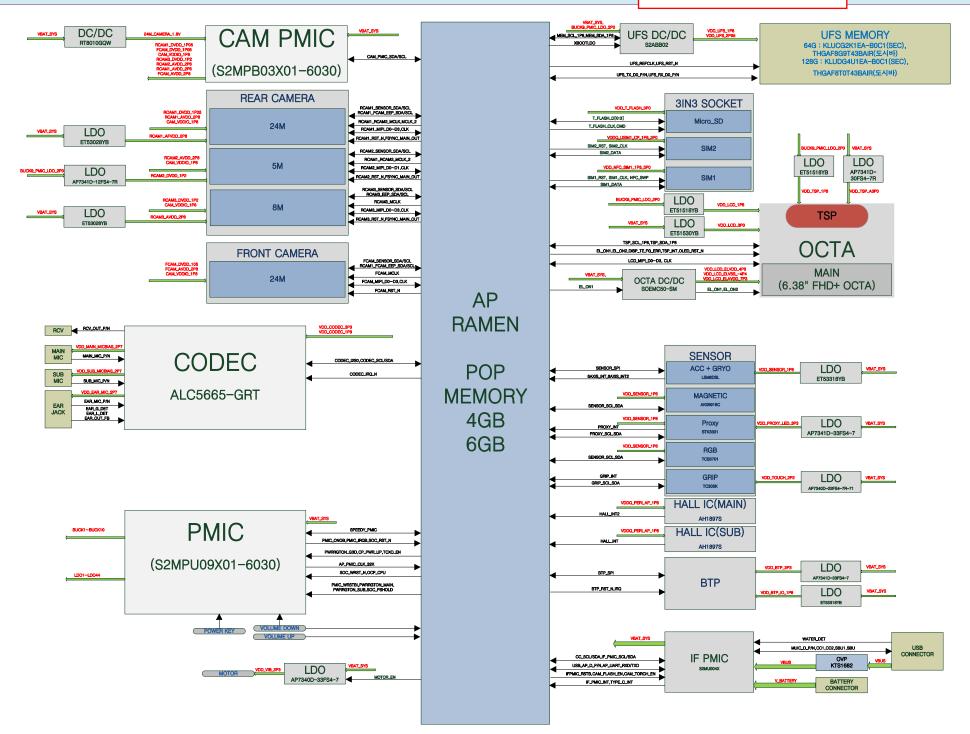
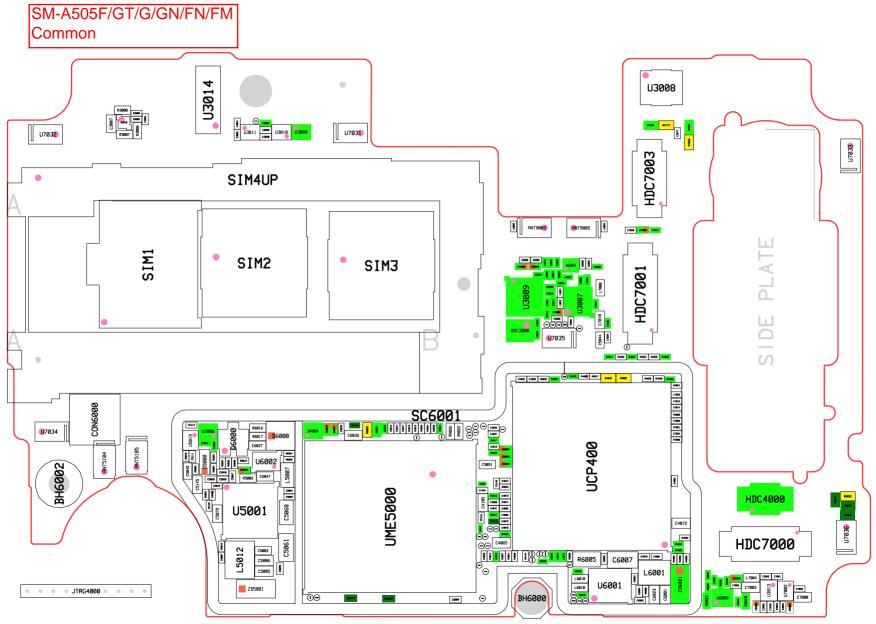
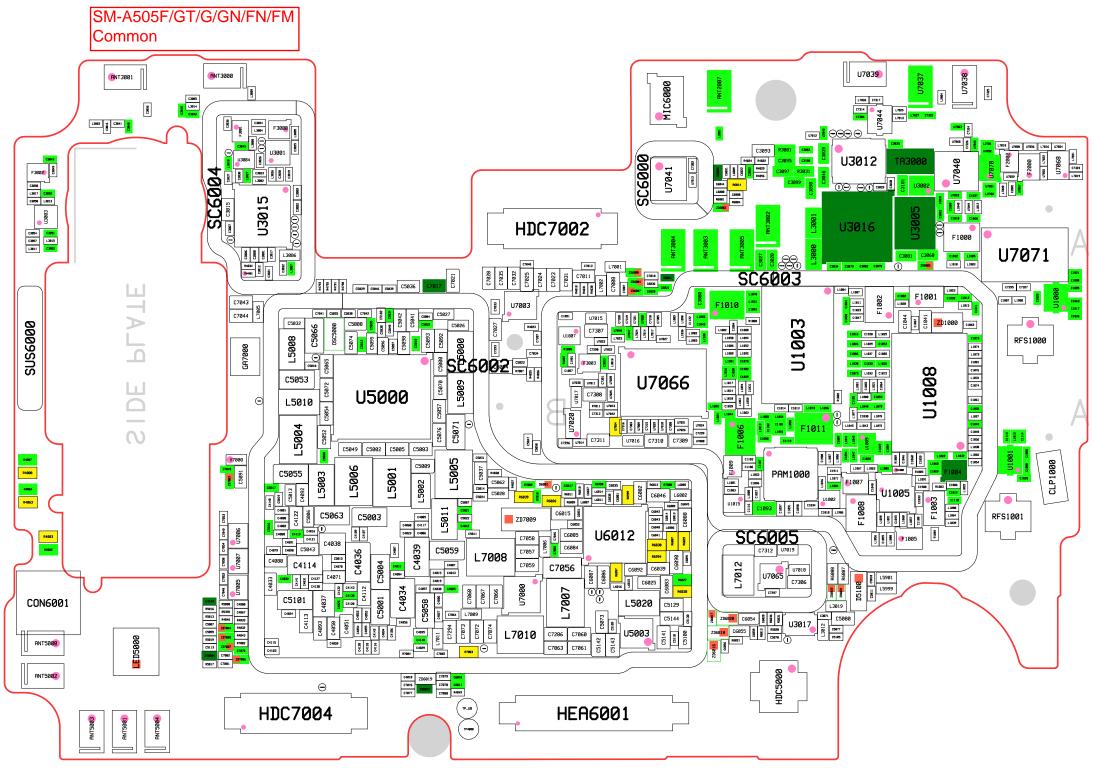
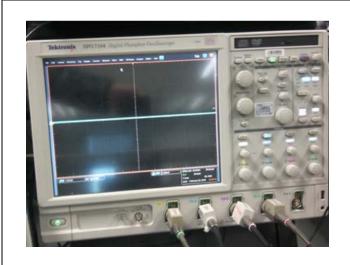
A50 BB Block Diagram SM-A505F/GT/G/GN/FN/FM Common







