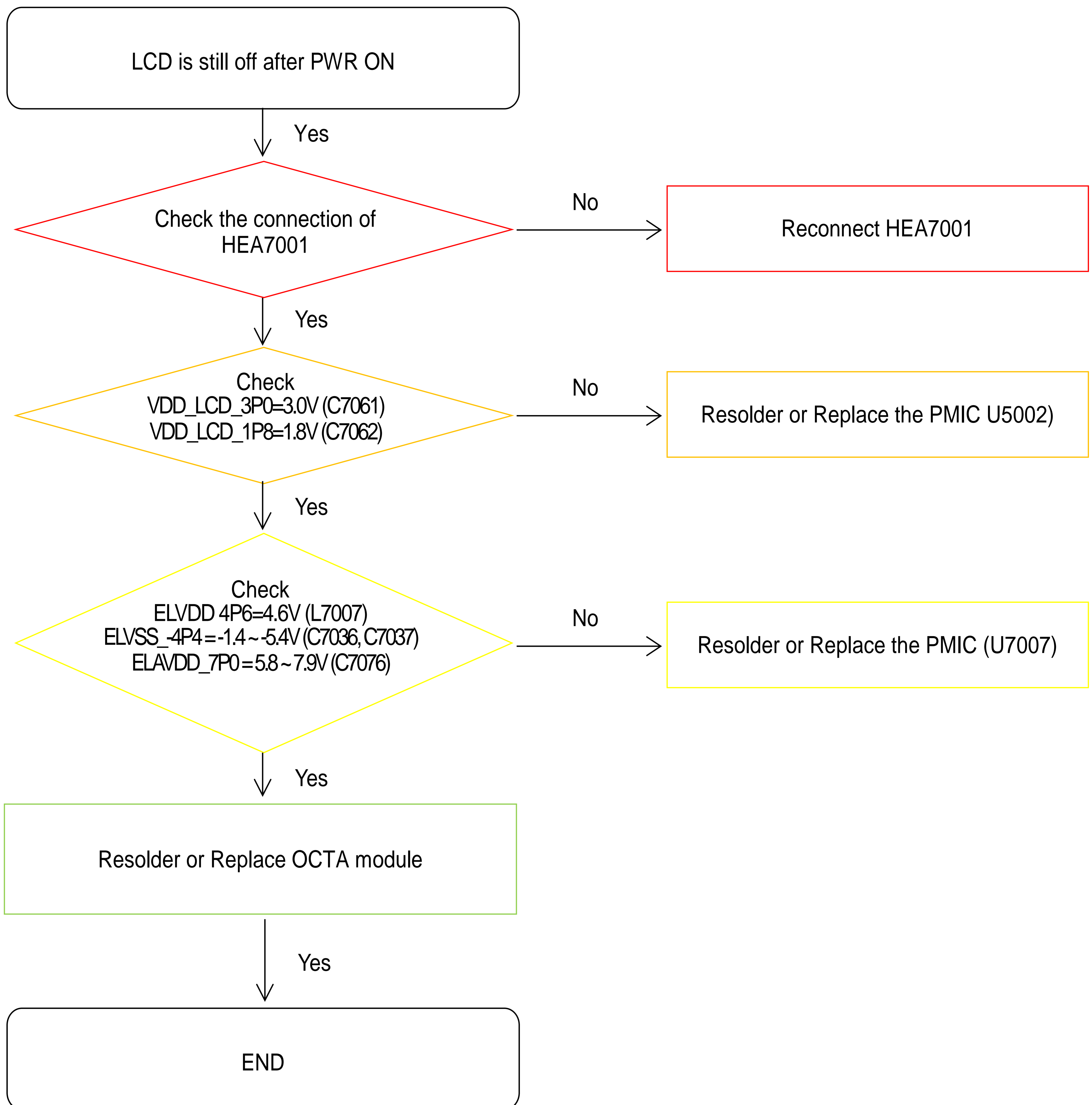
8. Level 3 Repair

8-4-13. NFC



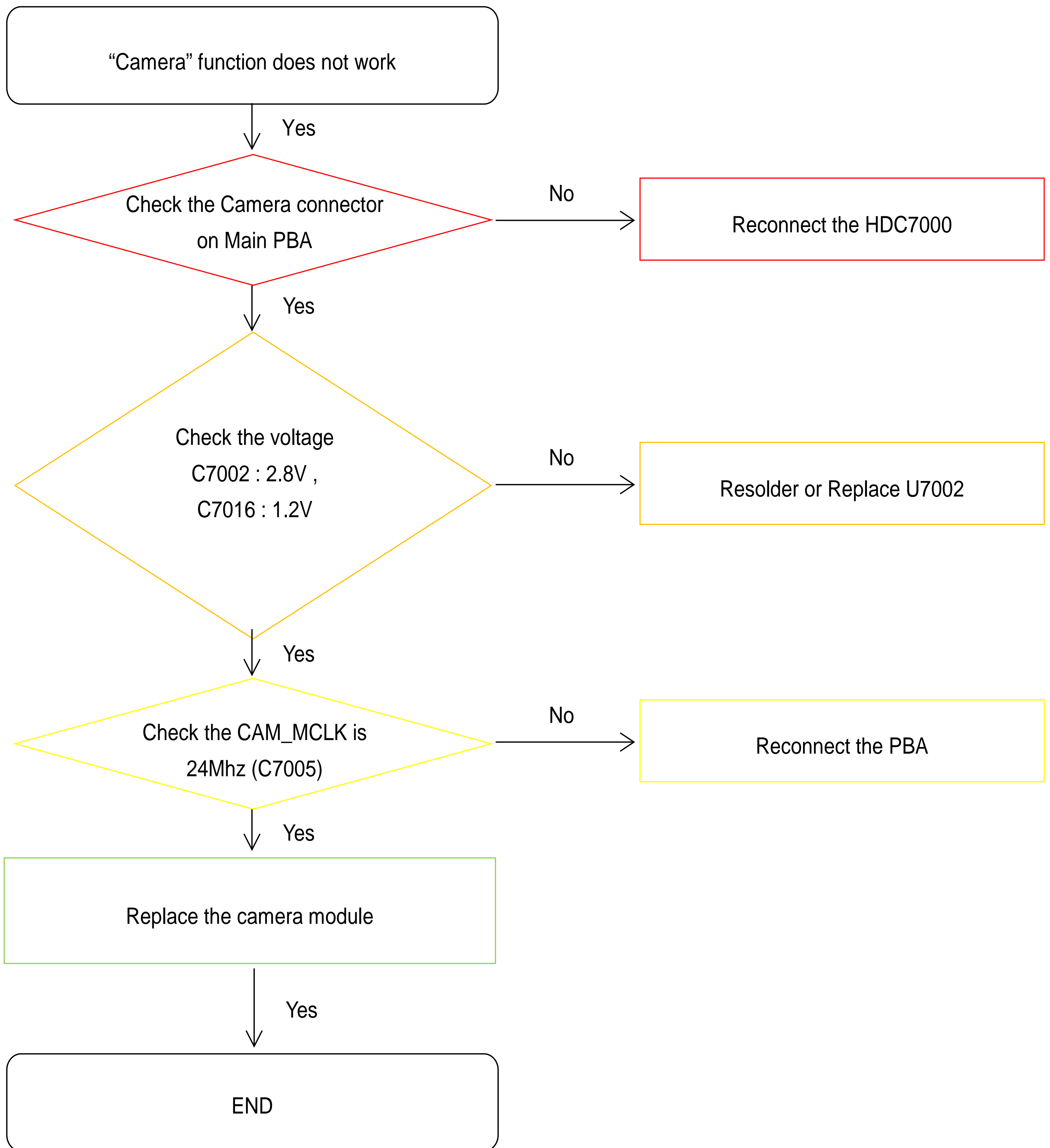
