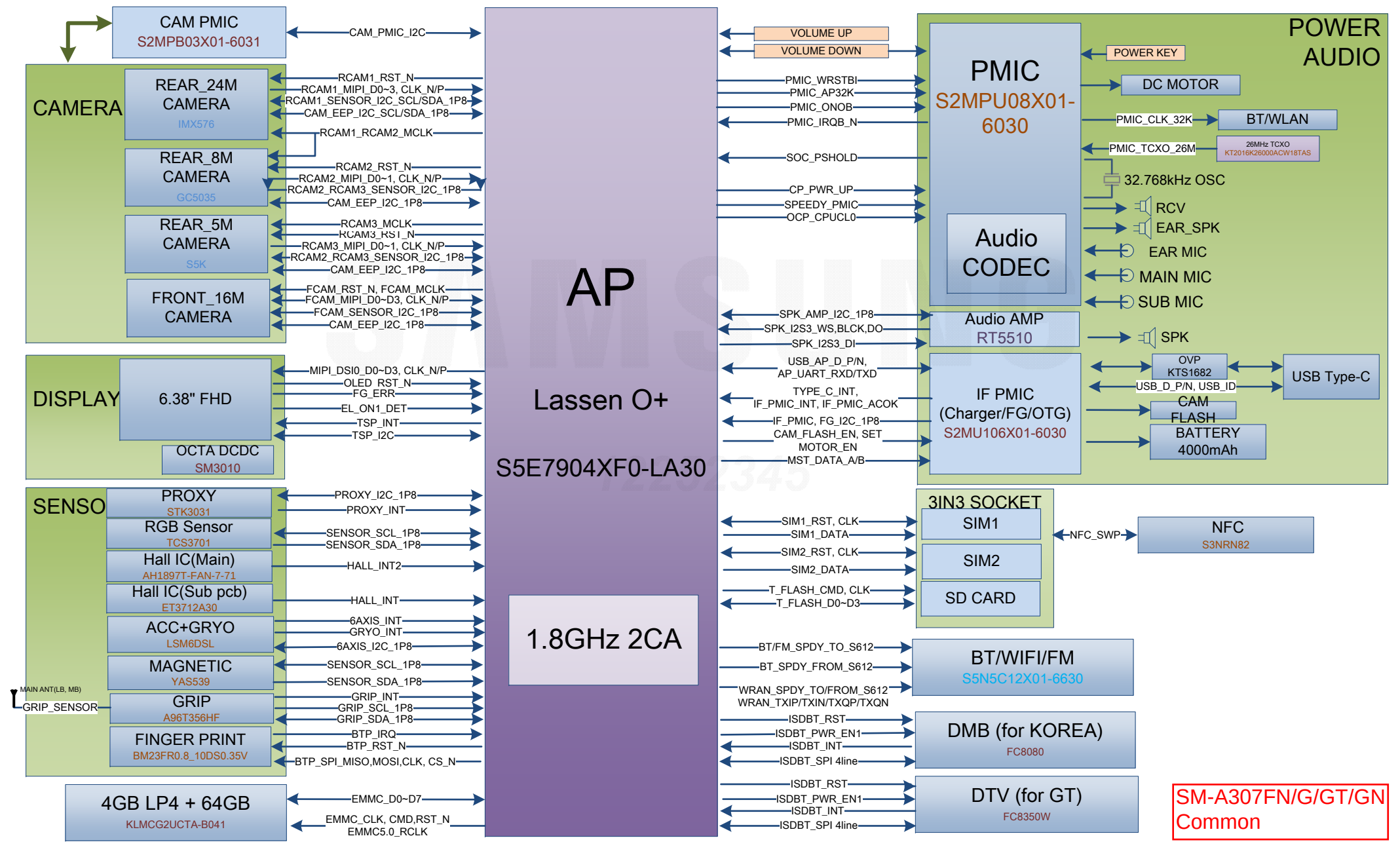
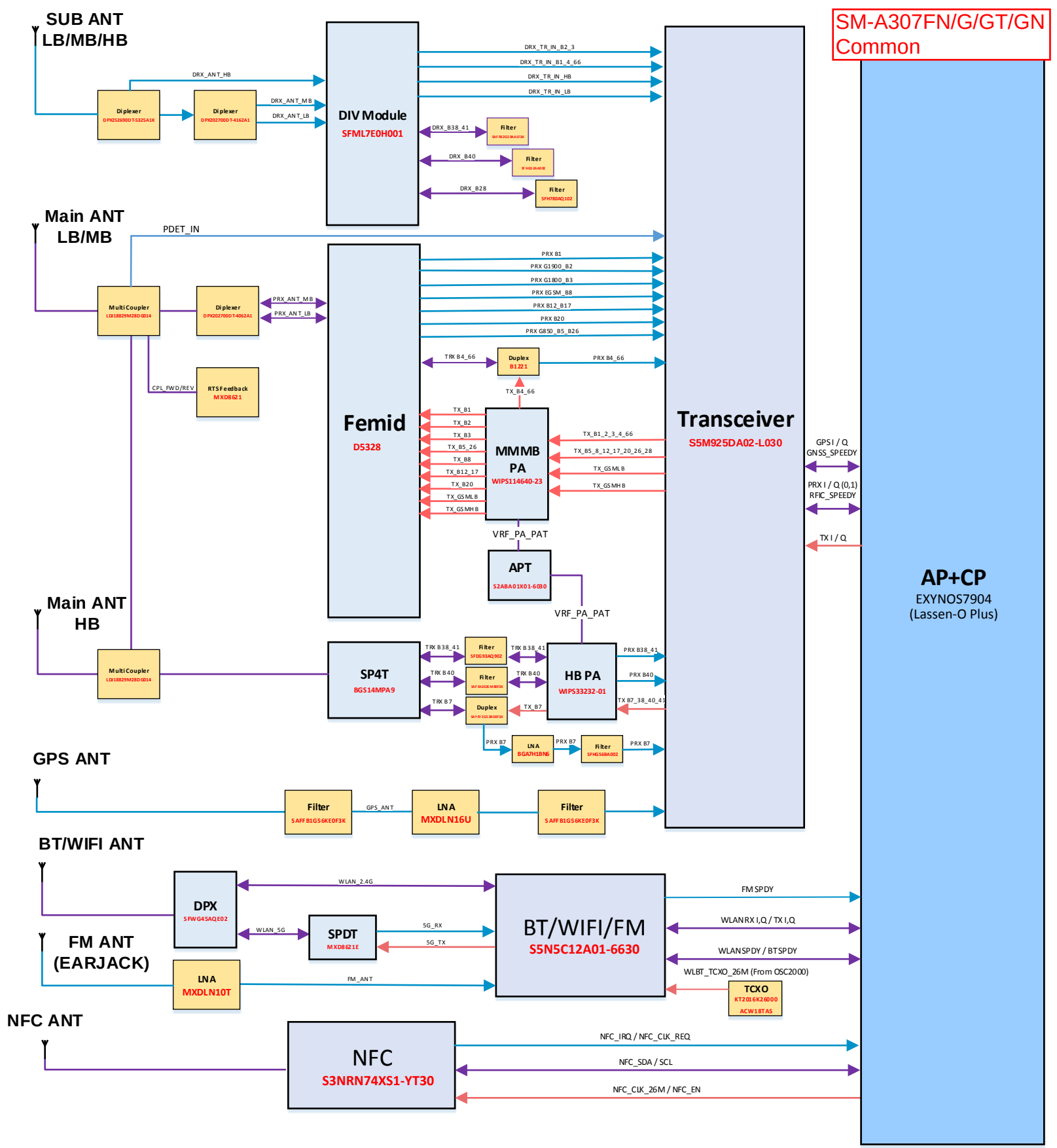
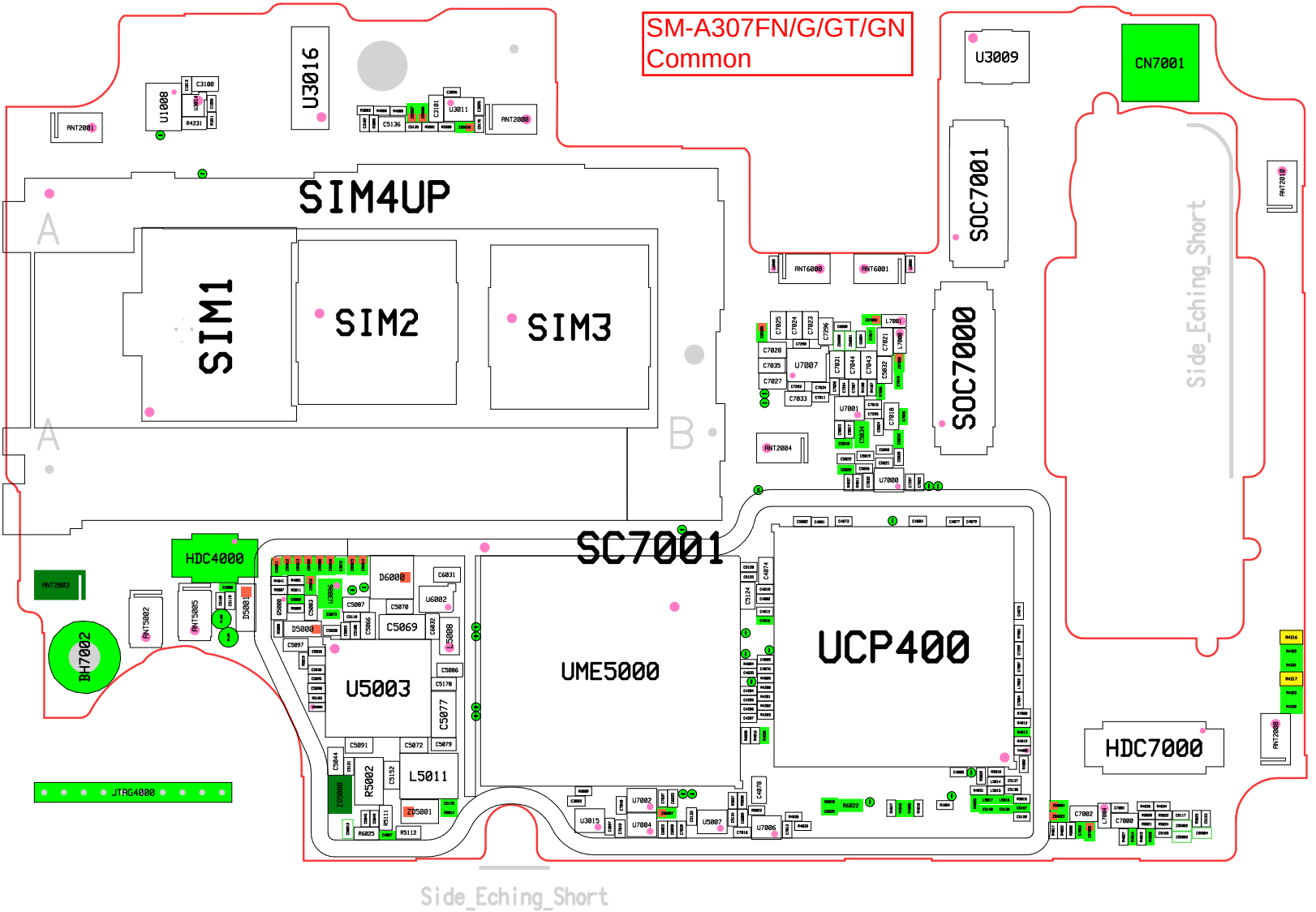
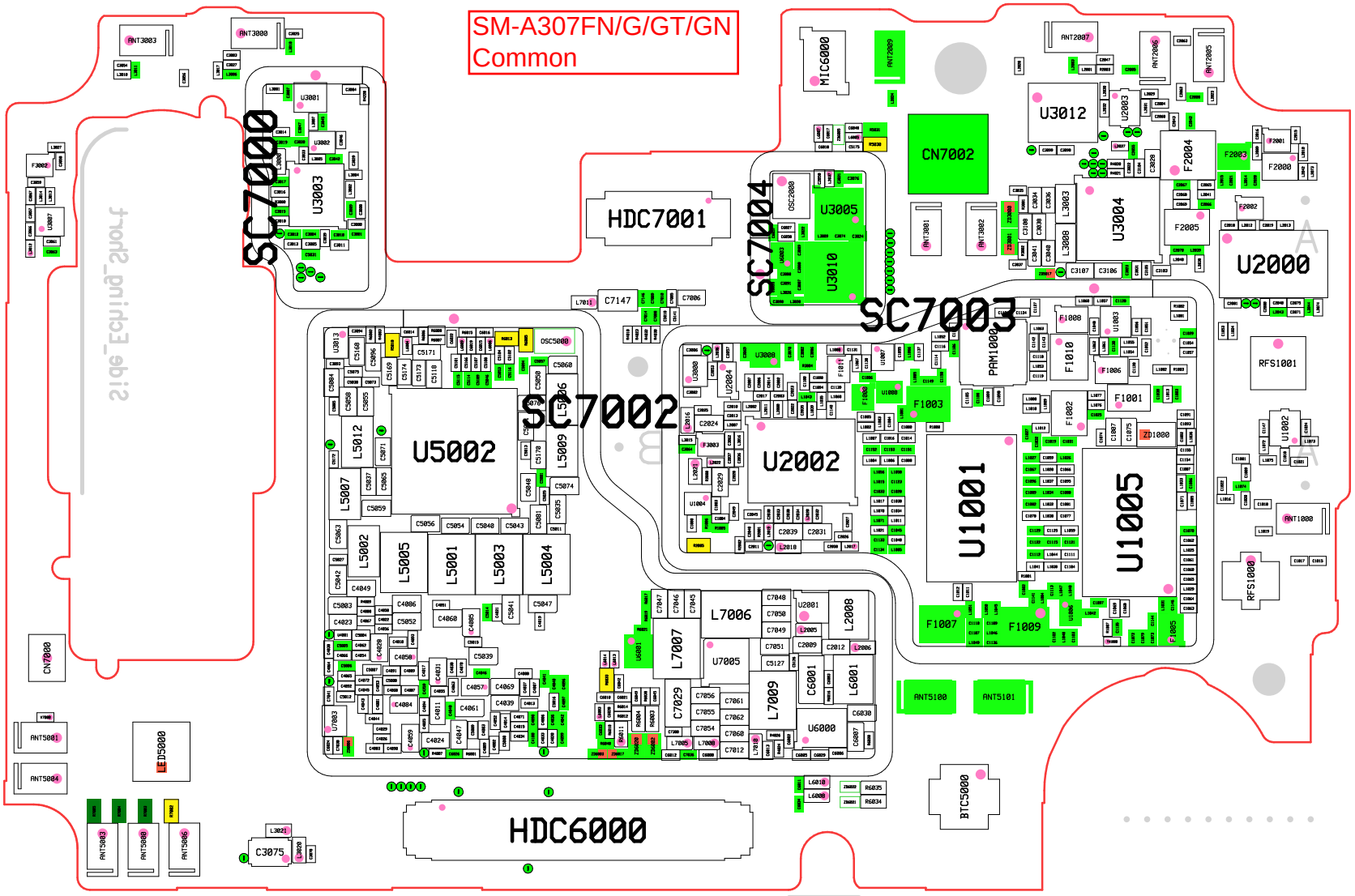

