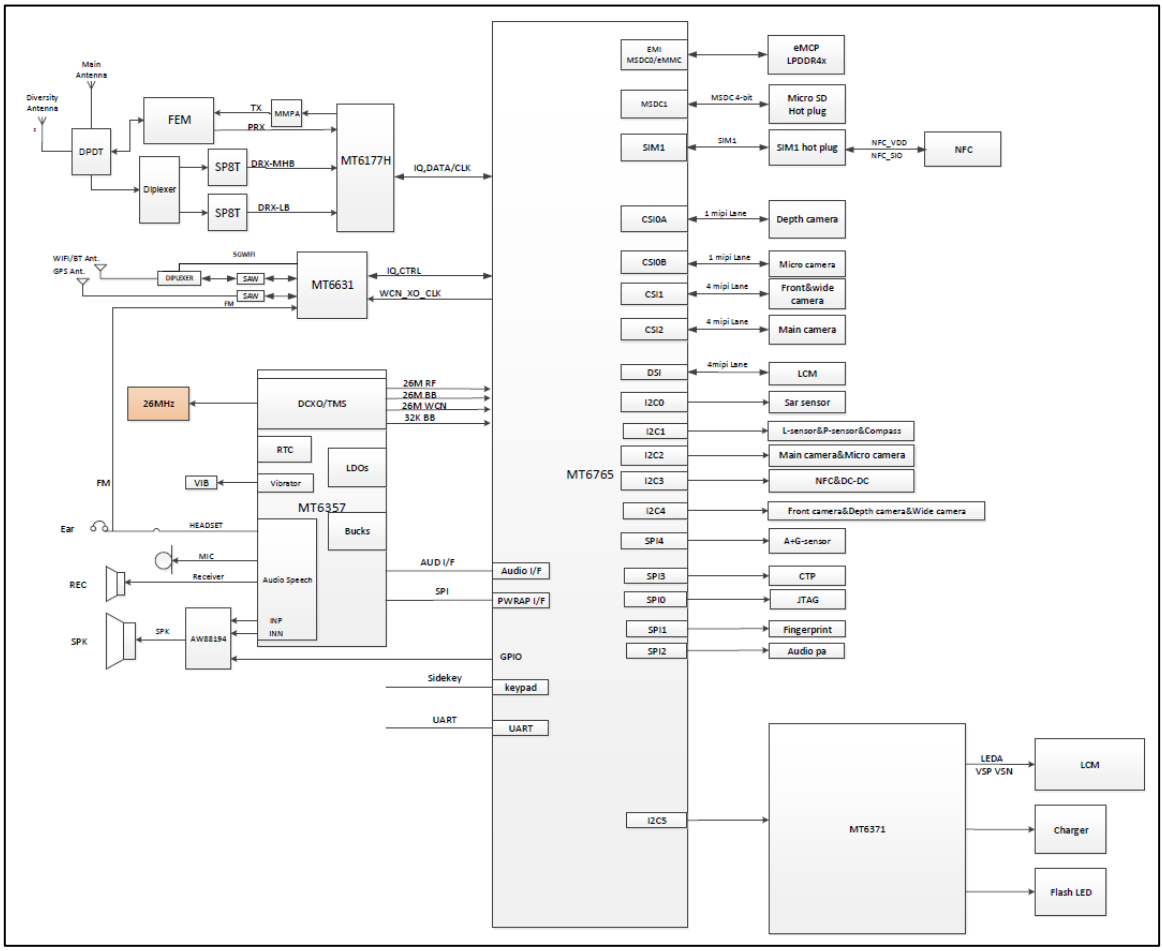
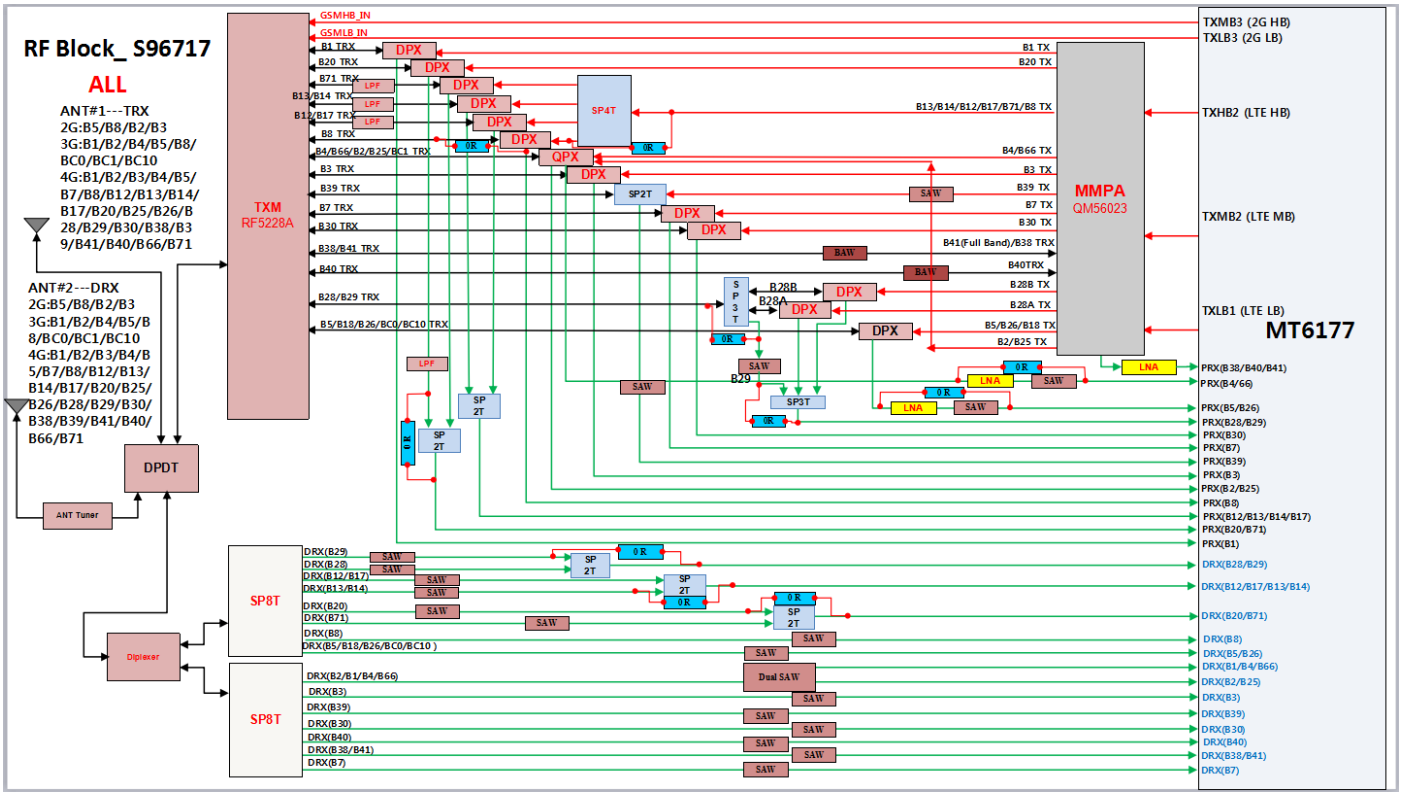
8. Level 3 Repair

