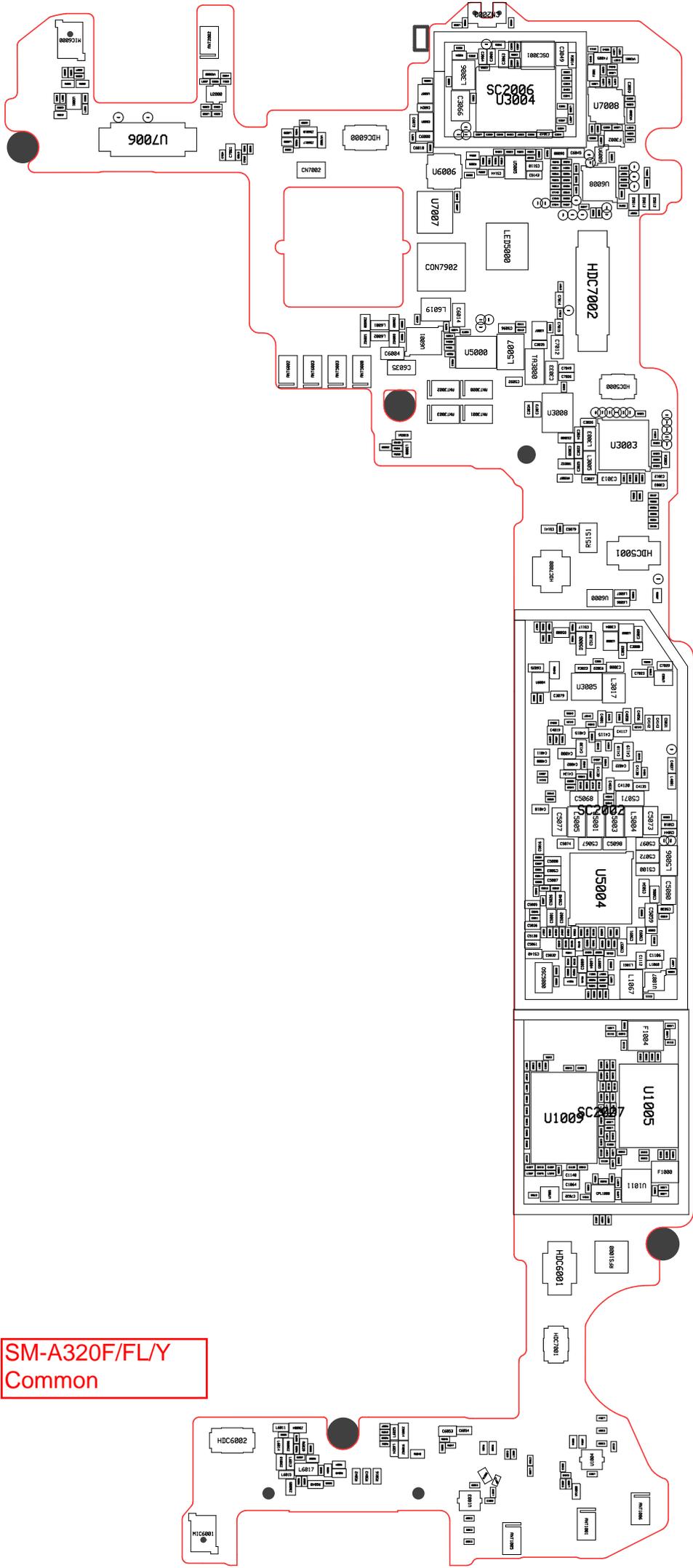
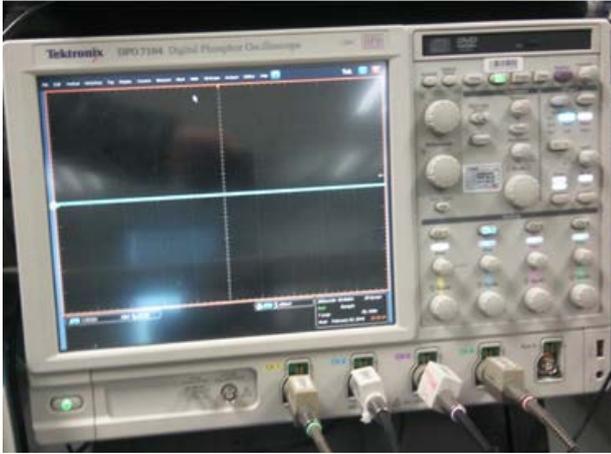
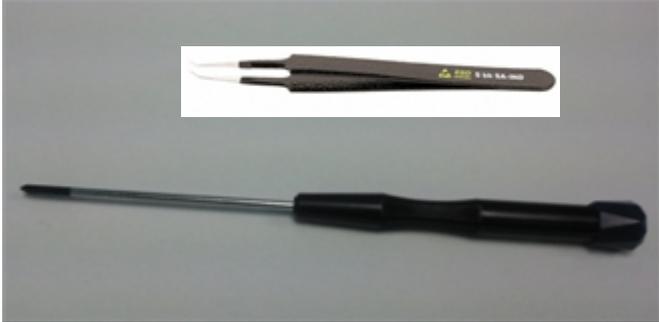
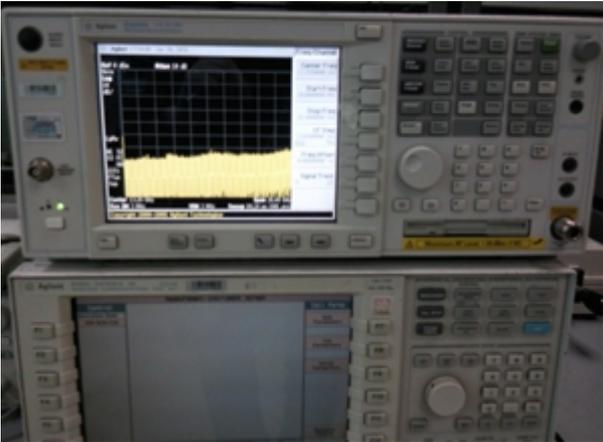