CAM PMIC
S2MPB03X01-6031
CAM_PMIC_I2C
CAMERA
REAR_24M CAMERA
IMX576
RCAM1_RST_N
RCAM1_MIPI_D0~3, CLK_N/P
RCAM1_SENSOR_I2C_SCL/SDA_1P8
CAM_EEP_I2C_SCL/SDA_1P8
RCAM1_RCAM2_MCLK
REAR_8M CAMERA
GC5035
RCAM2_RST_N
RCAM2_MIPI_D0~1, CLK_N/P
RCAM2_RCAM3_SENSOR_I2C_1P8
CAM_EEP_I2C_1P8
REAR_5M CAMERA
S5K
RCAM3_MCLK
RCAM3_RST_N
RCAM3_MIPI_D0~1, CLK_N/P
RCAM2_RCAM3_SENSOR_I2C_1P8
CAM_EEP_I2C_1P8
FRONT_16M CAMERA
FCAM_RST_N, FCAM_MCLK
FCAM_MIPI_D0~D3, CLK_N/P
FCAM_SENSOR_I2C_1P8
CAM_EEP_I2C_1P8
DISPLAY
6.38" FHD
MIPI_DSI0_D0~D3, CLK_N/P
OLED_RST_N
FG_ERR
EL_ON1_DET
TSP_INT
TSP_I2C
OCTA DCDC
SM3010
SENSO
PROXY
STK3031
PROXY_I2C_1P8
PROXY_INT
RGB Sensor
TCS3701
SENSOR_SCL_1P8
SENSOR_SDA_1P8
Hall IC(Main)
AH1897T-FAN-7-71
HALL_INT2
Hall IC(Sub pcb)
ET3712A30
HALL_INT
ACC+GRYO
LSM6DSL
6AXIS_INT
GRYO_INT
6AXIS_I2C_1P8
MAGNETIC
YAS539
SENSOR_SCL_1P8
SENSOR_SDA_1P8
MAIN ANT(LB, MB)
GRIP_SENSOR
GRIP
A96T356HF
GRIP_INT
GRIP_SCL_1P8
GRIP_SDA_1P8
FINGER PRINT
BM23FR0.8_10DS0.35V
BTP_IRQ
BTP_RST_N
BTP_SPI_MISO,MOSI,CLK, CS_N
4GB LP4 + 64GB
KLMCG2UCTA-B041
EMMC_D0~D7
EMMC_CLK, CMD,RST_N
EMMC5.0_RCLK
AP
Lassen O+
S5E7904XF0-LA30
1.8GHz 2CA
VOLUME UP
VOLUME DOWN
PMIC_WRSTBI
PMIC_AP32K
PMIC_ONOB
PMIC_IRQB_N
SOC_PSHOLD
CP_PWR_UP
SPEEDY_PMIC
OCP_CPUCL0
SPK_AMP_I2C_1P8
SPK_I2S3_WS,BLCK,DO
SPK_I2S3_DI
USB_AP_D_P/N,
AP_UART_RXD/TXD
TYPE_C_INT,
IF_PMIC_INT, IF_PMIC_ACOK
IF_PMIC, FG_I2C_1P8
CAM_FLASH_EN, SET
MOTOR_EN
MST_DATA_A/B
SIM1_RST, CLK
SIM1_DATA
SIM2_RST, CLK
SIM2_DATA
T_FLASH_CMD, CLK
T_FLASH_D0~D3
BT/FM_SPDY_TO_S612
BT_SPDY_FROM_S612
WRAN_SPDY_TO/FROM_S612
WRAN_TXIP/TXIN/TXQP/TXQN
ISDBT_RST
ISDBT_PWR_EN1
ISDBT_INT
ISDBT_SPI 4line
ISDBT_RST
ISDBT_PWR_EN1
ISDBT_INT
ISDBT_SPI 4line
POWER
AUDIO
PMIC
S2MPU08X01-6030
Audio CODEC
POWER KEY
DC MOTOR
PMIC_CLK_32K
BT/WLAN
PMIC_TCXO_26M
26MHz TCXO
KT2016K26000ACW18TAS
32.768kHz OSC
RCV
EAR_SPK
EAR MIC
MAIN MIC
SUB MIC
Audio AMP
RT5510
SPK
IF PMIC
(Charger/FG/OTG)
S2MU106X01-6030
OVP
KTS1682
USB_D_P/N, USB_ID
USB Type-C
CAM FLASH
BATTERY
4000mAh
3IN3 SOCKET
SIM1
SIM2
SD CARD
NFC_SWP
NFC
S3NRN82
BT/WIFI/FM
S5N5C12X01-6630
DMB (for KOREA)
FC8080
DTV (for GT)
FC8350W
SM-A307FN/G/GT/GN
Common


SM-A307FN/G/GT/GN
Common
SUB ANT
LB/MB/HB
Diplexer
DPX252690DT-5325A1K
Diplexer
DPX202700DT-4162A1
DRX_ANT_HB
DRX_ANT_MB
DRX_ANT_LB
DIV Module
SFML7E0H001
DRX_TR_IN_B2_3
DRX_TR_IN_B1_4_66
DRX_TR_IN_HB
DRX_TR_IN_LB
DRX_B38_41
Filter
DRX_B40
Filter
DRX_B28
Filter
SFH780AQ102
Main ANT
LB/MB
PDET_IN
Multi Coupler
LQ118829M28DG014
Diplexer
DPX202700DT-4062A1
PRX_ANT_MB
PRX_ANT_LB
CPL_FWD/REV
RTS Feedback
MXD8621
Femid
D5328
PRX B1
PRX G1900_B2
PRX G1800_B3
PRX EGSM_B8
PRX B12_B17
PRX B20
PRX G850_B5_B26
TRX B4_66
Duplex
B1221
PRX B4_66
TX_B4_66
TX_B1
TX_B2
TX_B3
TX_B5_26
TX_B8
TX_B12_17
TX_B20
TX_GSM LB
TX_GSM HB
MMMB
PA
WIPS114640-23
TX_B1_2_3_4_66
TX_B5_8_12_17_20_26_28
TX_GSM LB
TX_GSM HB
VRF_PA_PAT
APT
S2ABA01X01-6030
VRF_PA_PAT
Transceiver
S5M925DA02-L030
GPS I / Q
GNSS_SPEEDY
PRX I / Q (0,1)
RFIC_SPEEDY
TX I / Q
AP+CP
EXYNOS7904
(Lassen-O Plus)
Main ANT
HB
Multi Coupler
LQ118829M28DG014
SP4T
BGS14MPA9
TRX B38_41
Filter
SFDG93AQ902
TRX B38_41
TRX B40
Filter
TRX B40
TRX B7
Duplex
TX_B7
HB PA
WIPS33232-01
PRX B38_41
PRX B40
TX B7_38_40_41
PRX B7
LNA
BGA7H1BN6
PRX B7
Filter
SFHG56BA002
PRX B7
GPS ANT
Filter
SAFFB1G56KE0F3K
GPS_ANT
LNA
MXDLN16U
Filter
SAFFB1G56KE0F3K
BT/WIFI ANT
DPX
SFWG45AQE02
WLAN_2.4G
WLAN_5G
SPDT
MXD8621E
5G_RX
5G_TX
FM ANT
(EARJACK)
LNA
MXDLN10T
FM_ANT
BT/WIFI/FM
S5N5C12A01-6630
FM SPDY
WLAN RX I,Q / TX I,Q
WLAN SPDY / BT SPDY
WLBT_TCXO_26M (From OSC2000)
TCXO
KT2016K26000
ACW18TA5
NFC ANT
NFC
S3NRN74XS1-YT30
NFC_IRQ / NFC_CLK_REQ
NFC_SDA / SCL
NFC_CLK_26M / NFC_EN