8-3. Flow chart of Troubleshooting.





Oscilloscope

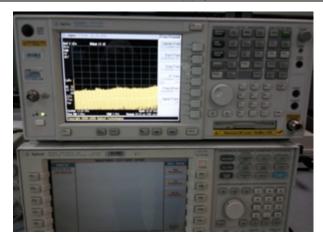
Digital Multimeter





Power Supply

+ driver, ESD Safe Tweezer



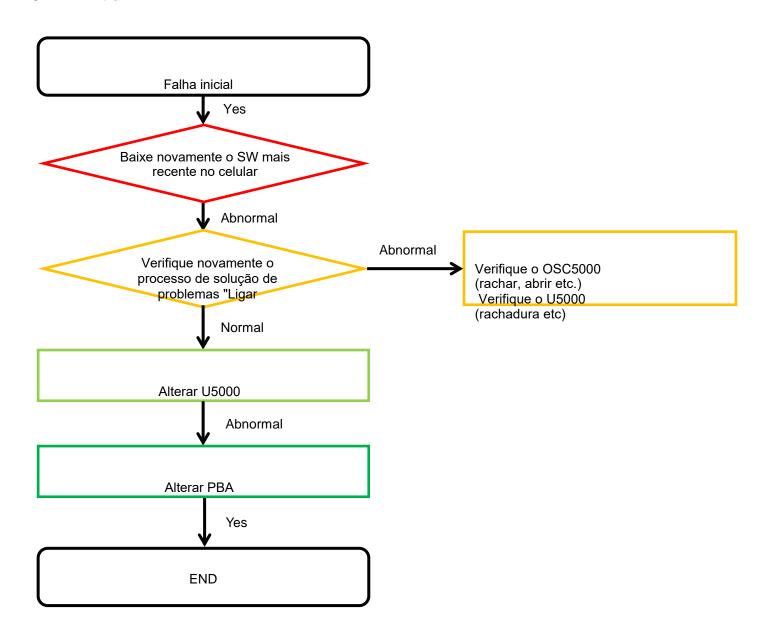


8960 & Spectrum Analyzer

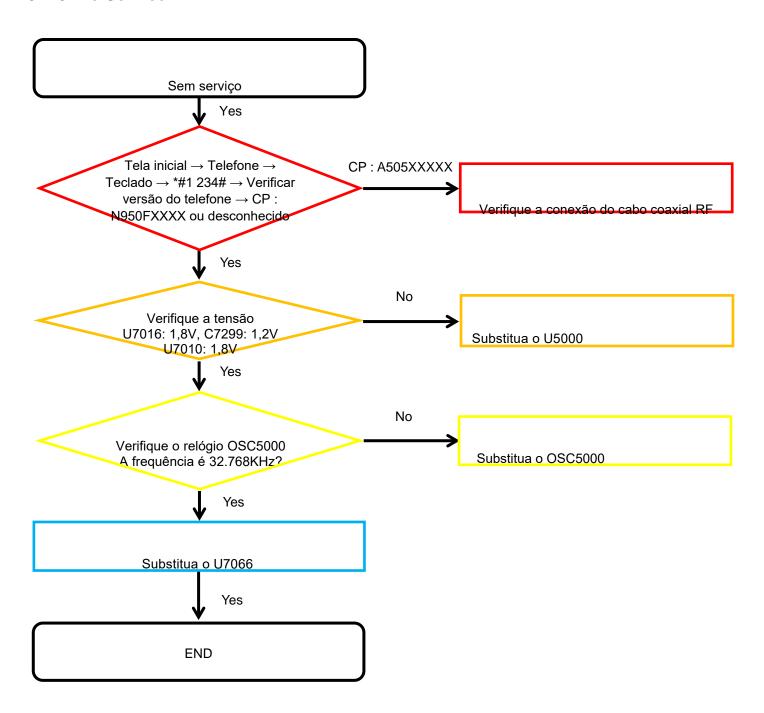
Soldering iron

8-4-1. Power On celular não liga. Yes Carregar a bateria por TA. Verifique a Voltagem da No Se o nível de tensão for Bateria. É mais do que 3.8V? extremamente baixo (abaixo de 3,0 V), Troque a bateria. Yes Yes Ligue o telefone e verifique o som ao ligar ou vibração do motor. Troque o CONJUNTO DE LCD Som ou vibração está ok? **FRONTAL** No Verifique o nível de tensão No em R5017 enquanto Substitua a chave de alimentação FPCB pressiona a tecla liga/ desliga. A voltagem está Verifique a tensão de saída de U5000 L5000 > 0.75V, L5001 > 0.75V, L5002 > 0.75 VL5003 > 0.75V, L5004 > 0.75V, L5005 No > 0,75V, L5006 > 0,75 V, L5008 > 1,1 V, L5009 Verifique o sinal de TRST_N = 1,8V > 1,3 V, L5010 > 2,0 V, L5011 > 0,75 V e outra tensão LDO Se a tensão de saída não for normal, Yes Troque o U5000 No Verifique o relógio OSC5000 Substitua o OSC5000 A frequência é 32.768kHz? Condição de teste (configuração do) osciloscópio): 20.0us.div (divisão de Yes tempo) Verifique a operação inicial Yes **END**