SM-A320F/FL/Y  
Common



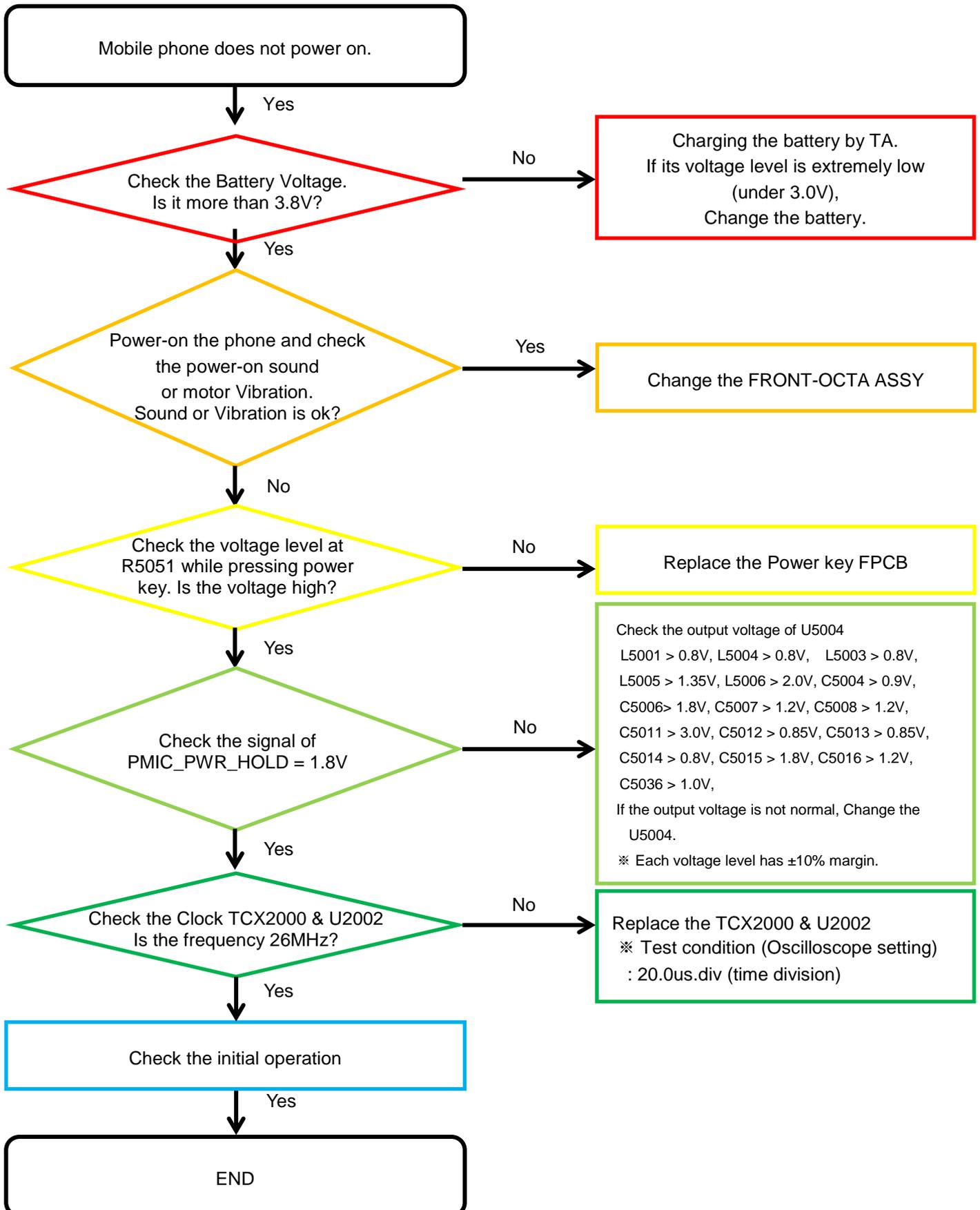
## 8. Level 3 Repair

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

	
<p><b>Oscilloscope</b></p>	<p><b>Digital Multimeter</b></p>
	
<p><b>Power Supply</b></p>	<p><b>+ driver, ESD Safe Tweezer</b></p>
	
<p><b>8960 &amp; Spectrum Analyzer</b></p>	<p><b>Soldering iron</b></p>

## 8. Level 3 Repair

### 8-4-1. Power On

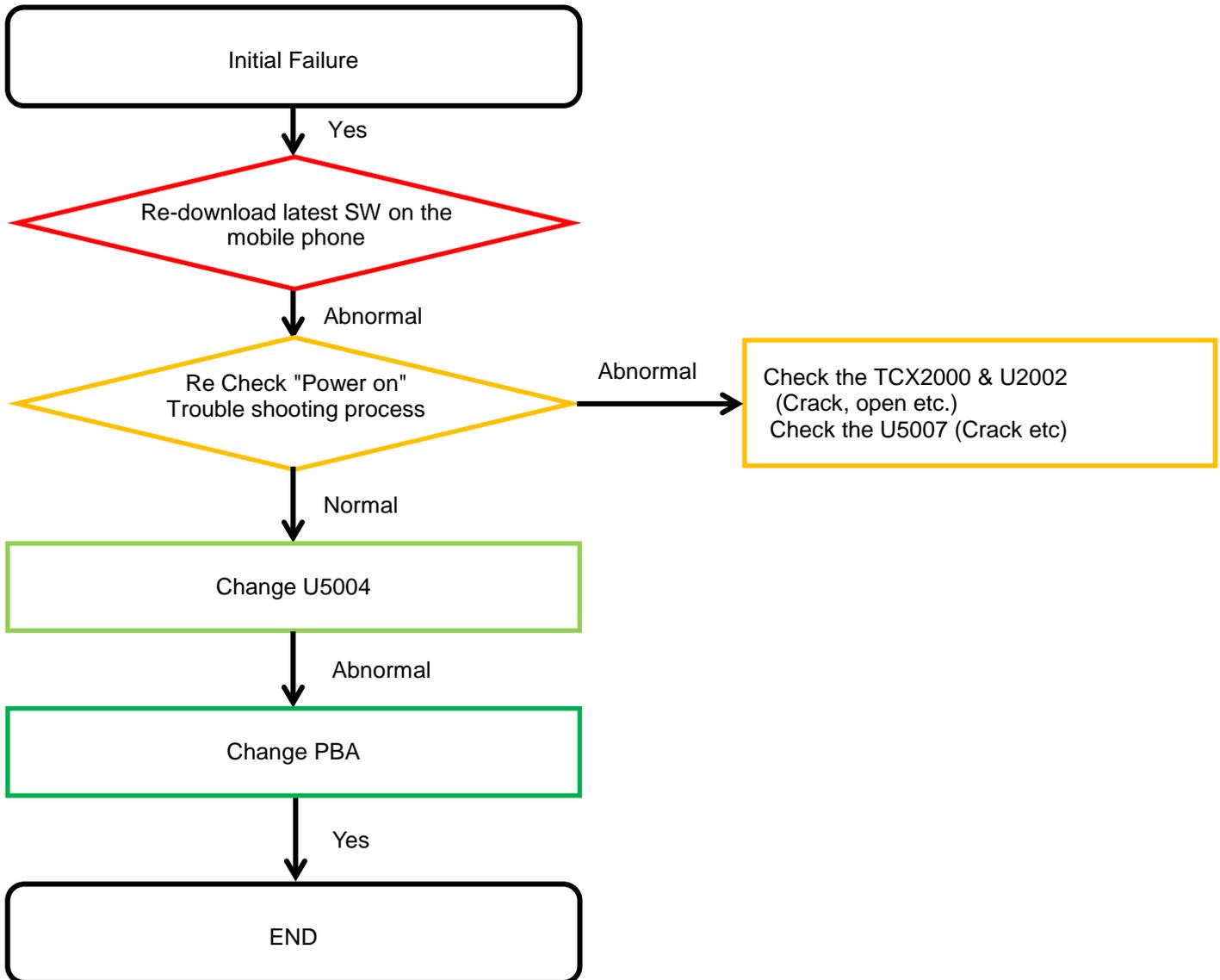


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## 8. Level 3 Repair

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### 8-4-2. Initial

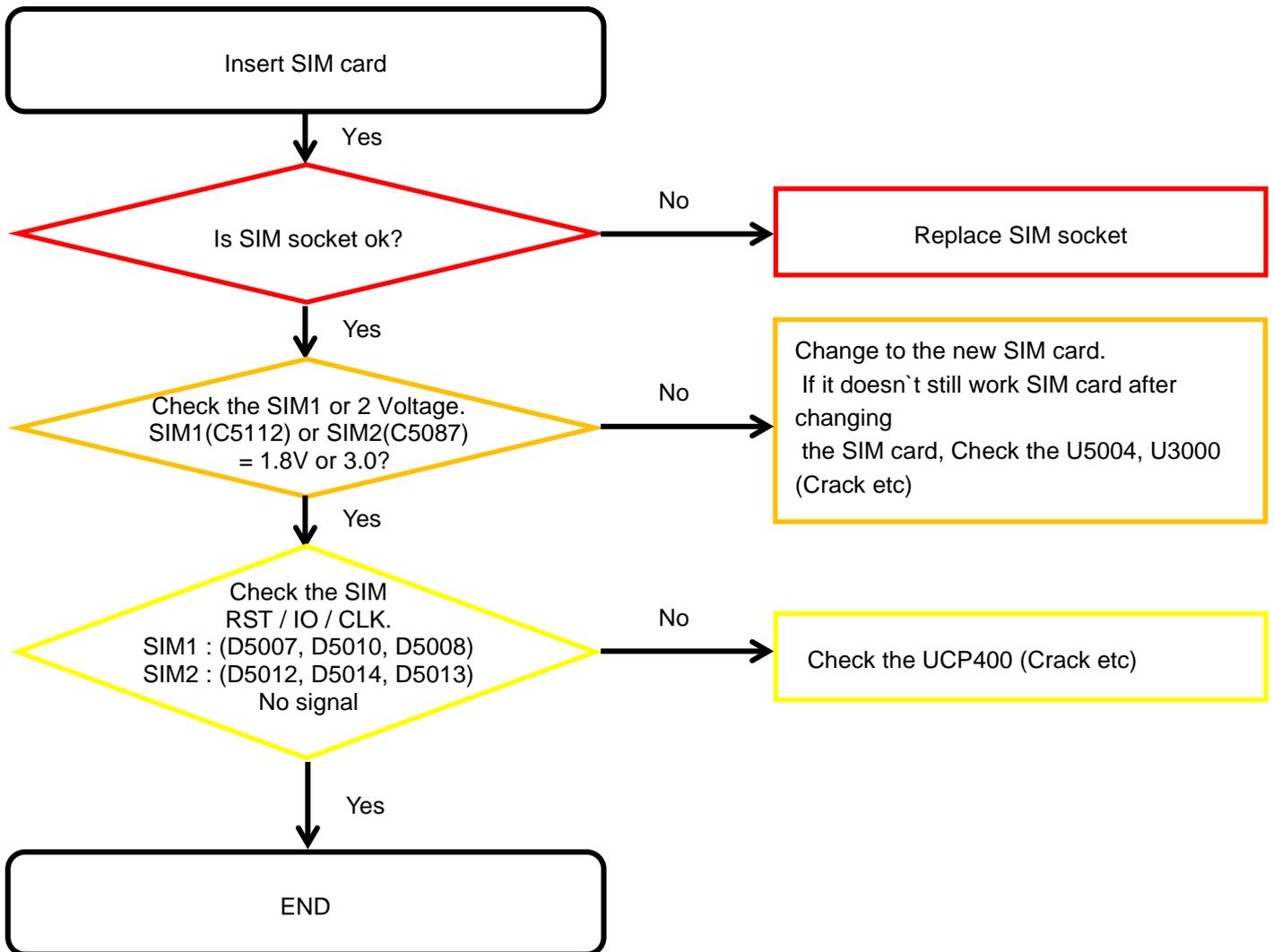


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## 8. Level 3 Repair

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### 8-4-3. SIM Part

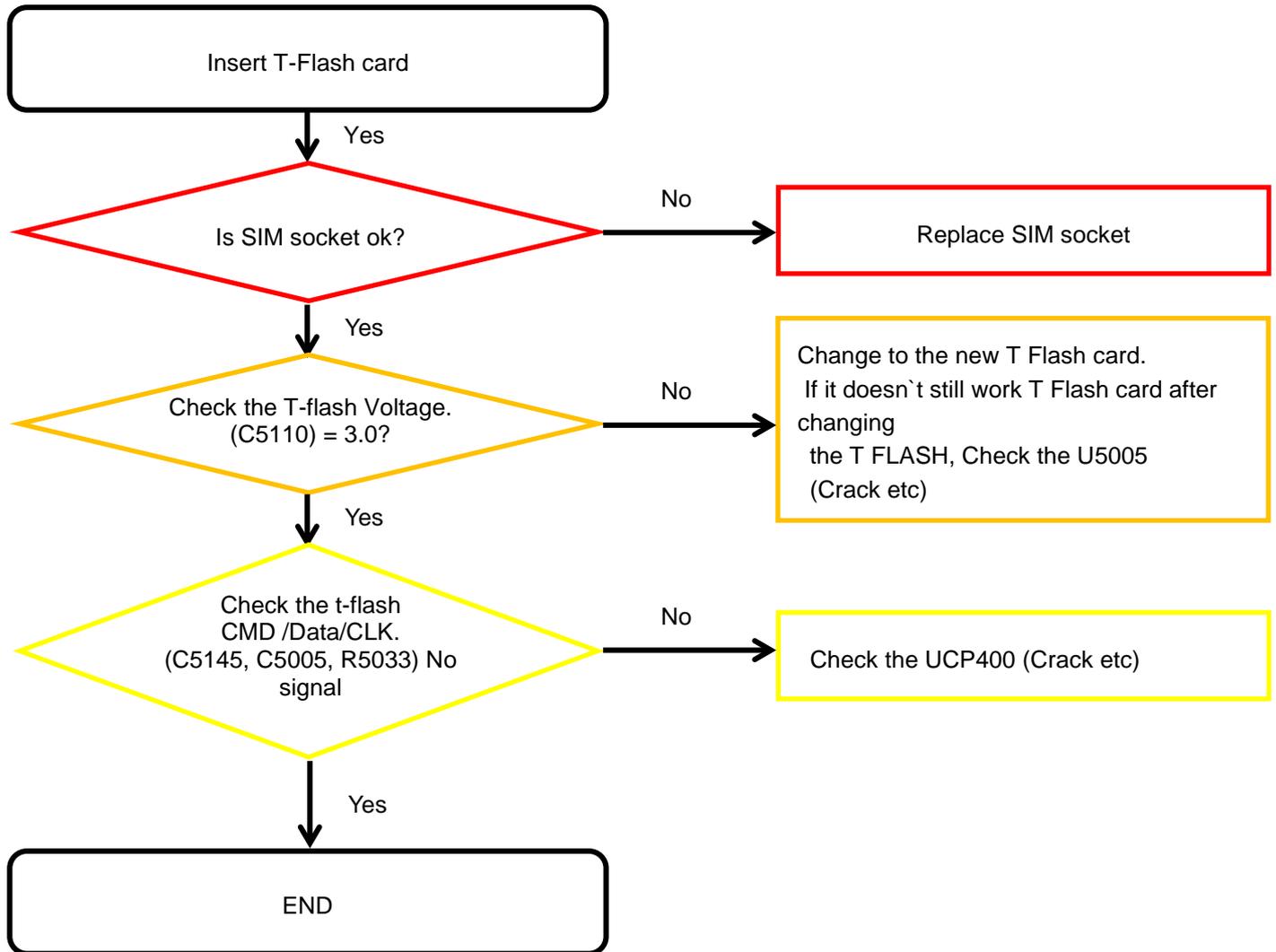