SM-A307FN/G/GT/GN
Common

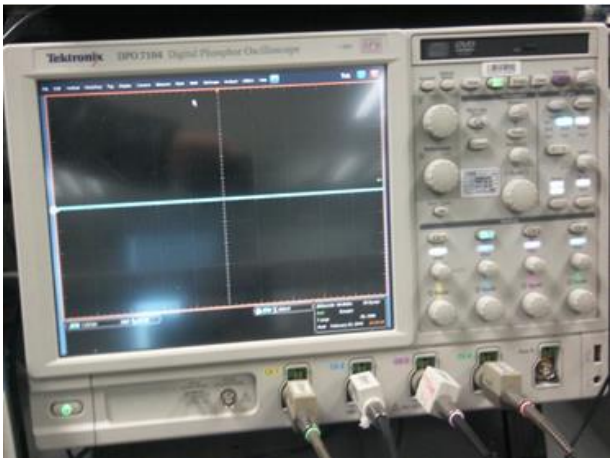
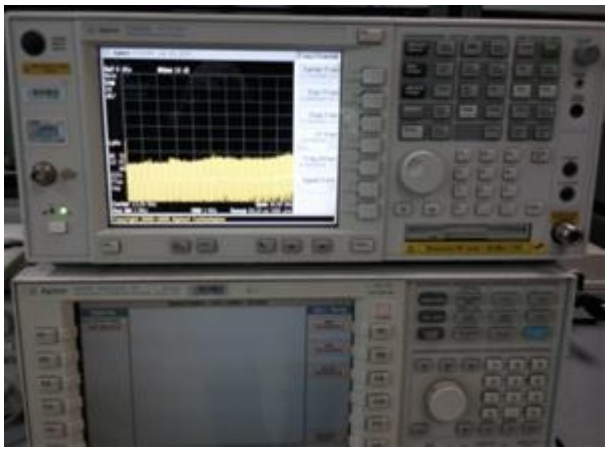


SM-A307FN/G/GT/GN
Common



8. Level 3 Repair

8-3. Flow chart of Troubleshooting.

	
Oscilloscope	**Digital Multimeter**
Power Supply	**+ driver, ESD Safe Tweezer**
	
8960 & Spectrum Analyzer	**Soldering iron**

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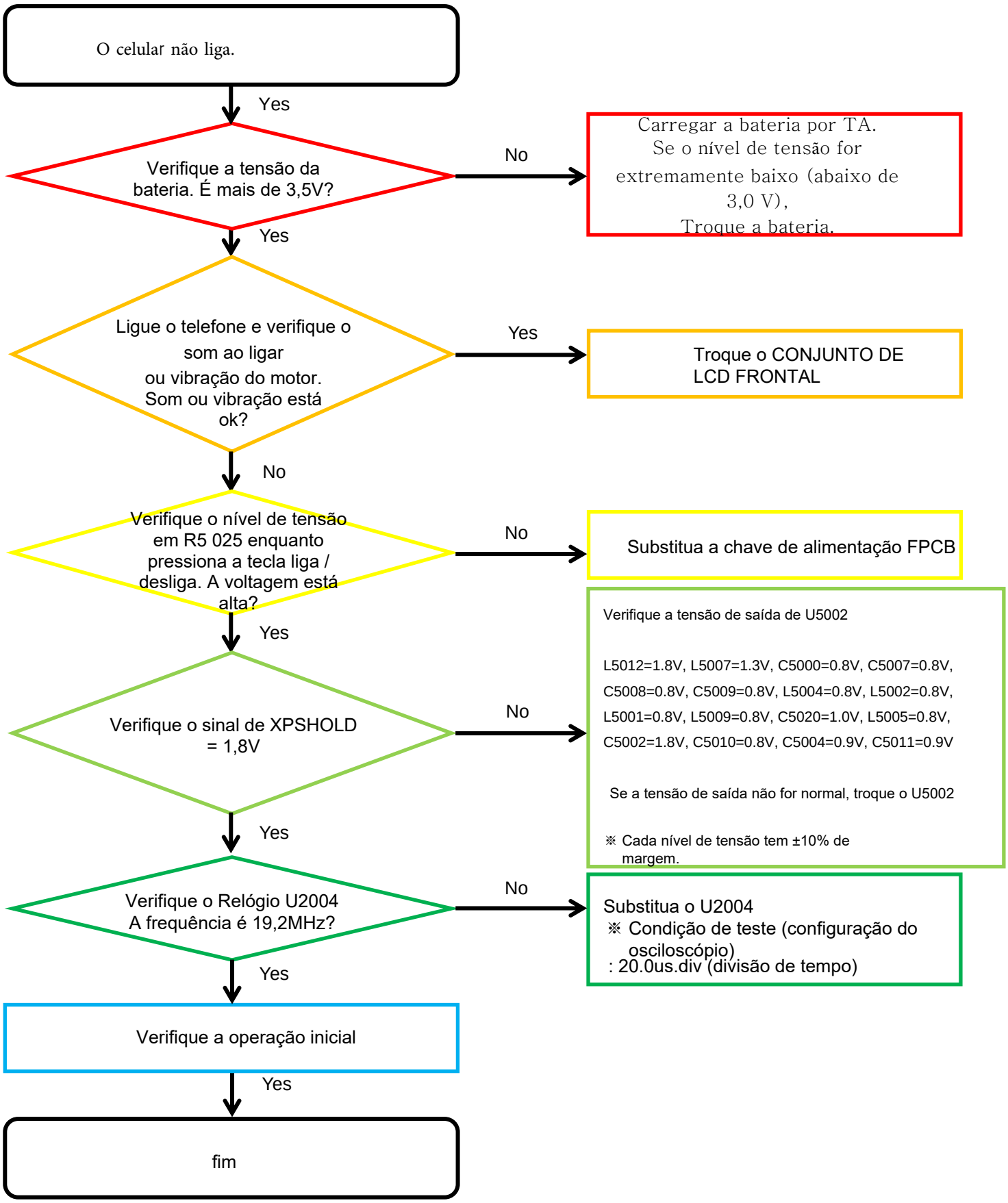
8-4-1. Power On



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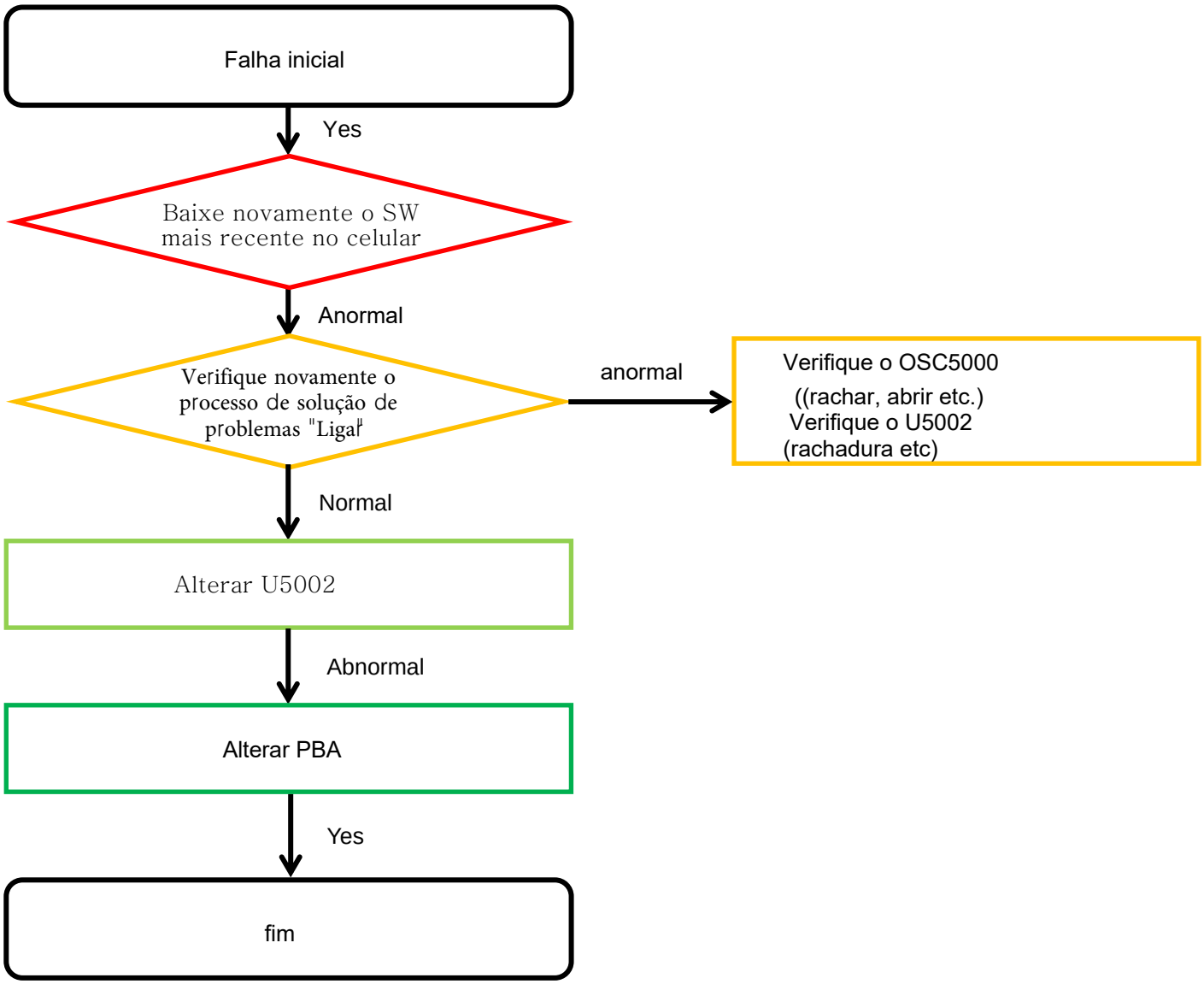
8-4-2. inicial



