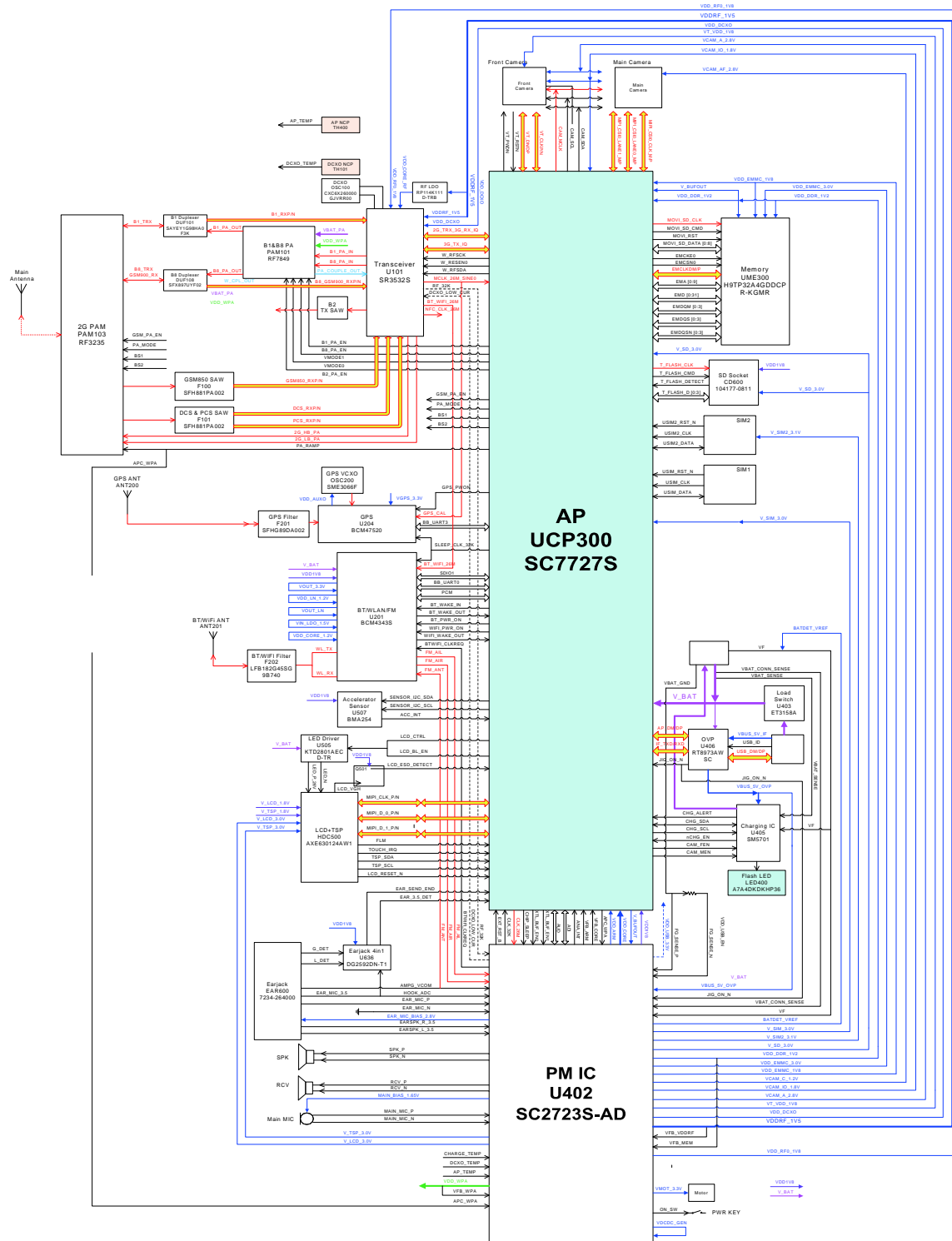


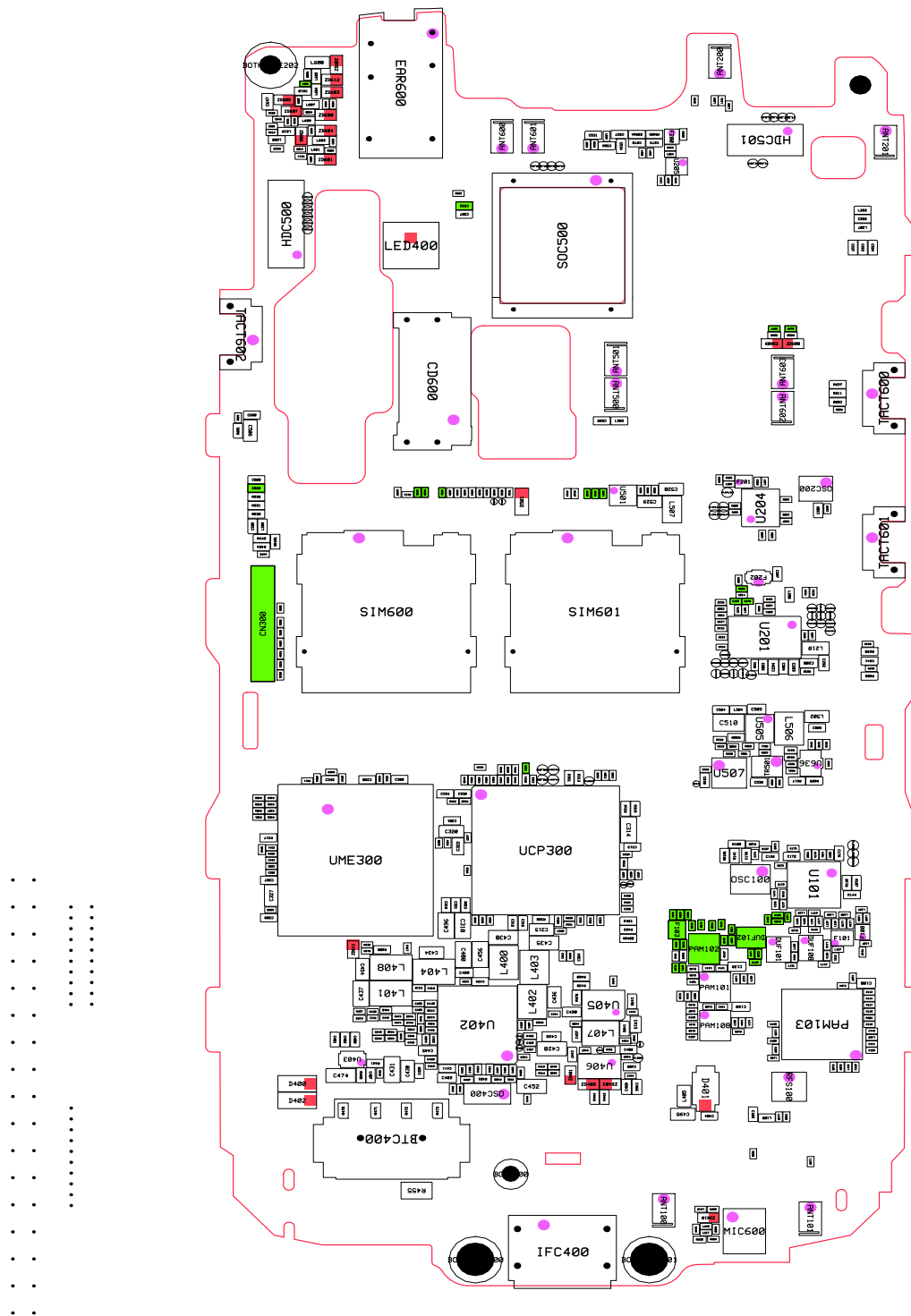
8. Level 3 Repair (VIETMOBILE.VN)