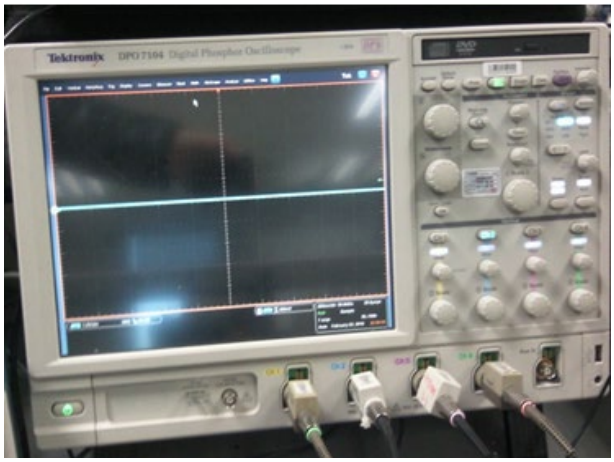
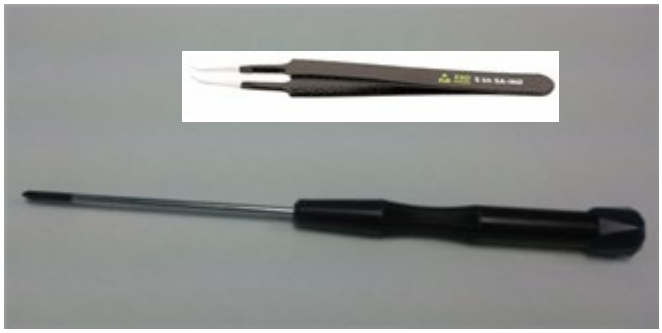
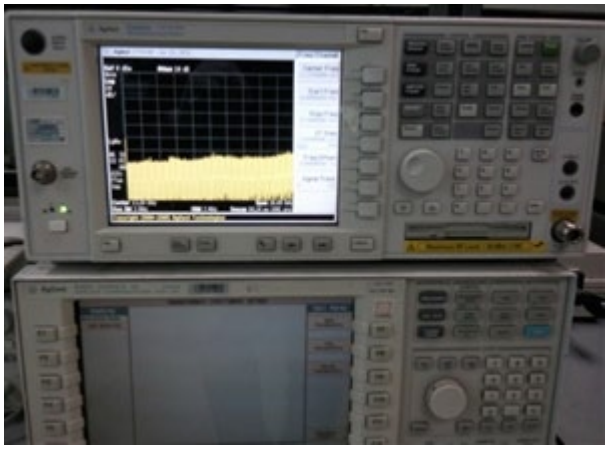


8. Level 3 Repair



8. Level 3 Repair

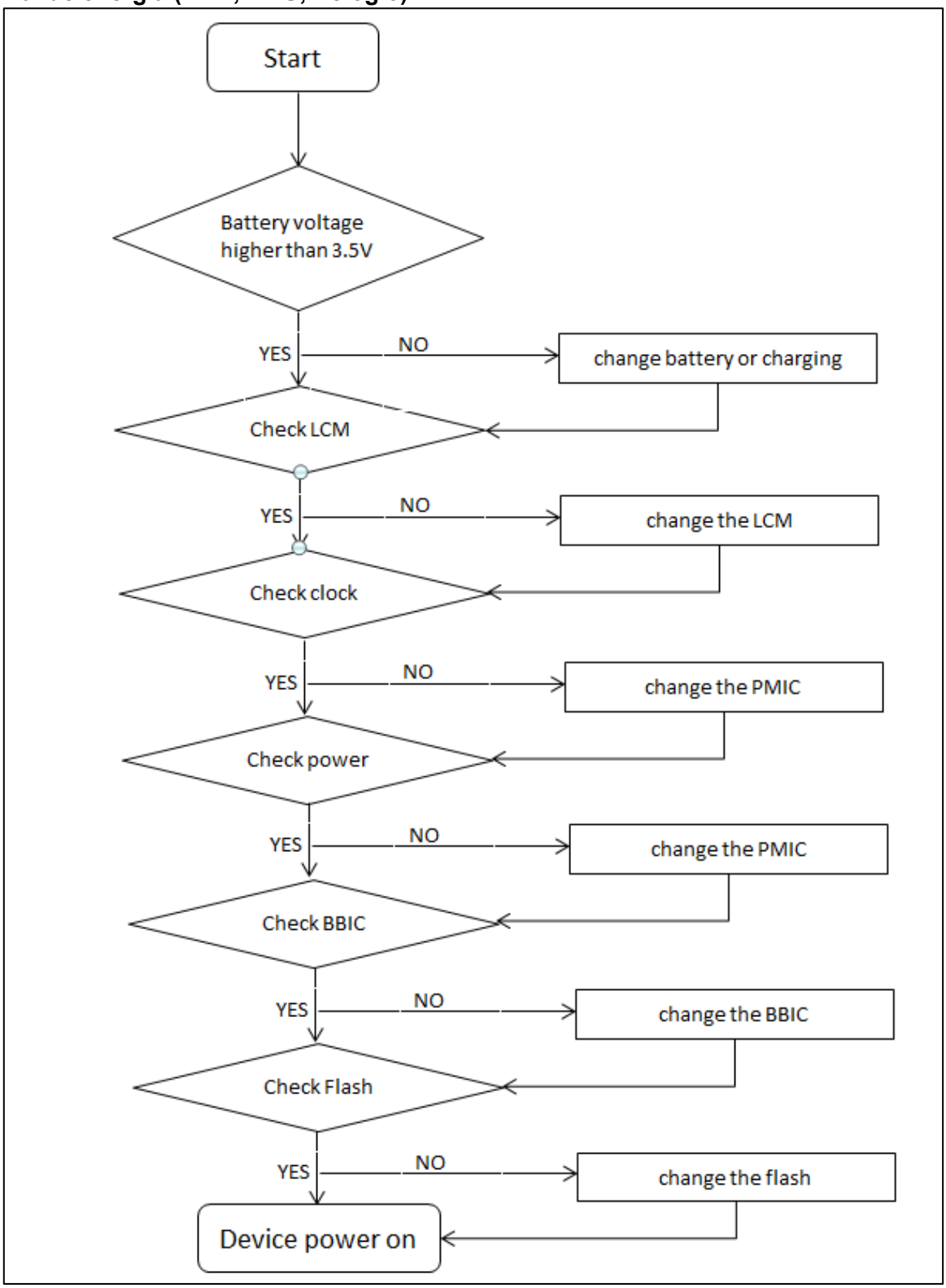
Fluxograma de solução de problemas.