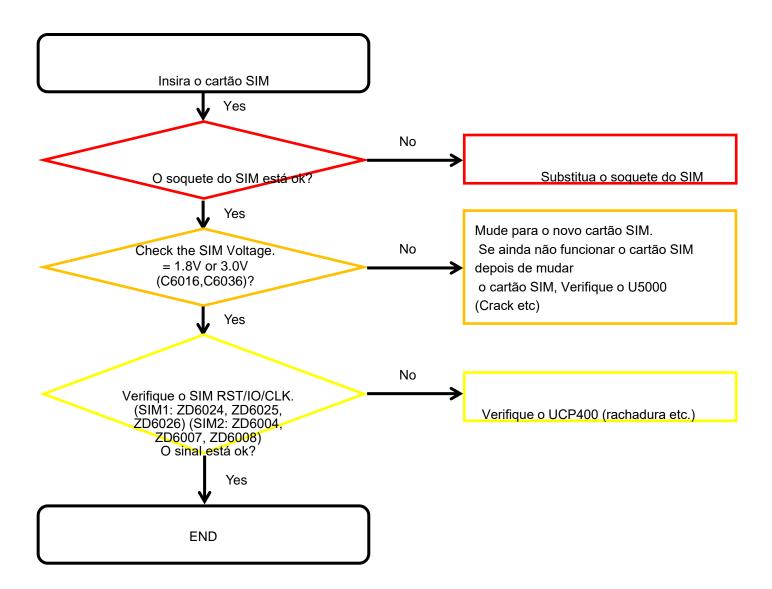
8-4-2. Initial



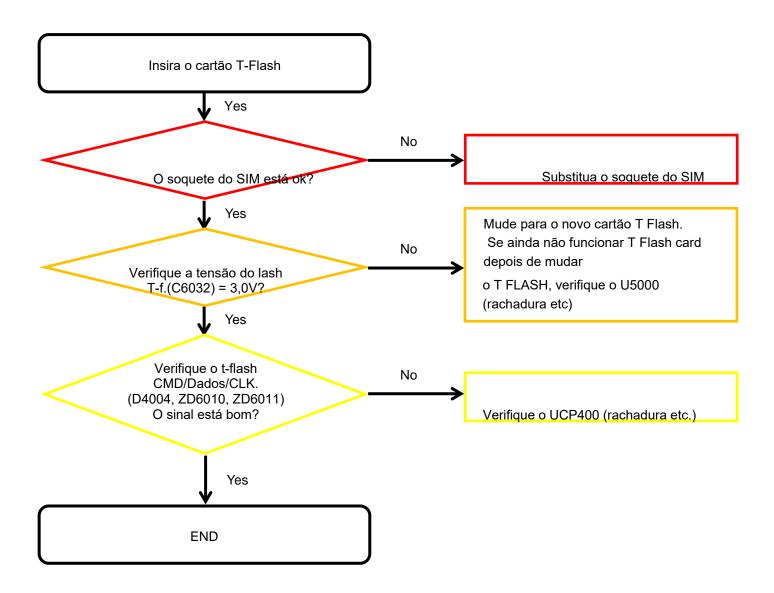
8-4-3. No Service



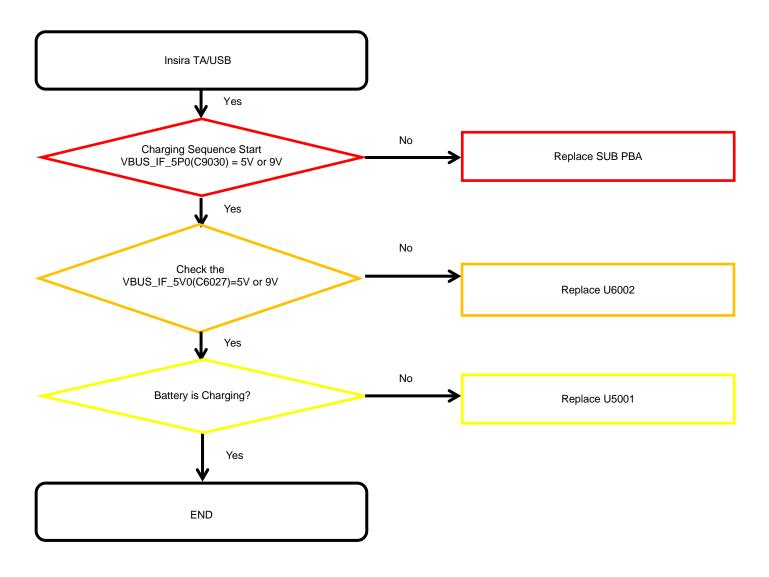
8-4-4. SIM Part



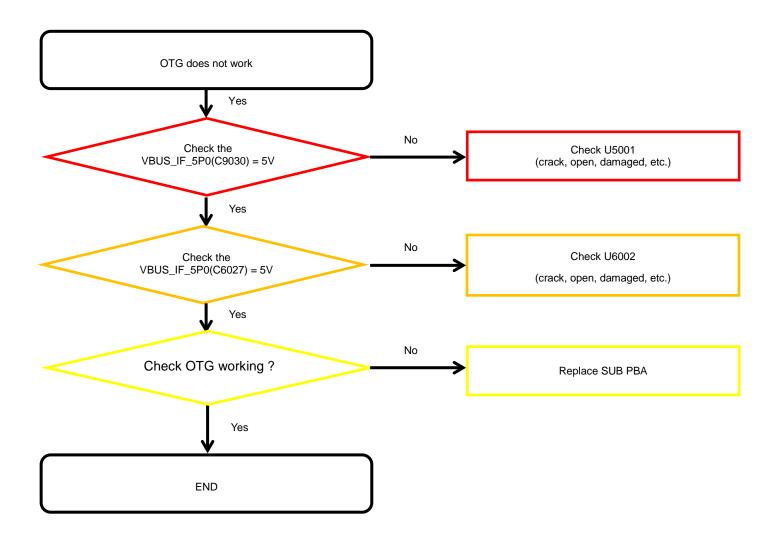