8-1. Block Diagram

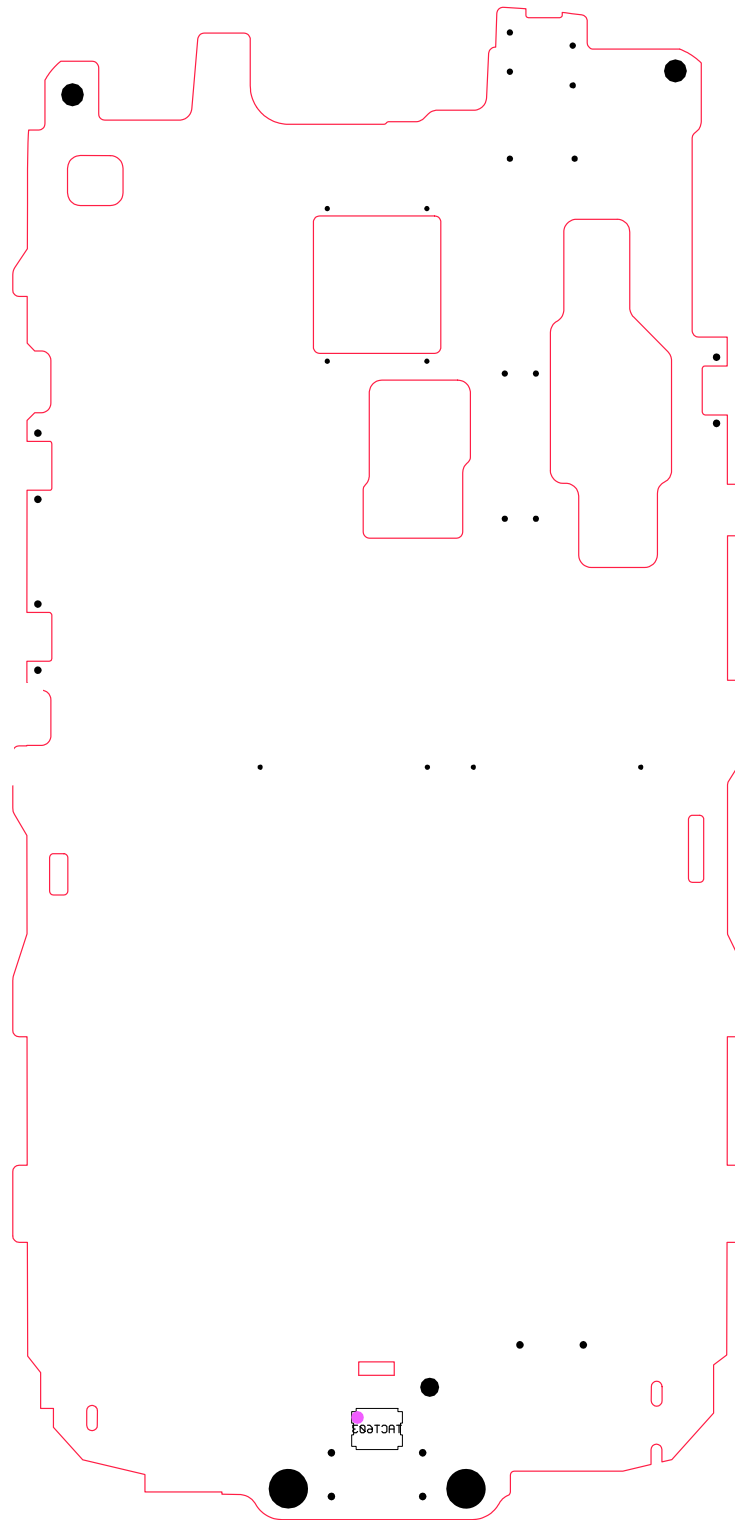


8-2. PCB Diagrams

8-2-1. Top

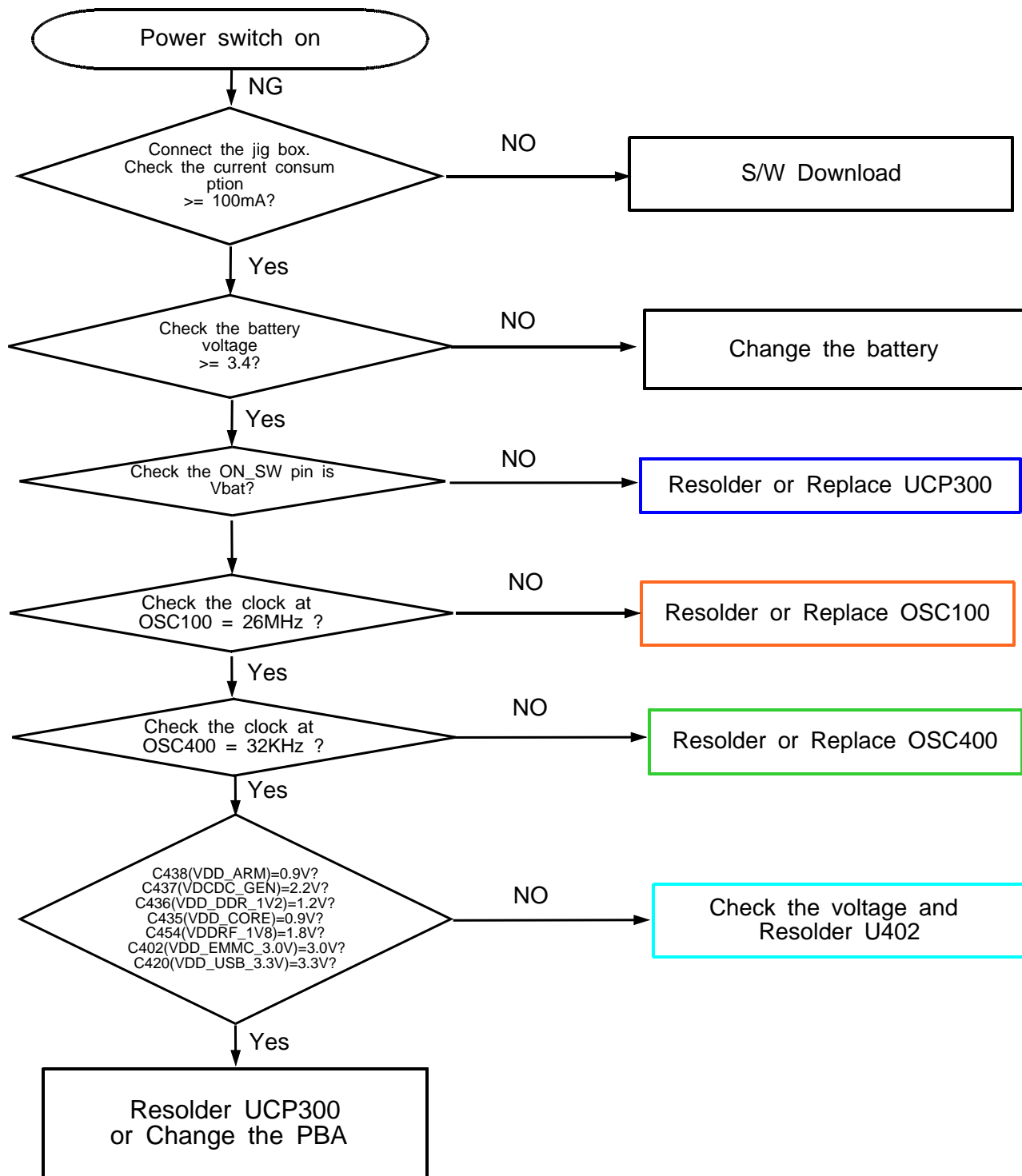


8-2-2. Bottom

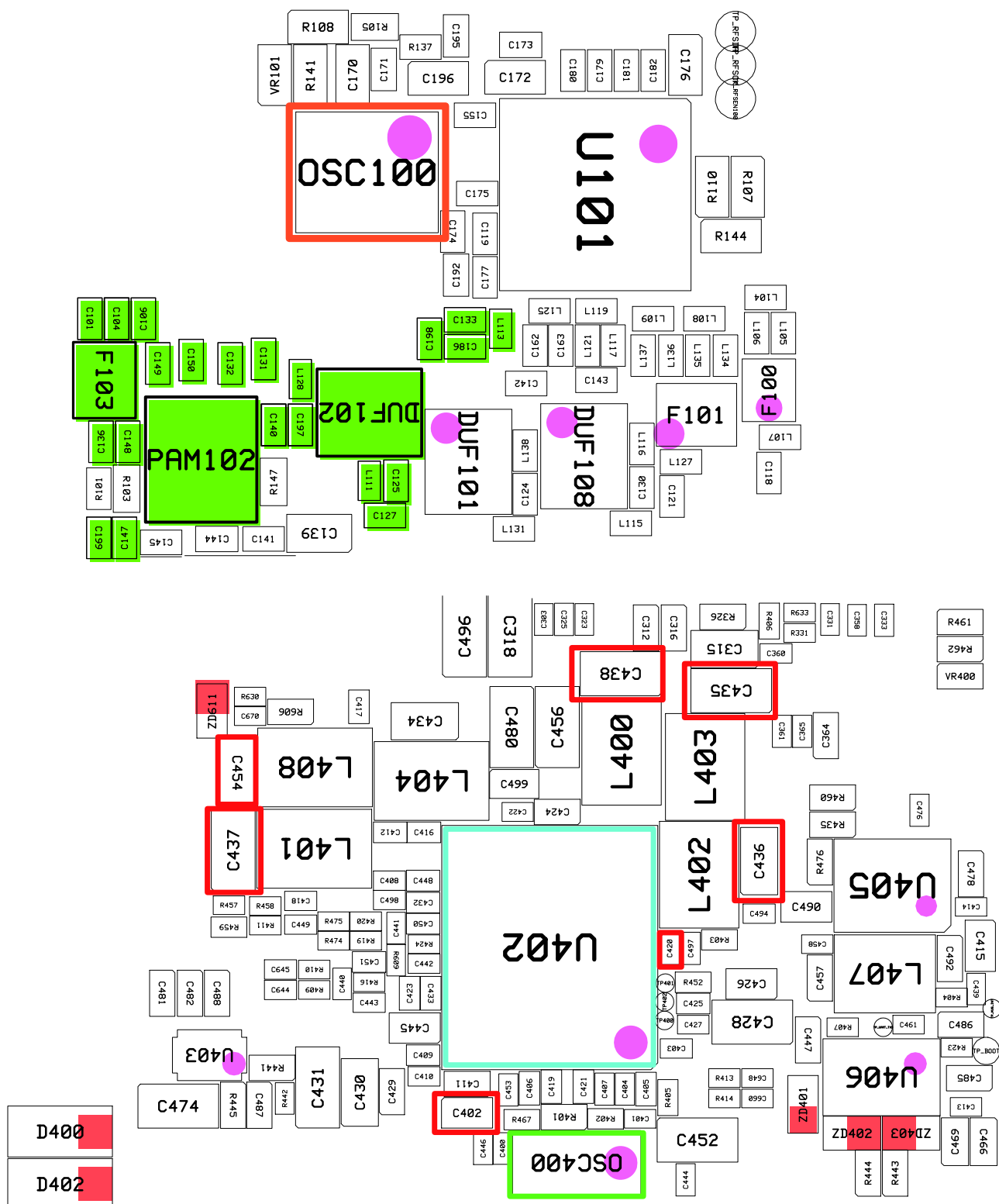


8-3. LOGIC

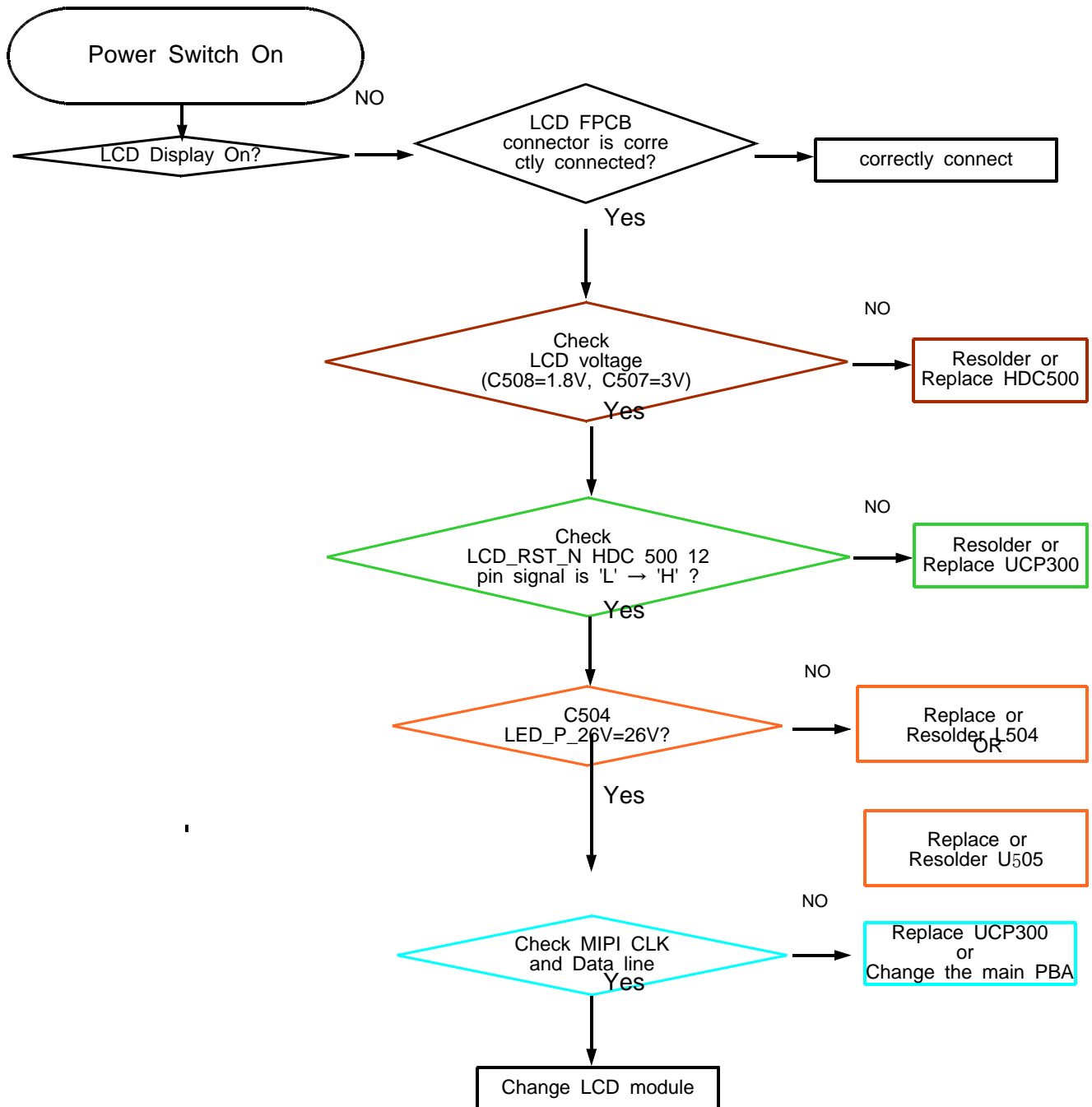
8-3-1. Power On

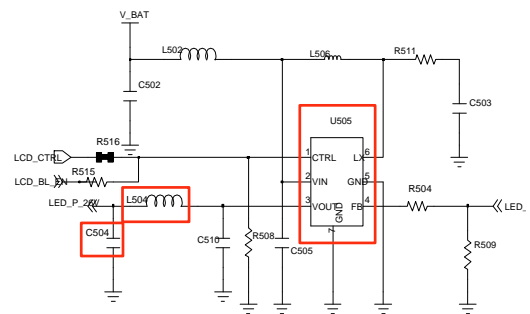




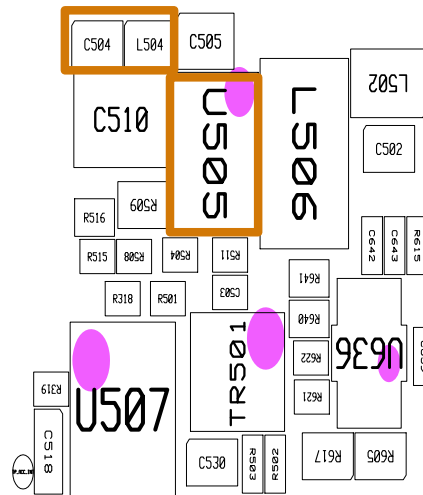


8-3-2. LCD Working

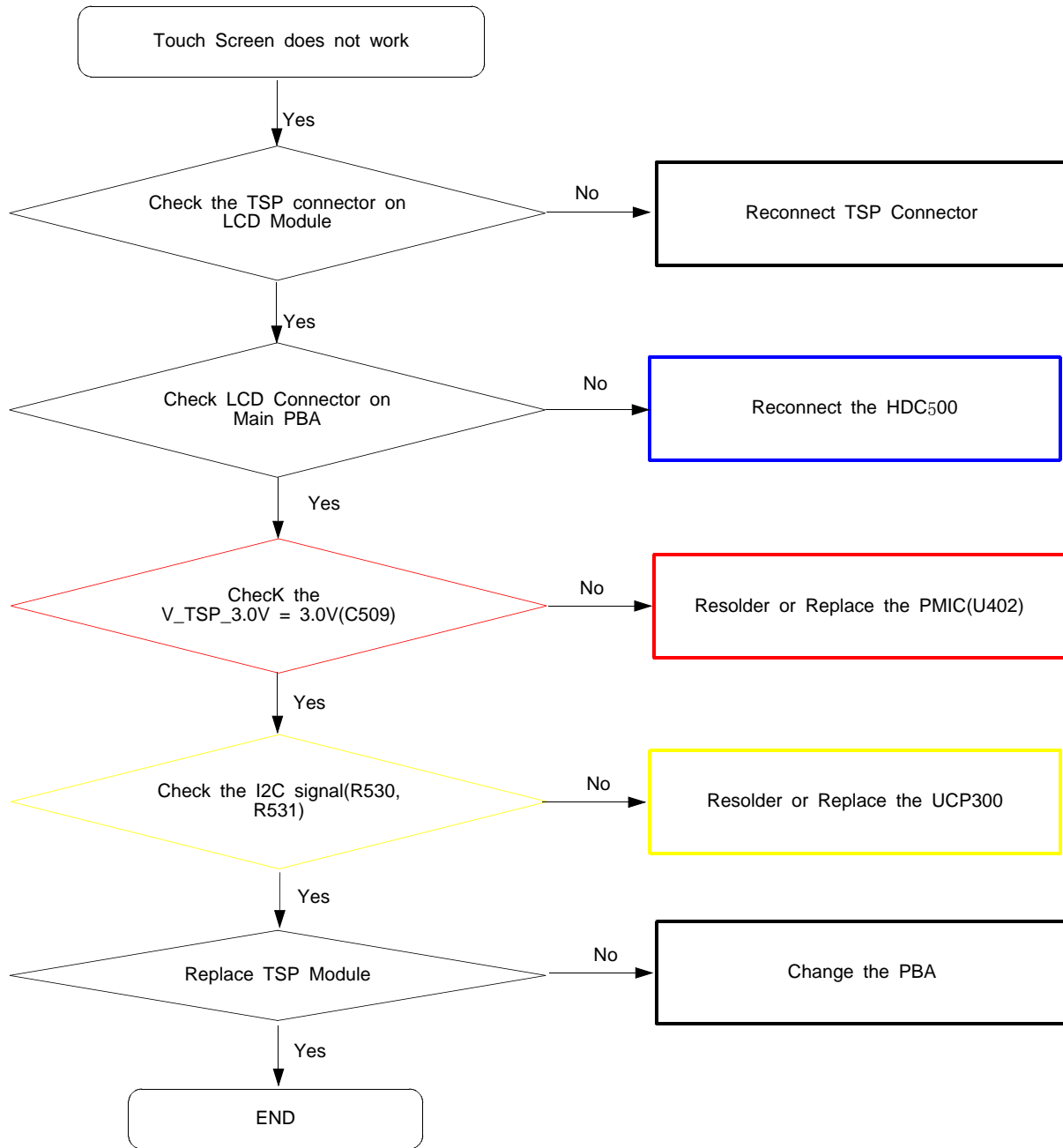


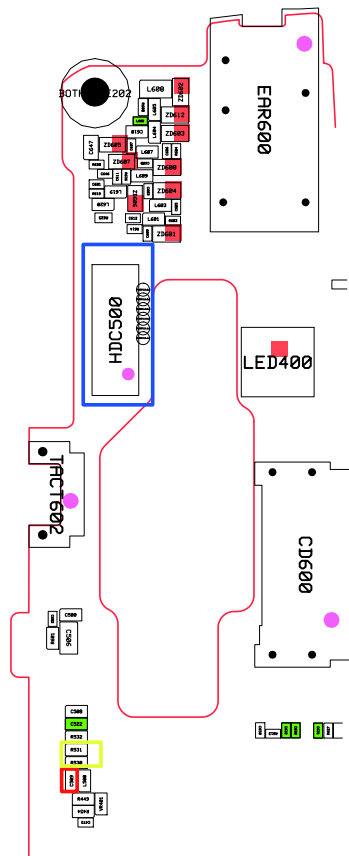
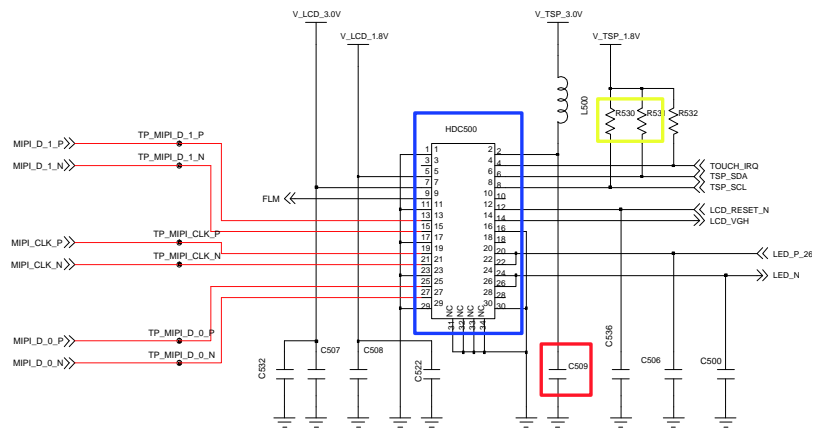