	
Osciloscópio	**Multímetro digital**
	
Fonte de energia	**+ driver, pinça segura ESD**
	
8960 & Analisador de Espectro	**Ferro de solda**

8. Level 3 Repair

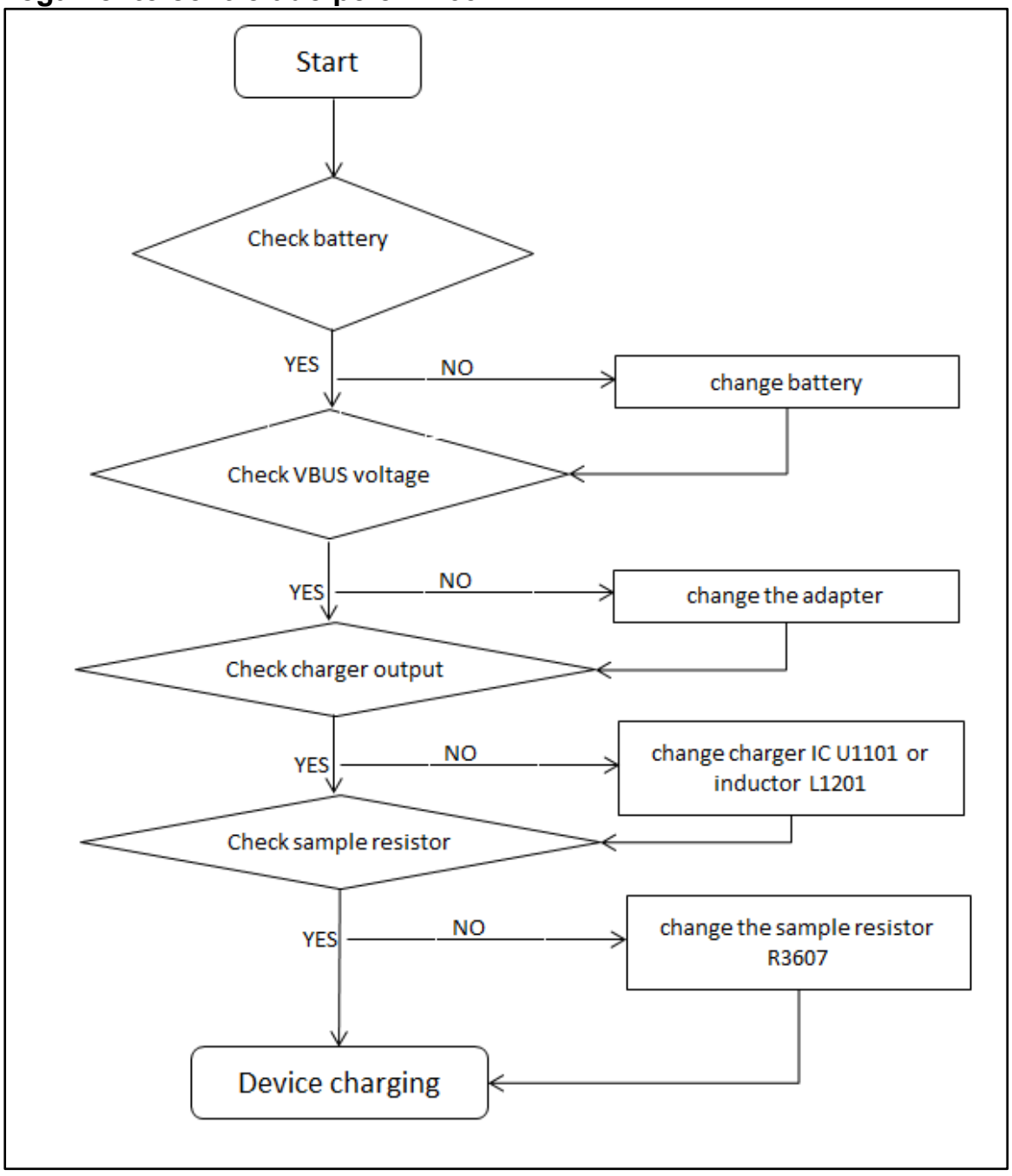
8-4-1. Power On

Verificando o sinal de energia (LCM, PMU, Relógio)