8-4-5. T-Flash Part



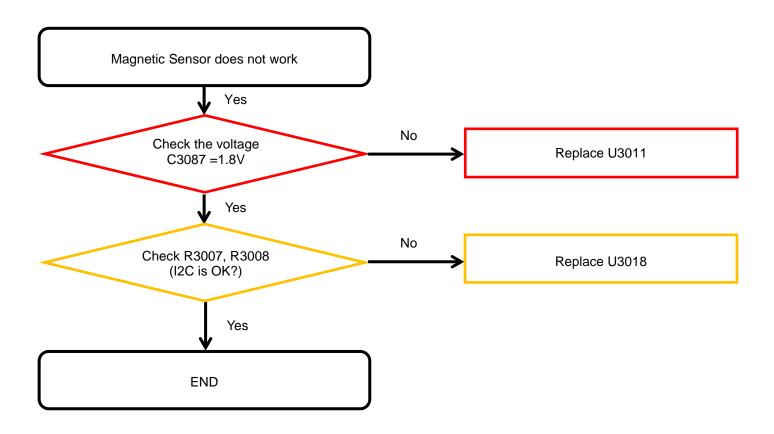
Parte de carregamento do cabo



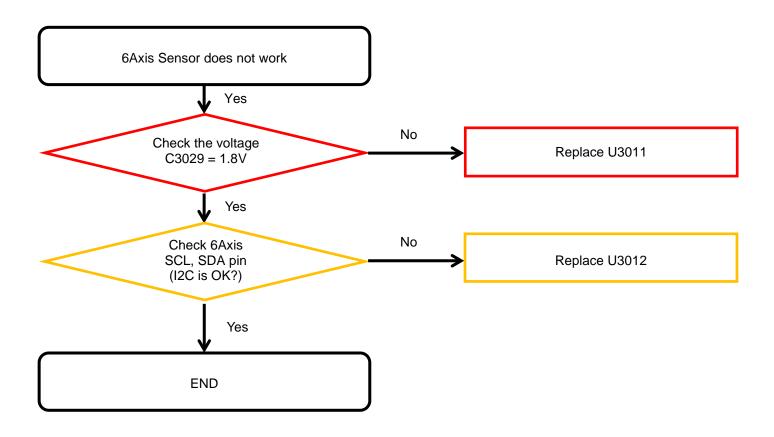
8-4-7. OTG



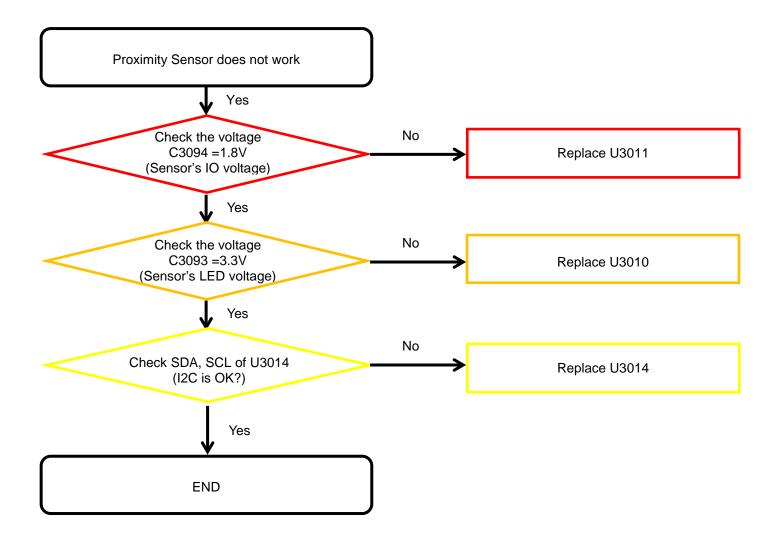