8. Level 3 Repair

8-4-14. Display



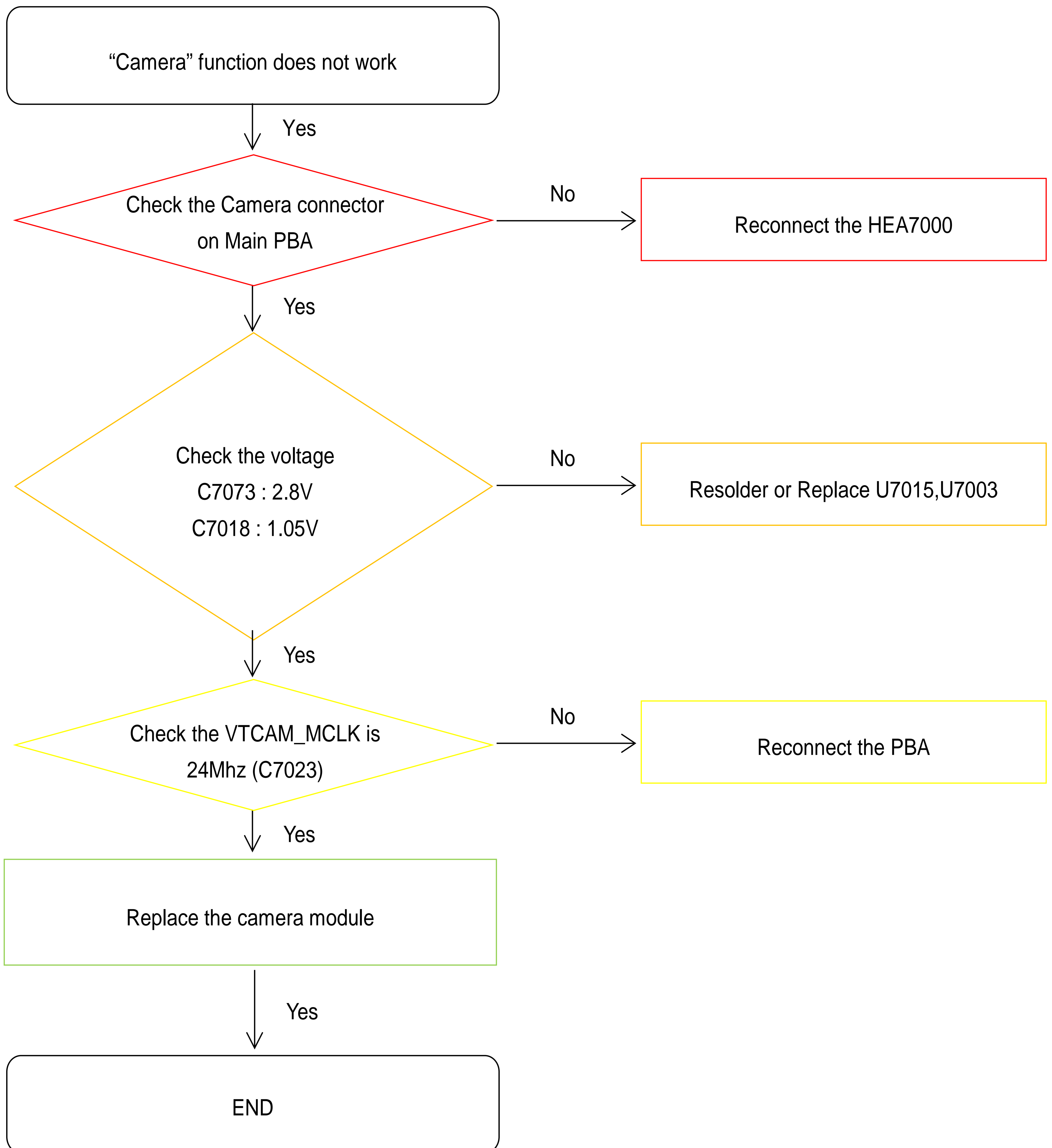