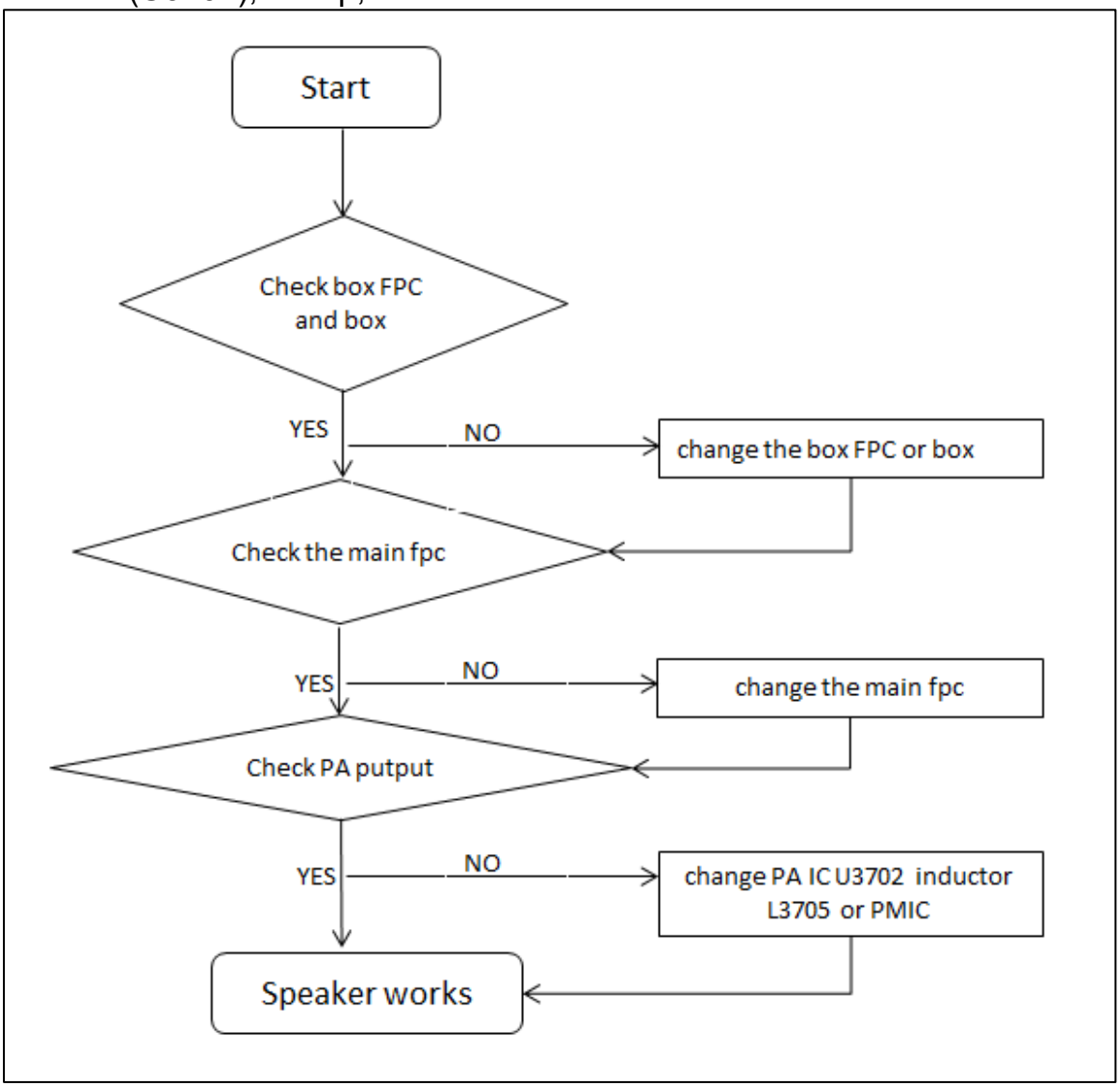
8-4-2. Charging

: O carregamento controlado pelo MT6371



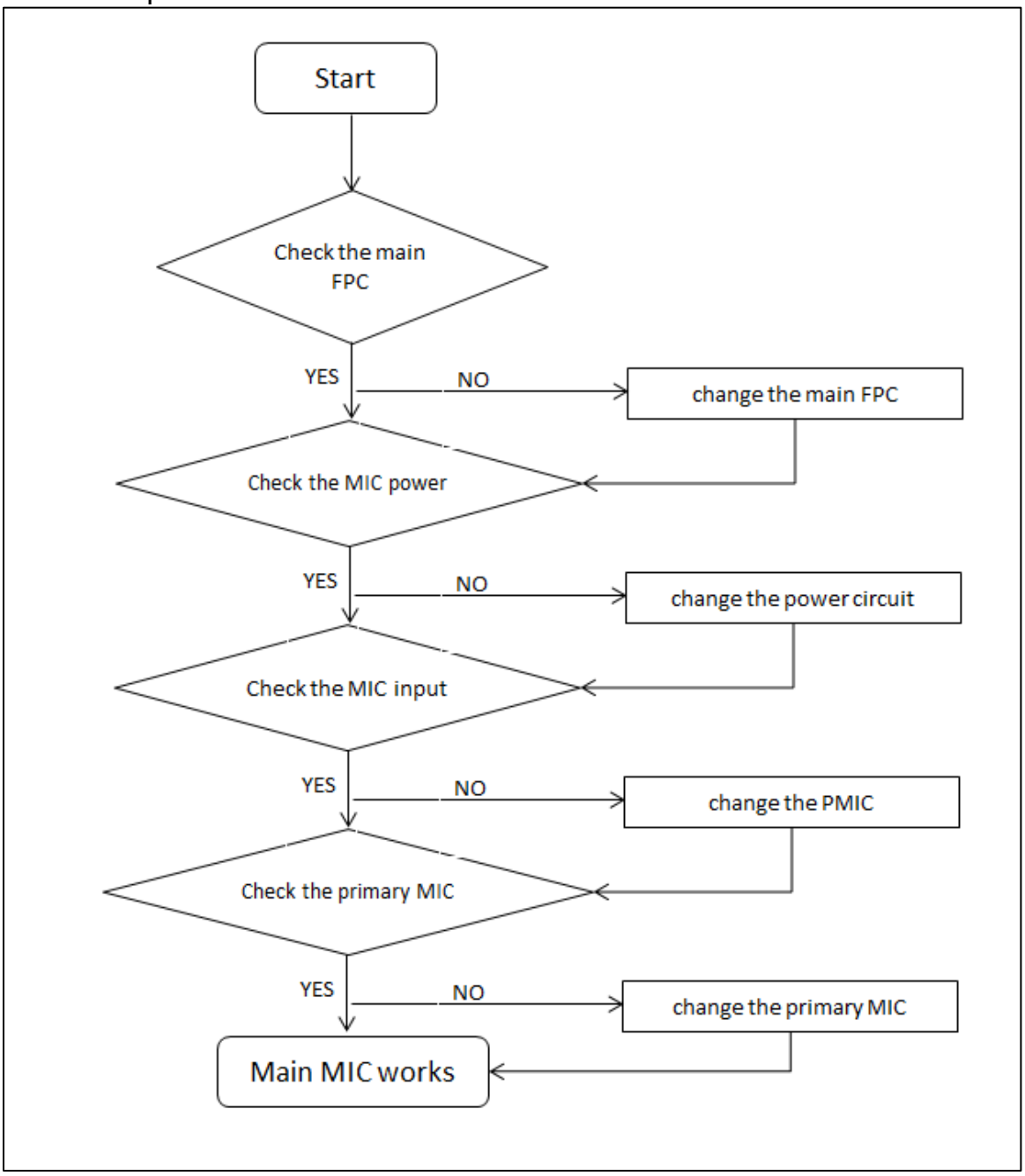
8-4-3. Audio speaker

Os sinais de controle do alto-falante são gerados por MT6357 (U701) e PA AW88194 (U3702), o chip, o PA e o alto-falante devem ser verificados.



8-4-4. Audio Main MIC

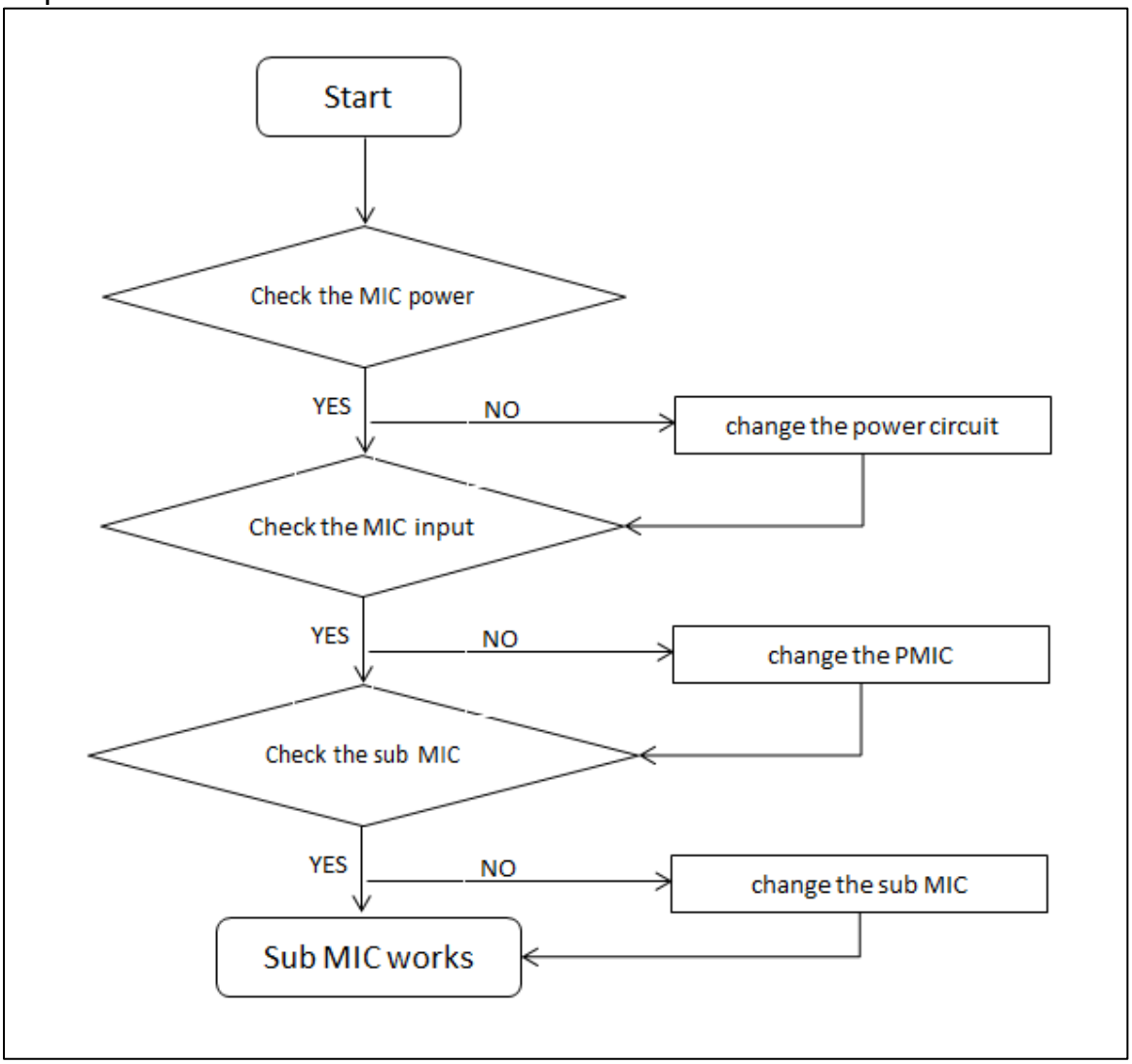
Os sinais de controle MIC são gerados pelo chip PMU MT6357 (U701), o PMU chip and the MIC are to be checked out.