8-4-8-1. Magnetic Sensor



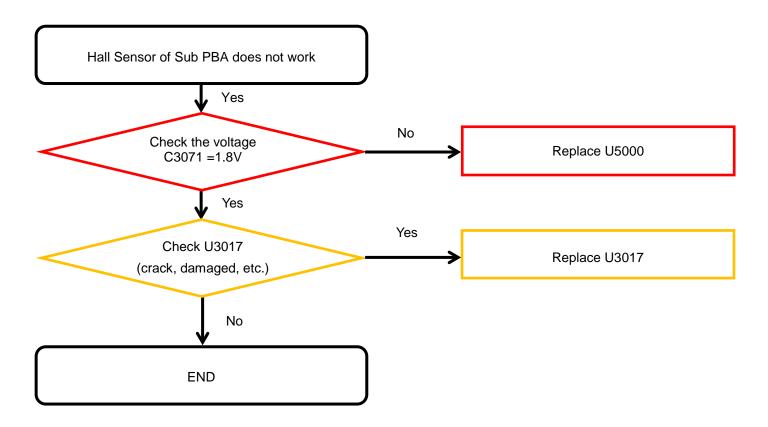
8-4-8-2. 6Axis Sensor



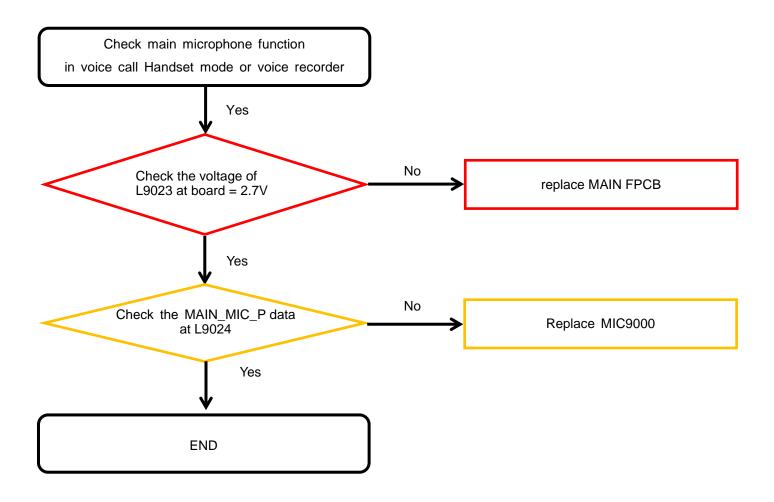
8-4-8-3. Proximity



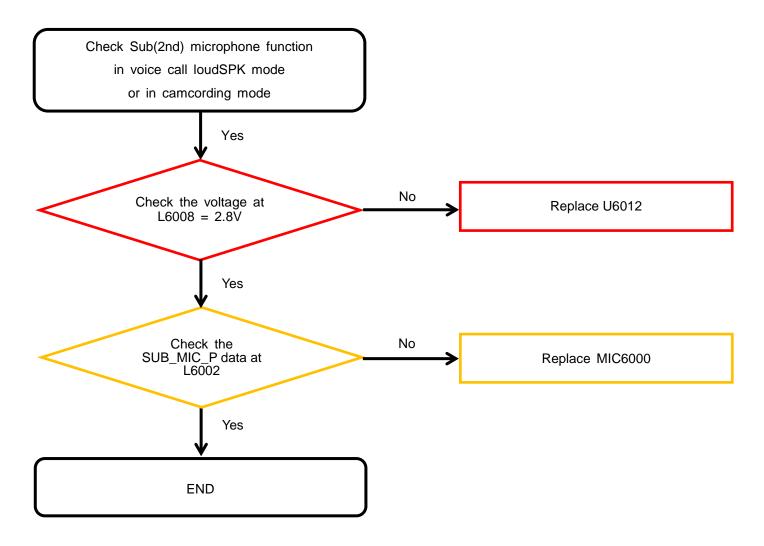
8-4-8-4. Hall Sensor