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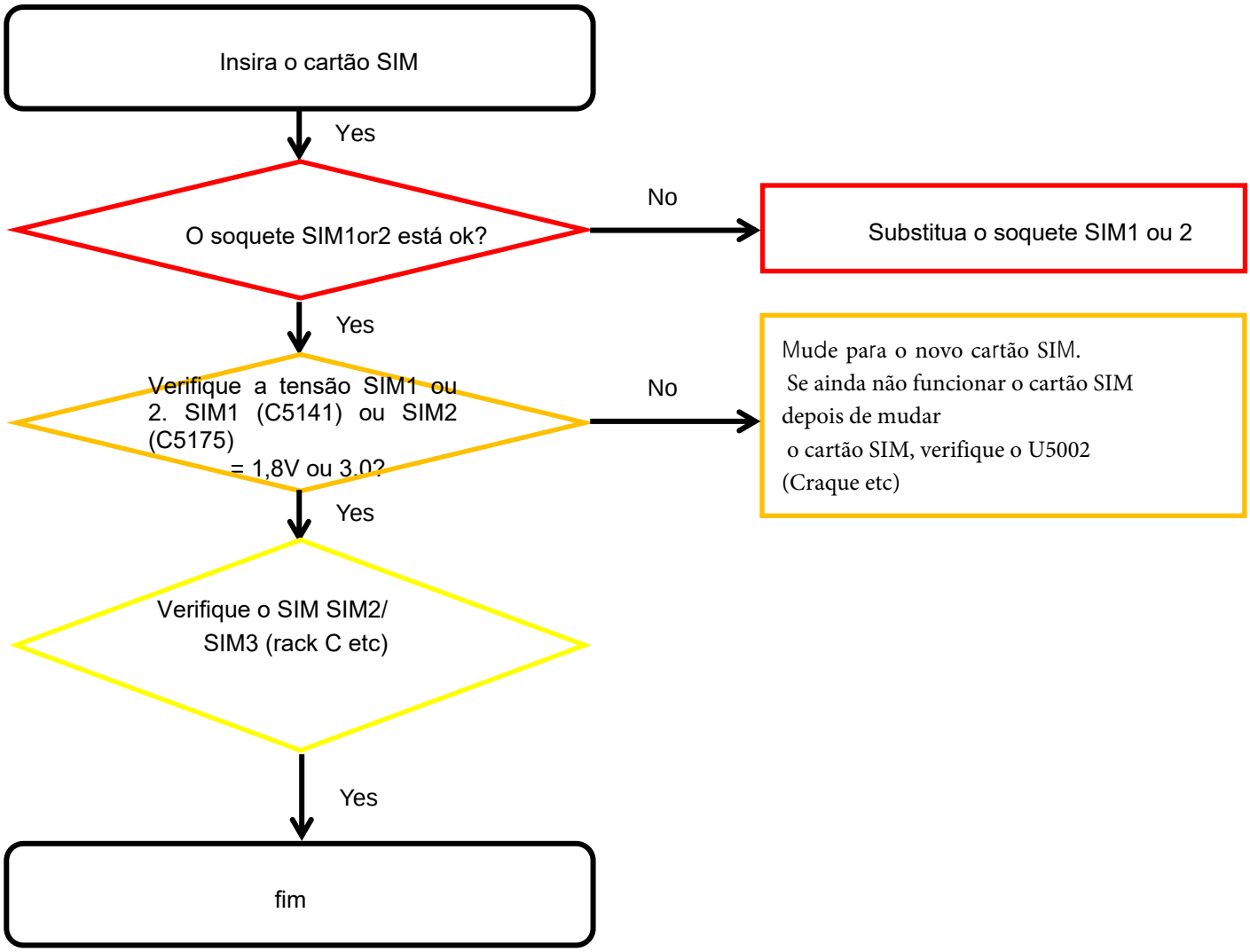
8-4-3. Parte SIM



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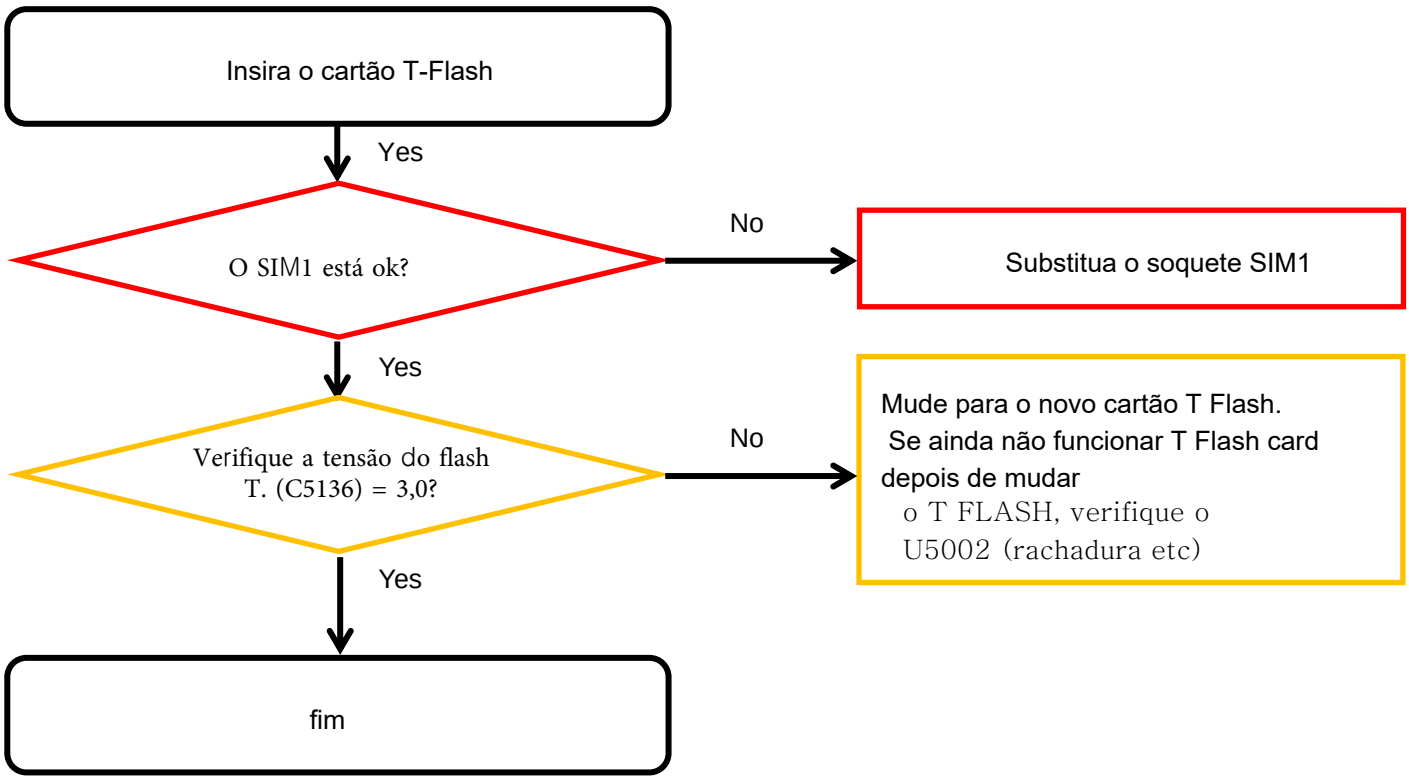
8-4-4. Parte T-Flash



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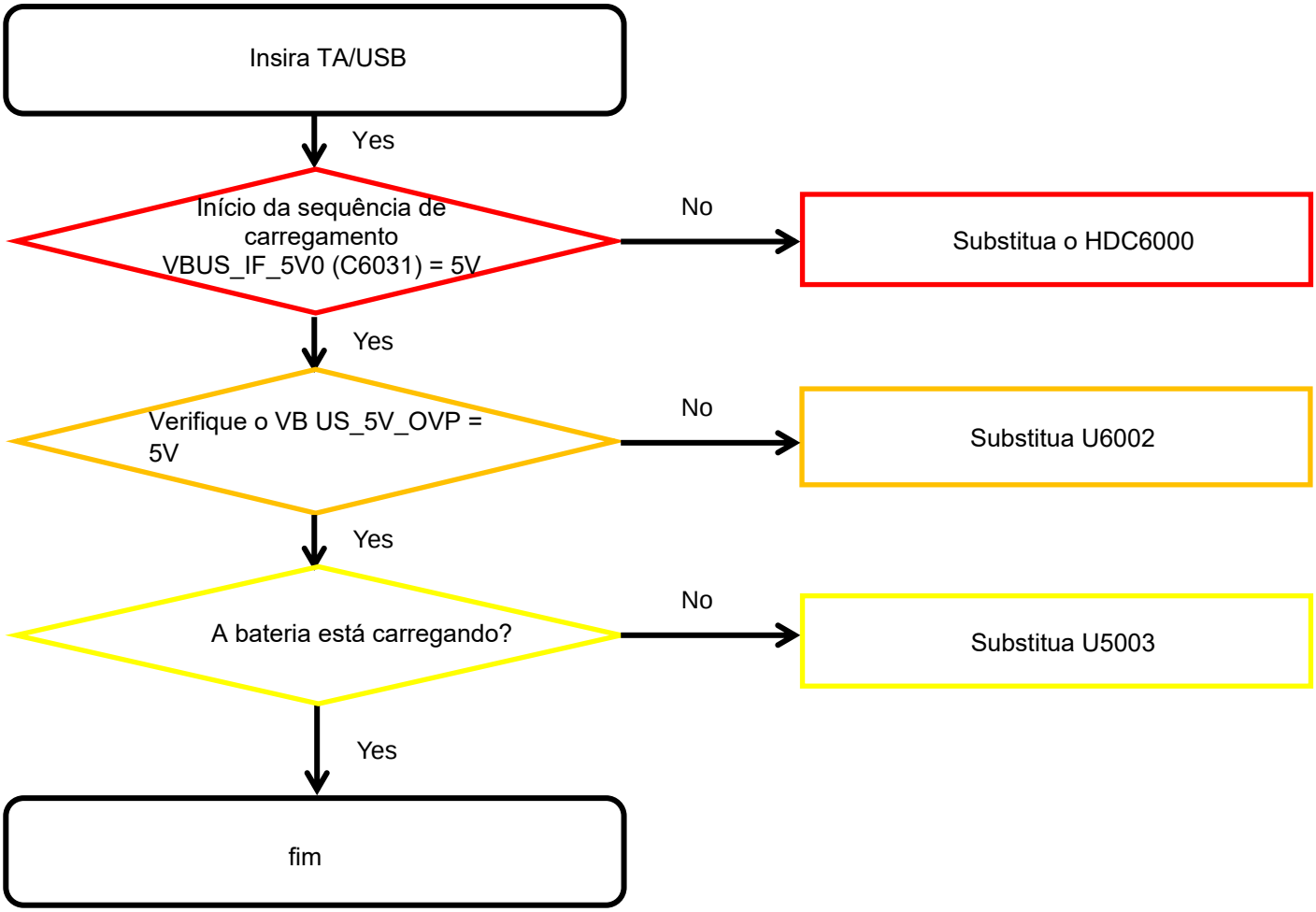
8-4-5. Parte de carregamento