8. Level 3 Repair

8-4-15. Rear CAMERA



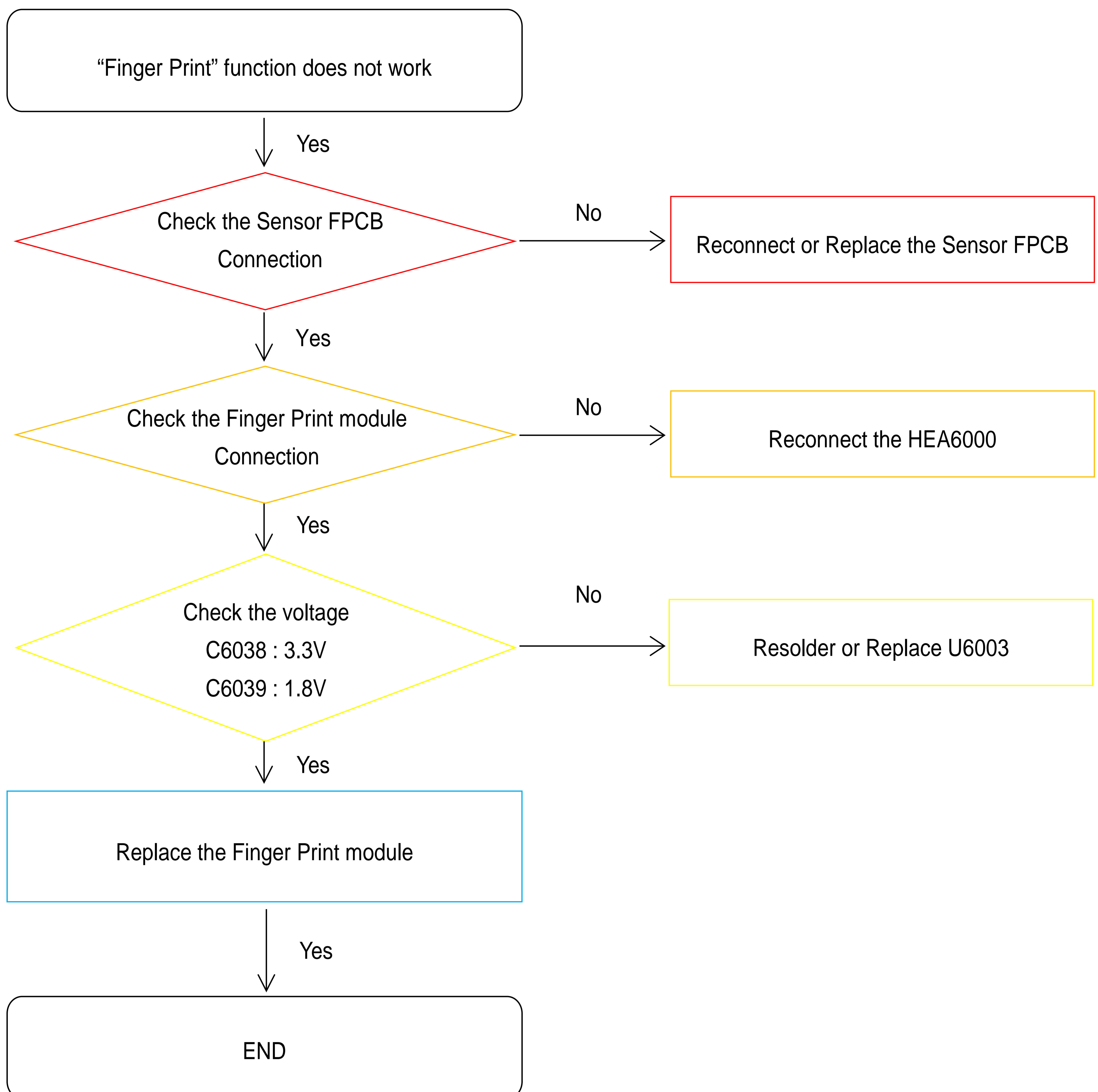
8. Level 3 Repair