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## 8. Level 3 Repair

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

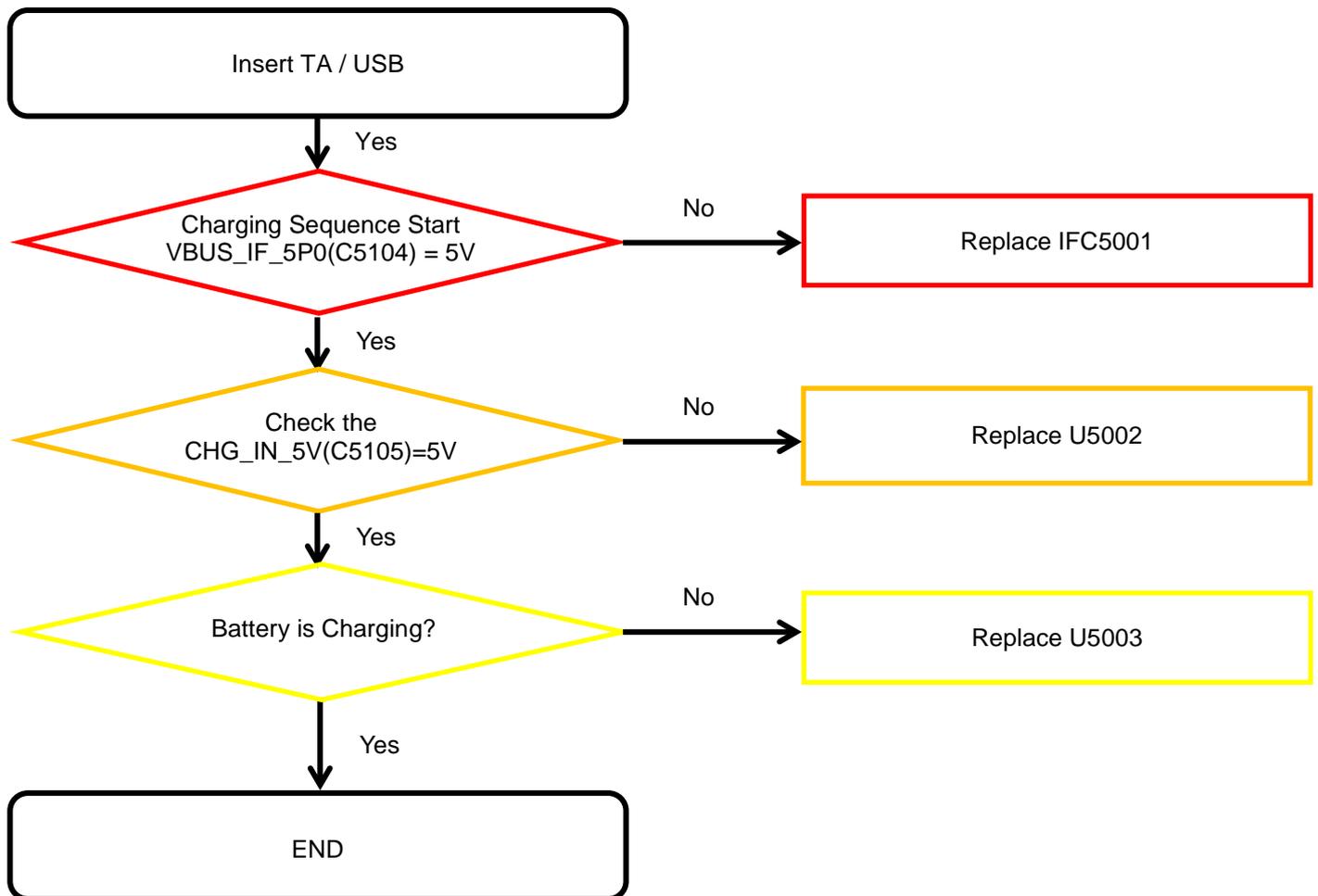


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## 8. Level 3 Repair

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### 8-4-5. Charging Part

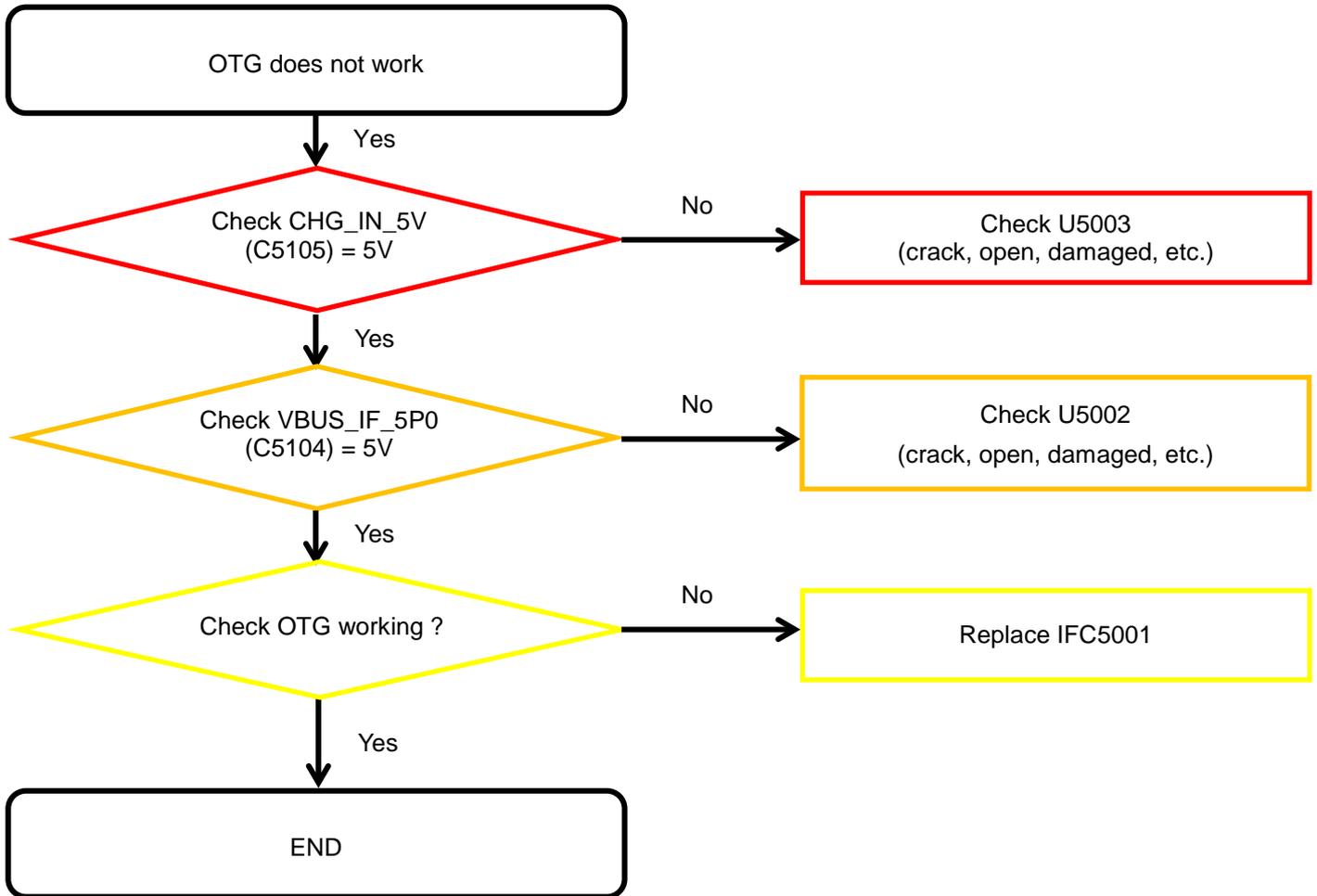


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## 8. Level 3 Repair

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### 8-4-6. OTG

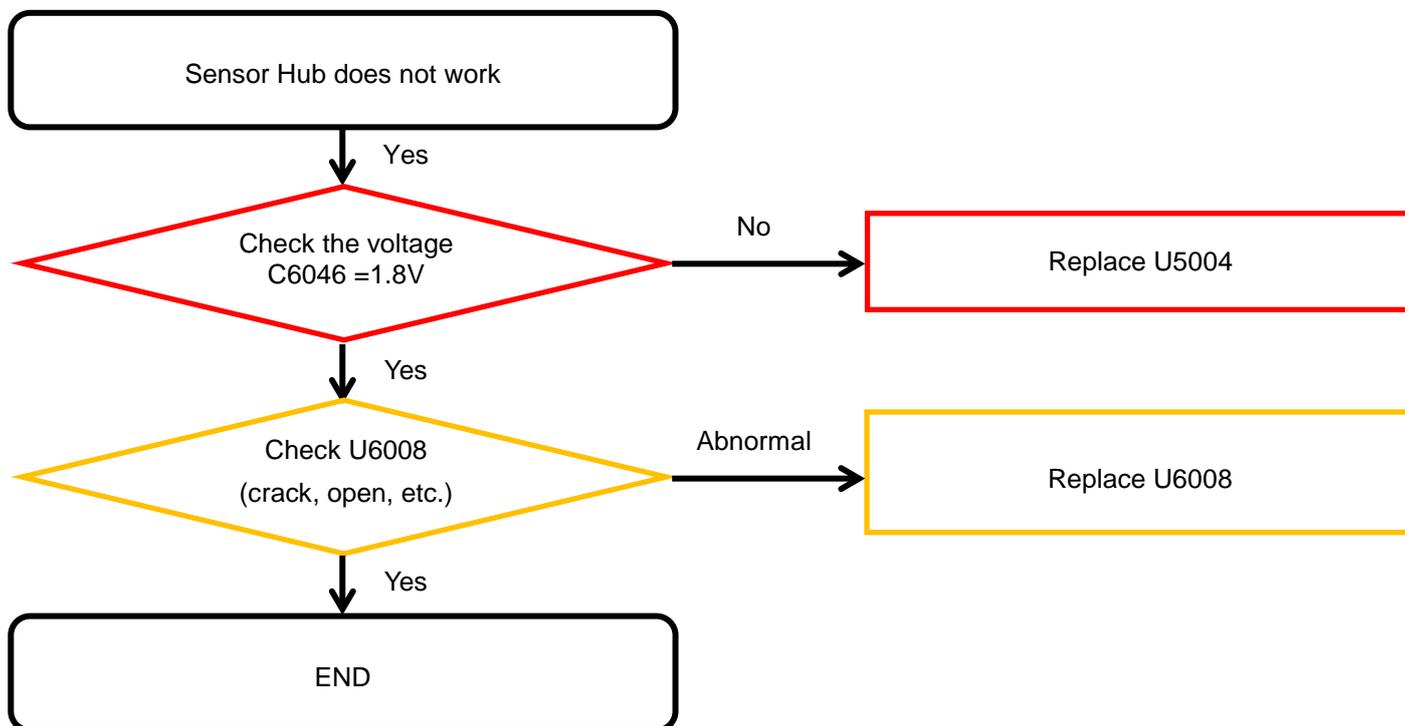


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## 8. Level 3 Repair

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

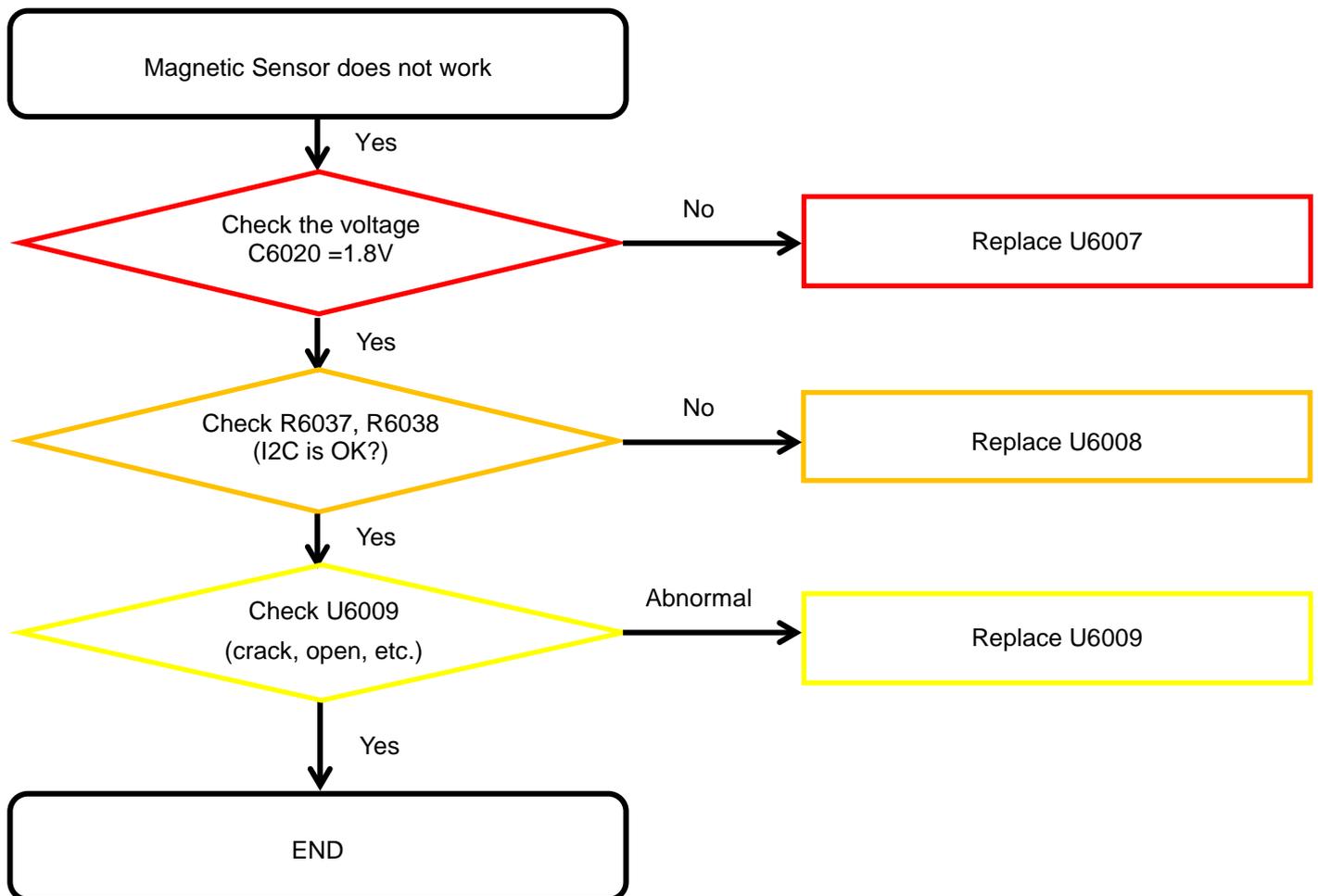


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## 8. Level 3 Repair

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### 8-4-7-2. Magnetic Sensor