8. Level 3 Repair

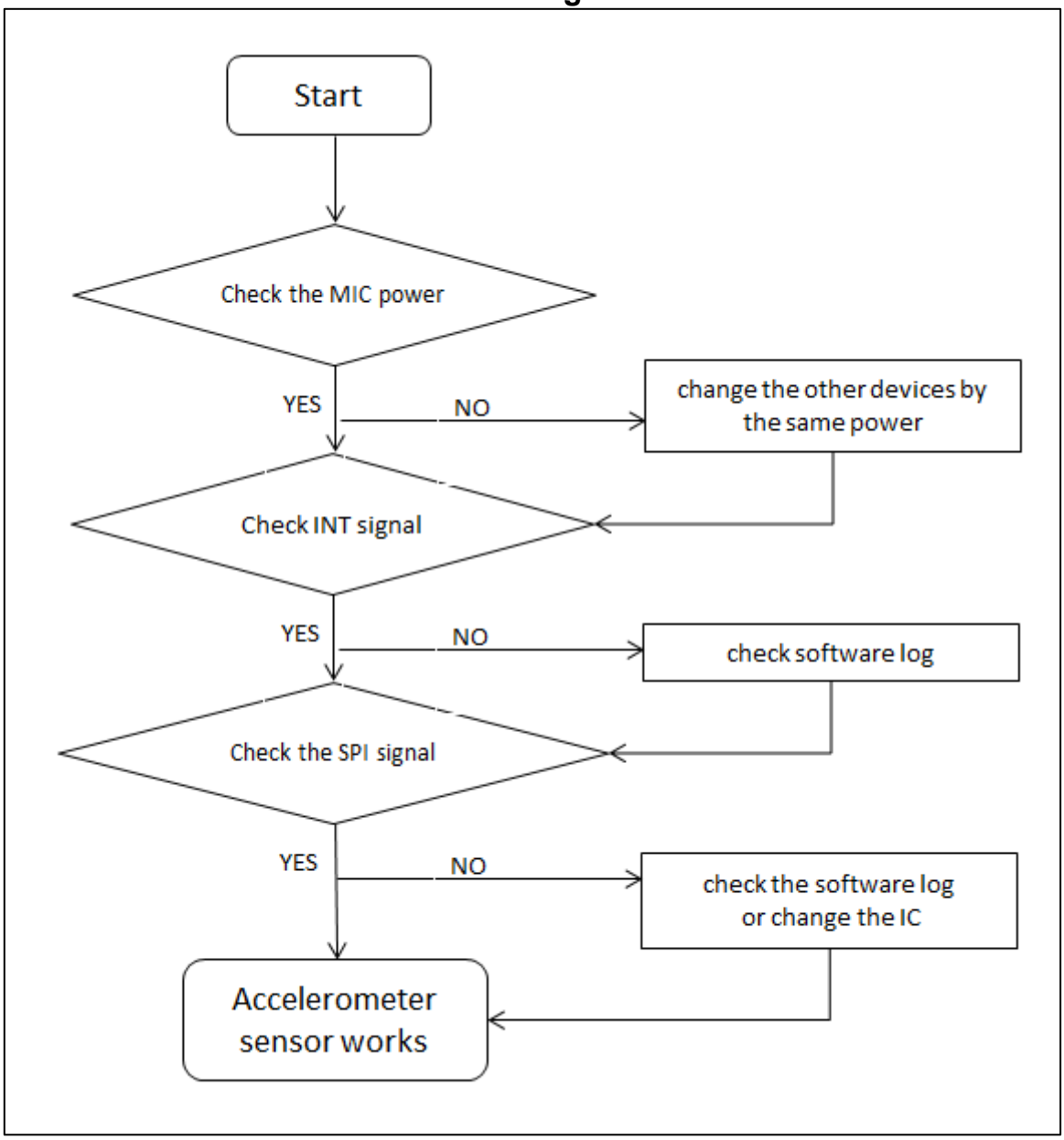
Sub MIC

: Os sinais de controle do MIC são gerados pelo chip PMU MT6357 (U701), o chip PMU e o MIC devem ser verificados.



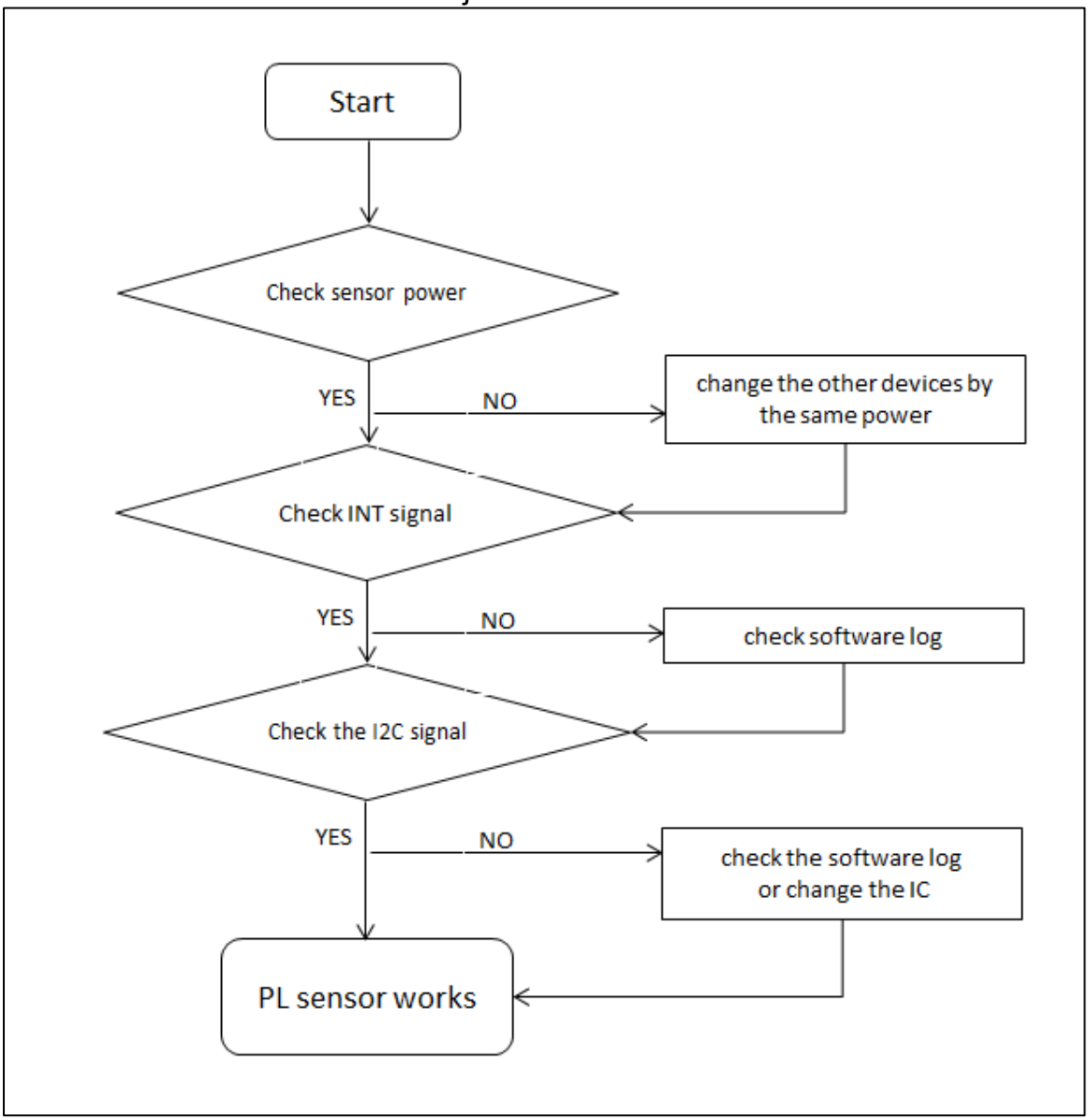
8-4-6. Accelerometer sensor

O sensor do acelerômetro é calibrado usando o algoritmo SW.