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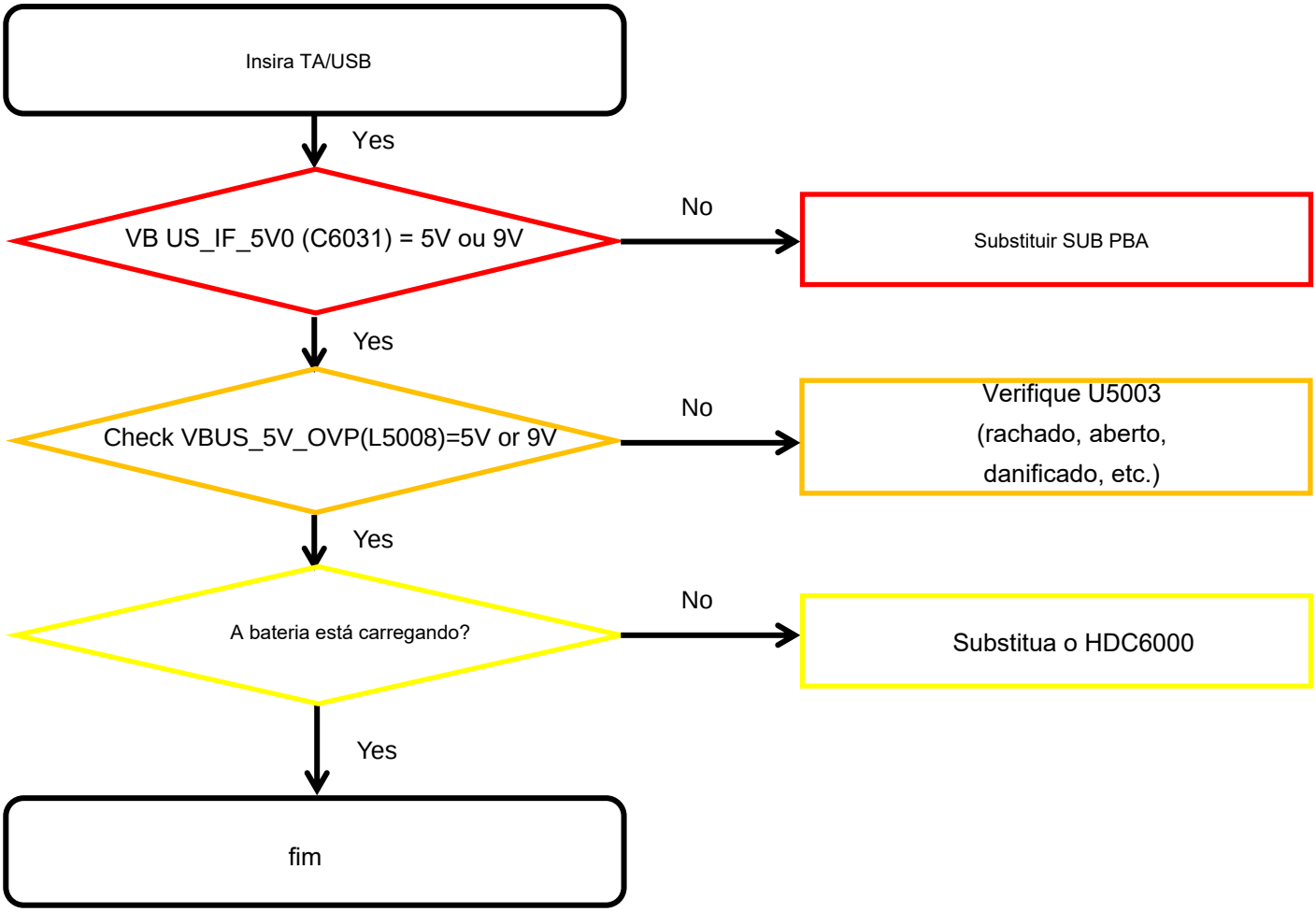
8-4-6. Parte de carregamento do cabo



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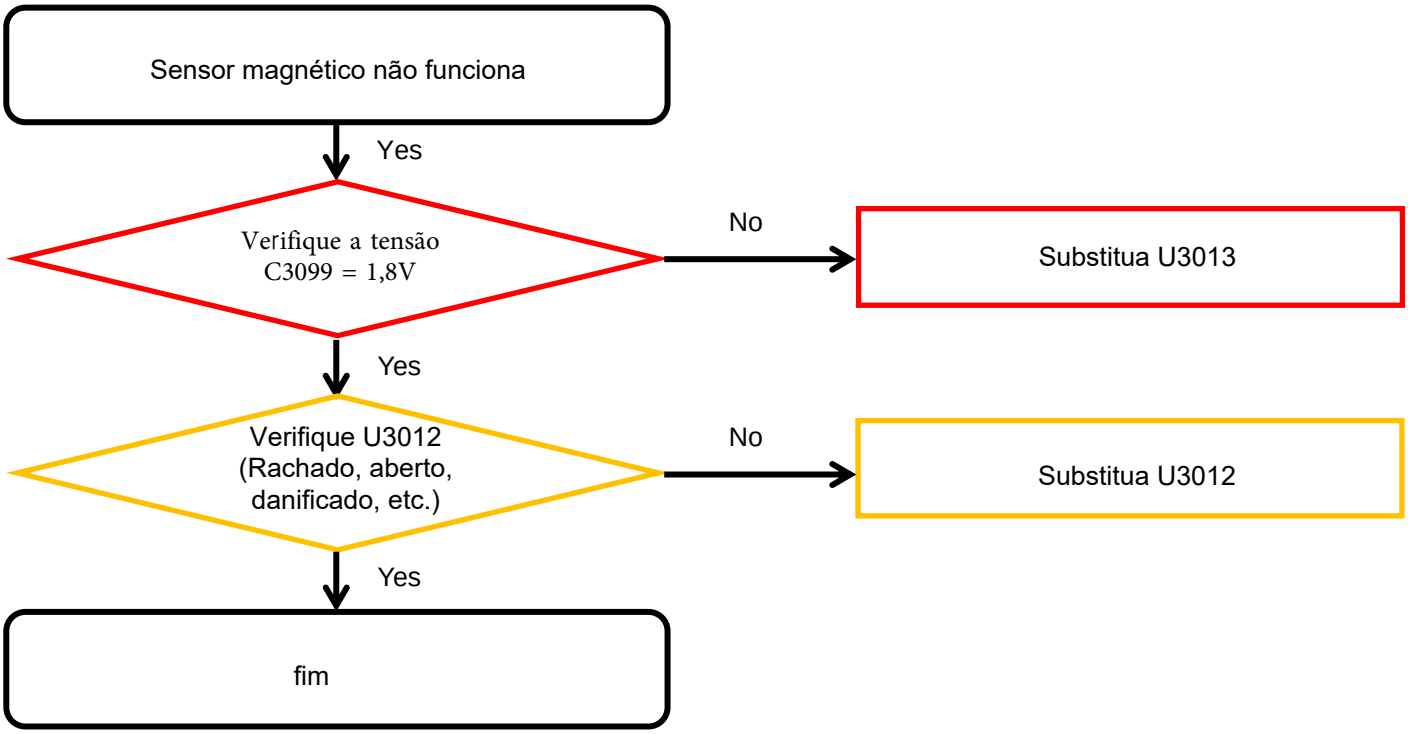
8-4-7-1. Sensor de aceleração



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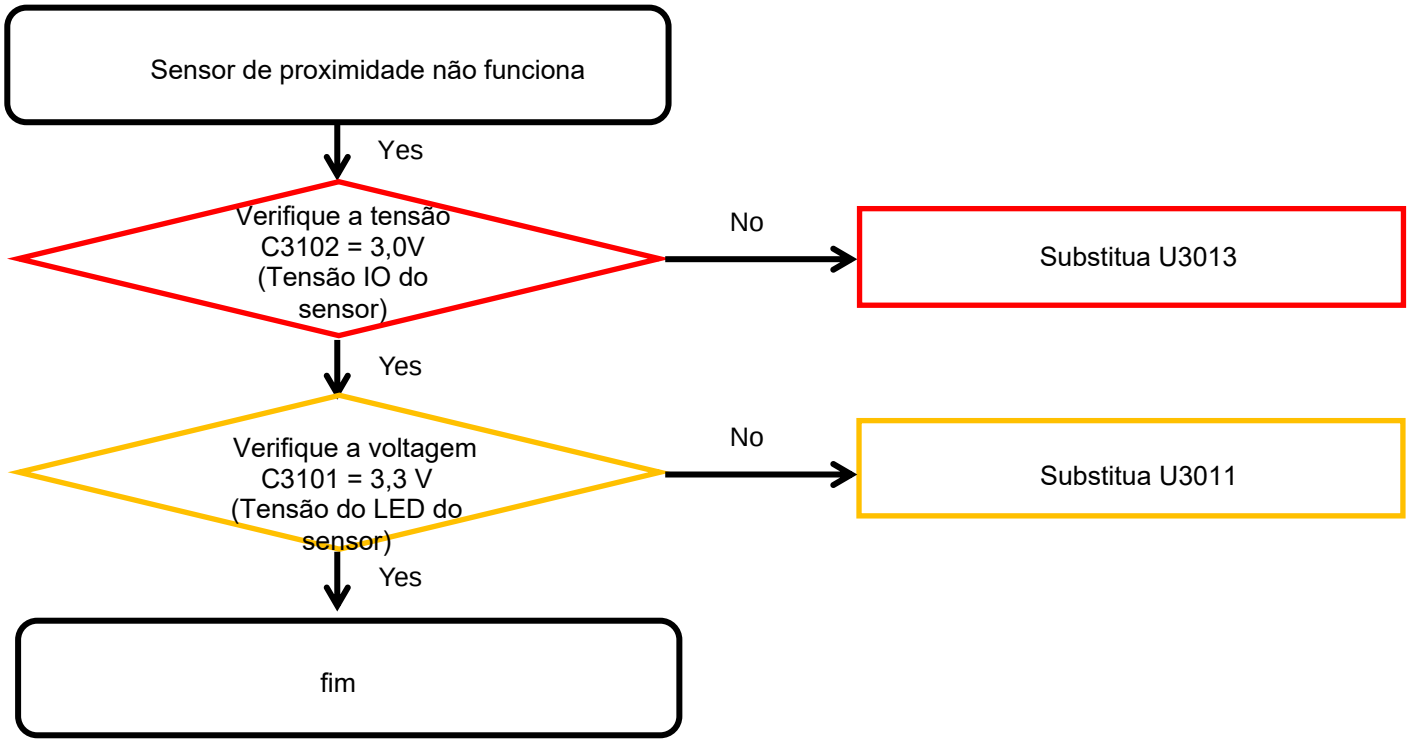
8-4-7-2. Sensor de proximidade