LCD_LED DRIVER



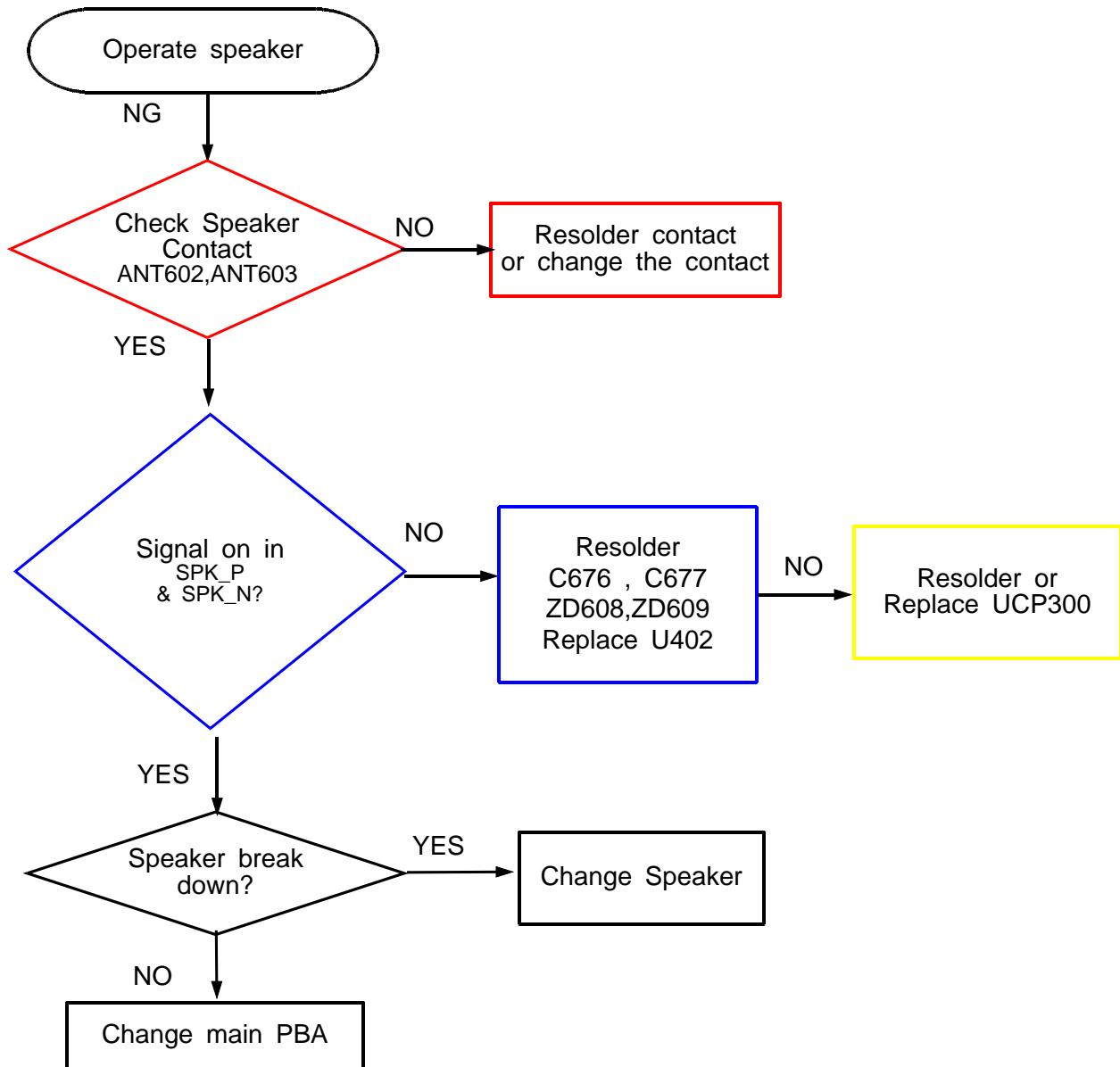
8-3-3. TSP

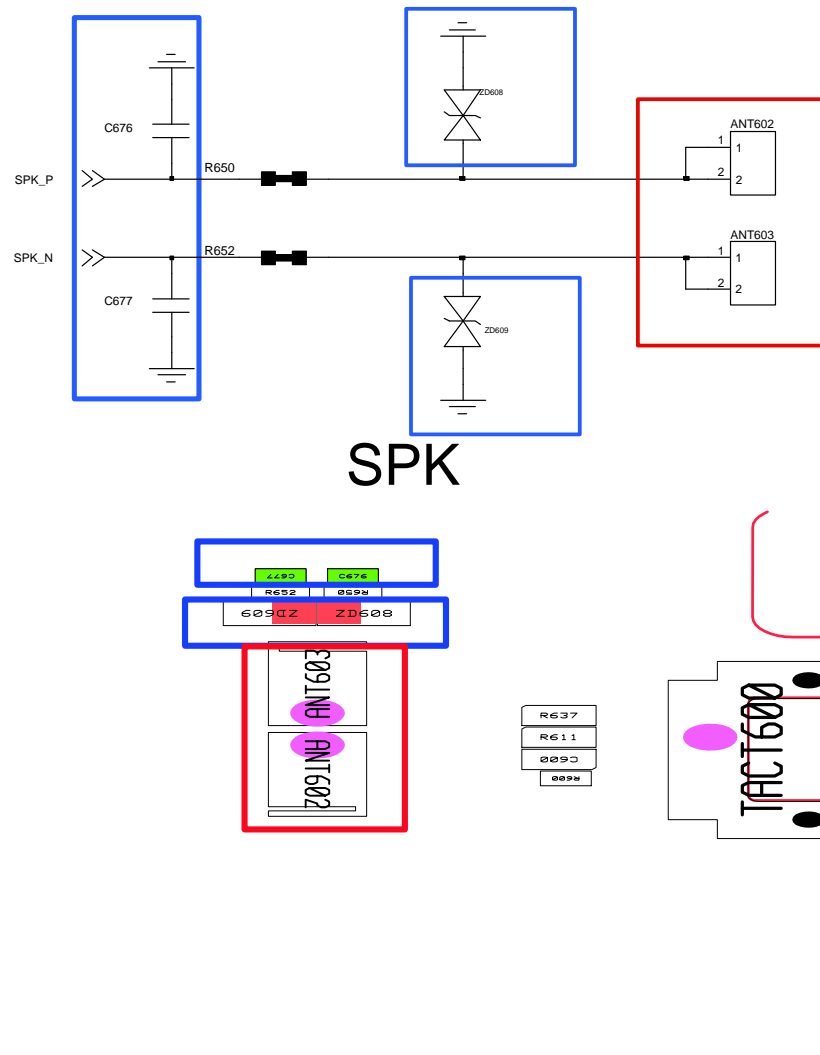




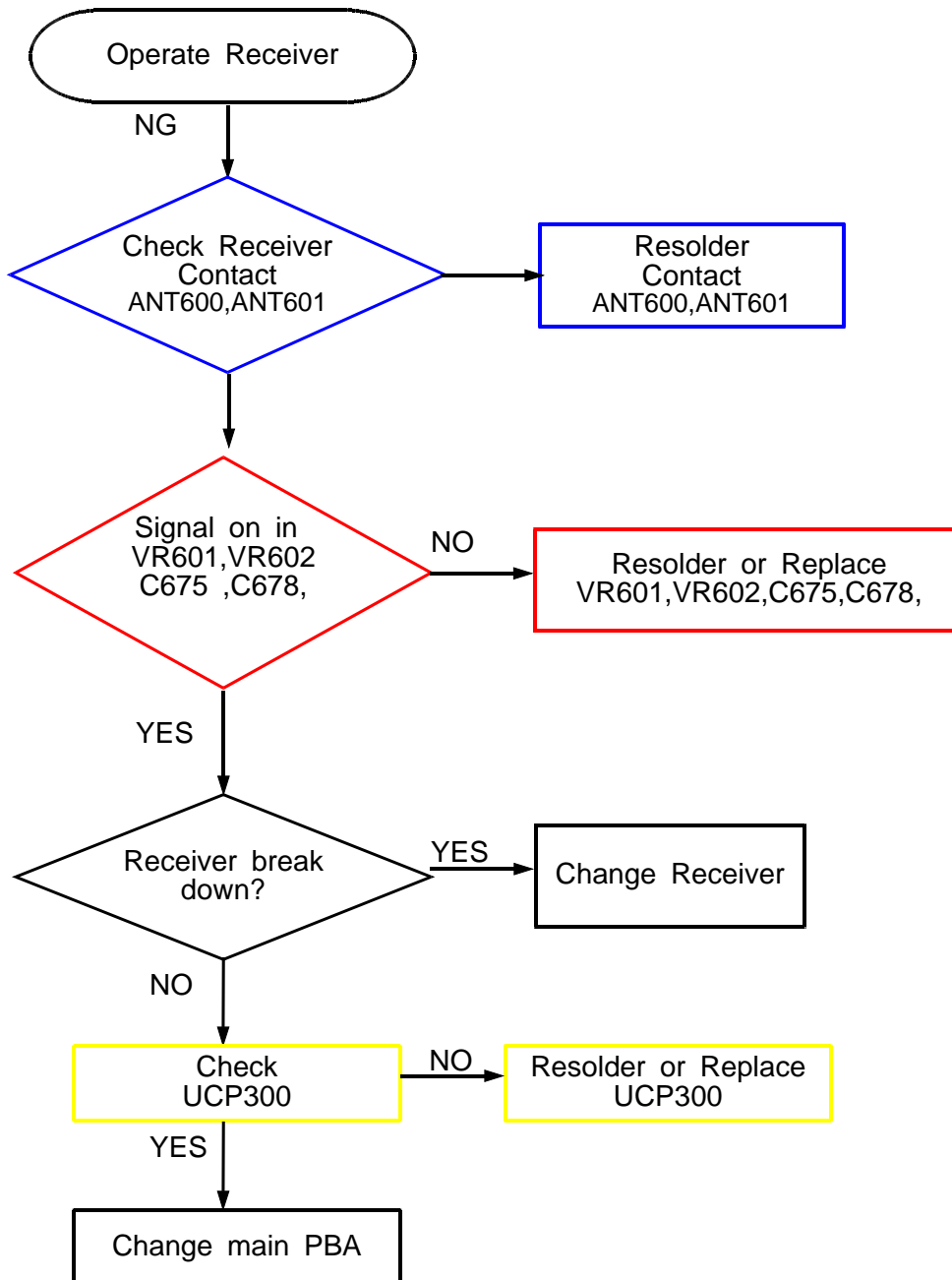
8-3-4. Audio Working

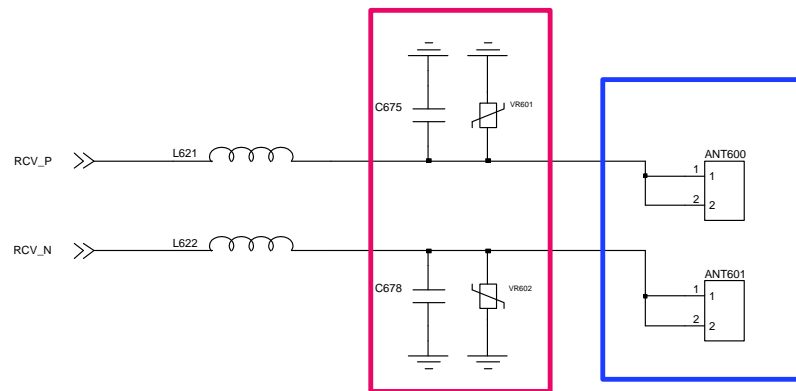
- Speaker Working



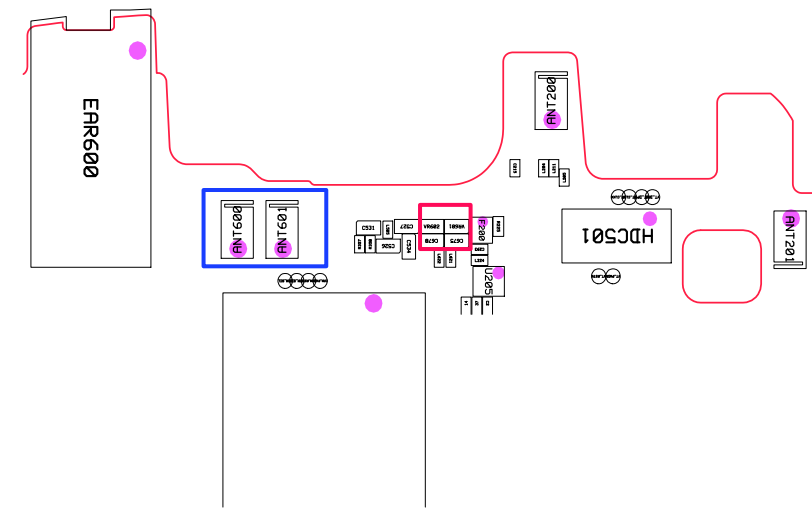


- Receiver Working

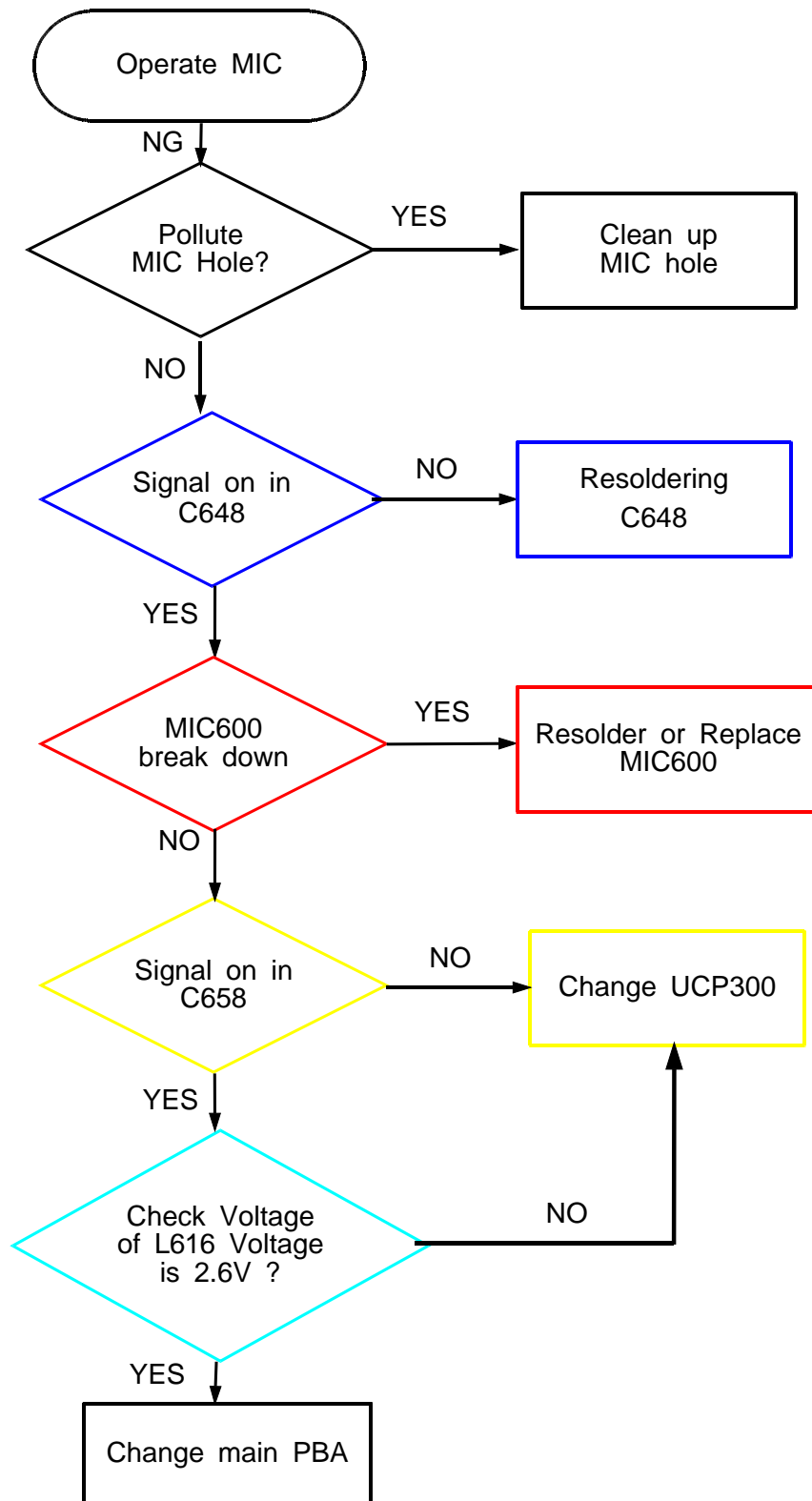




RCV

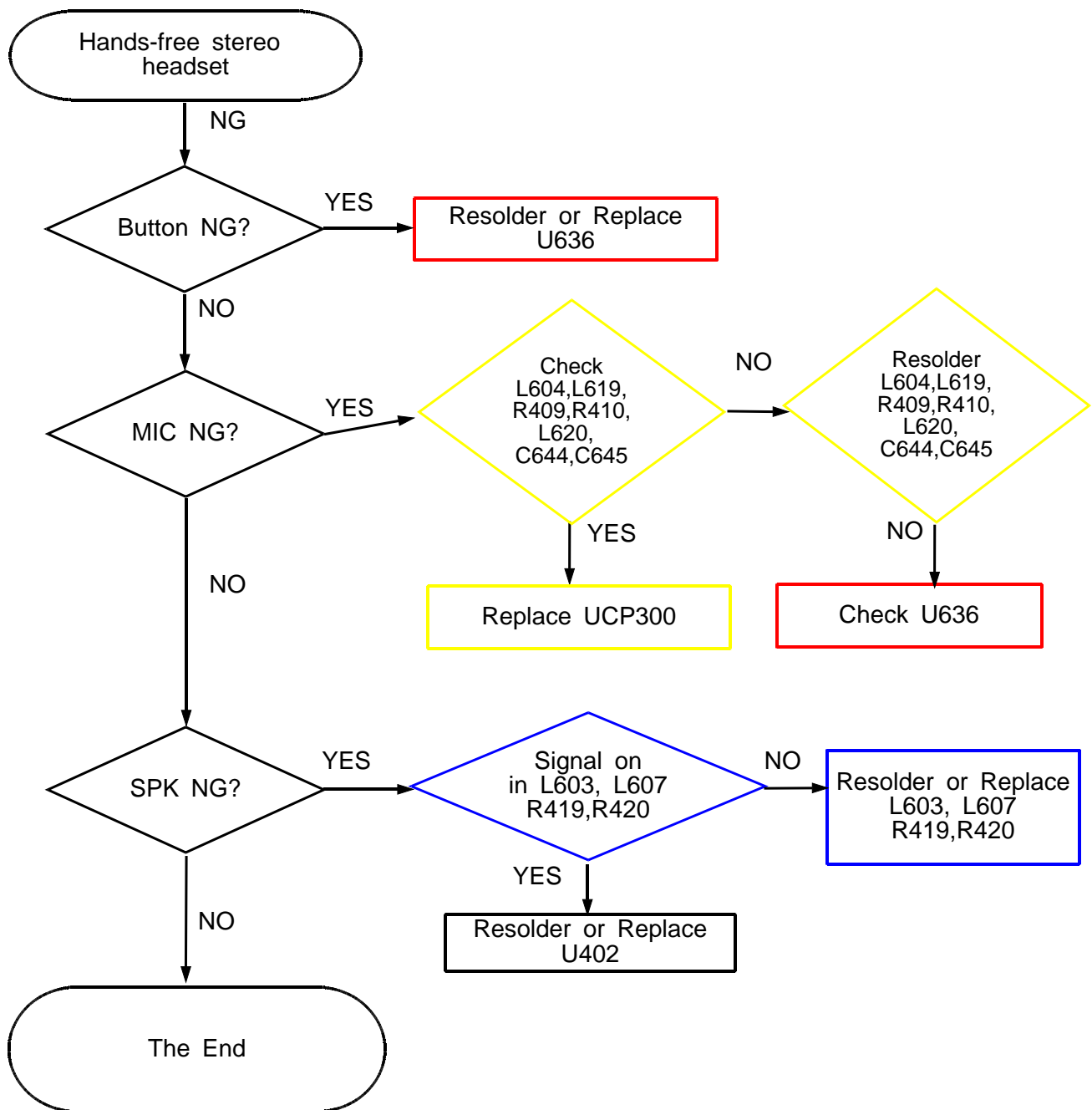


● MIC Working





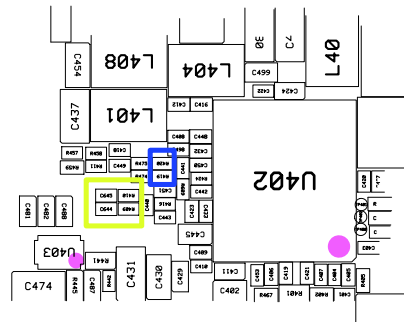
■ Stereo Headset Working