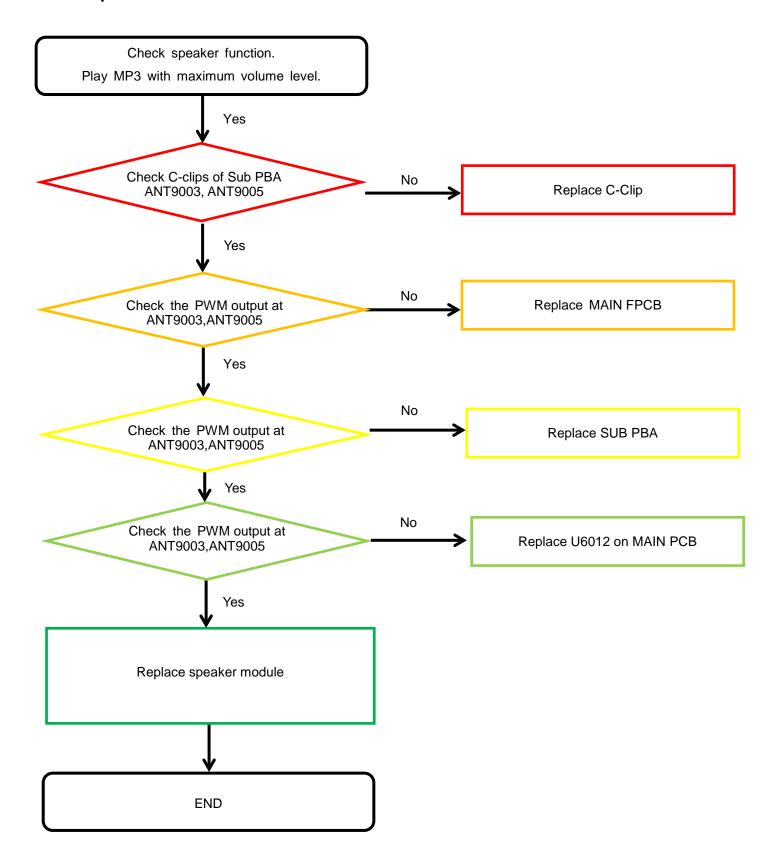
8-4-9-1. Microphone Part - Main MIC



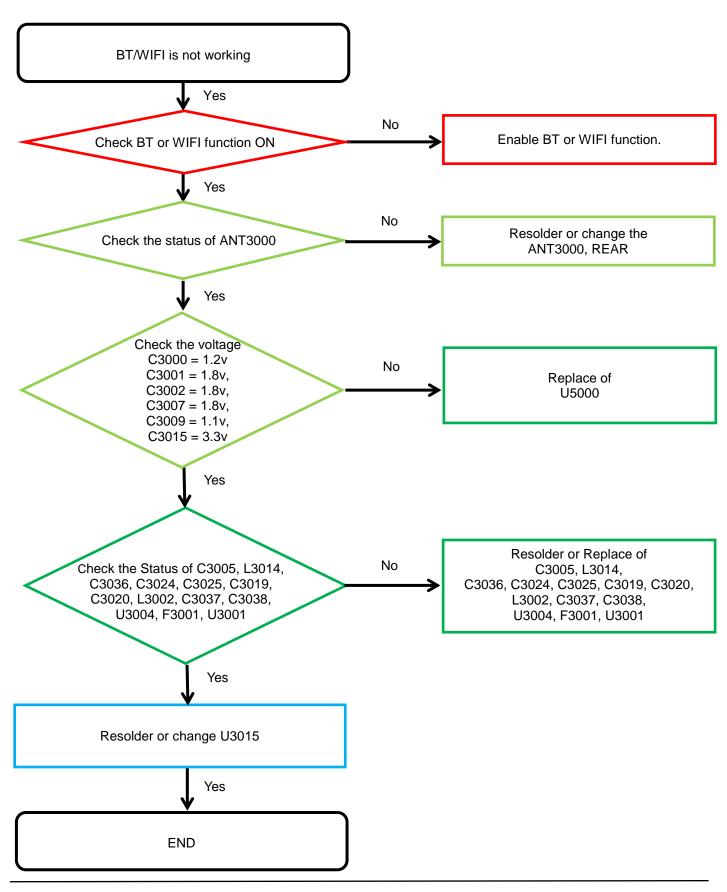
8-4-9-2. Microphone Part - Sub(2nd) MIC



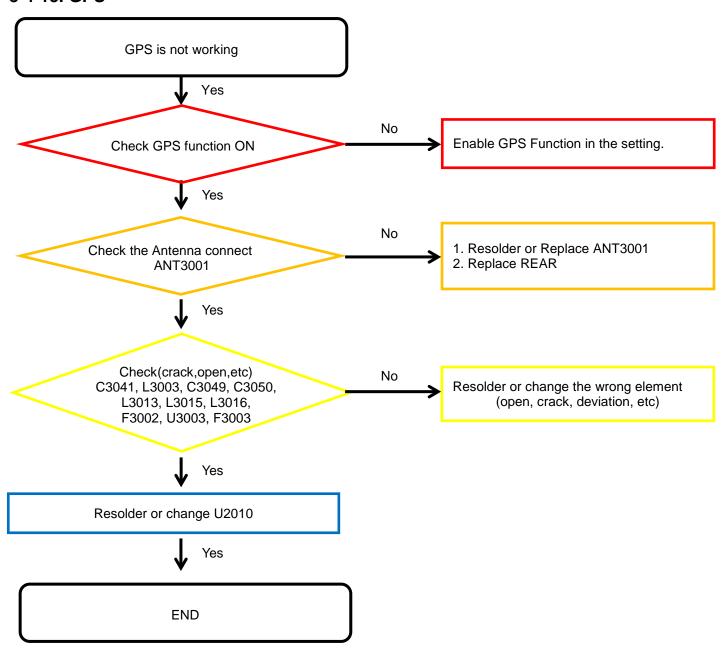
8-4-10. Speaker Part