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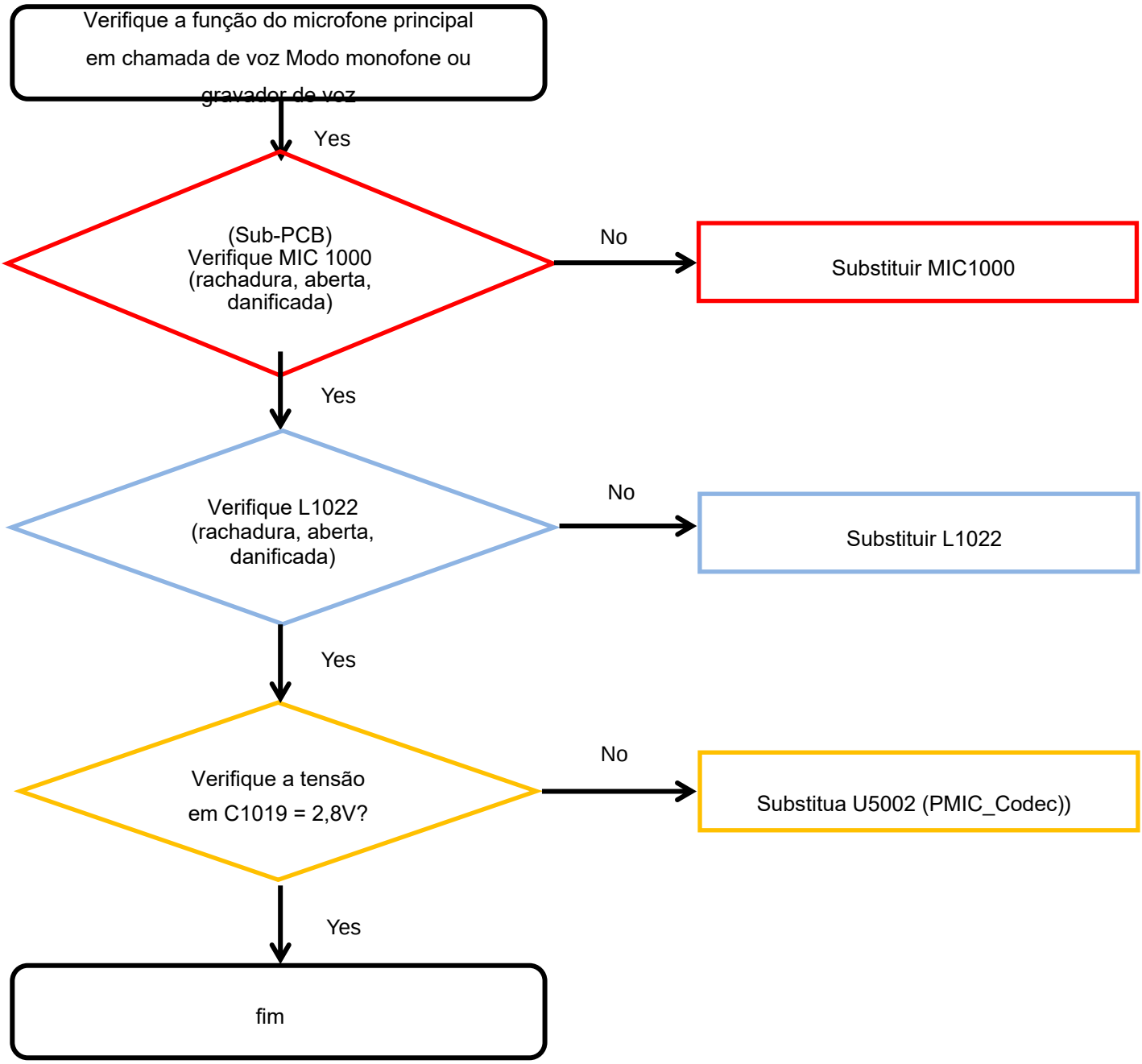
8-4-8. Peça do microfone - MIC principal



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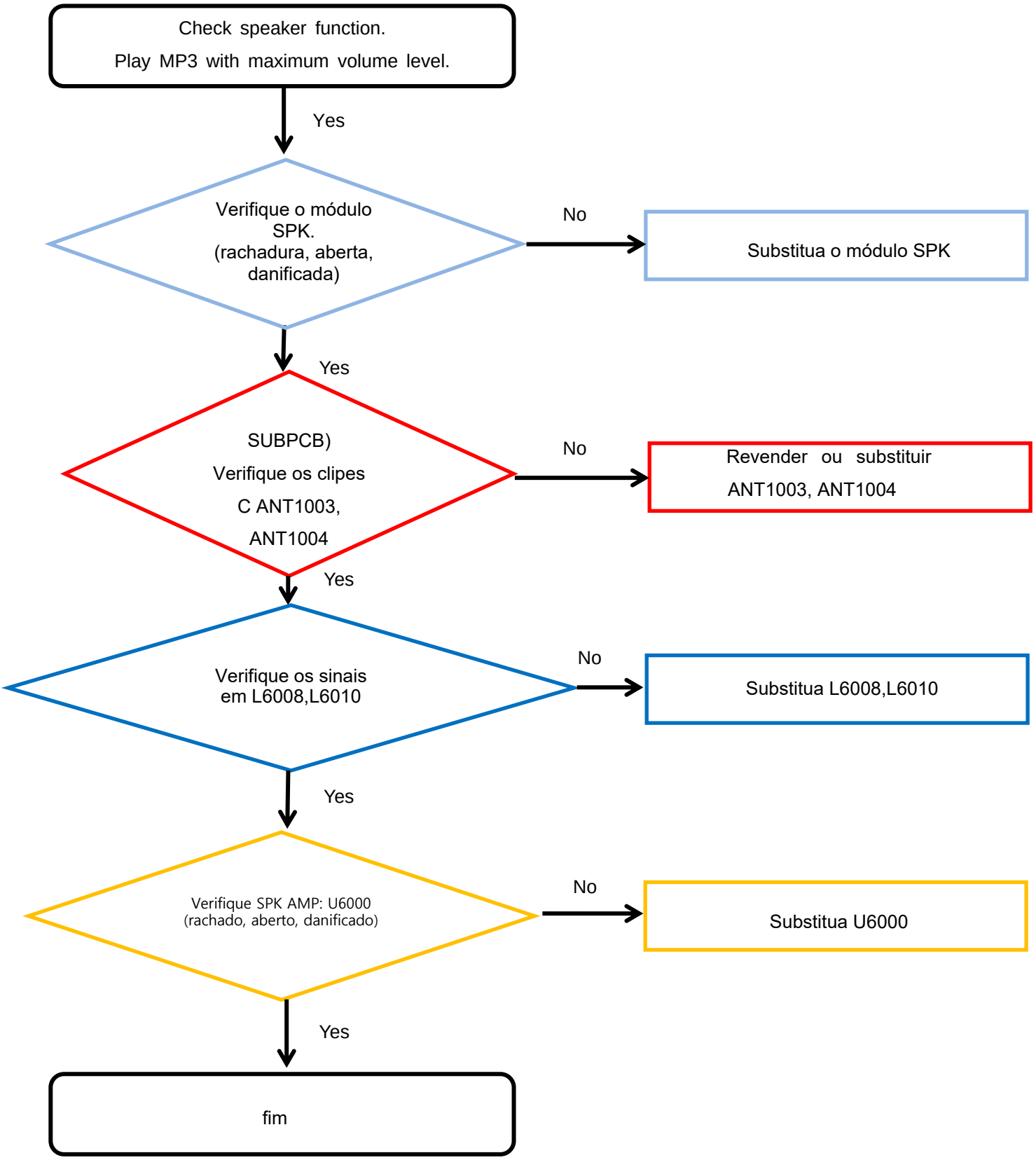
8-4-9. Parte do alto-falante



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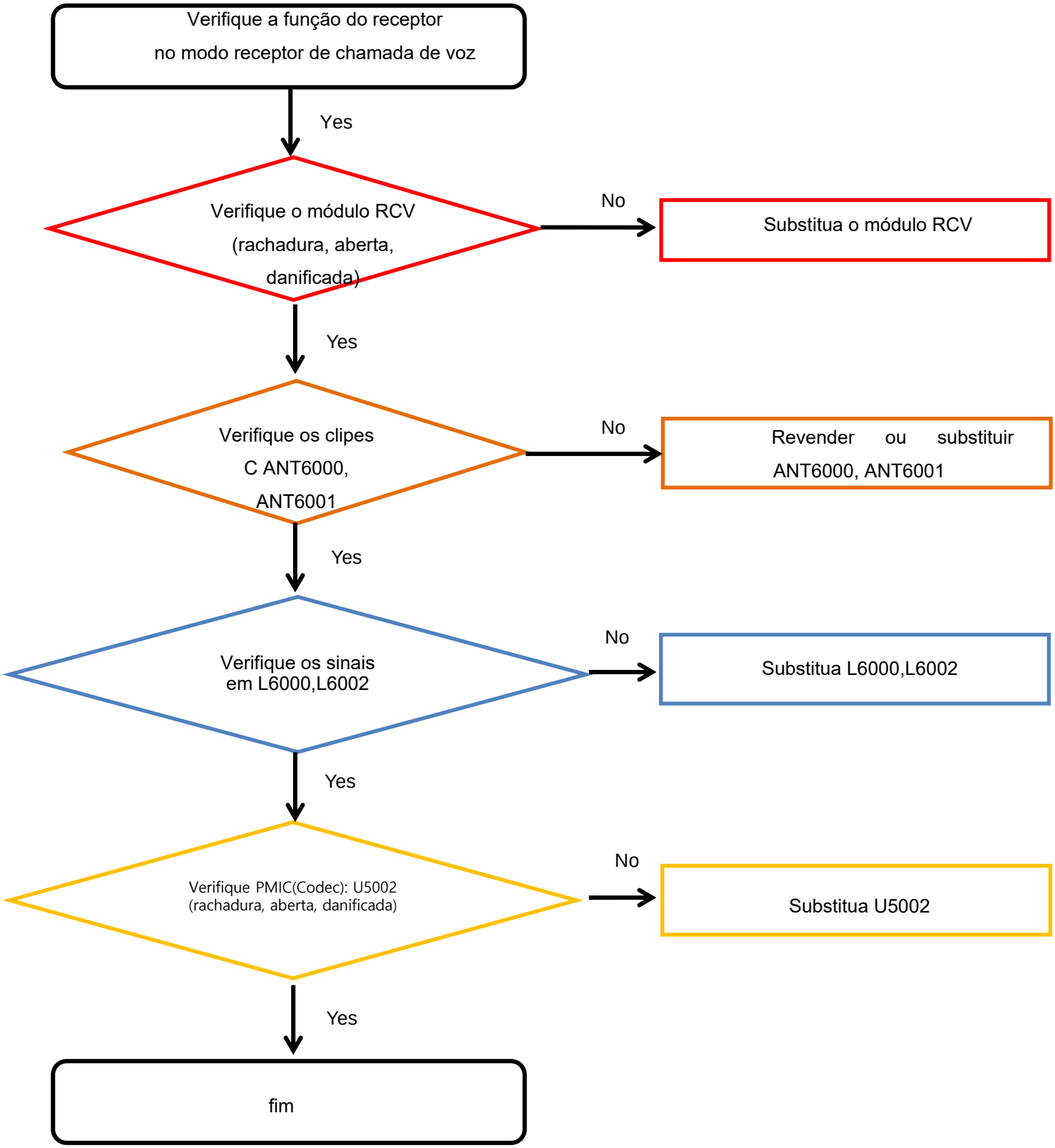
8-4-10. Parte Receptora