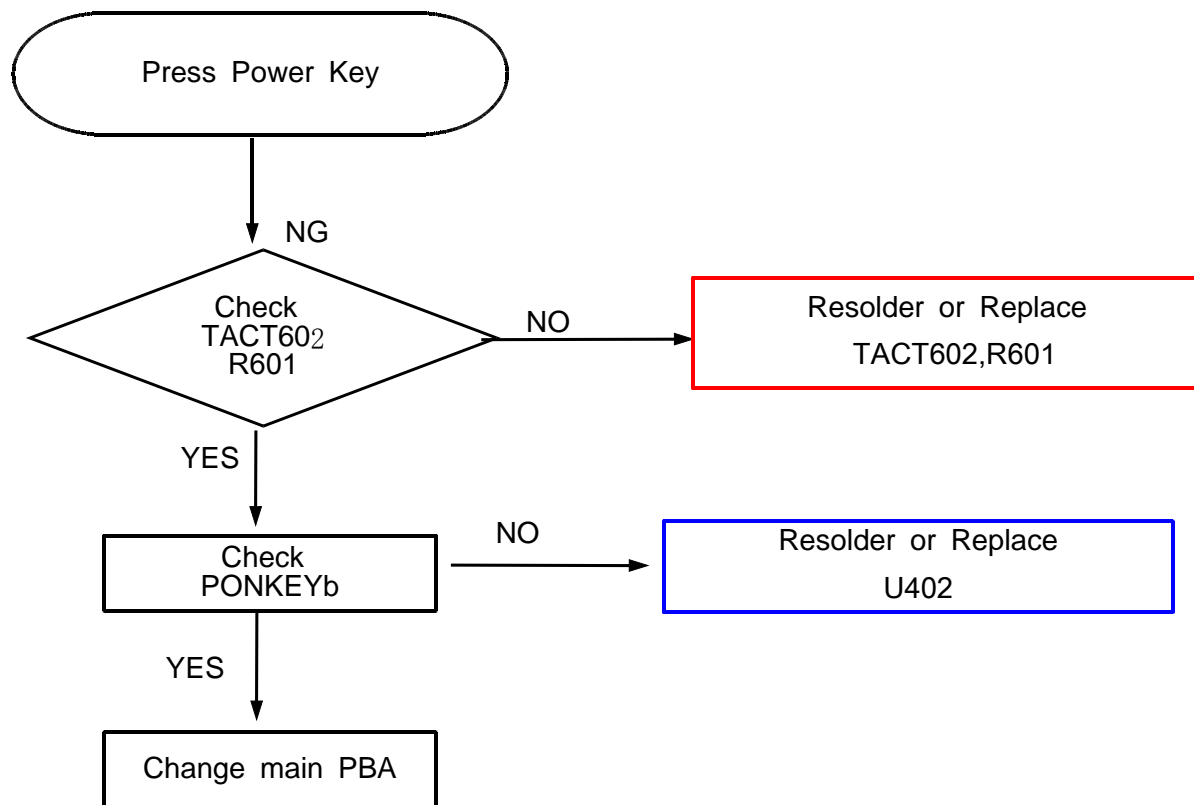


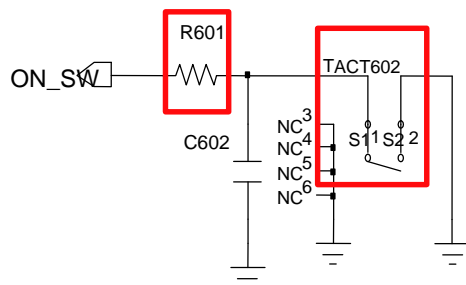
EAR MIC



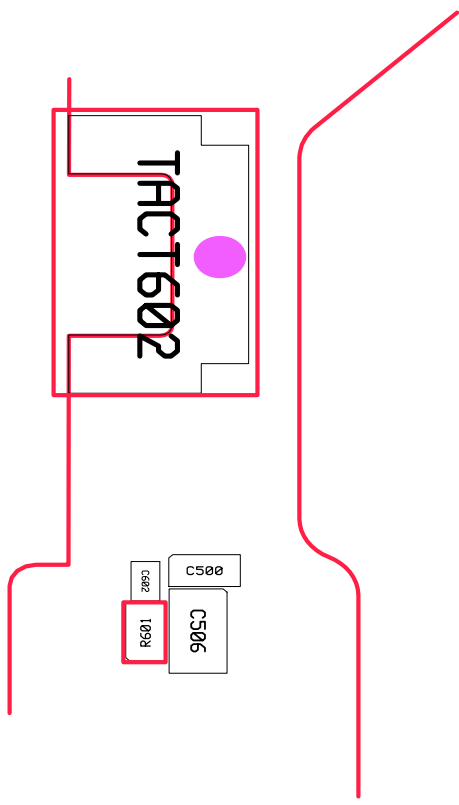


8-3-5. KEY Working

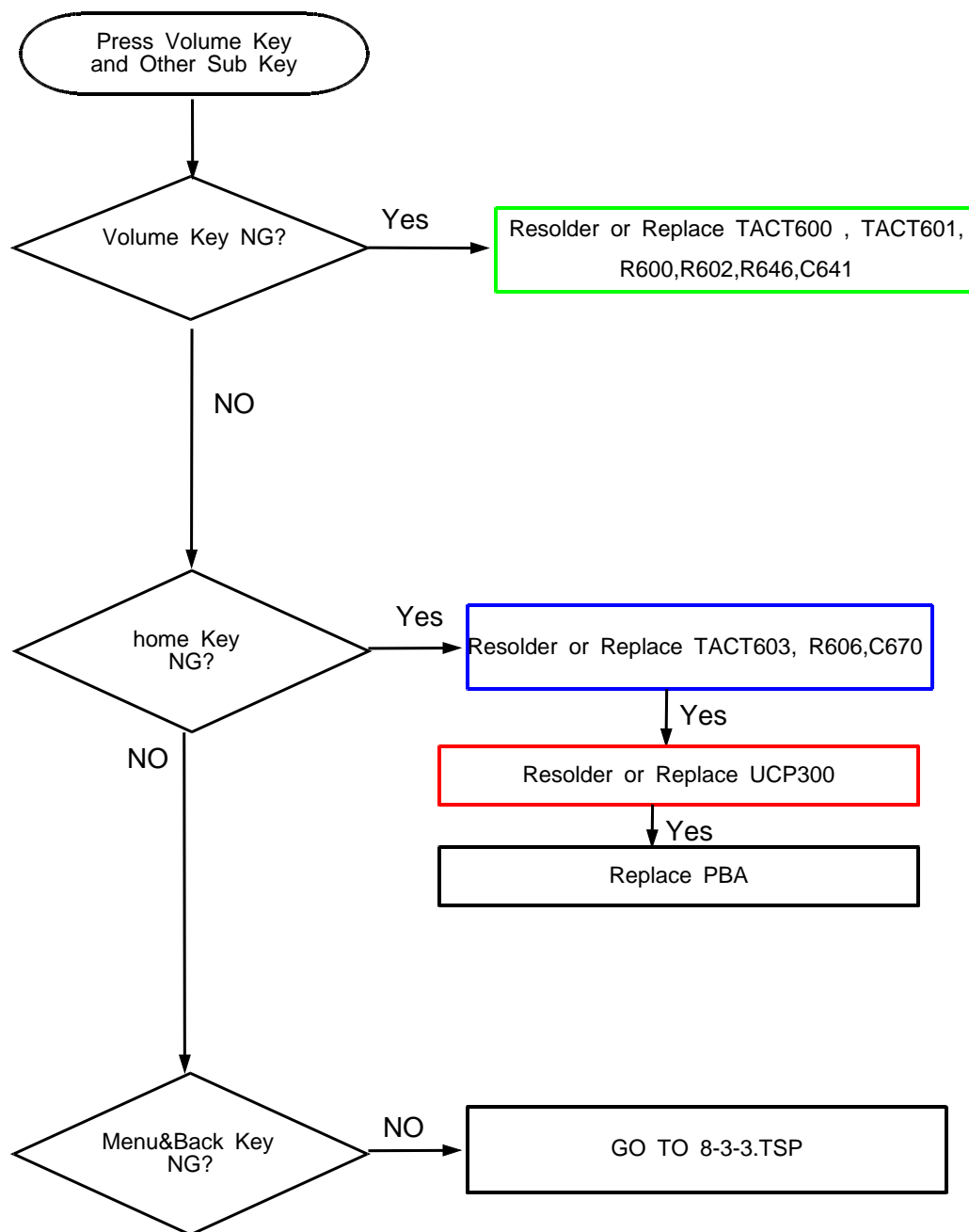
● Power KEY

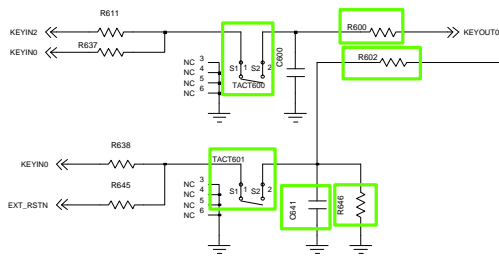


PWR KE

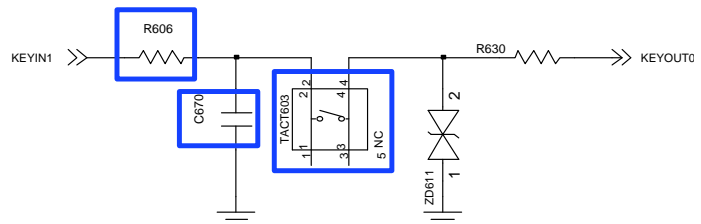


- Volume Key and Other Sub key

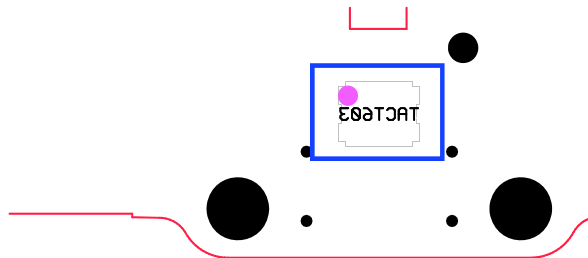
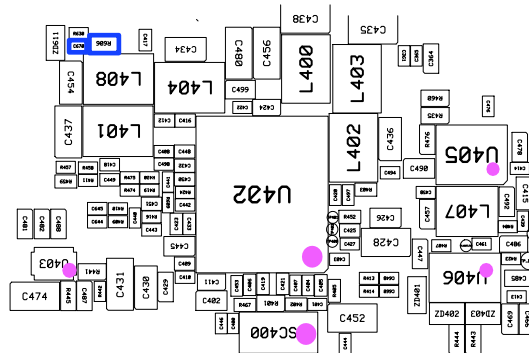
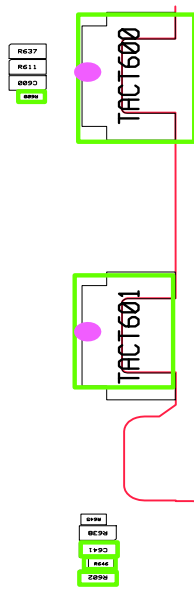