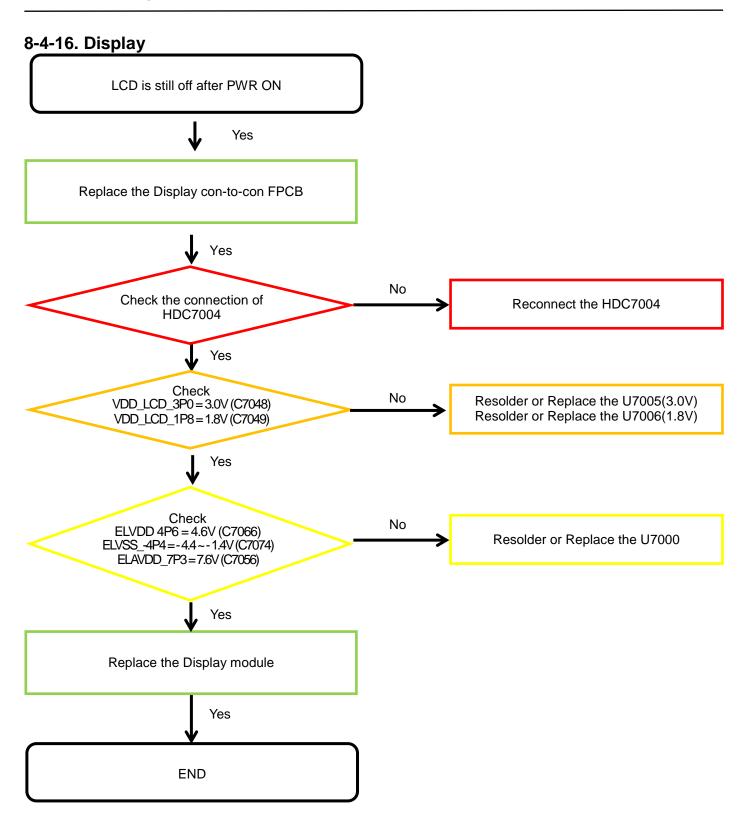


8-4-12. BT/WIFI

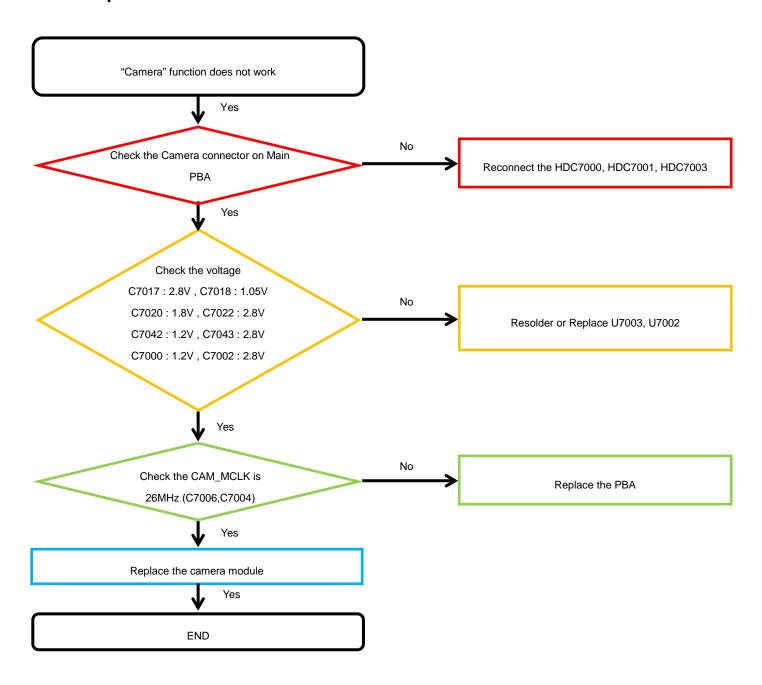


8-4-13. GPS

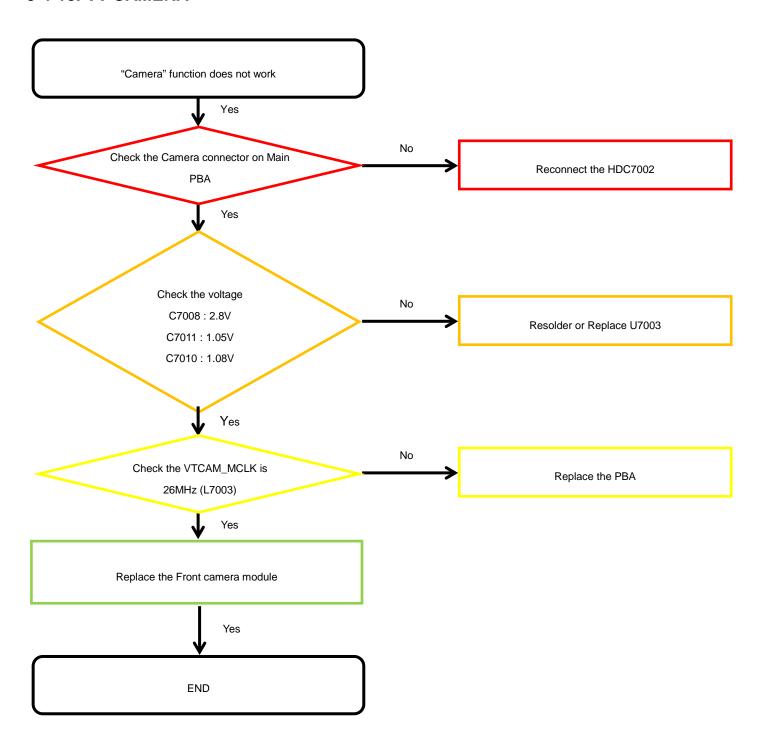




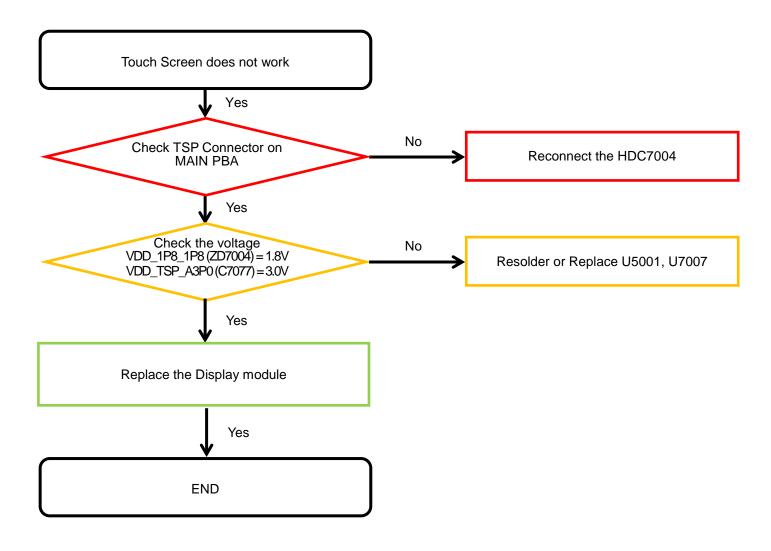