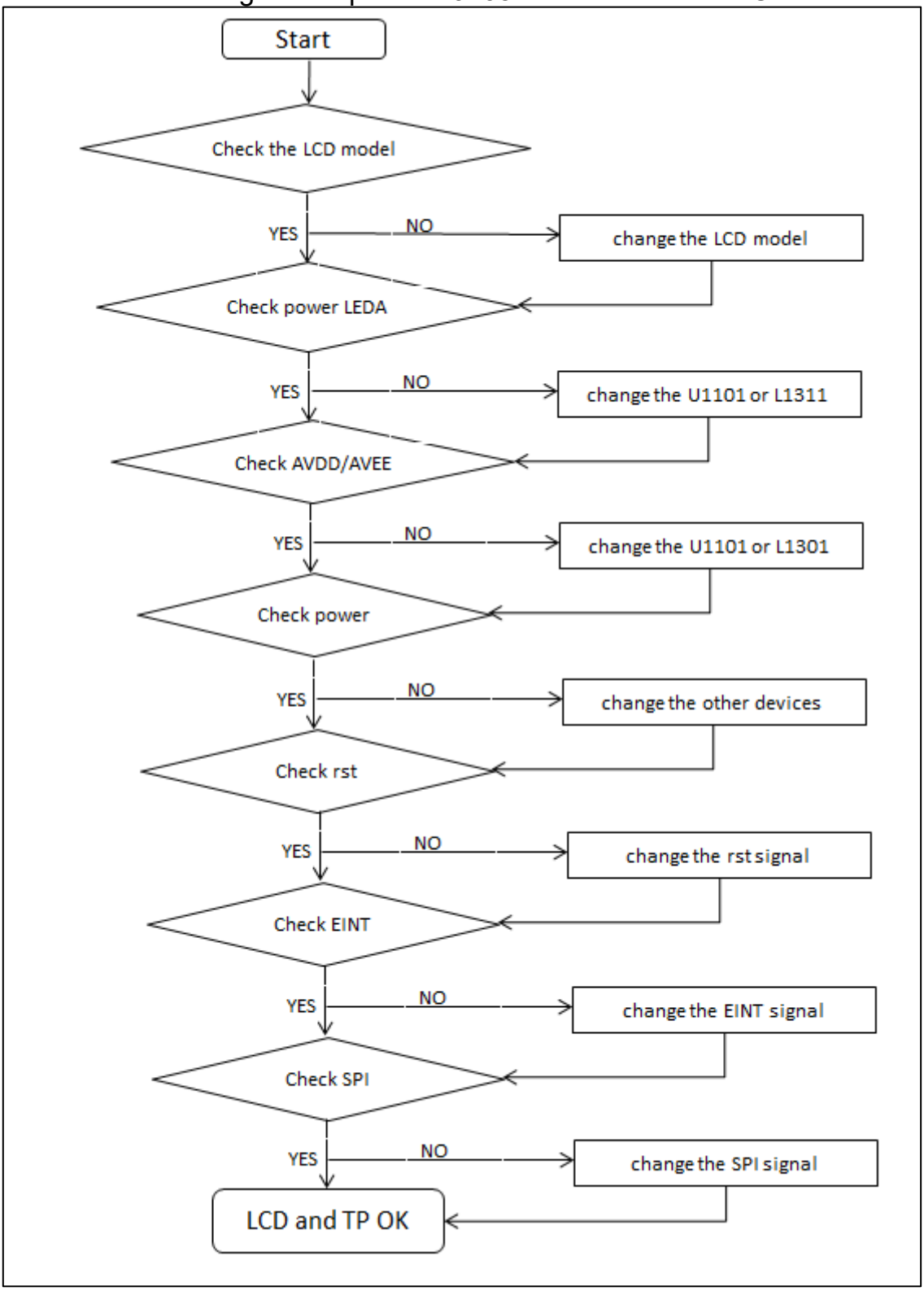
8-4-7. Proximity and light sensor

: Proximidade (U4417) e sensor de luz (U4416) funcionam como abaixo: Controle a operação de ligar/desligar da tela automaticamente ao fazer chamadas telefônicas e ajuste o brilho da tela de acordo com a luz ambiente.



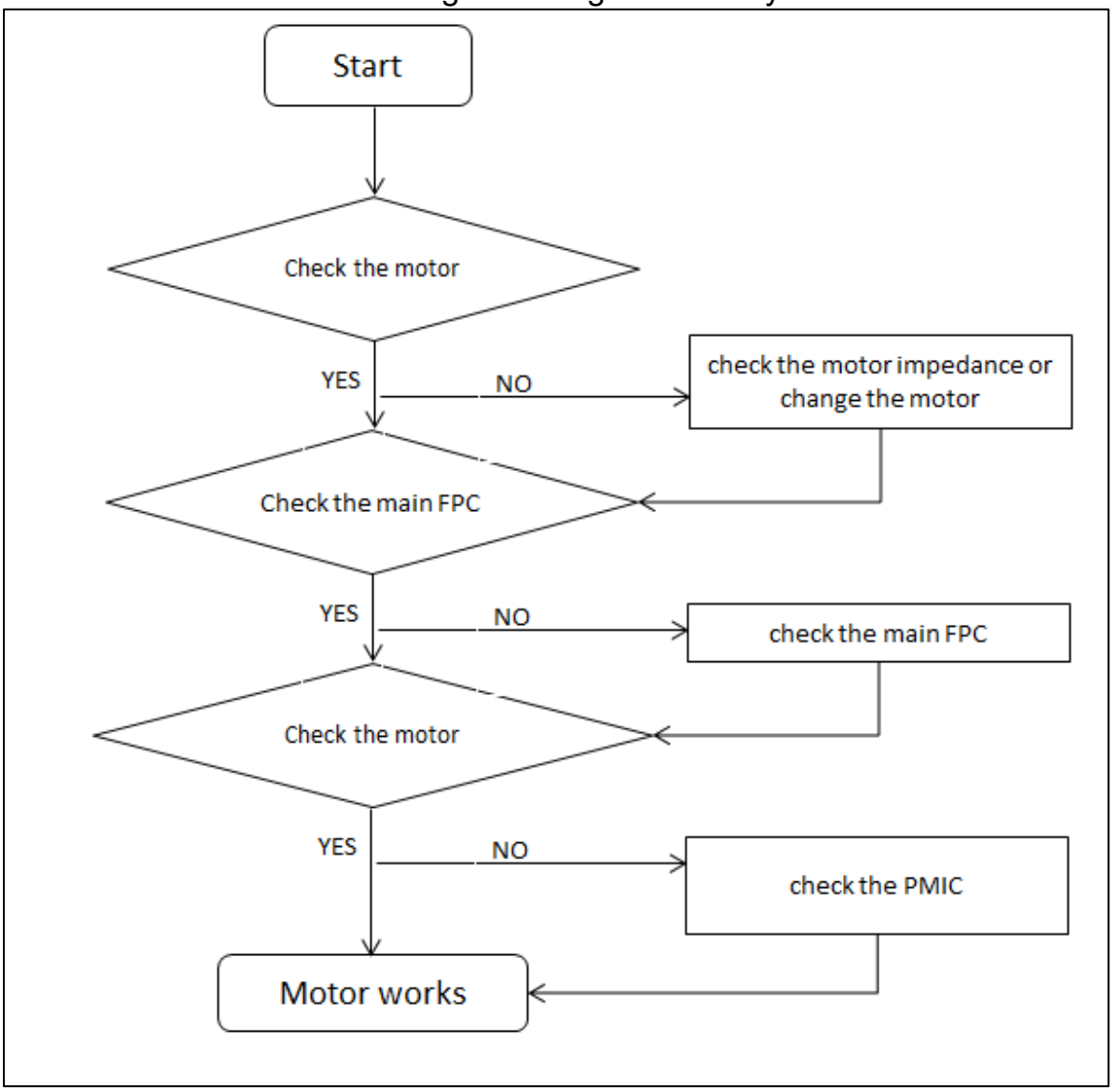
8-4-8. TOUCH SCREEN AND DISPLAY

: Os sinais de controle Touch são gerados pelo MT6765. É montado com LCD.