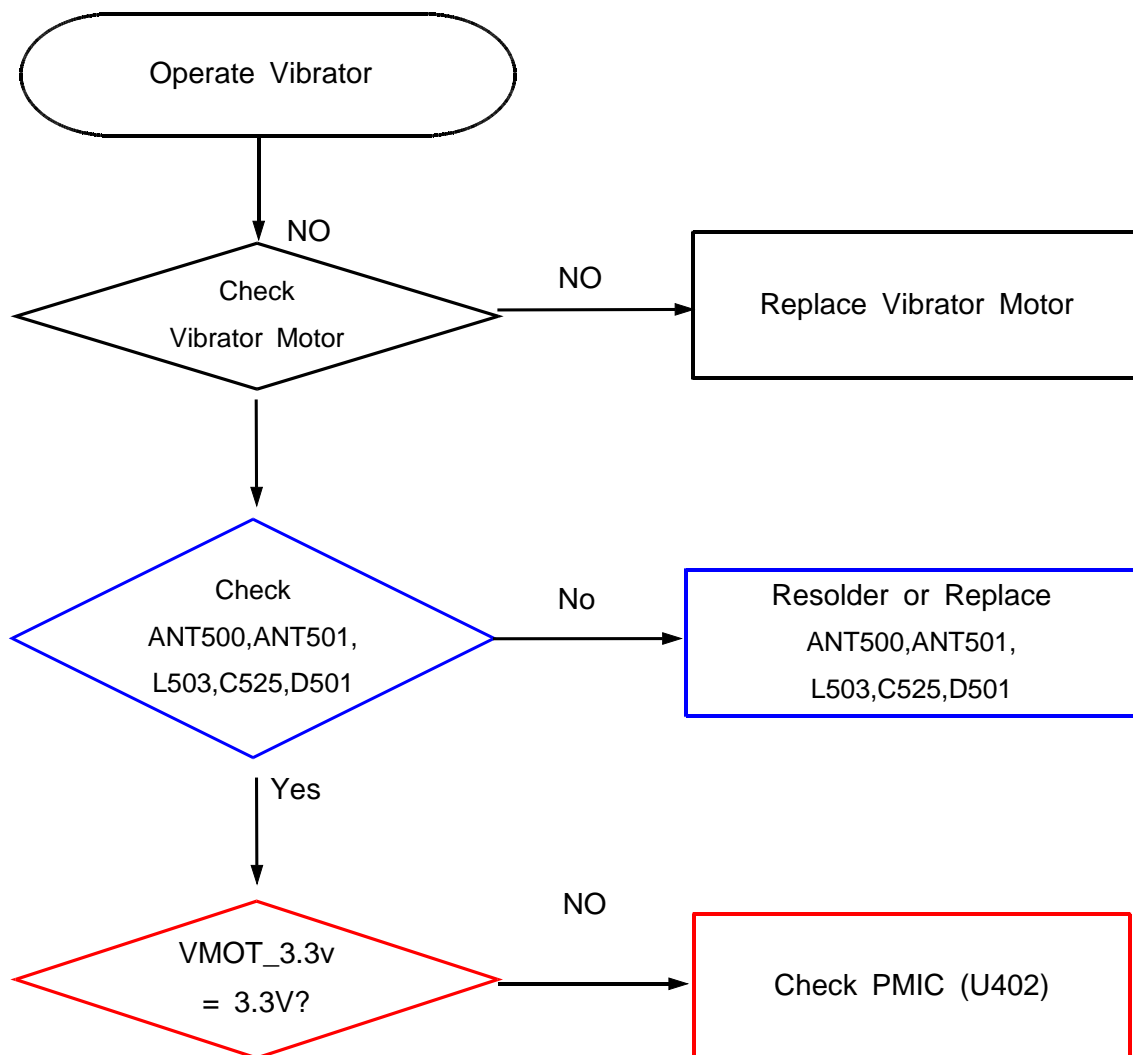
VOL KEY

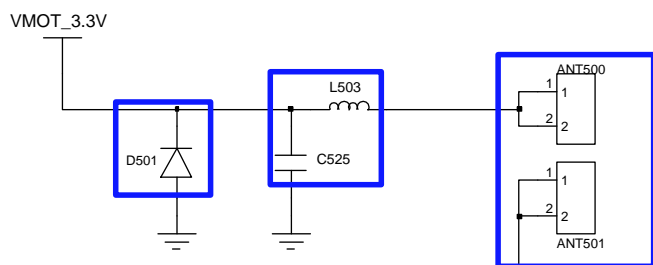


HOME KEY

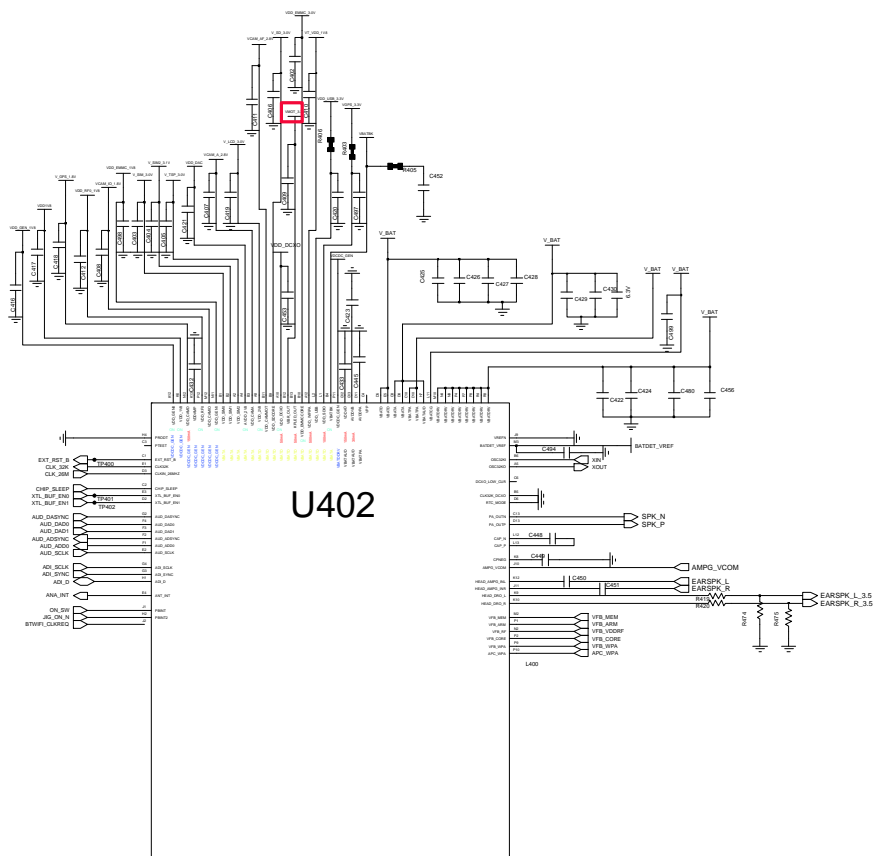


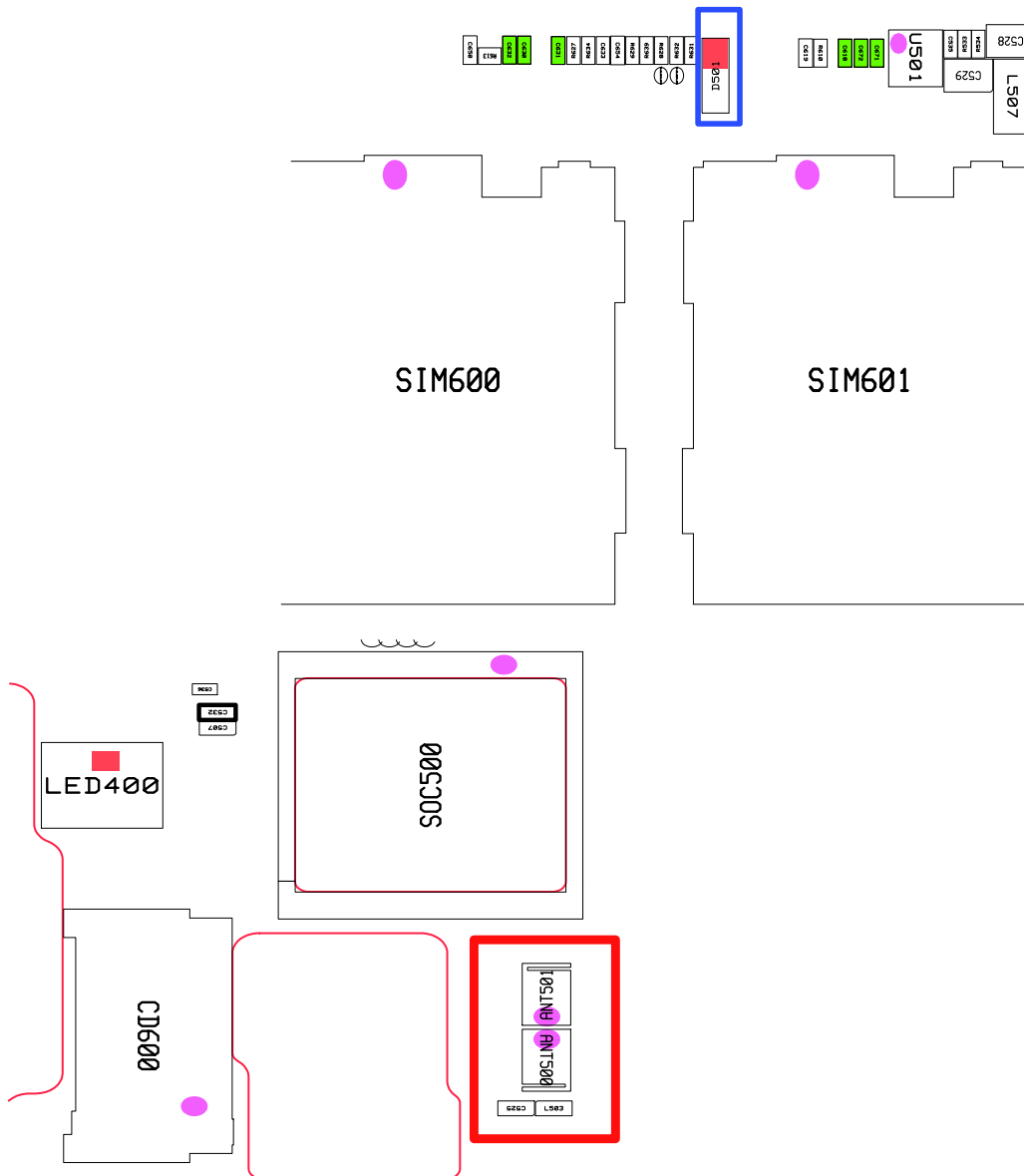
83-6. Vibrator Working



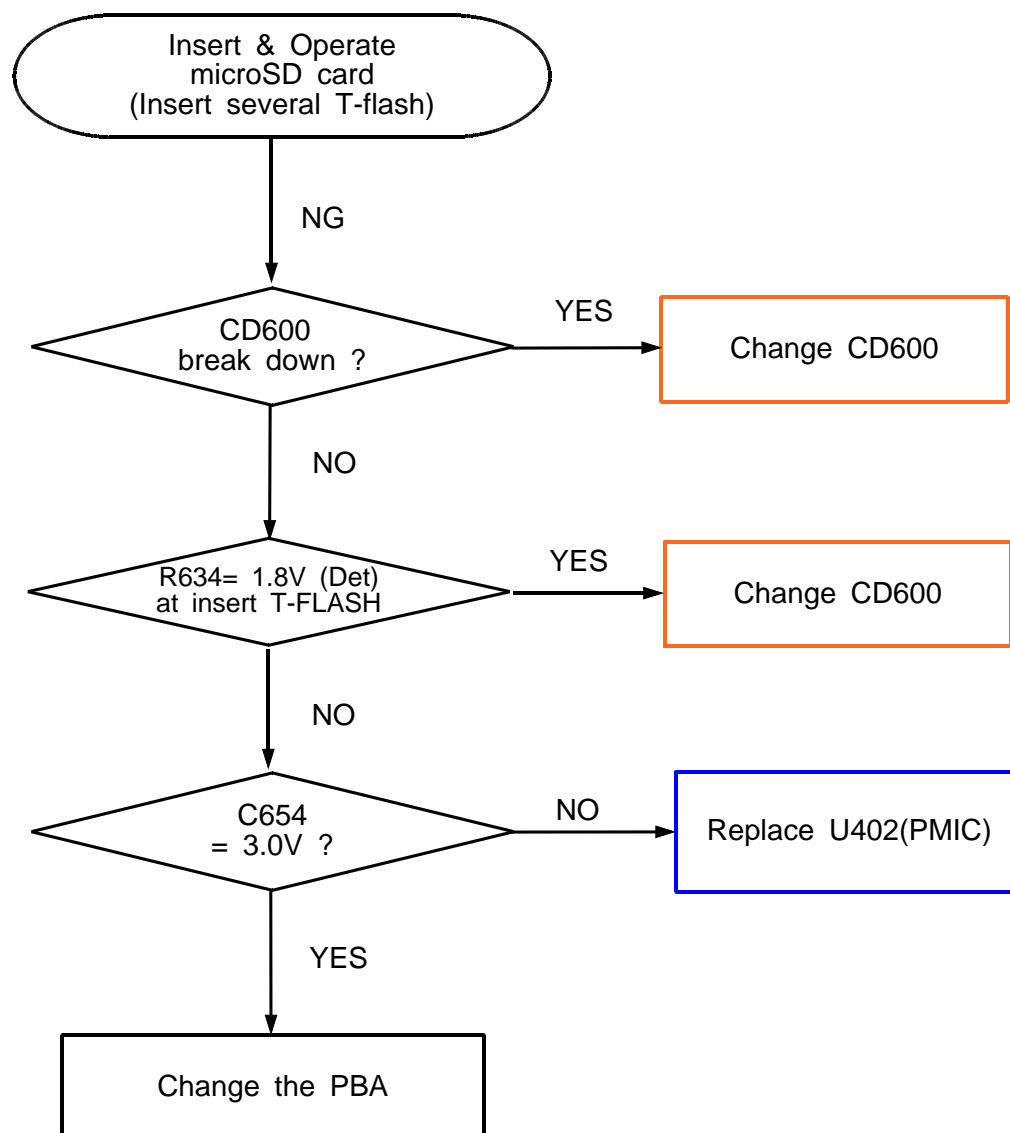


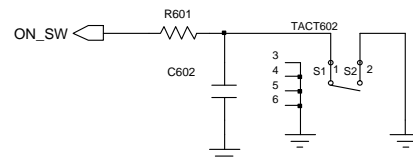