8-4-17. Triple Camera



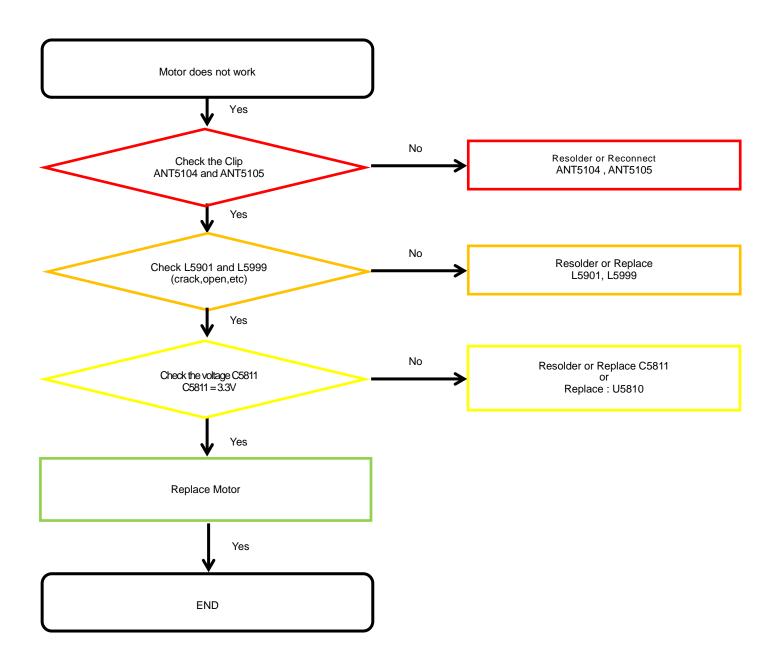
8-4-18. VT CAMERA



8-4-19. TSP

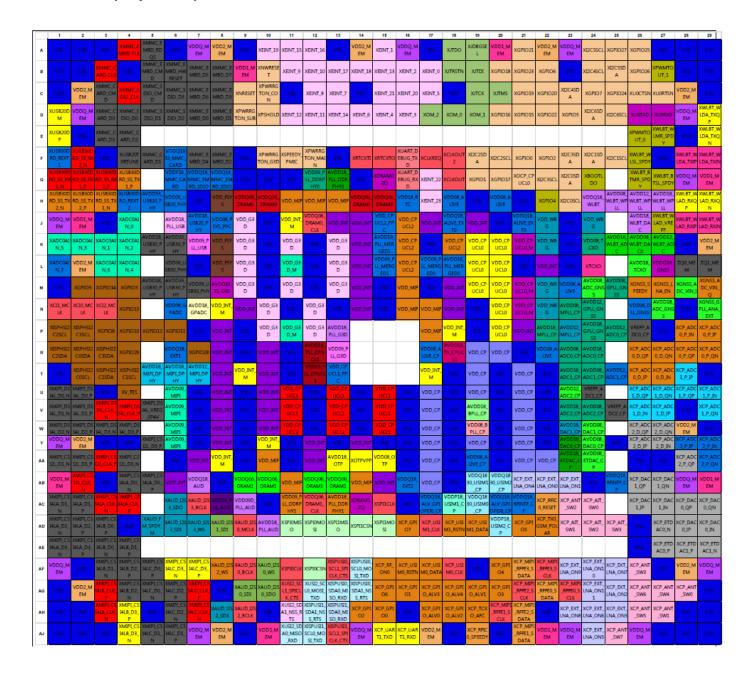


8-4-20. Motor



8-5. Service Schematics

- NC Point(Top View)



SAMSUNG