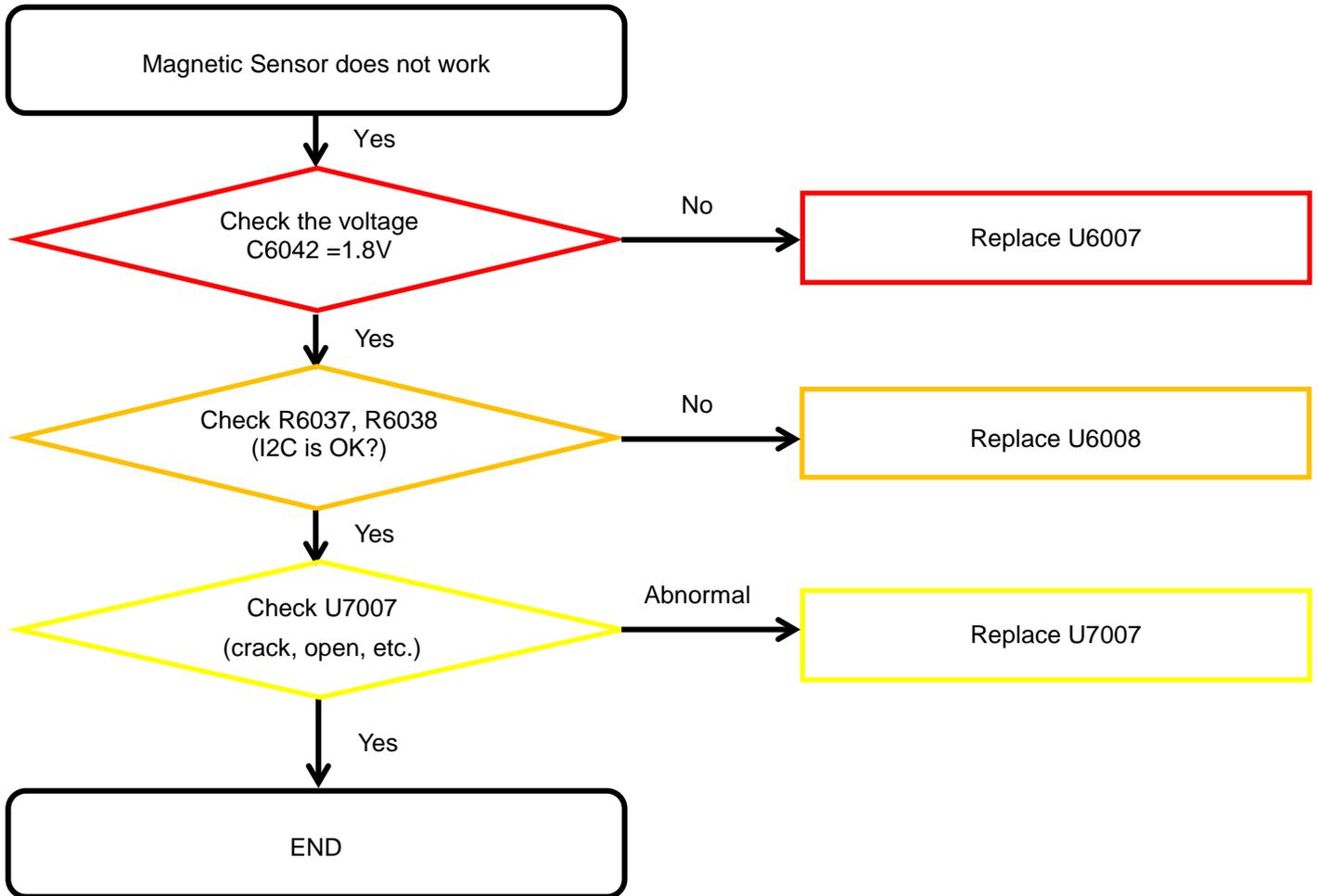


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## 8. Level 3 Repair

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### 8-4-7-3. 6Axis Sensor

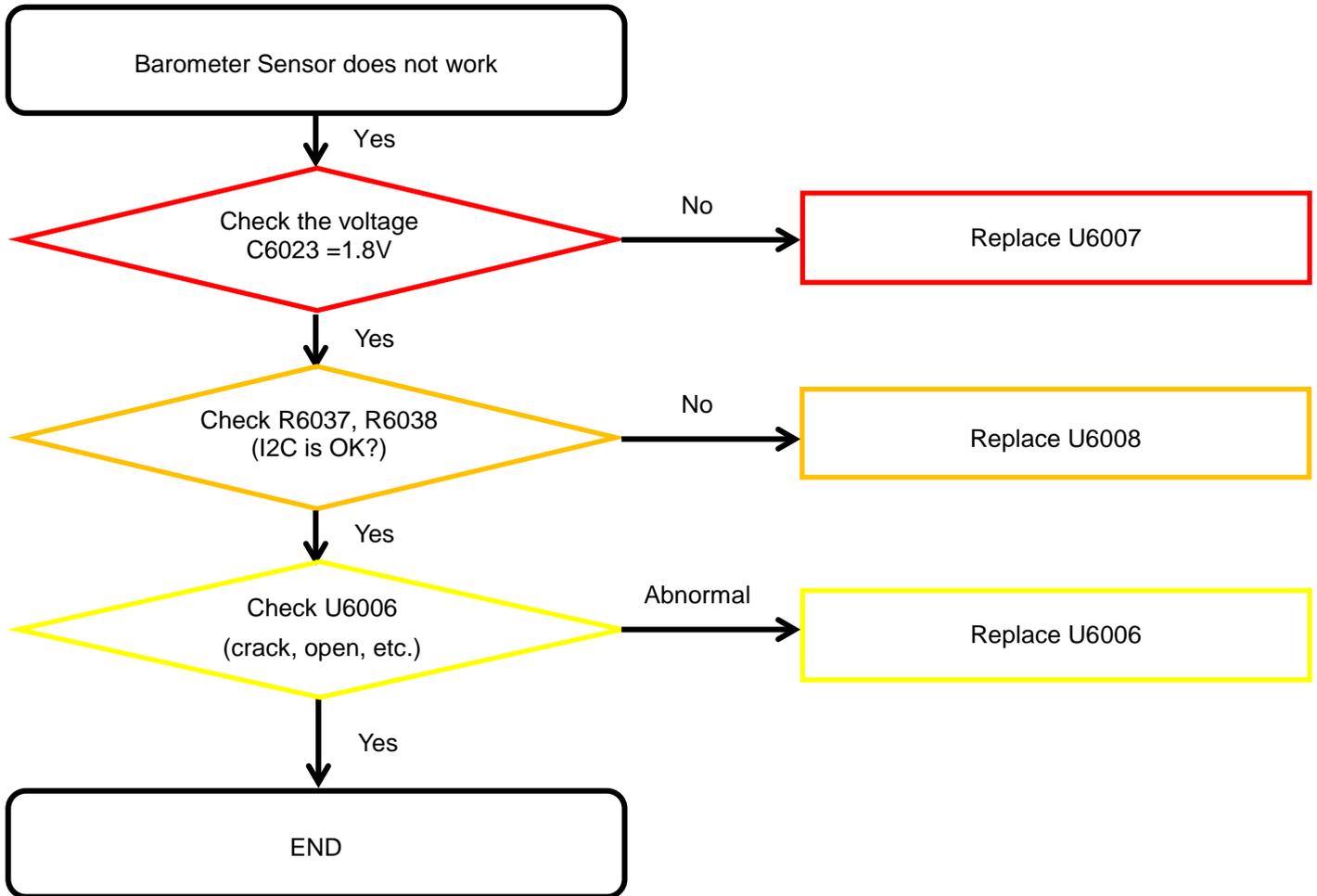


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## 8. Level 3 Repair

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### 8-4-7-4. Barometer sensor

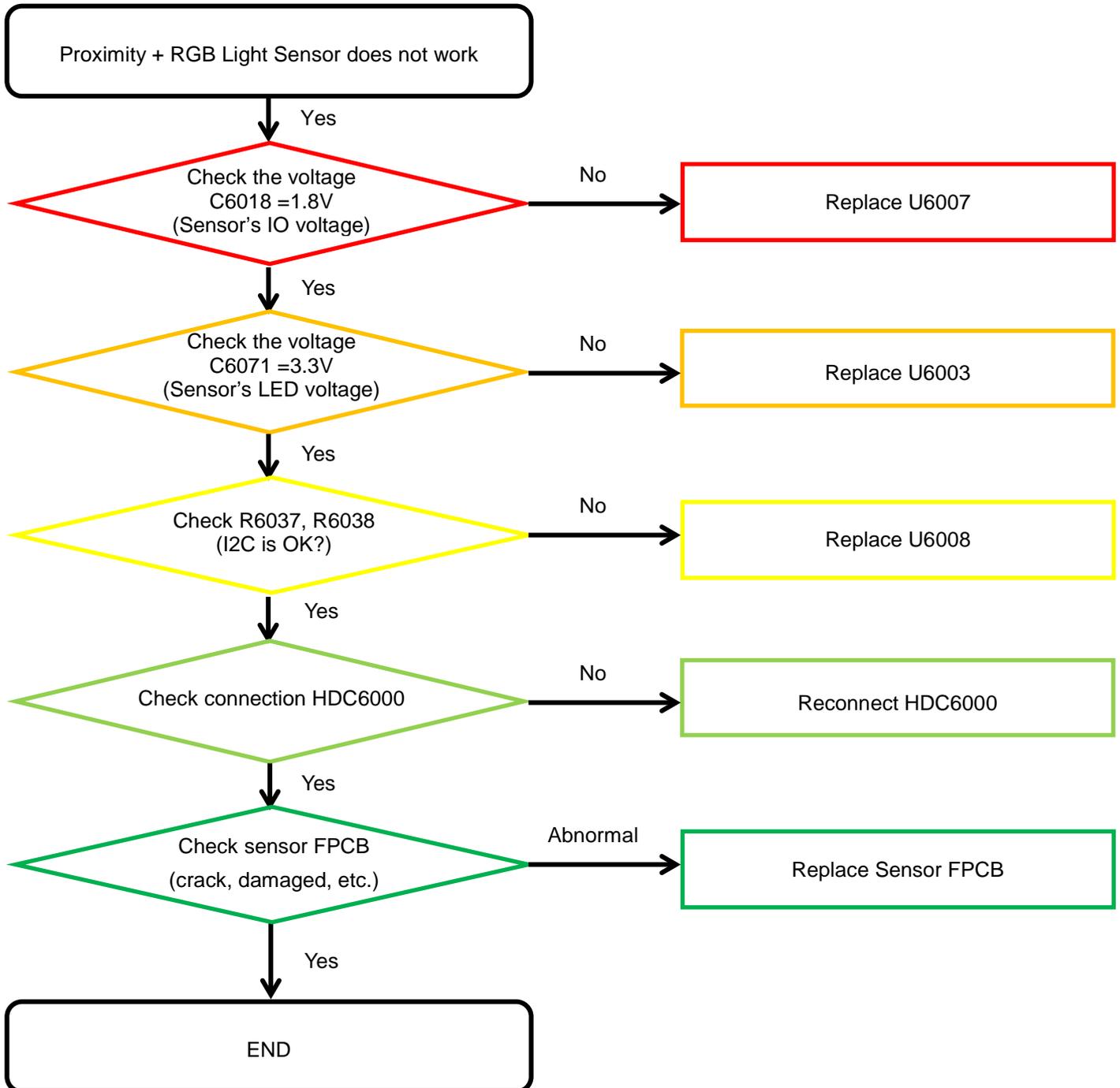


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## 8. Level 3 Repair

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### 8-4-7-5. Proximity + RGB Light sensor