Motor



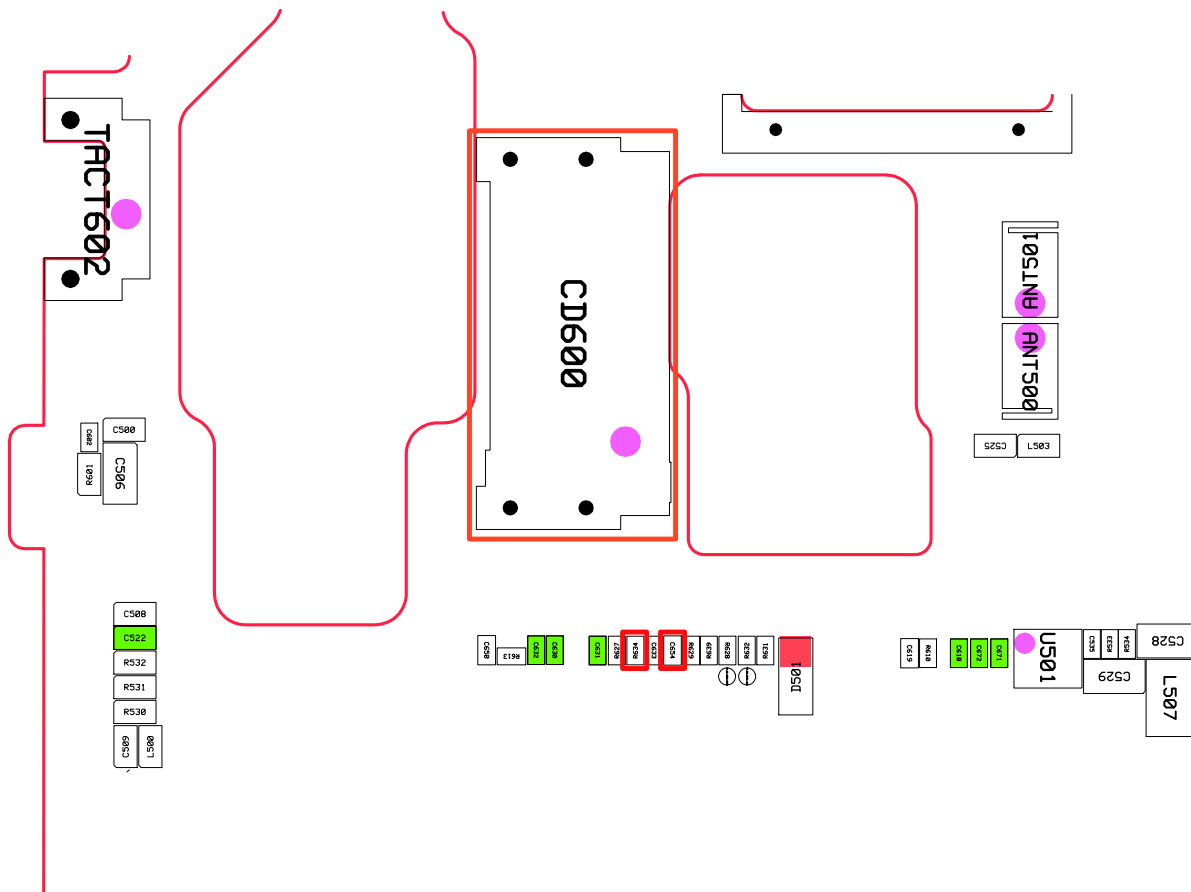


8-3-7. T-Flash Card Working

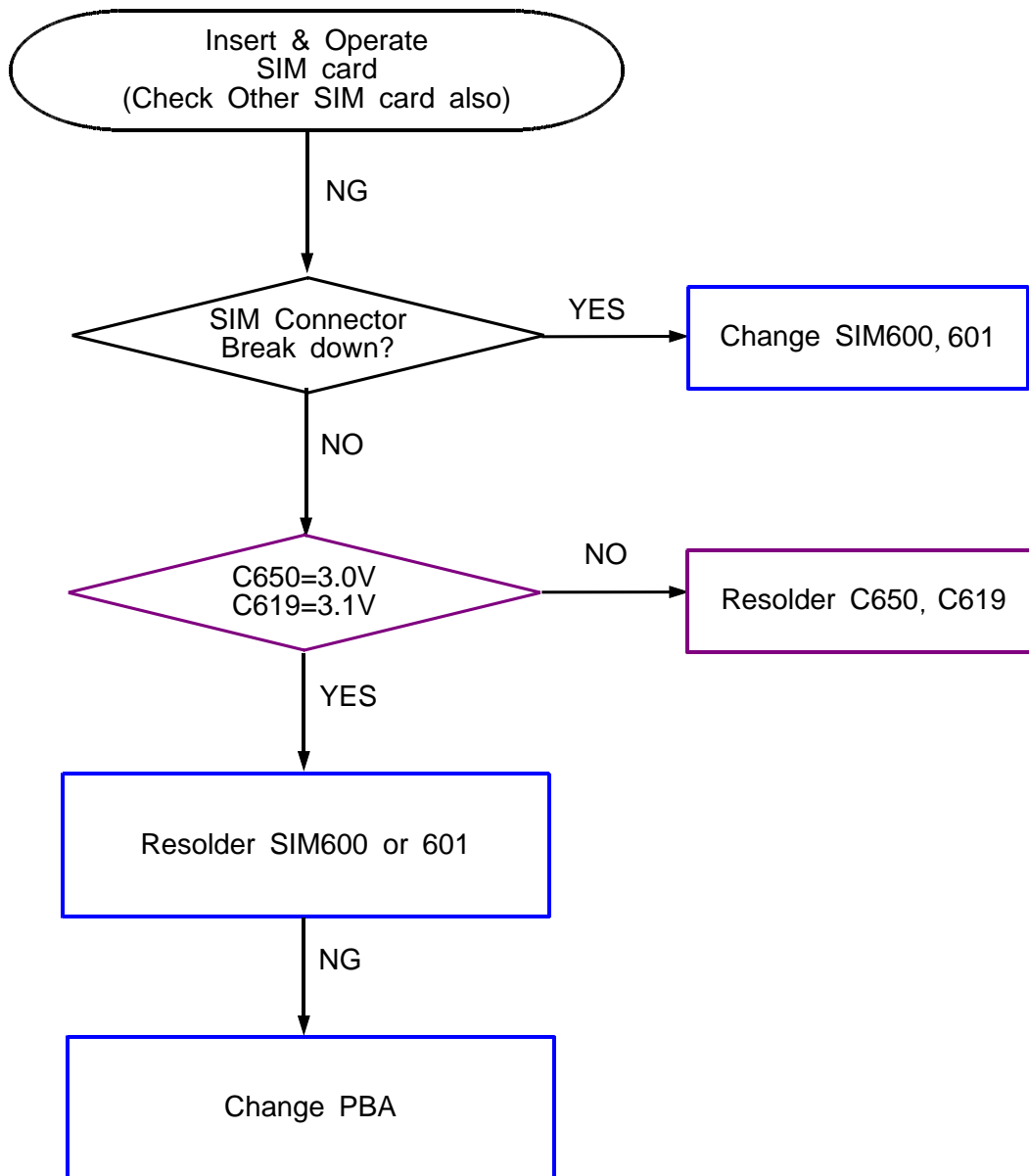




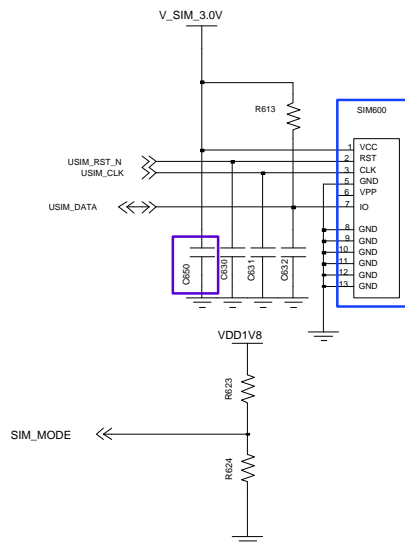
PWR KEY



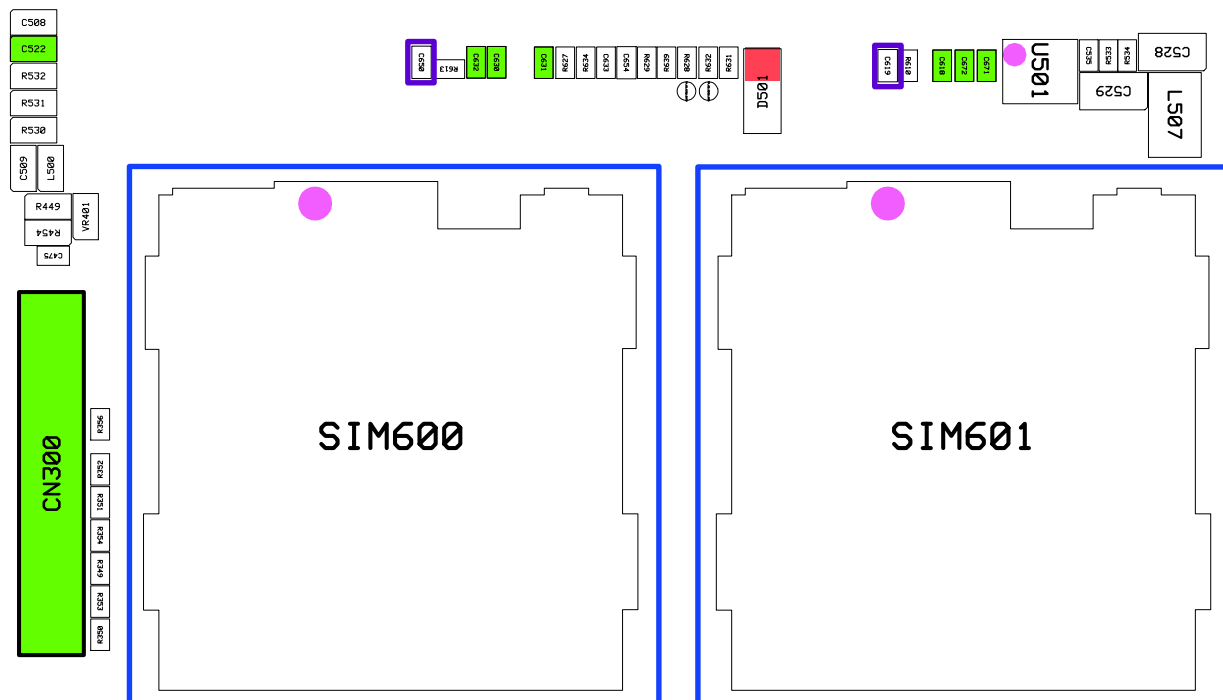
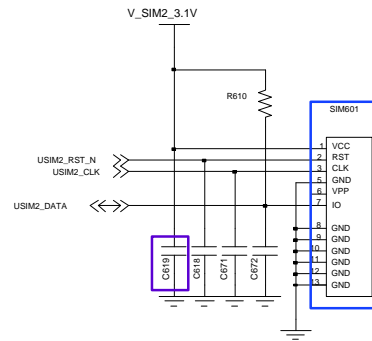
8-3-8. SIM Card Working