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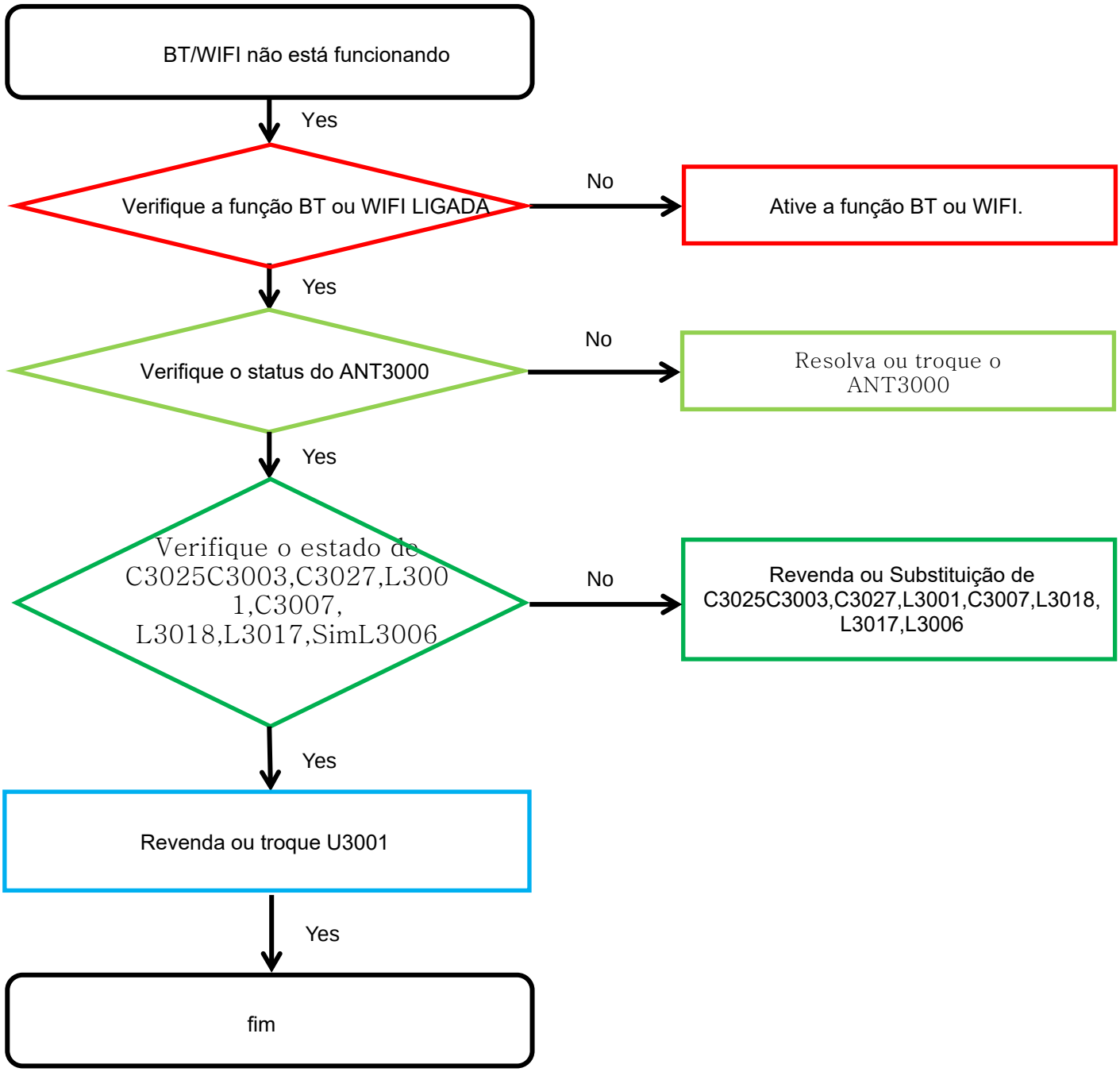
8-4-11. BT/WIFI



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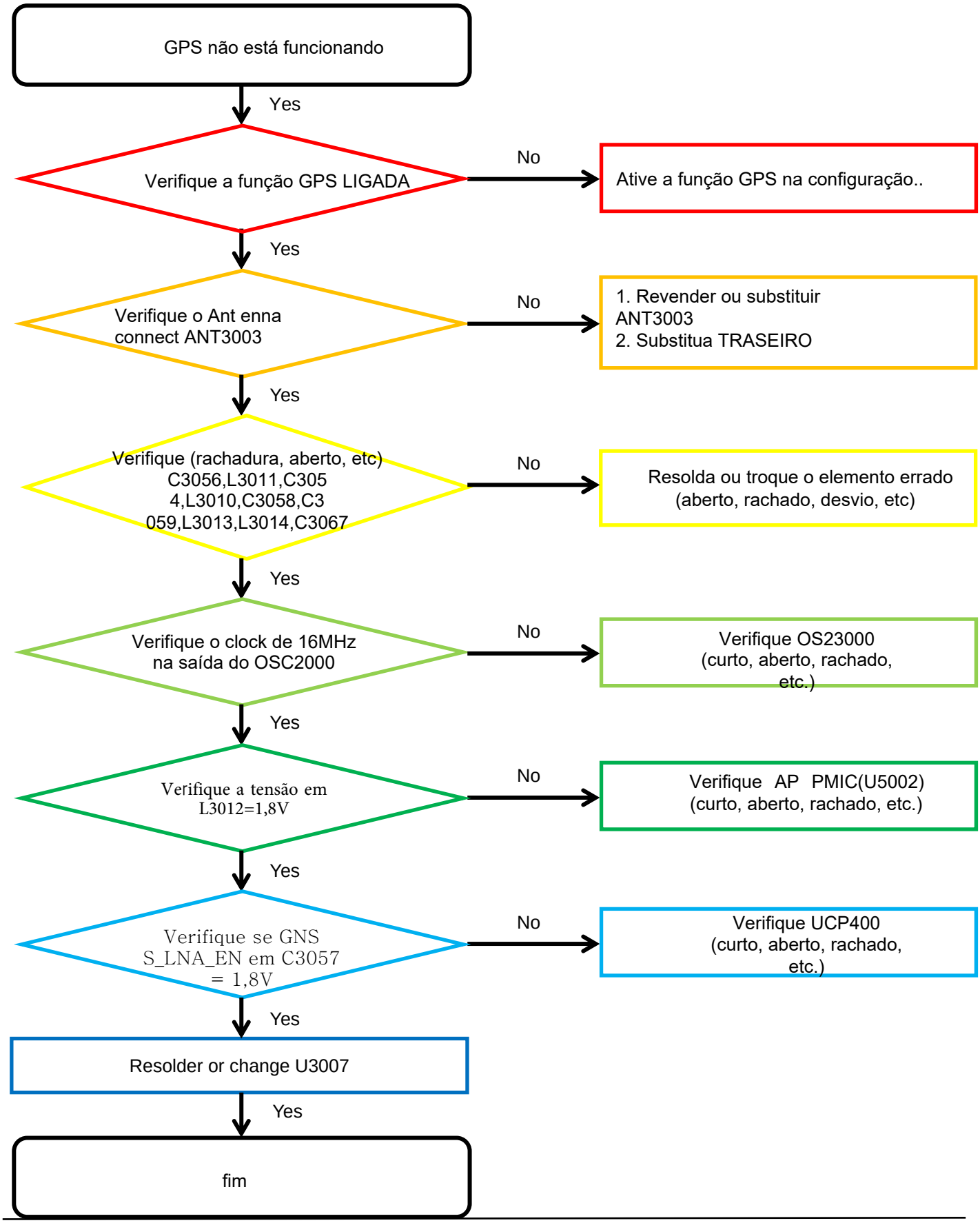
8-4-12. GPS



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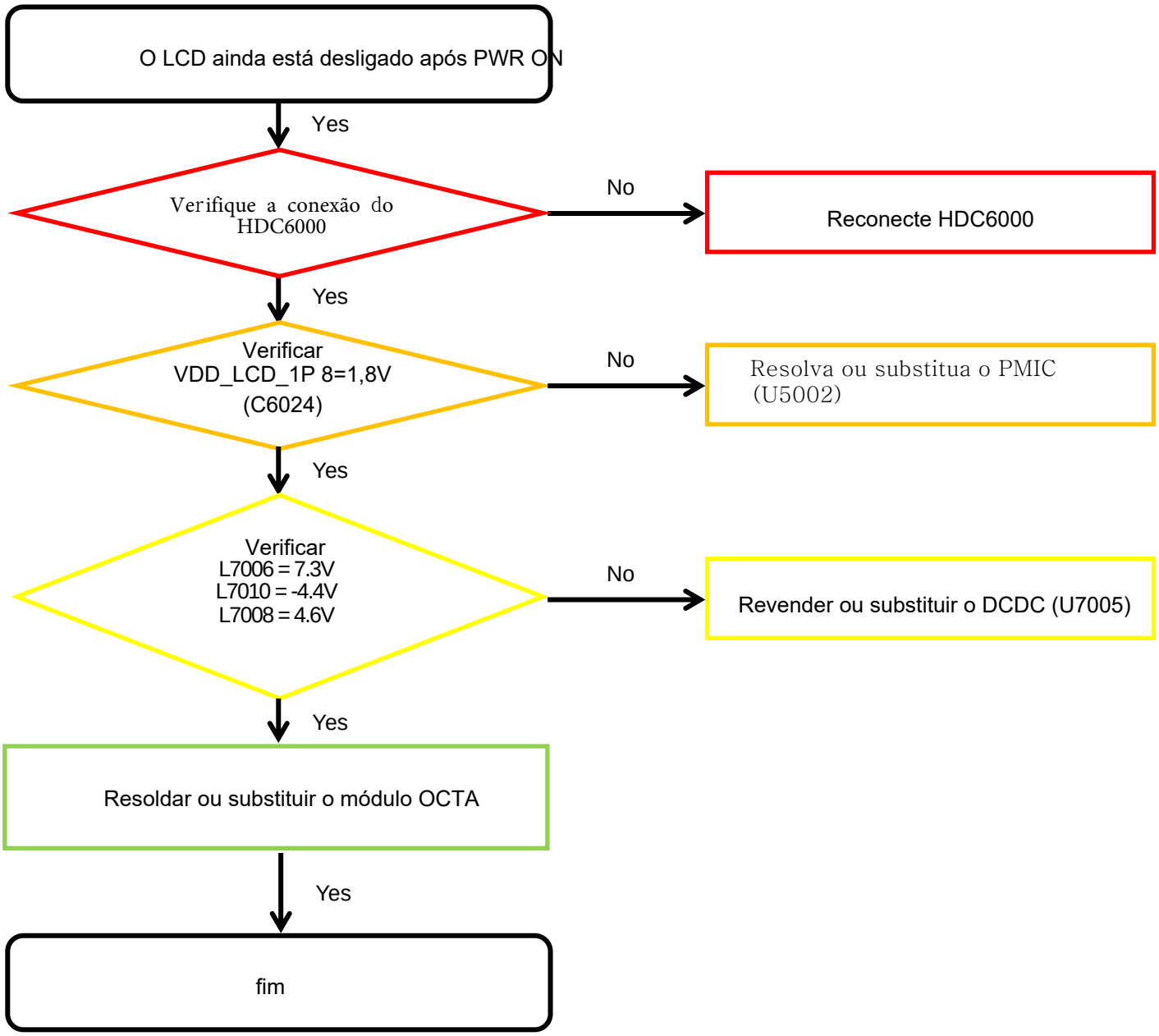
8-4-13. Display