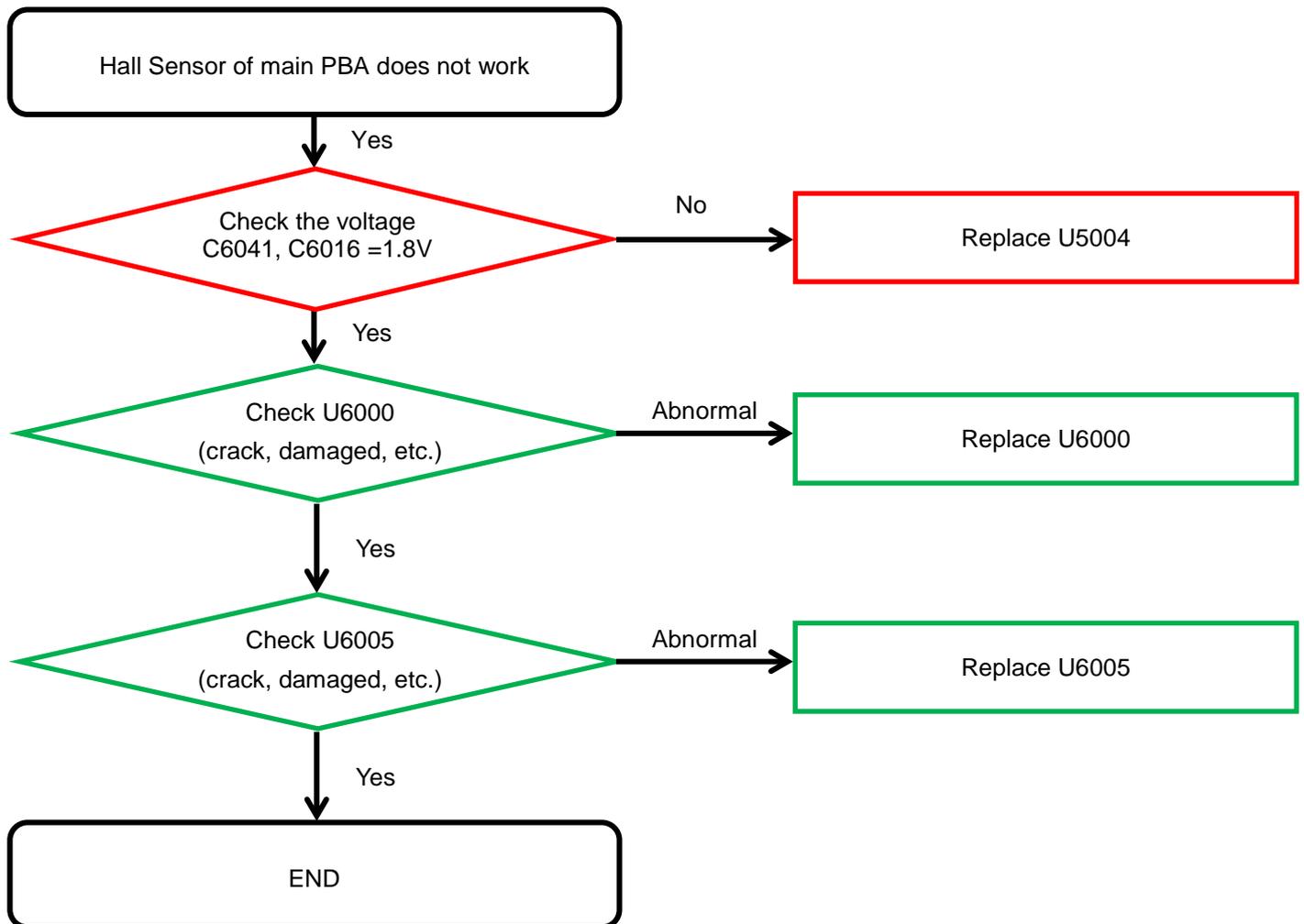


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## 8. Level 3 Repair

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### 8-4-7-7. Hall Sensor

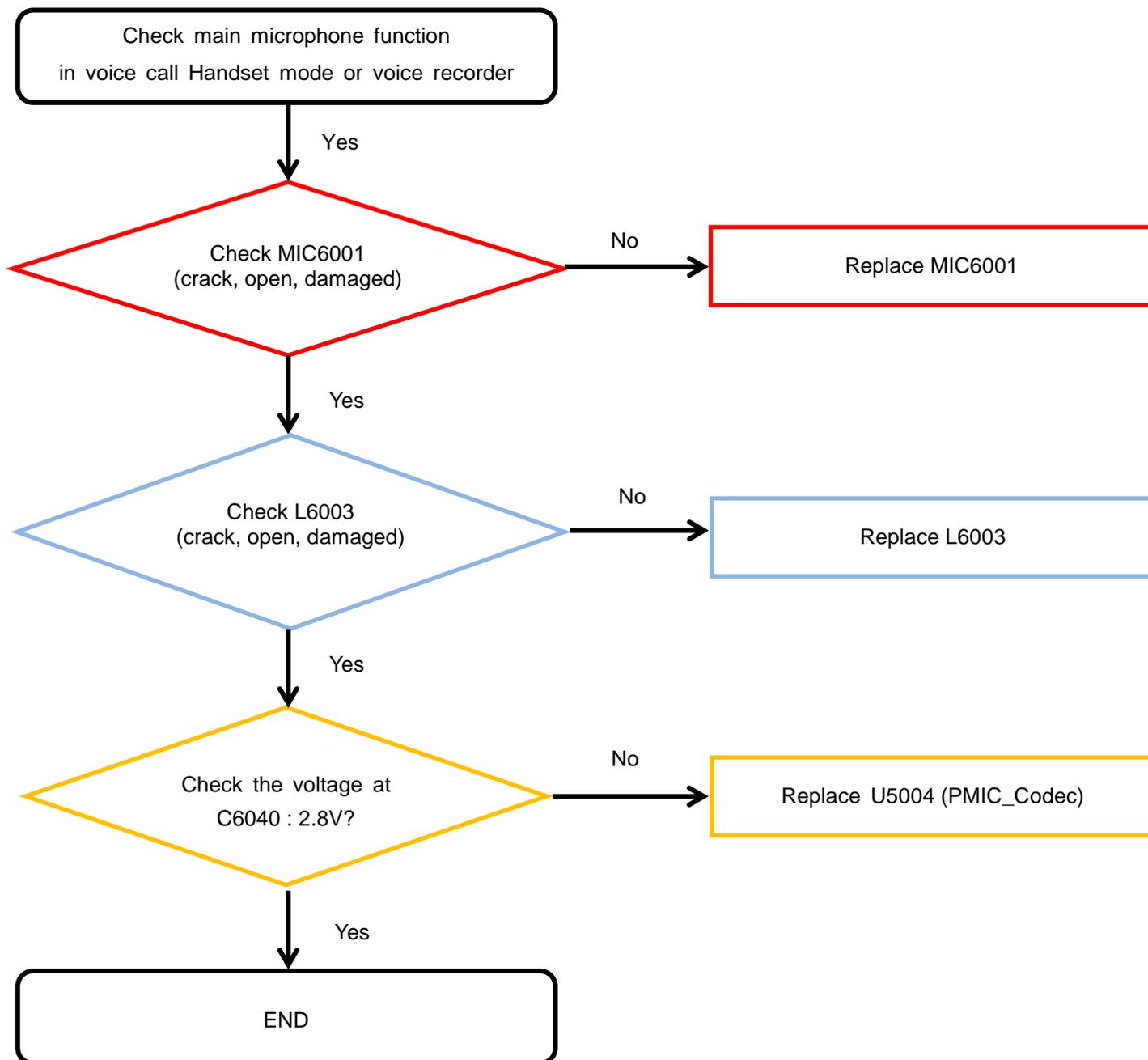


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## 8. Level 3 Repair

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

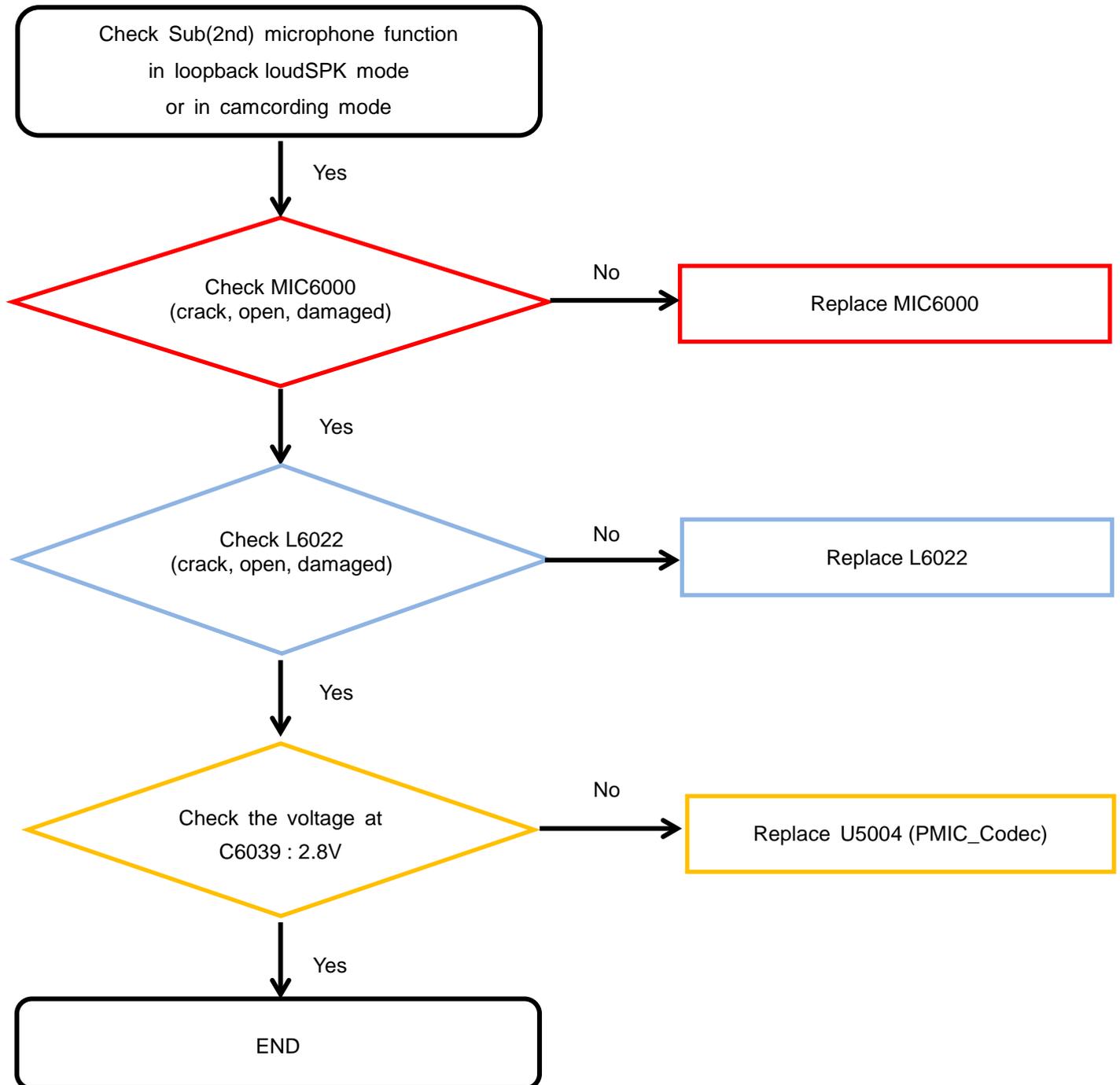


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## 8. Level 3 Repair

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### 8-4-8-2. Microphone Part - Sub(2nd) MIC