SIM1 CON

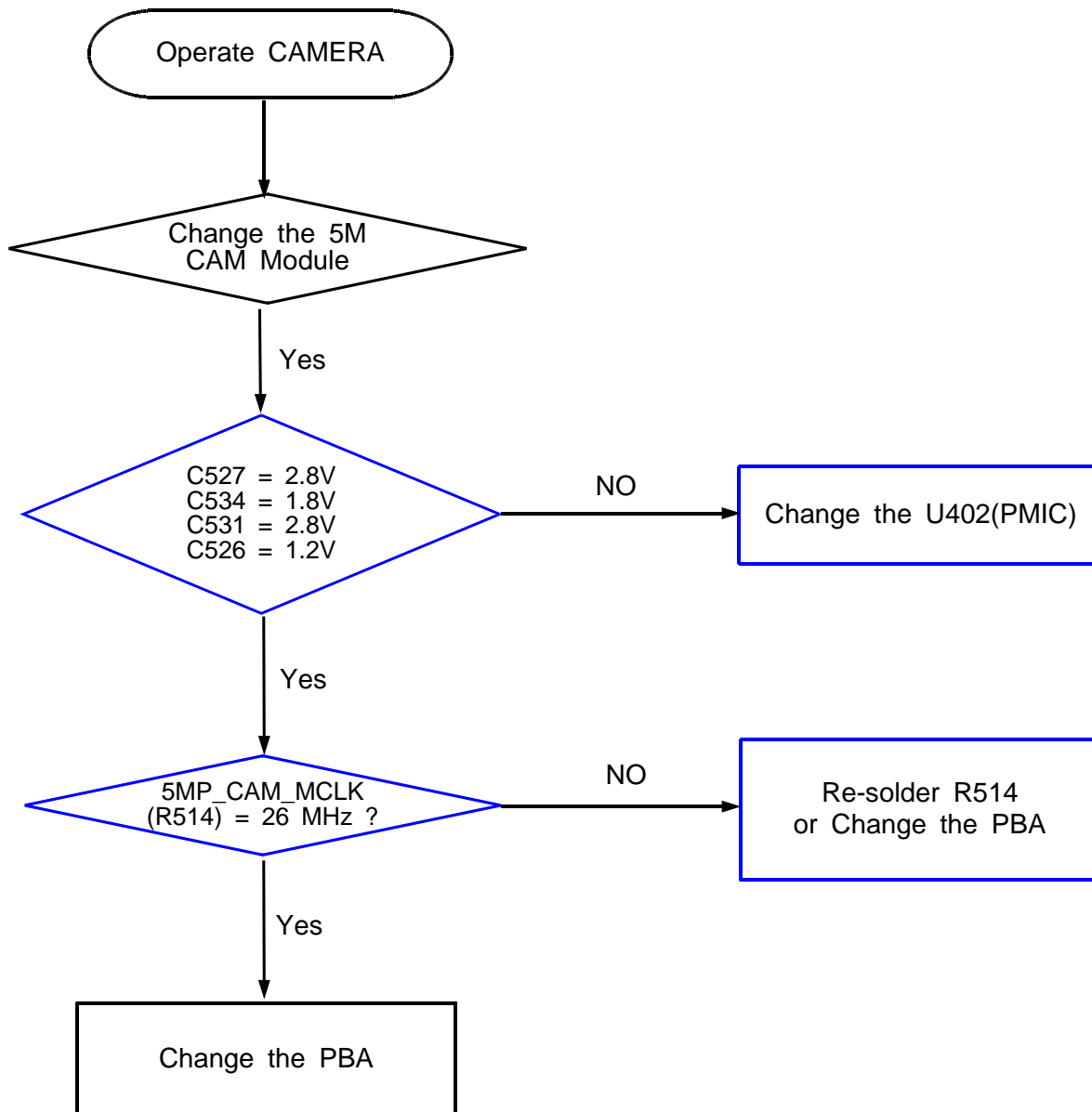


SIM2 CON



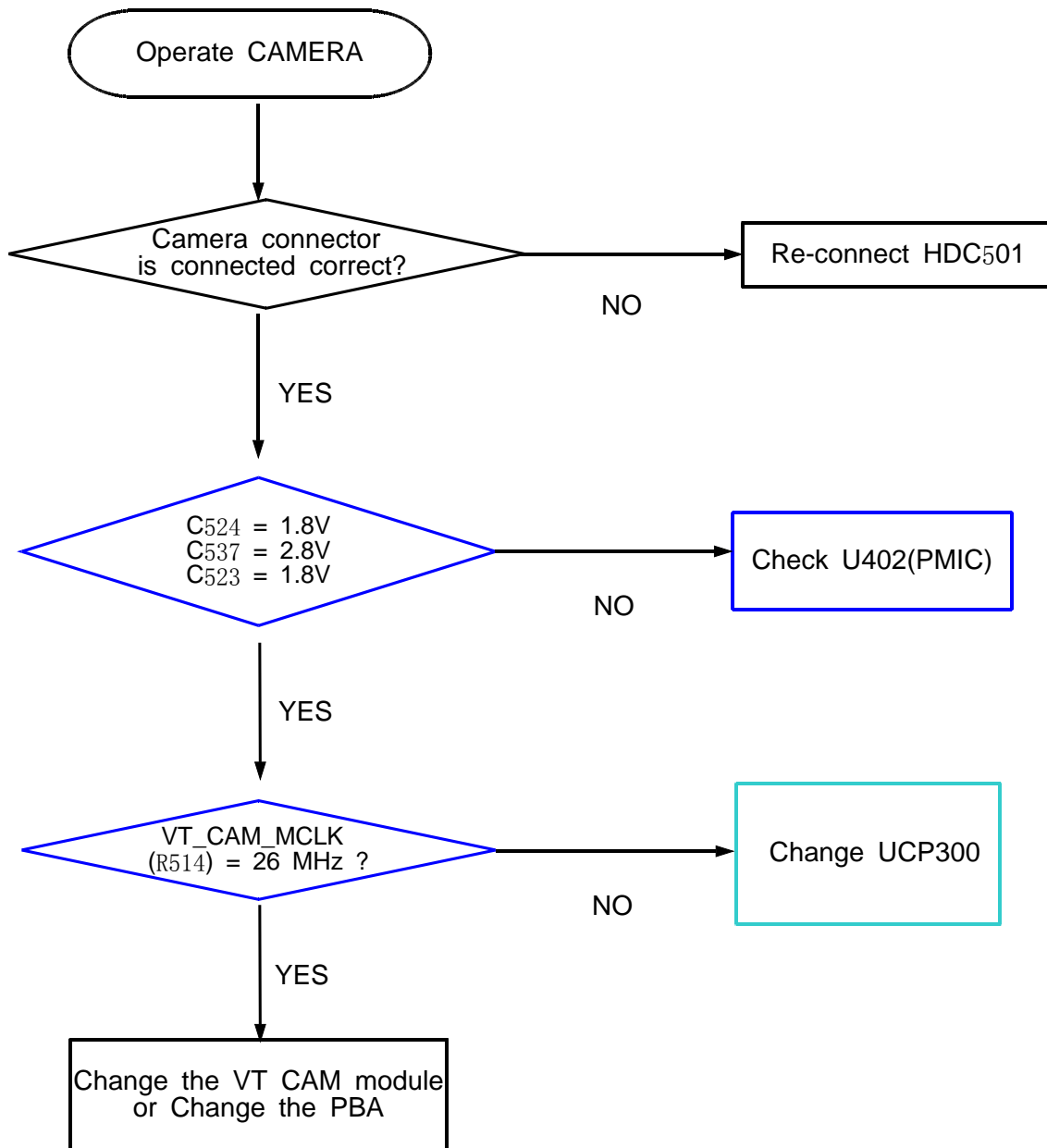
8-3-9 CAMERA Working

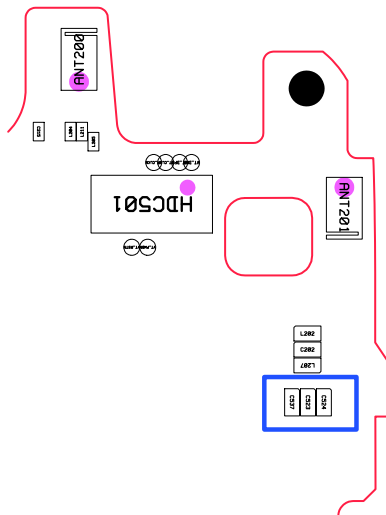
■ 5M CAM



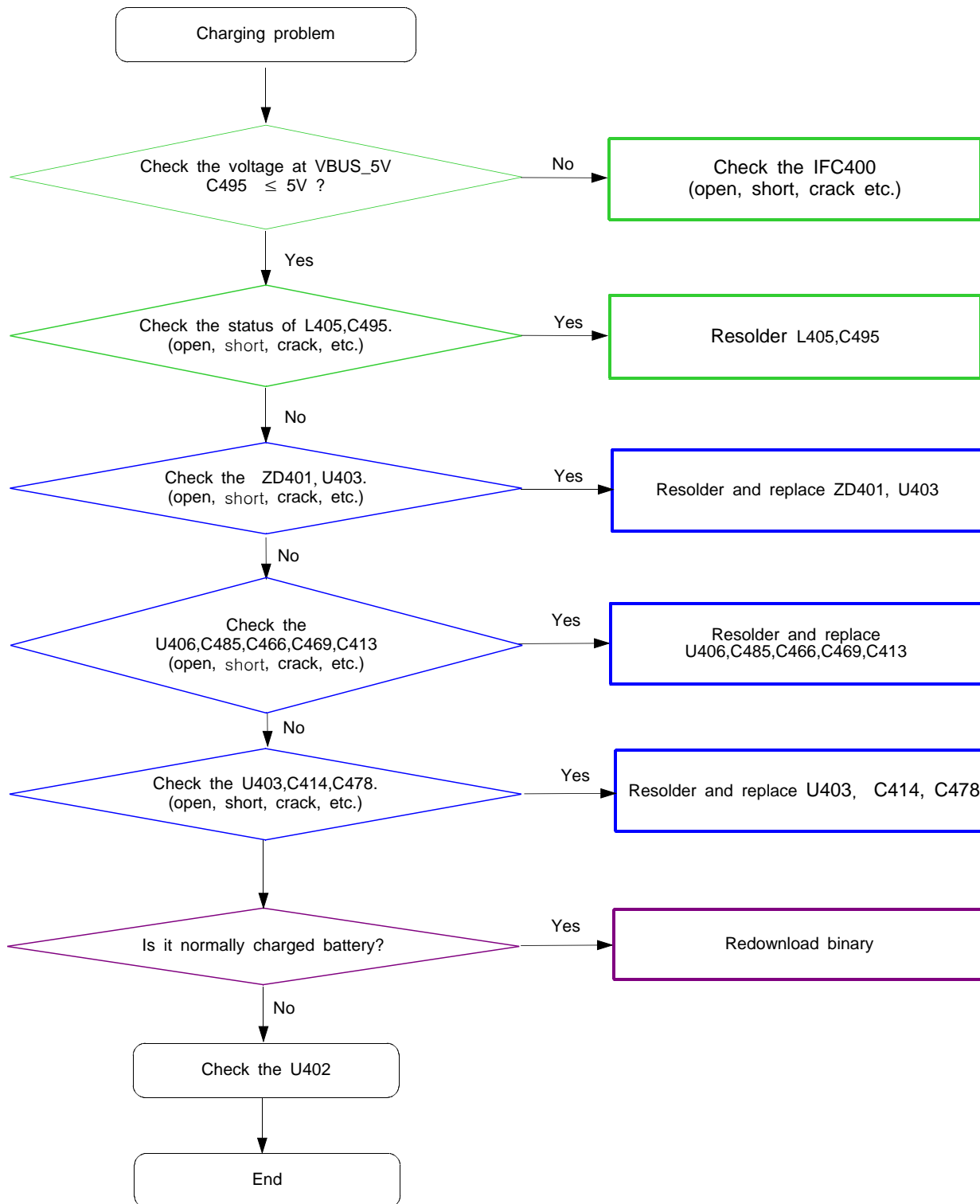


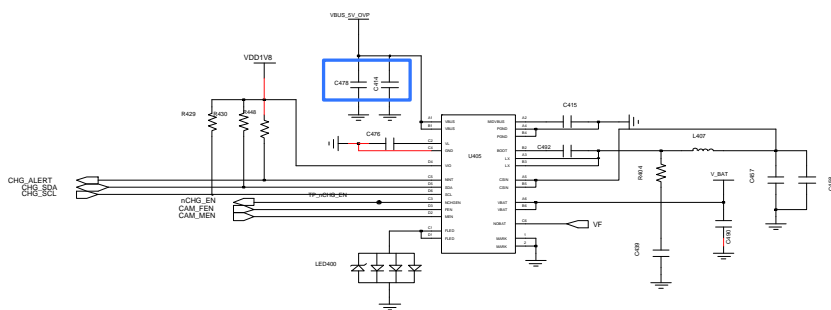
■ VT CAM





8-3-10 Charging Working

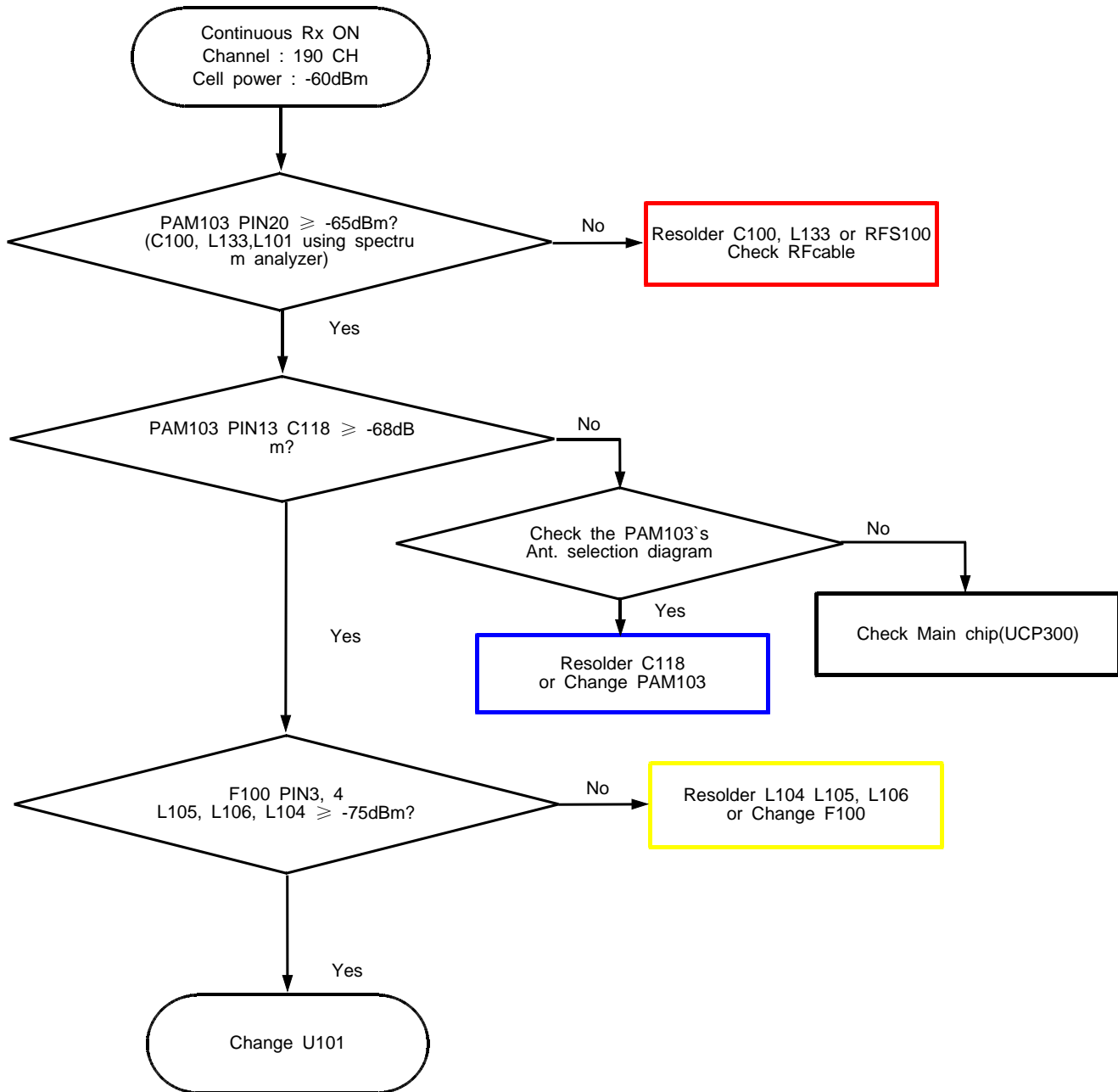


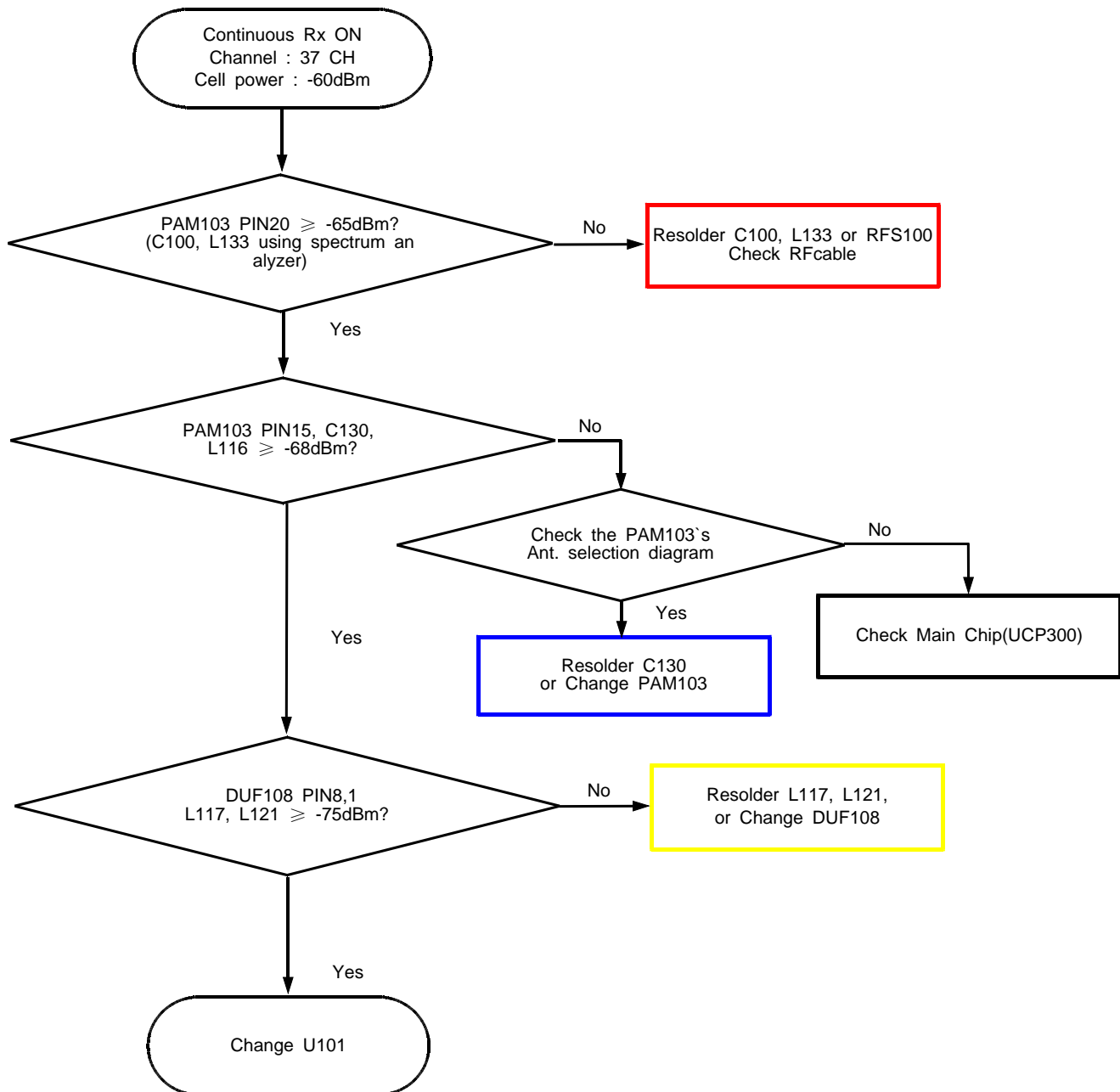