8-4-16. Front CAMERA



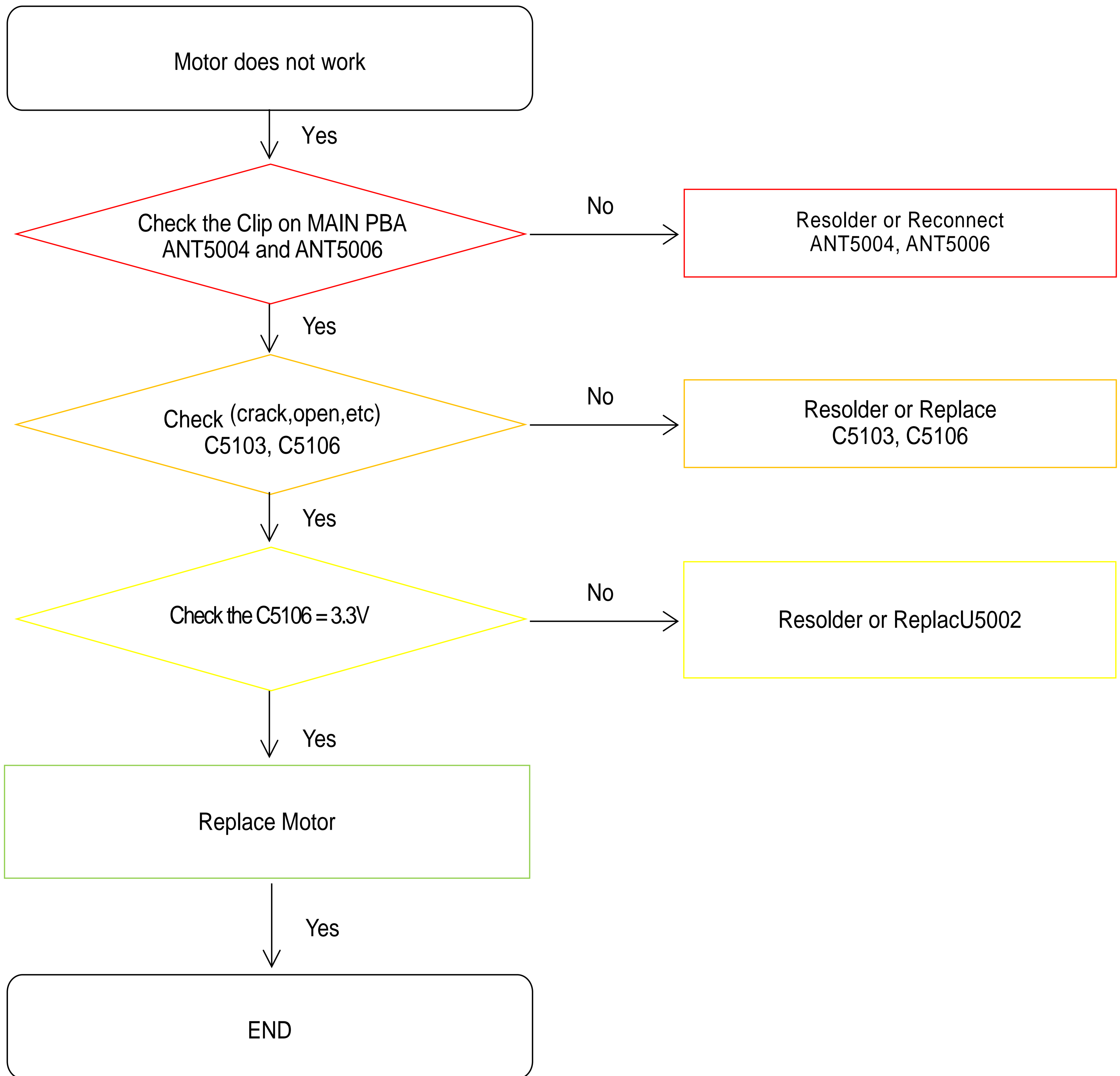
8. Level 3 Repair

8-4-17.Finger Print



8. Level 3 Repair

8-4-20. Motor



8. Level 3 Repair

8-4-21. MST [SM-J530FM/GM/YM)