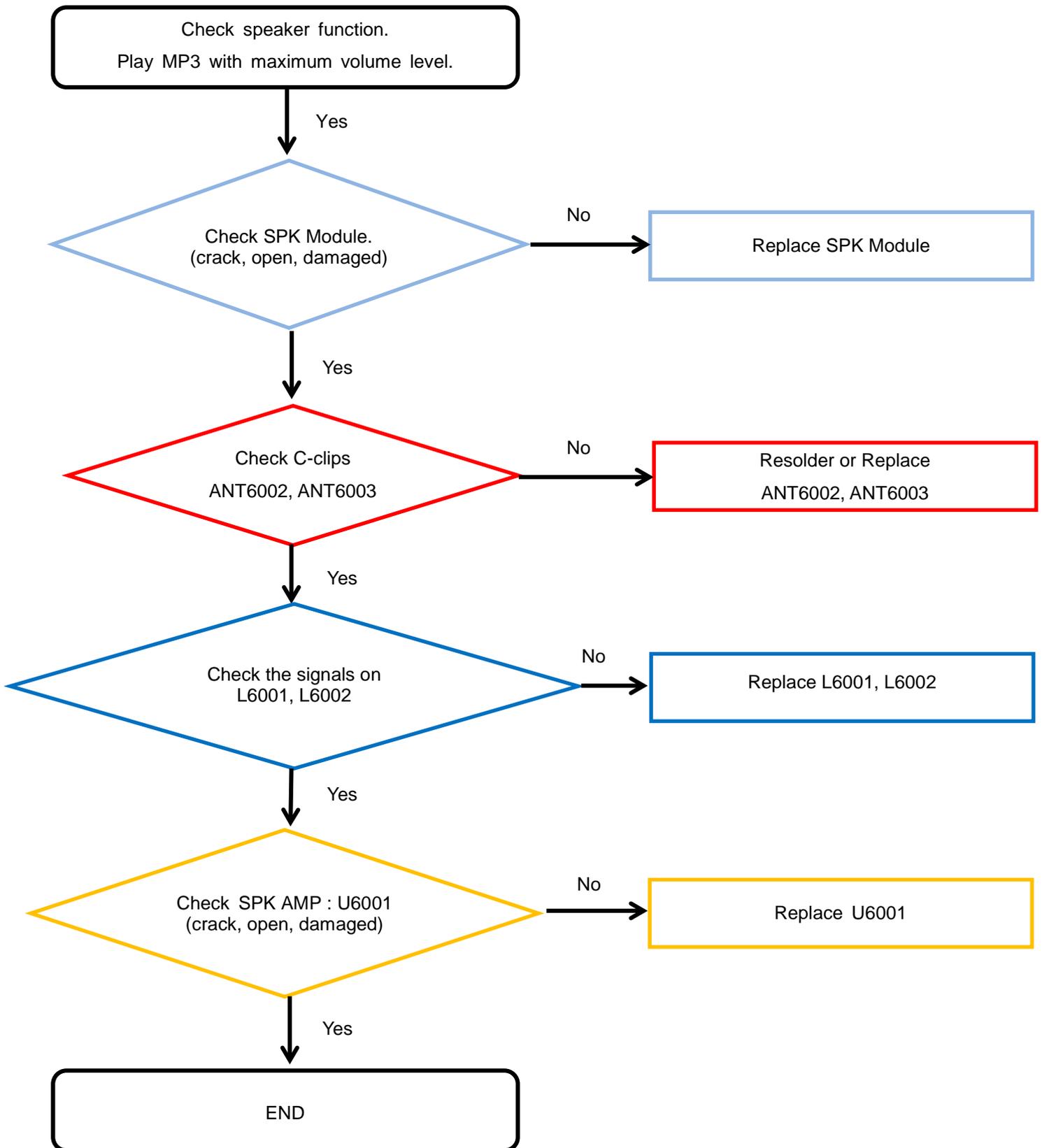


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## 8. Level 3 Repair

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### 8-4-9. Speaker Part

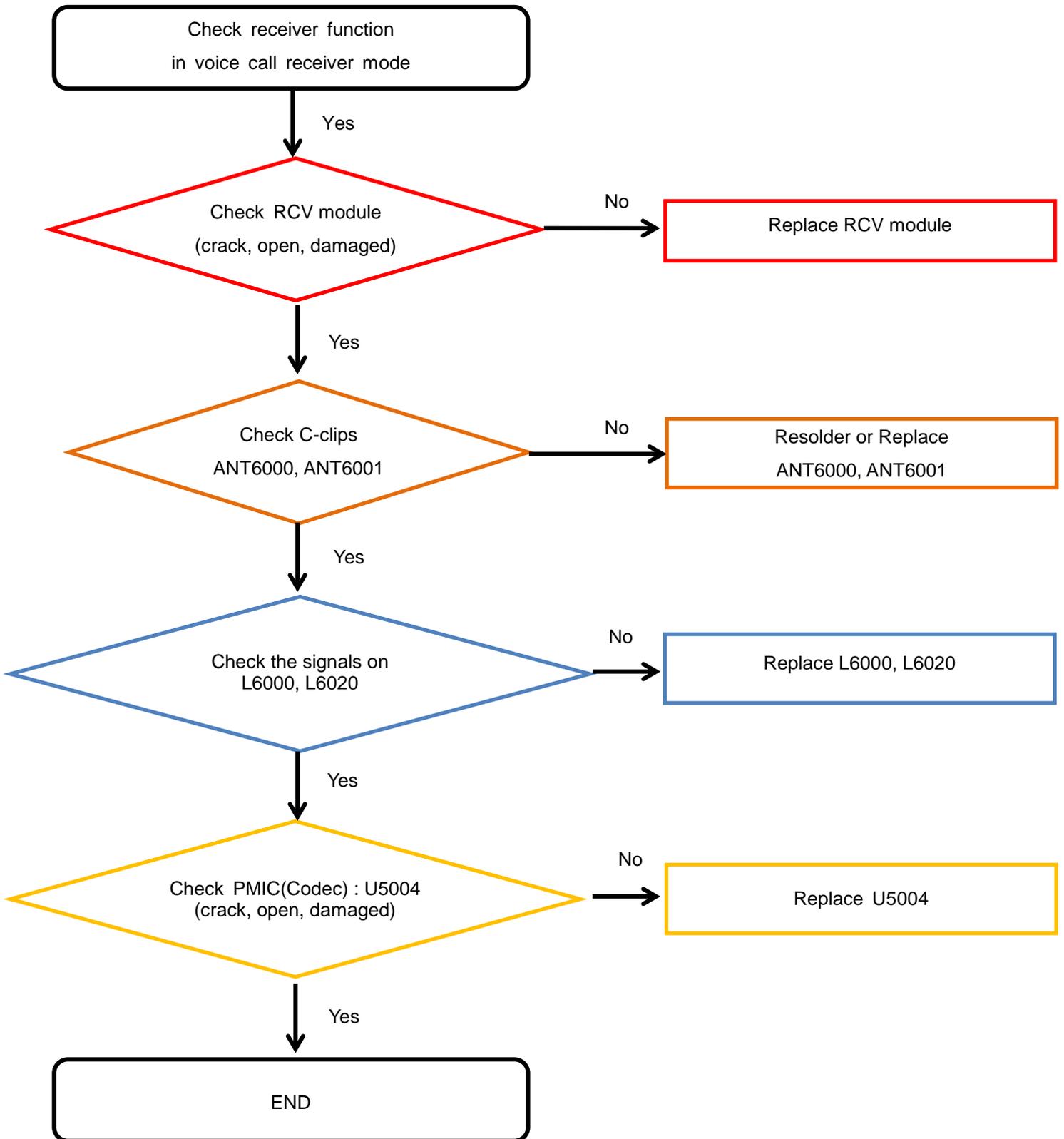


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## 8. Level 3 Repair

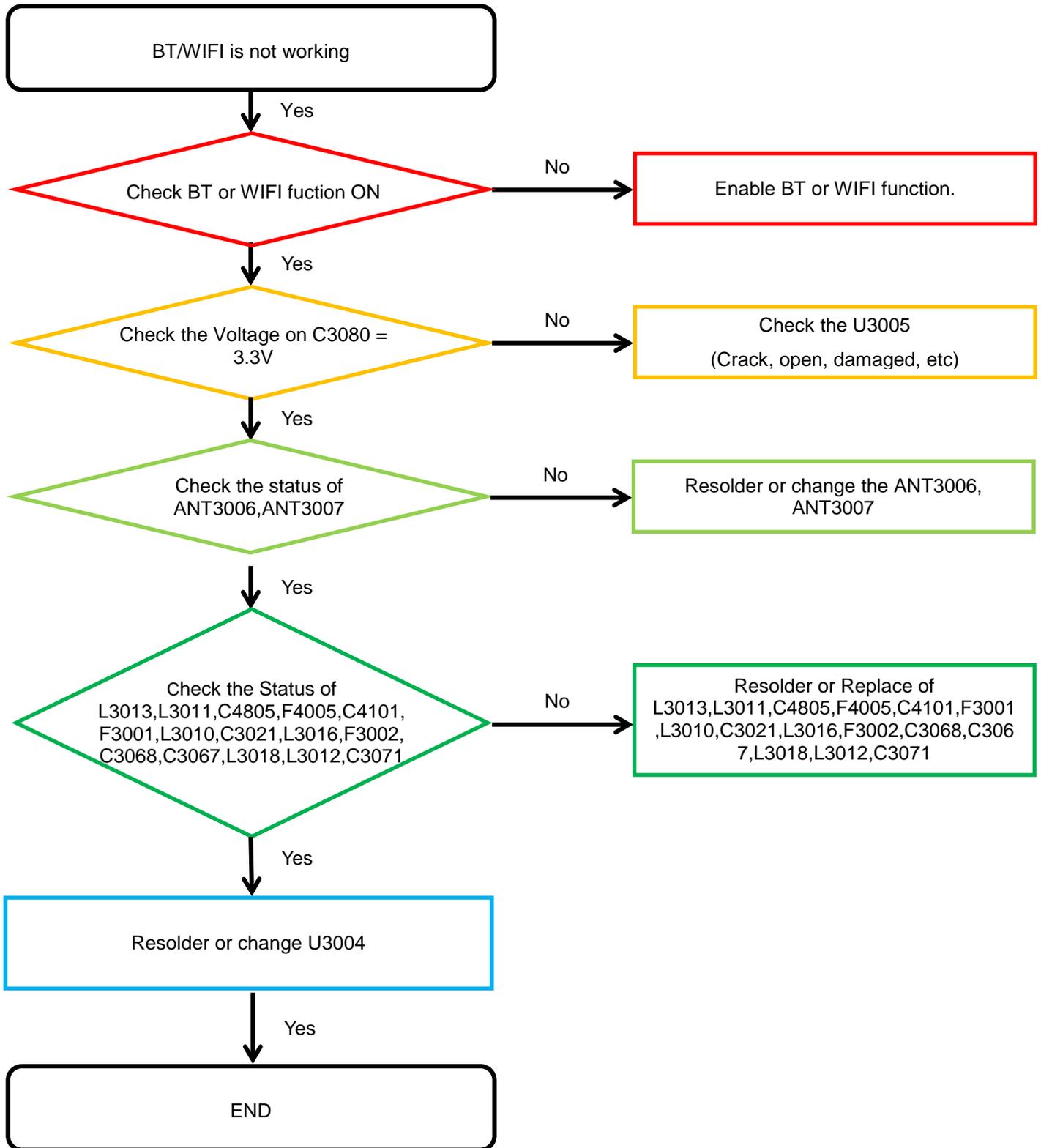
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### 8-4-10. Receiver Part