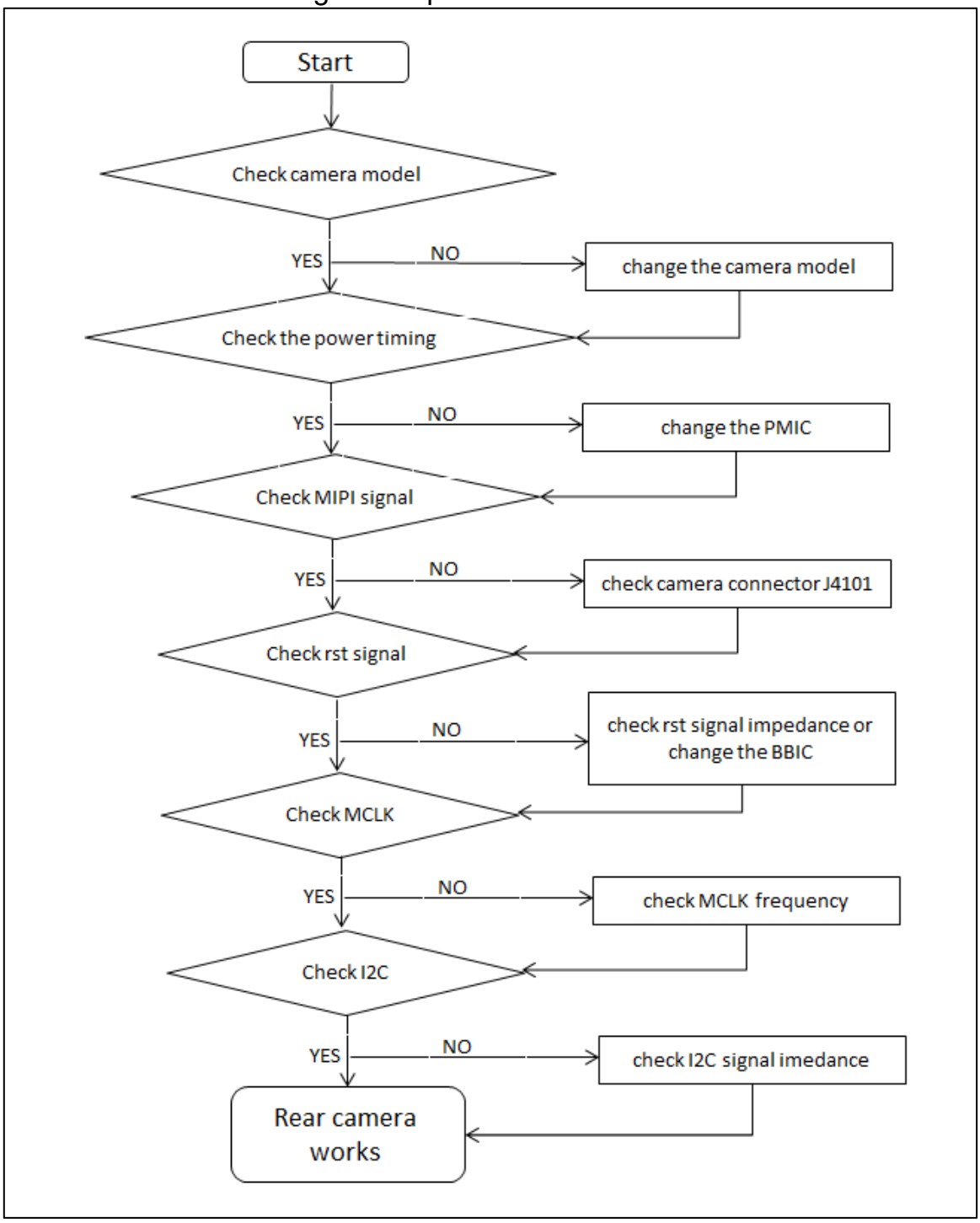
8-4-9. Vibrator

: The Vibrator control signals are generated by MT6357.



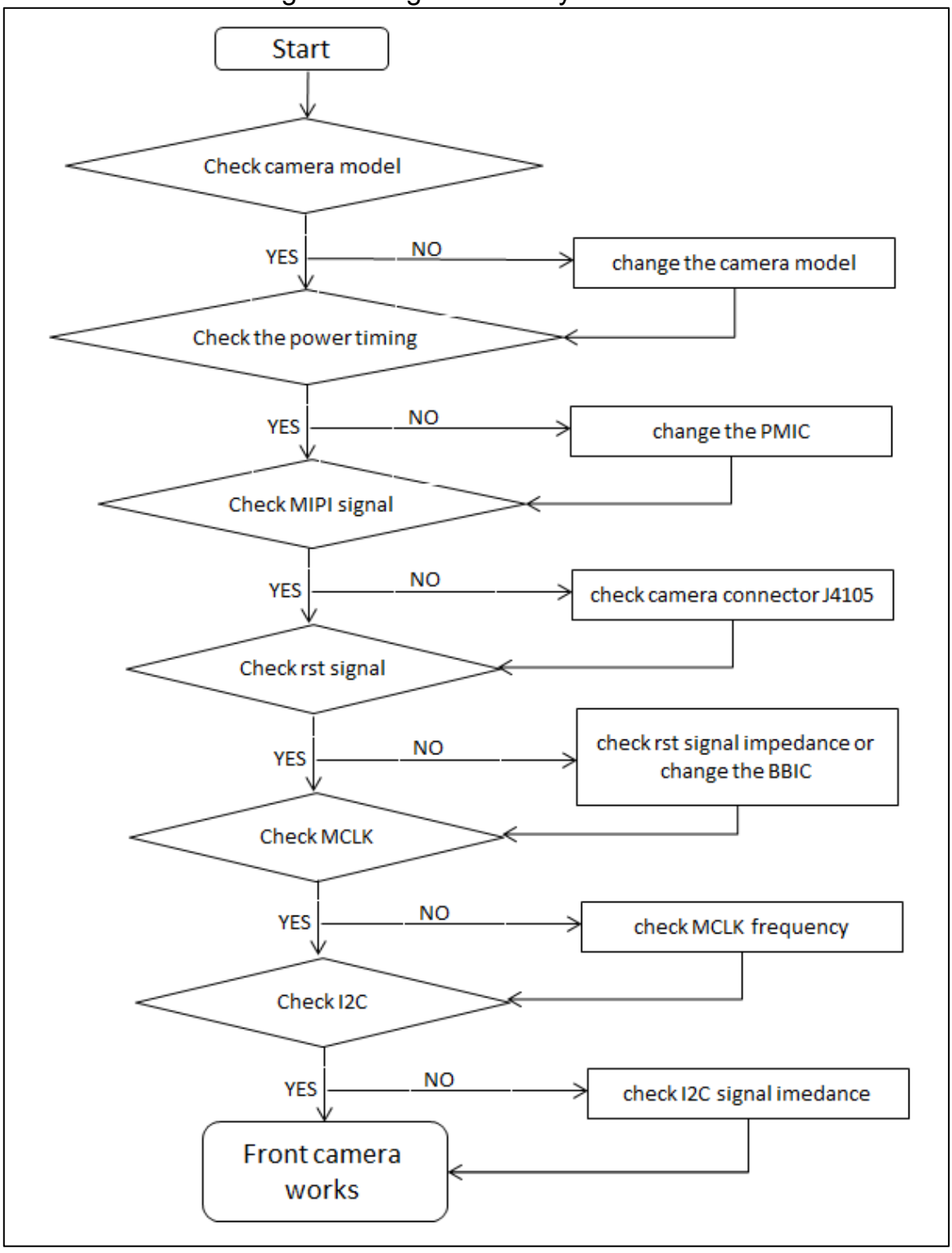
8-4-10. Rear Camera

: Os sinais de controle da câmera são gerados pelo MT6762.