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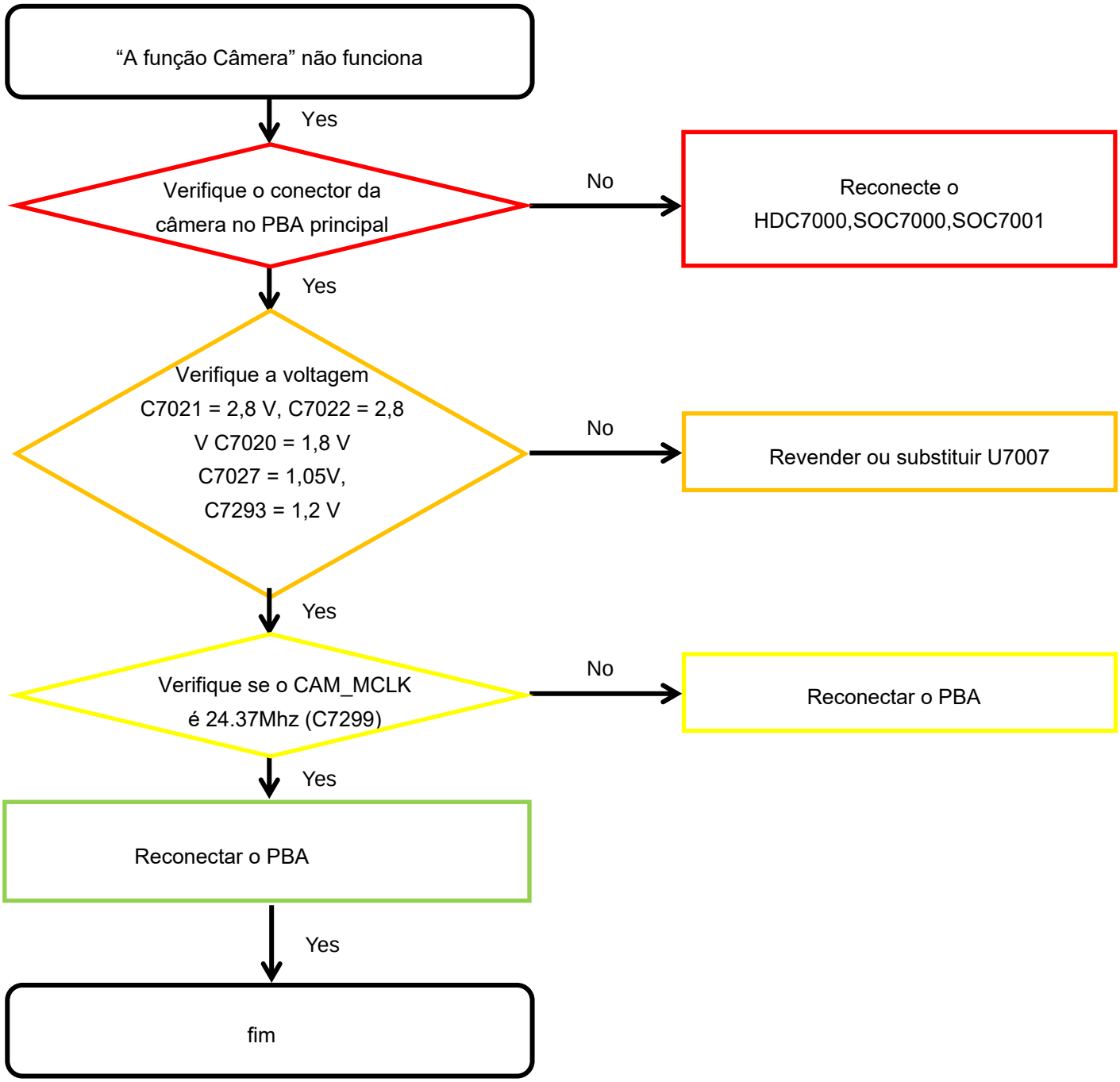
8-4-14. Câmera traseira



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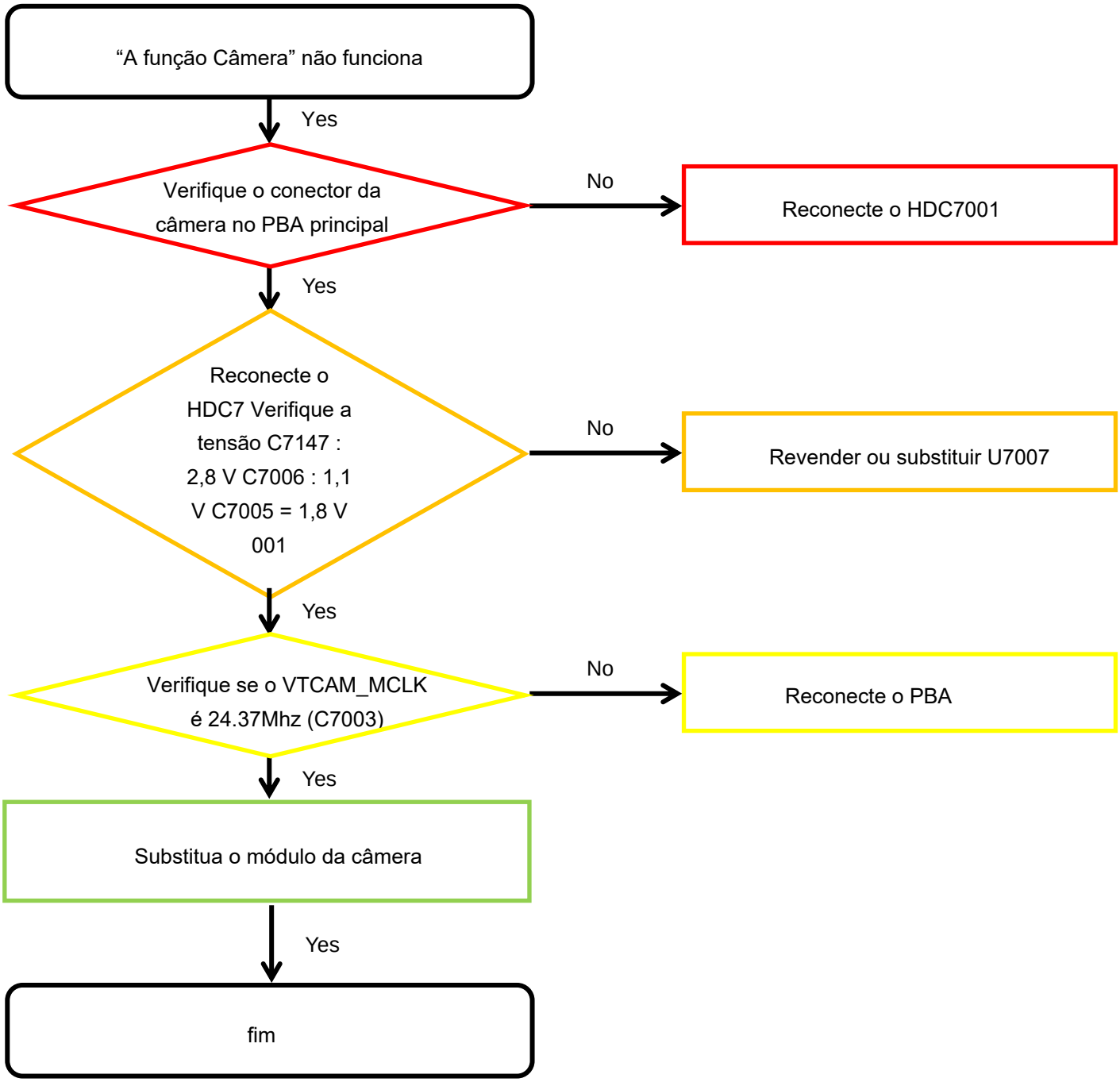
8-4-15. Câmera frontal



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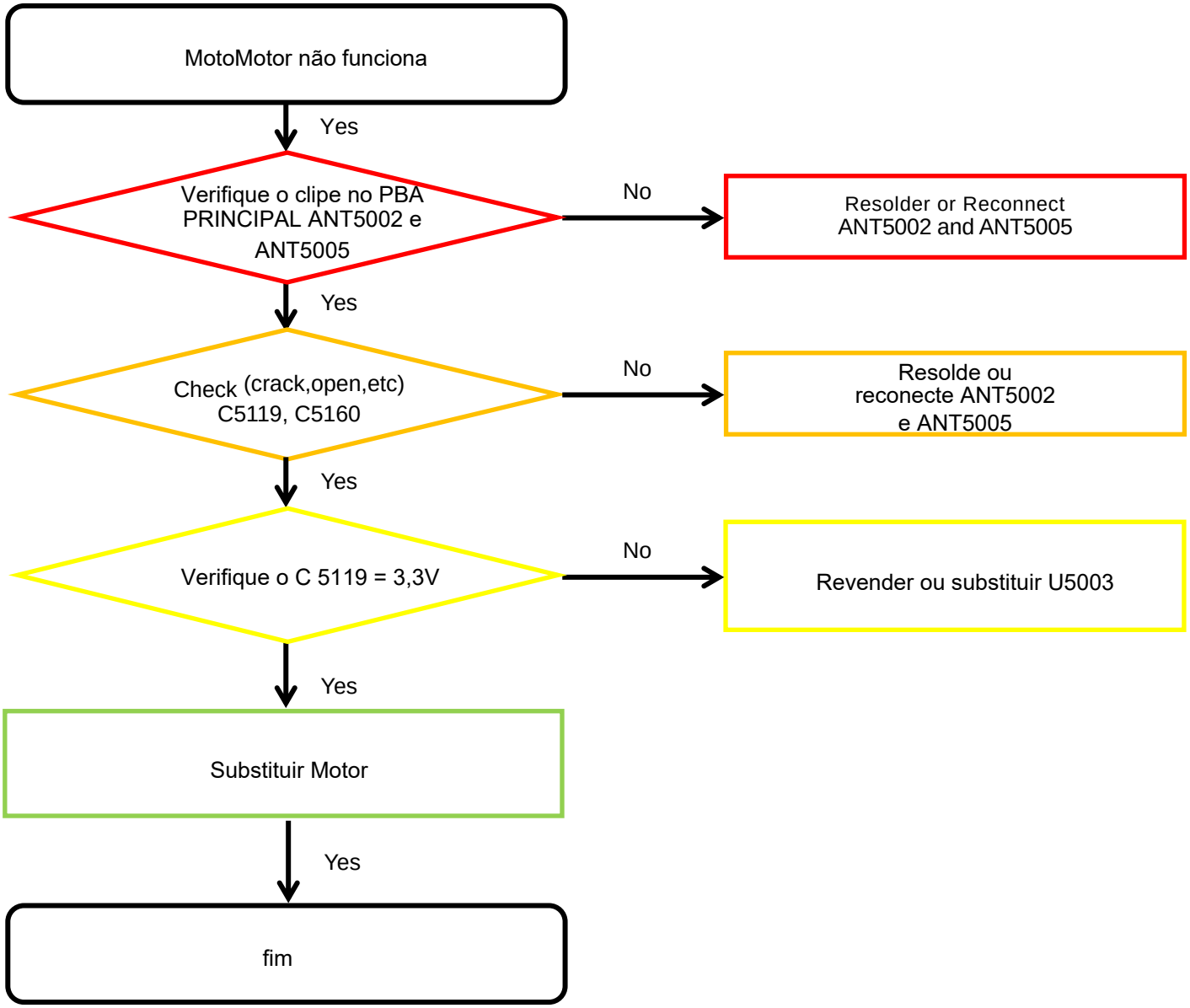
8-4-16. Motor



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