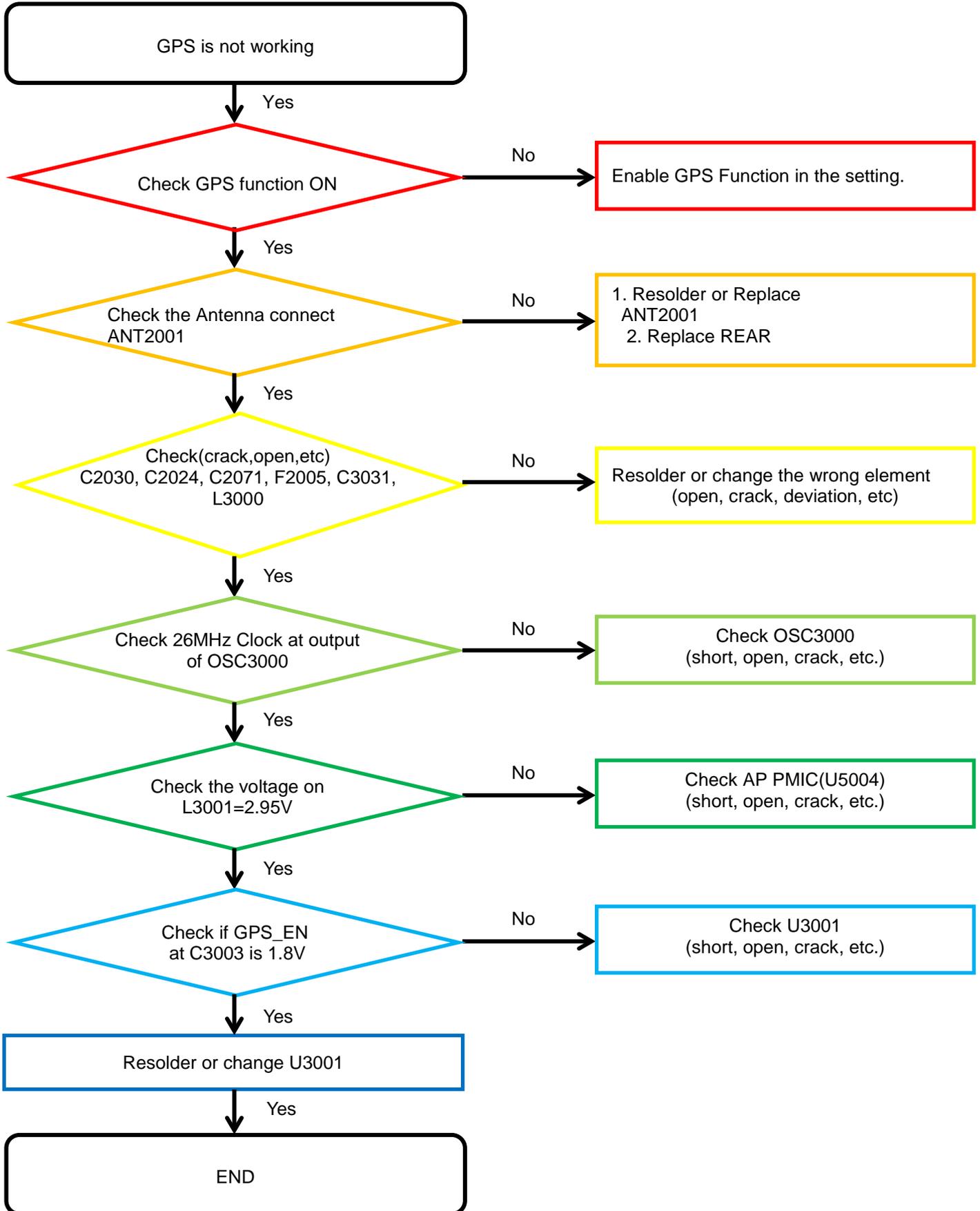
## 8. Level 3 Repair

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



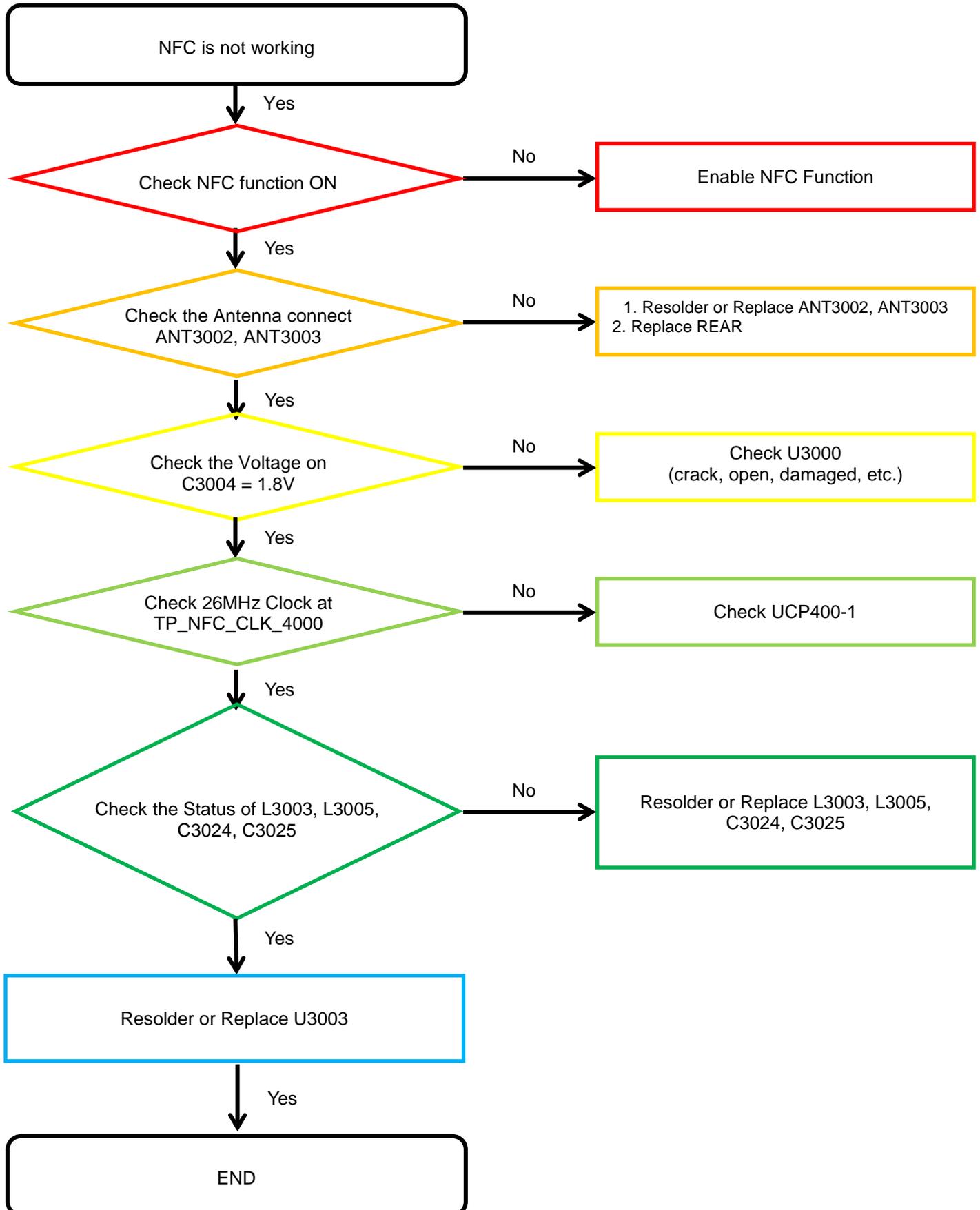
## 8. Level 3 Repair

### 8-4-12. GPS



## 8. Level 3 Repair

### 8-4-13. NFC

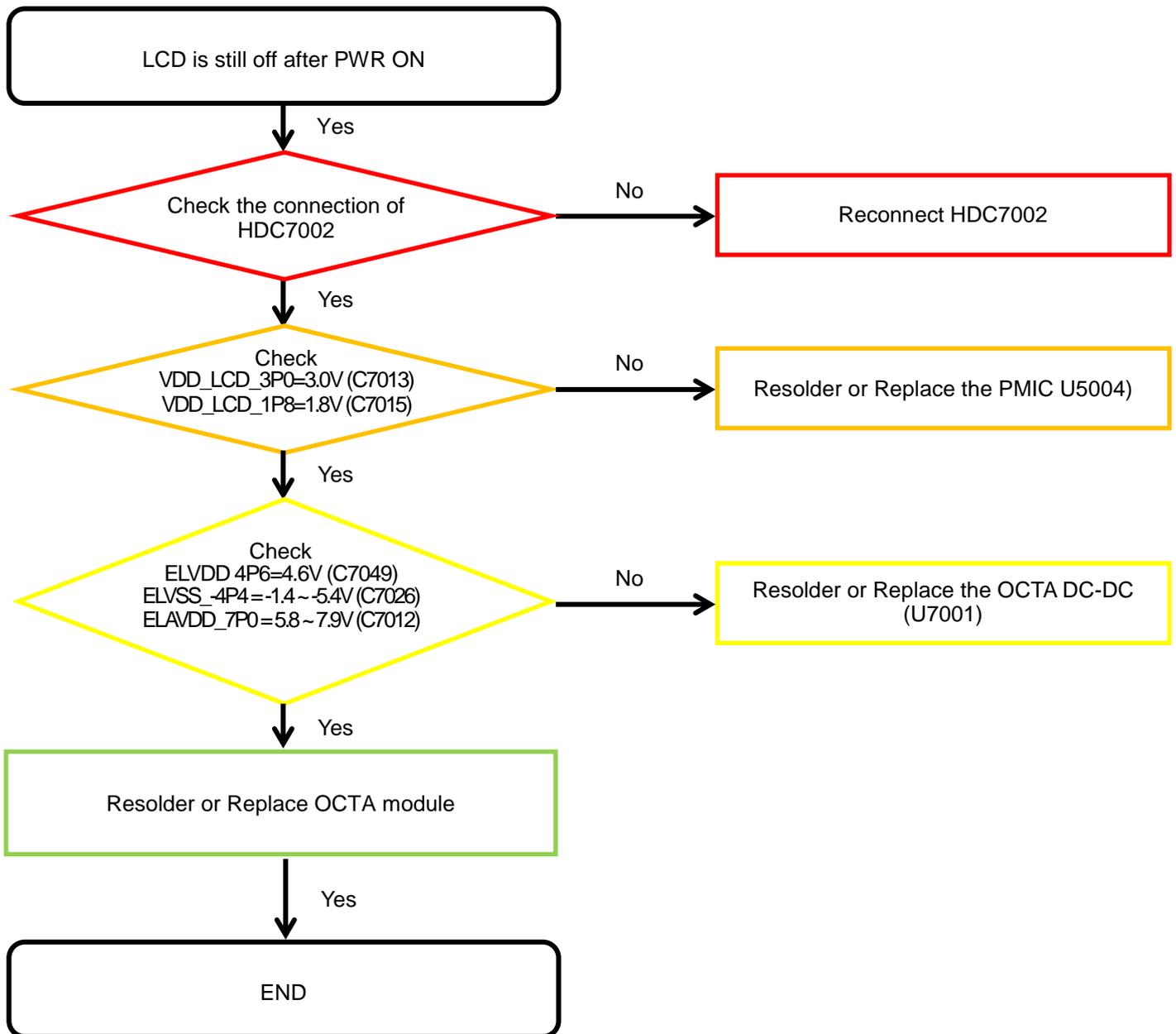


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## 8. Level 3 Repair

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### 8-4-14. Display

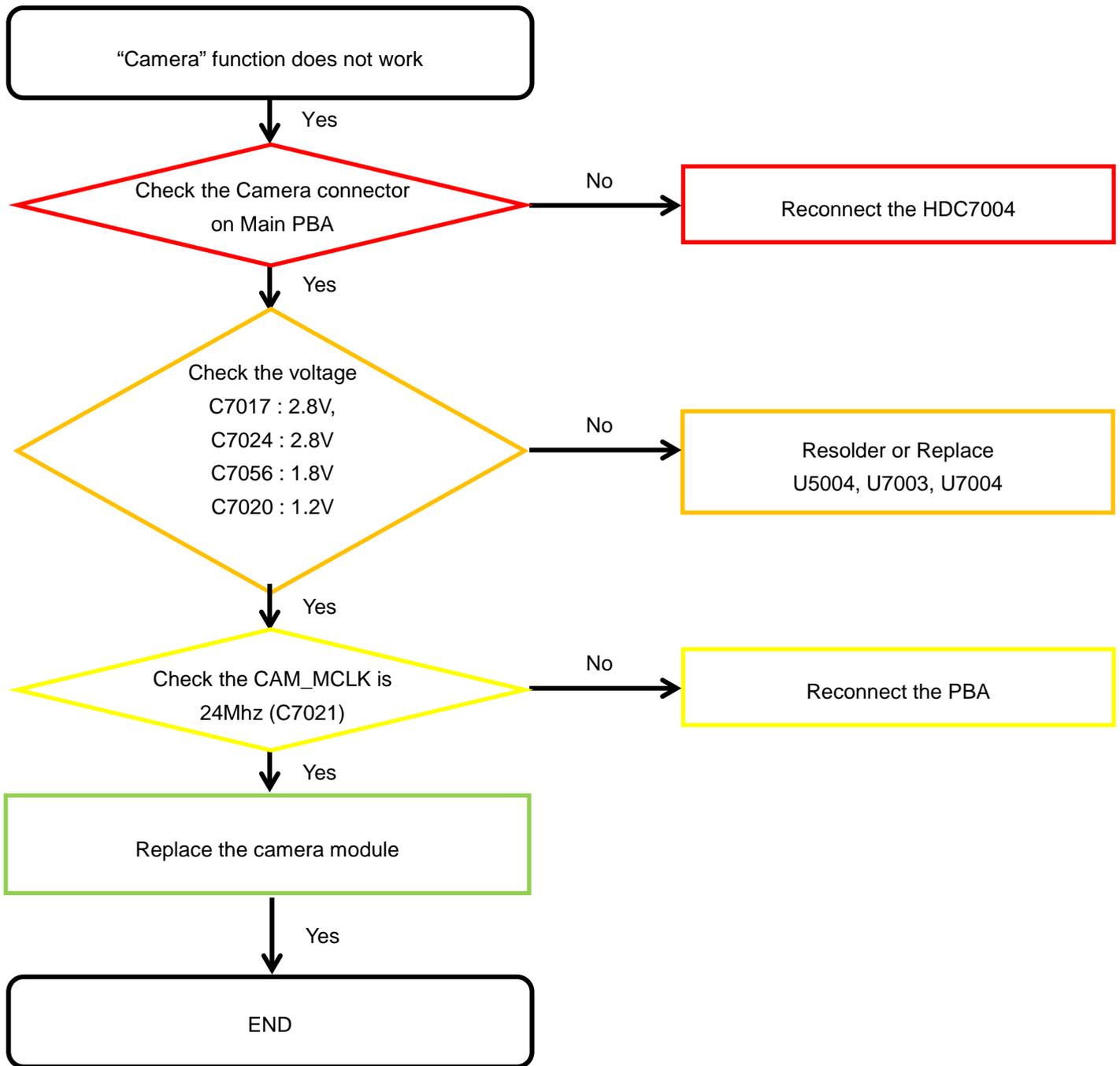


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## 8. Level 3 Repair

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### 8-4-15. Rear CAMERA

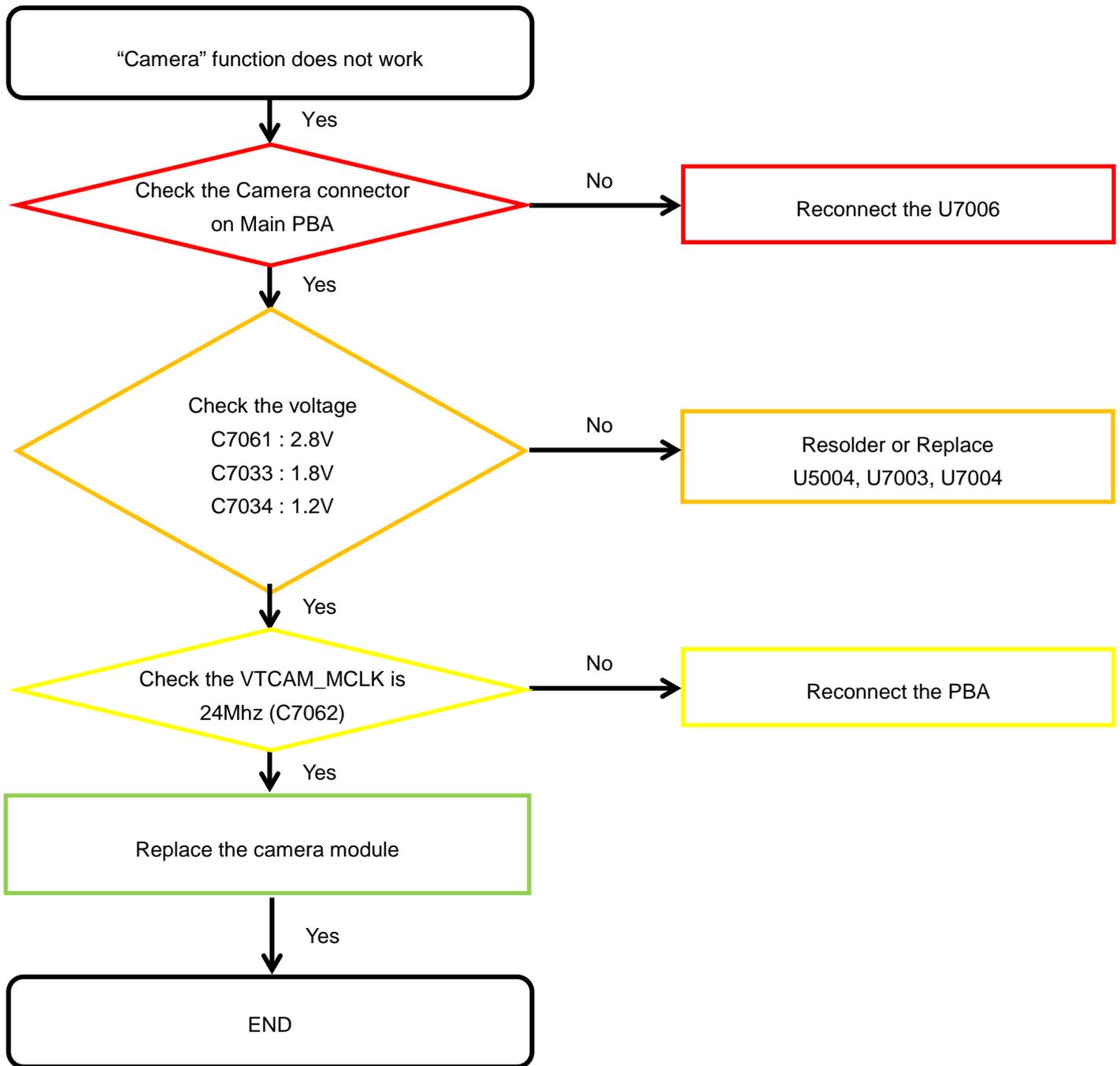