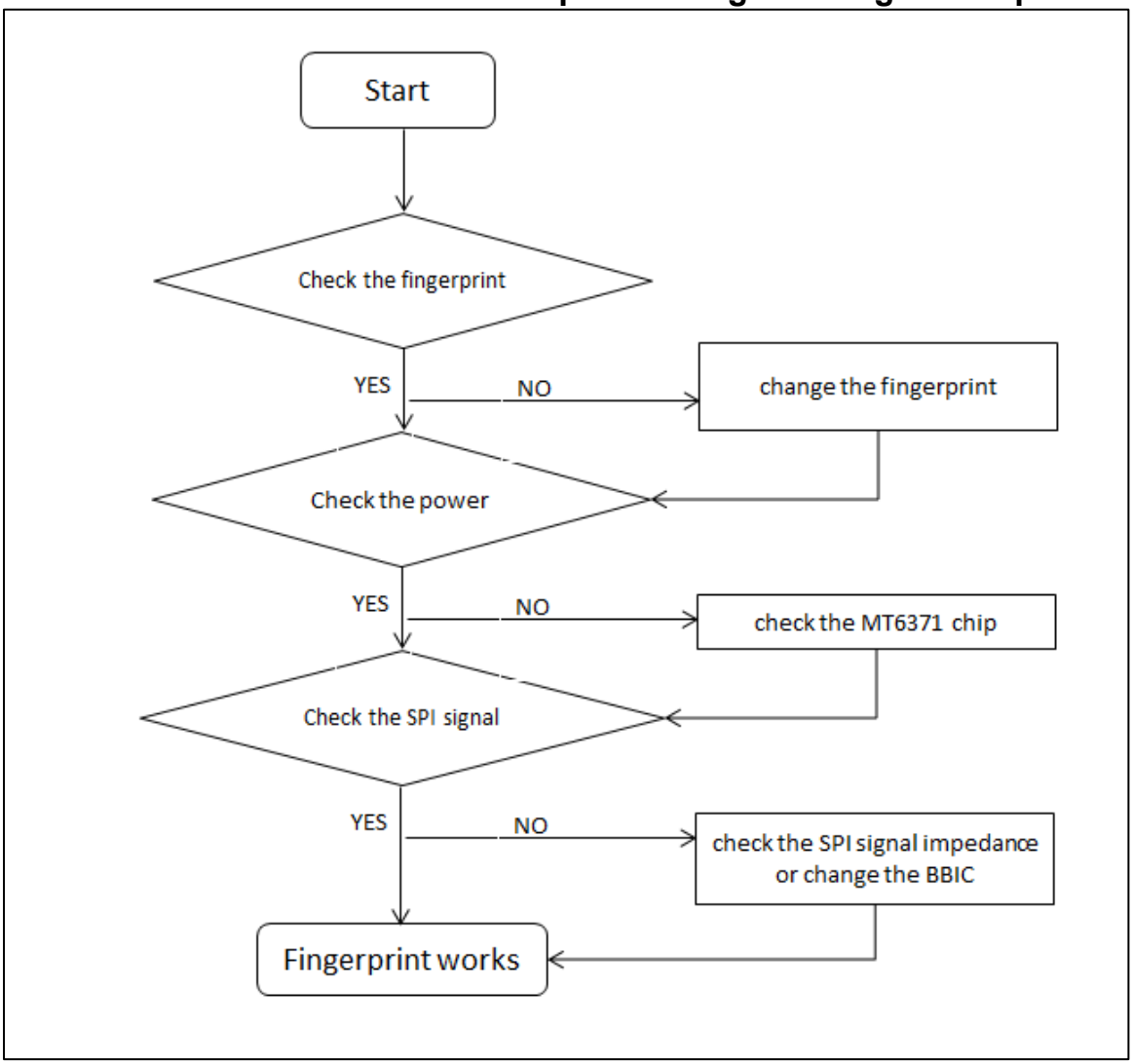
8-4-11. Front Camera

The Camera control signals are generated by MT6765.



8-4-12. Fingerprint

Os sinais de controle de impressão digital são gerados pelo MT6765.



8. Level 3 Repair

8-5. Service Schematics

- U101_MT6765_BB chip IC , Digital *Baseband Processor*(Top)

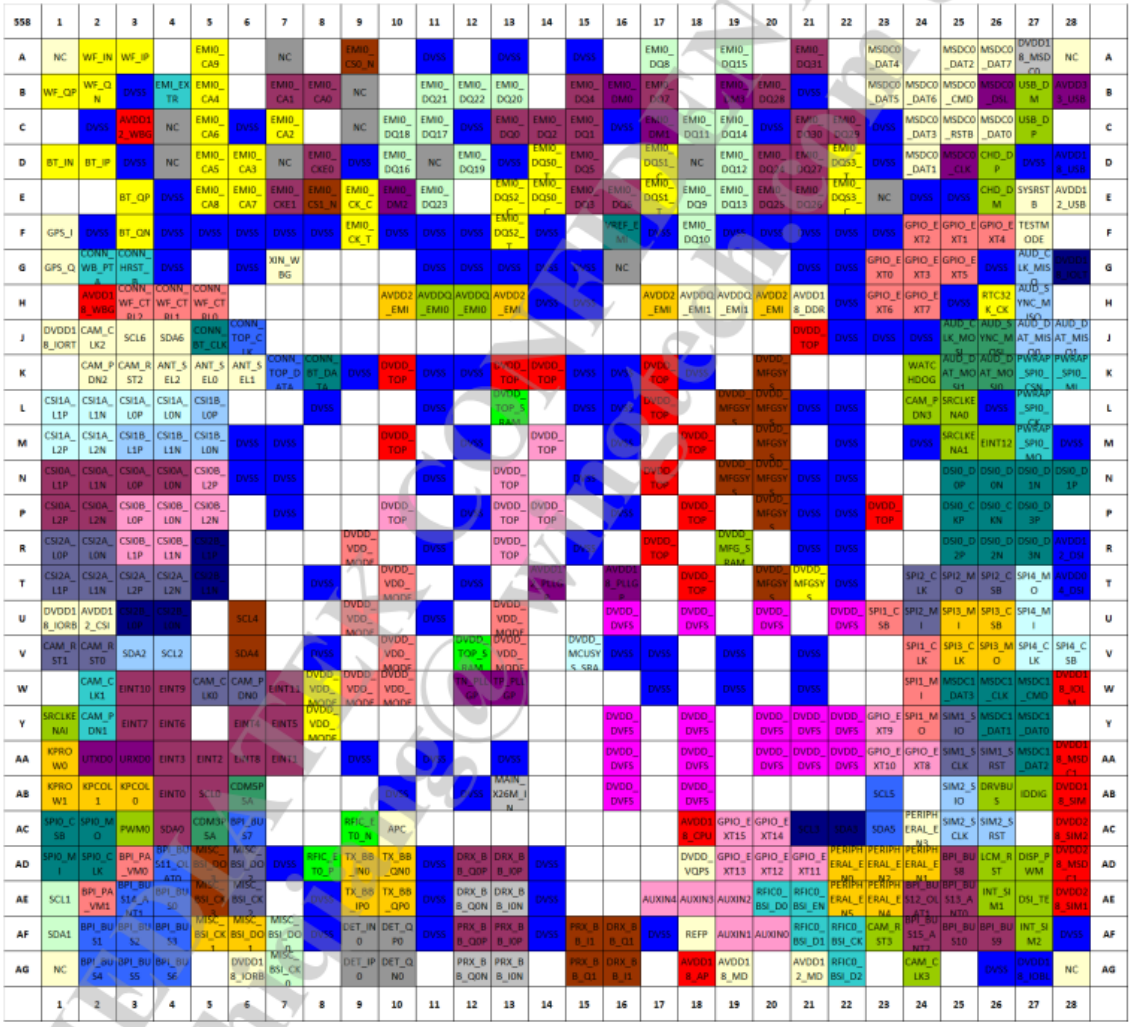


Figure 2-1. Ball map view