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## 8. Level 3 Repair

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### 8-4-16. Front CAMERA

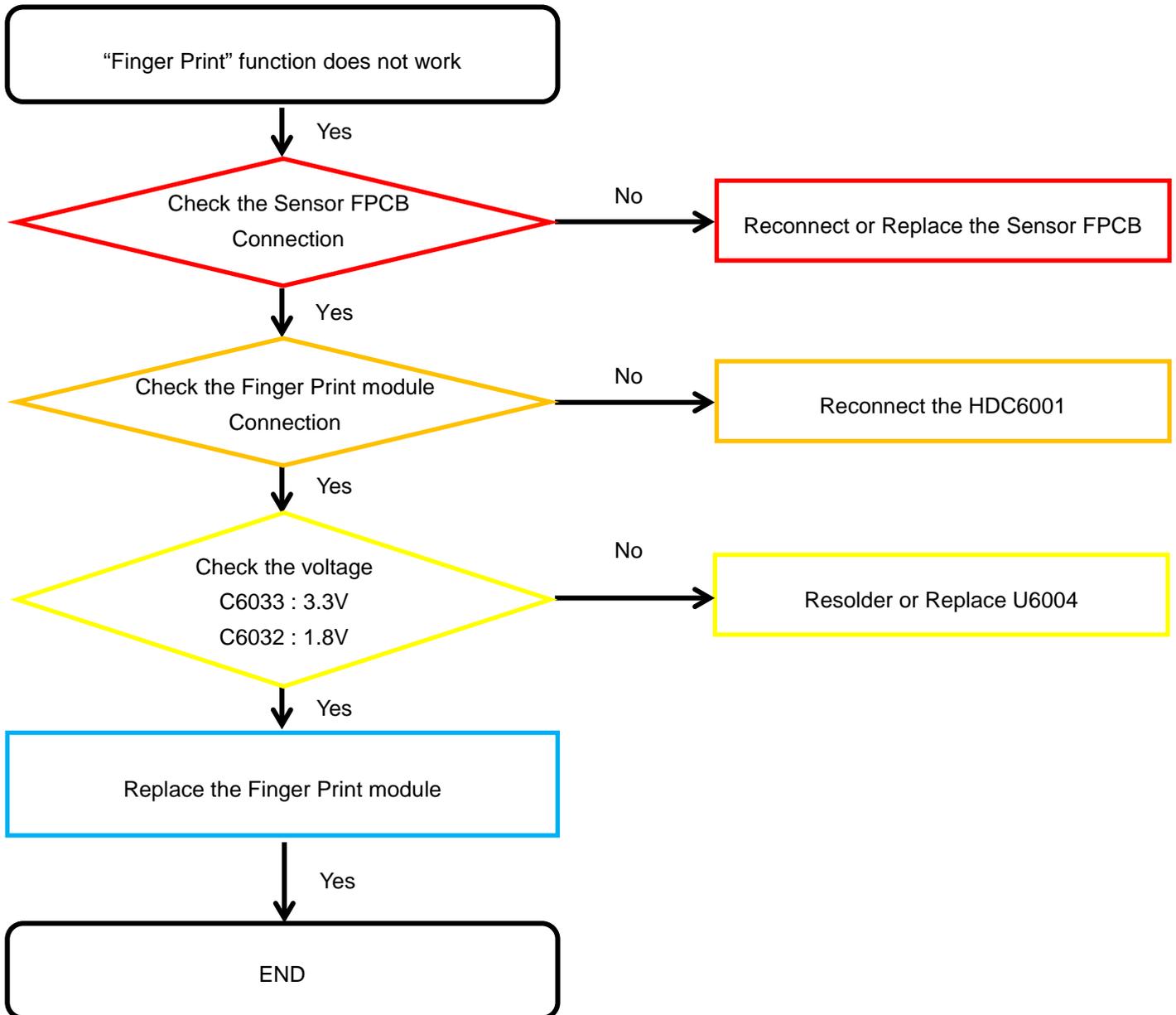


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## 8. Level 3 Repair

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### 8-4-17.Finger Print

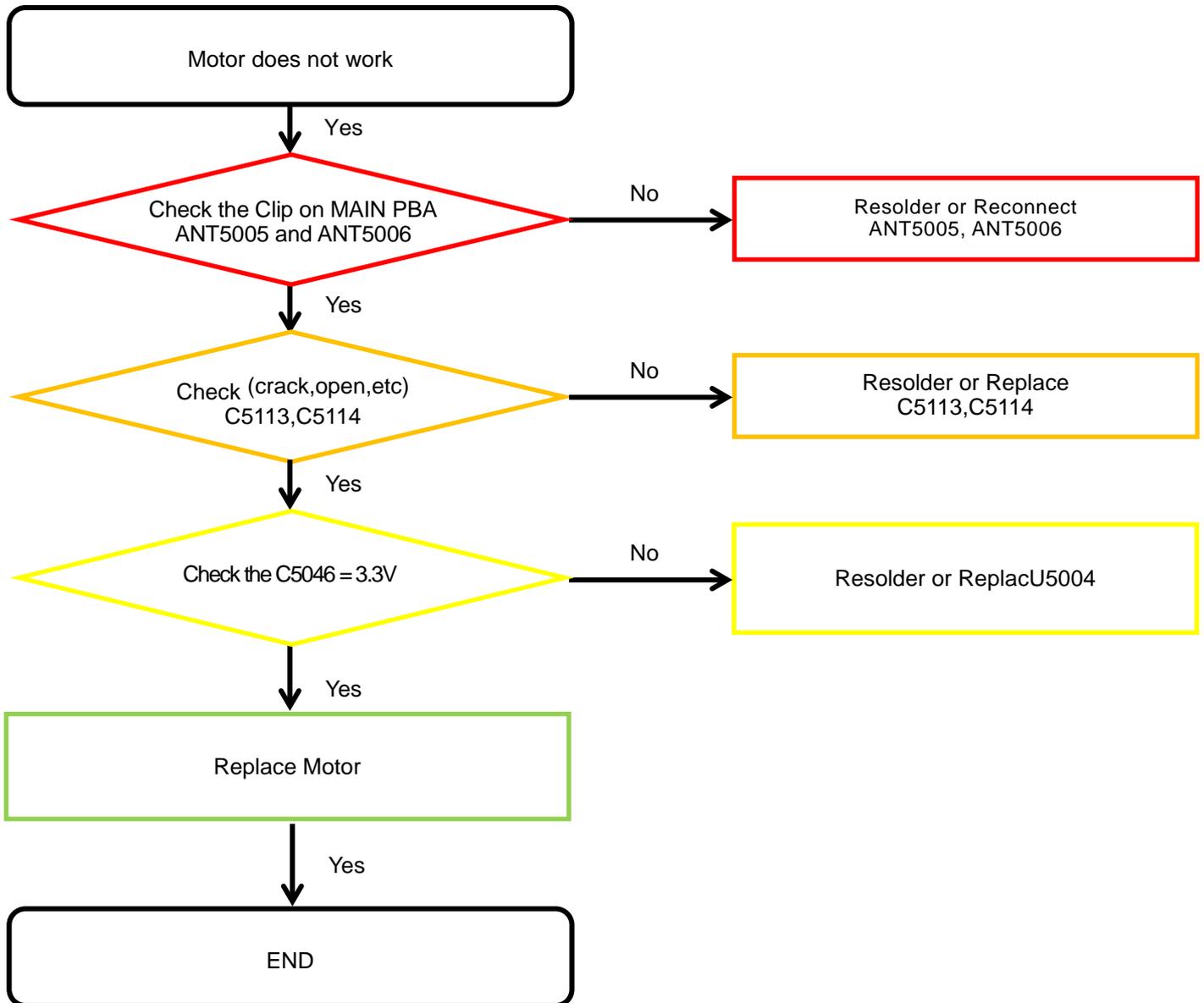


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## 8. Level 3 Repair

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### 8-4-18. Motor



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## 8. Level 3 Repair

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### 8-4-19. MST [SM-A320F,Y]