Switching Charger + Cam Flash LED

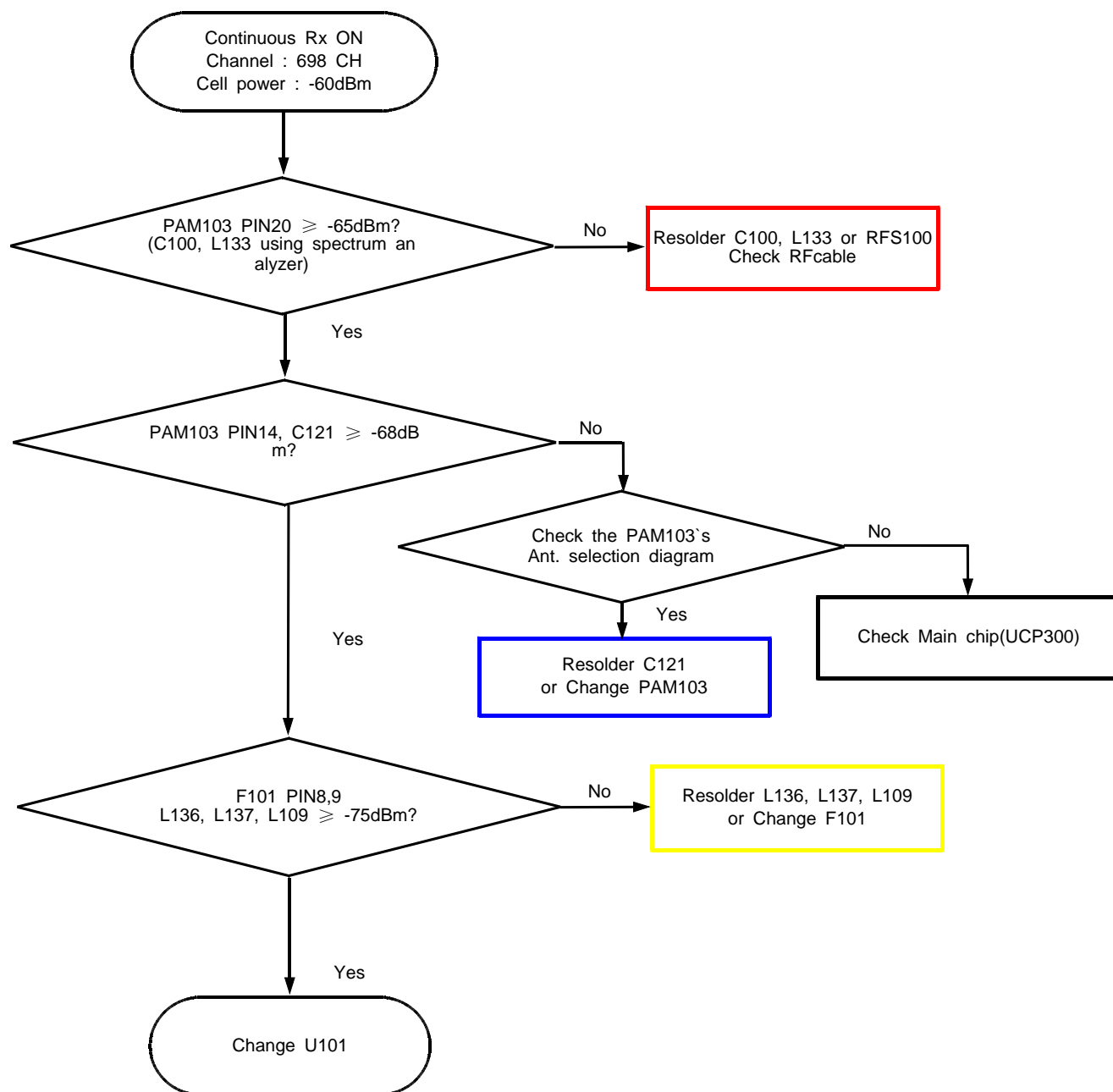


8-4-1. GSM850 Rx

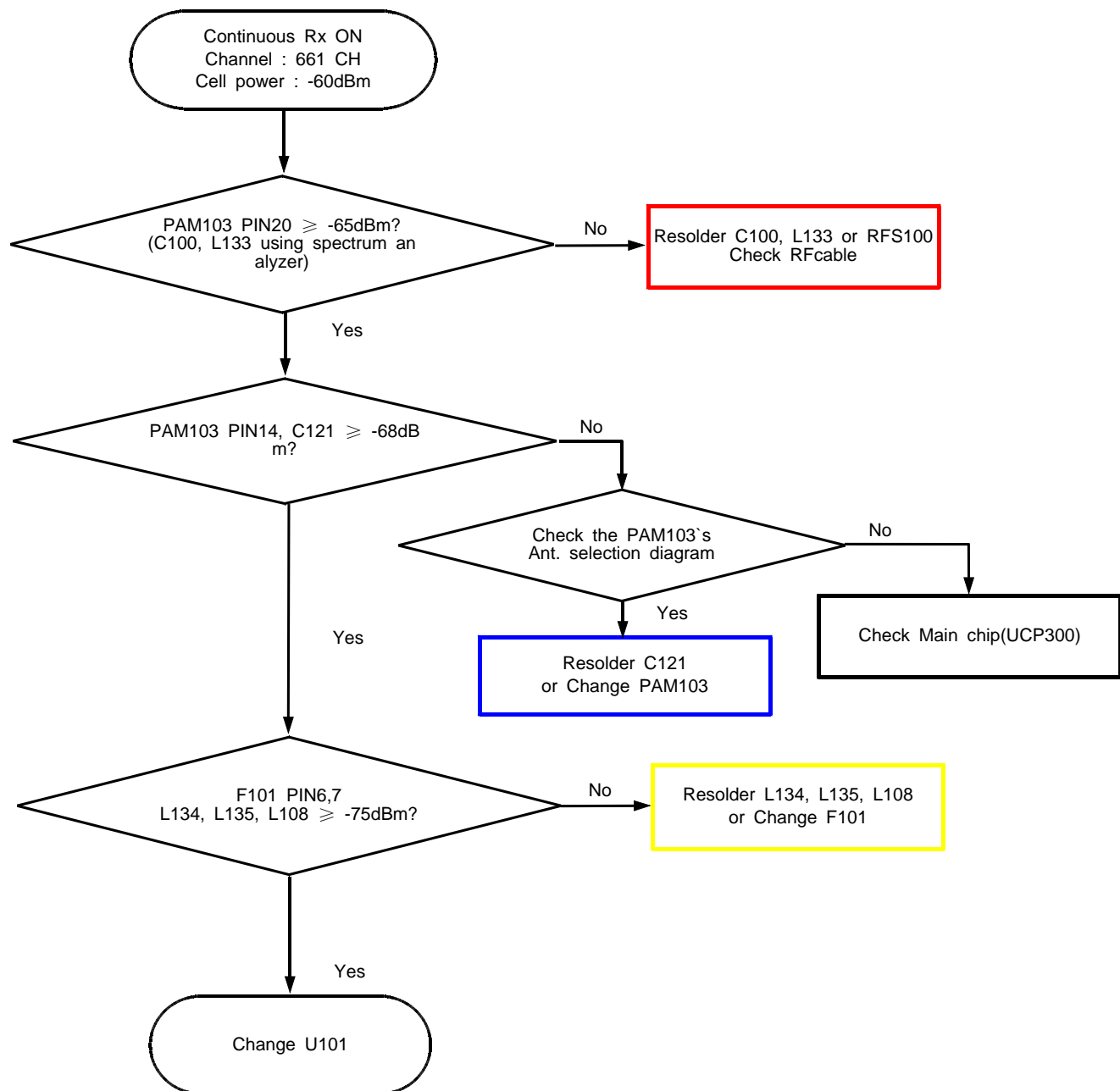


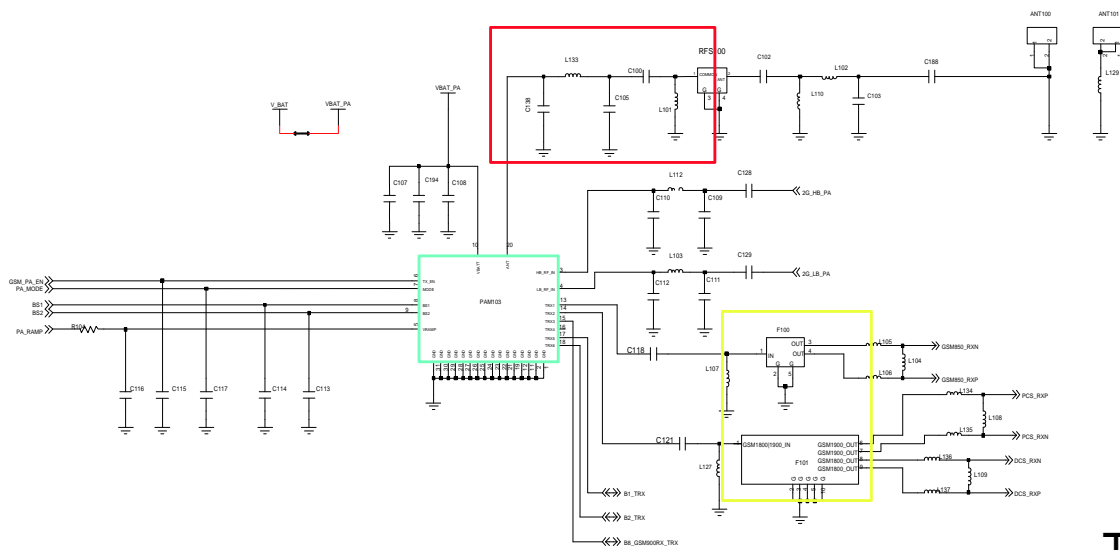
8-4-2. GSM900 Rx

8-4-3. DCS Rx

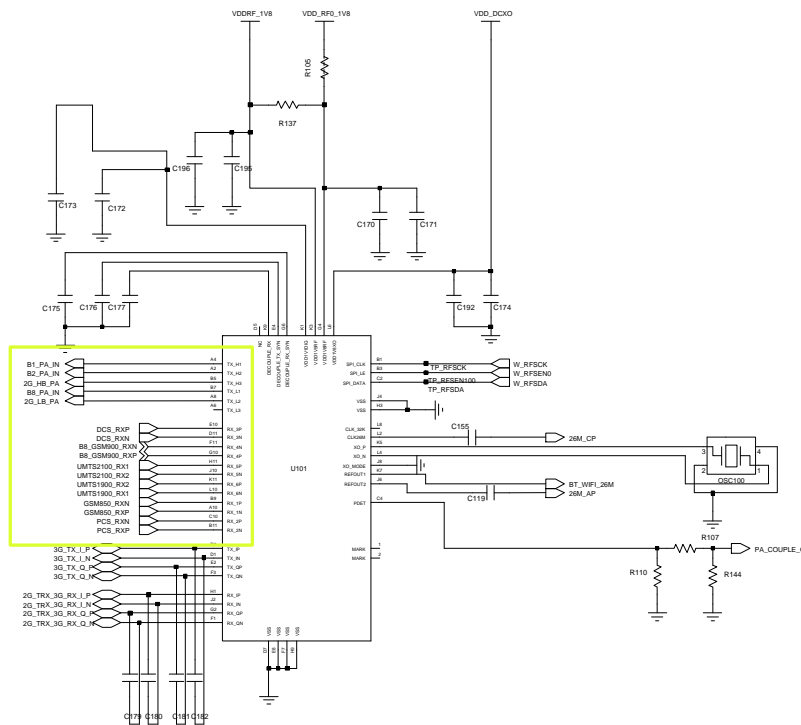


8-4-4. PCS Rx

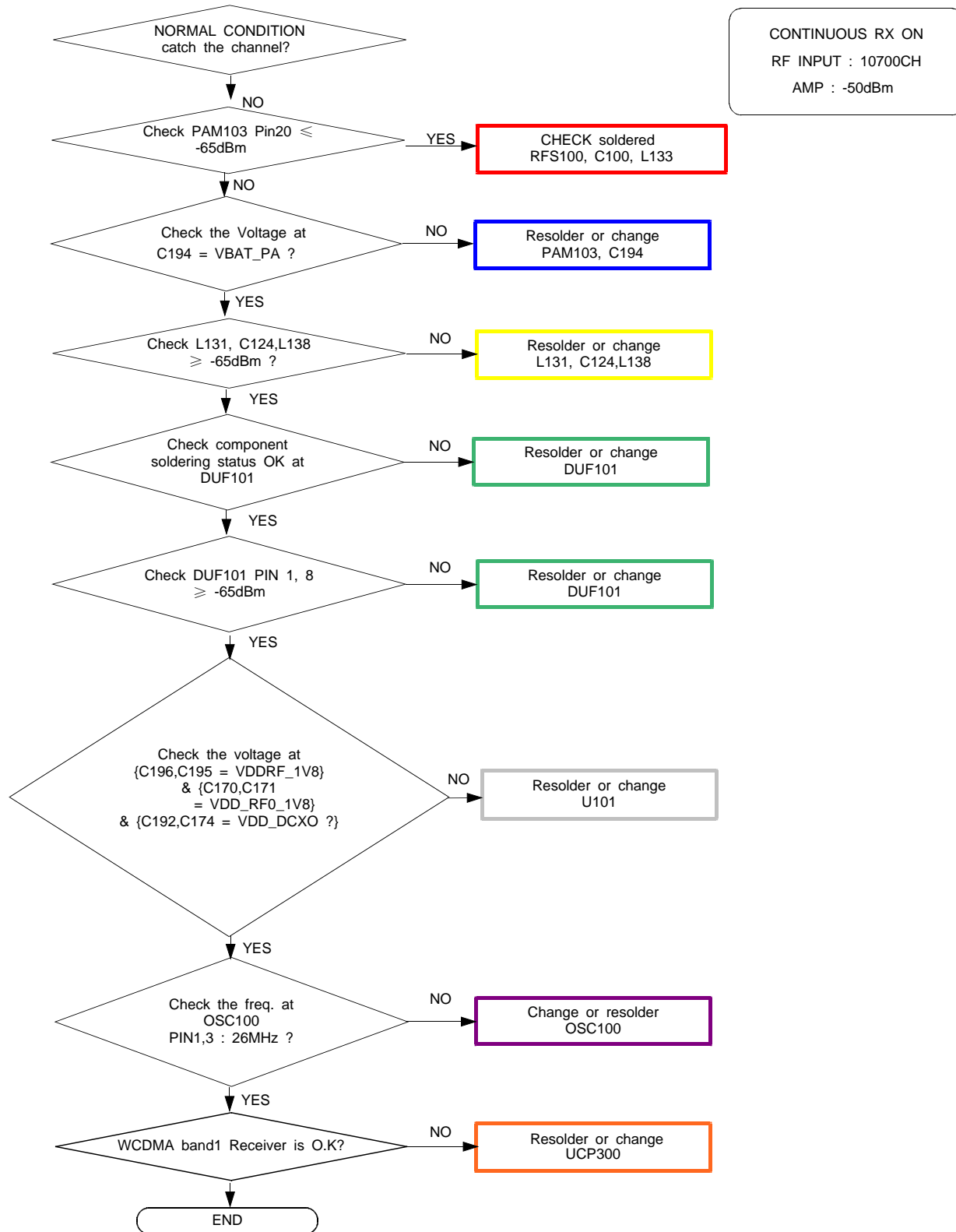


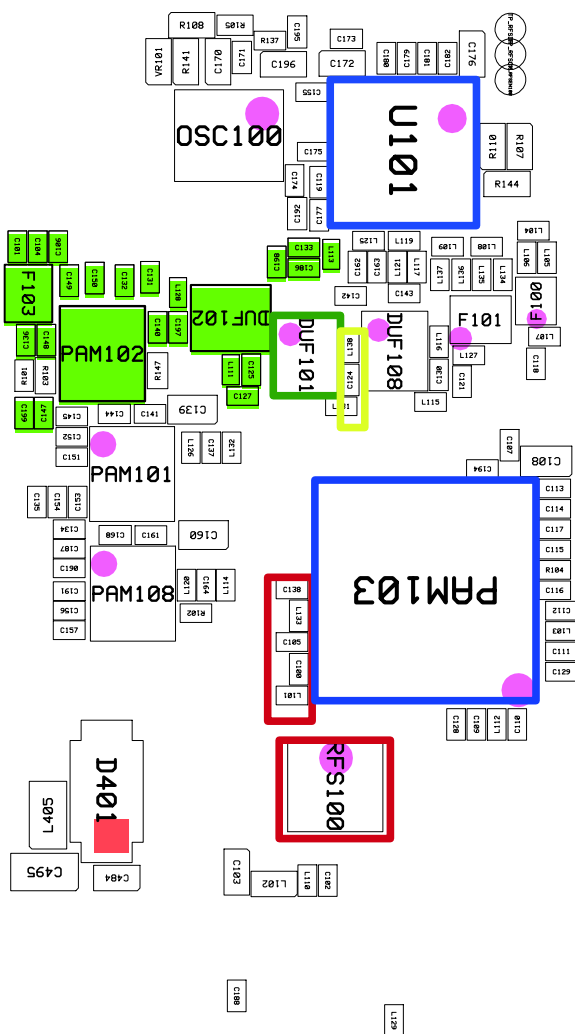


TX MODU

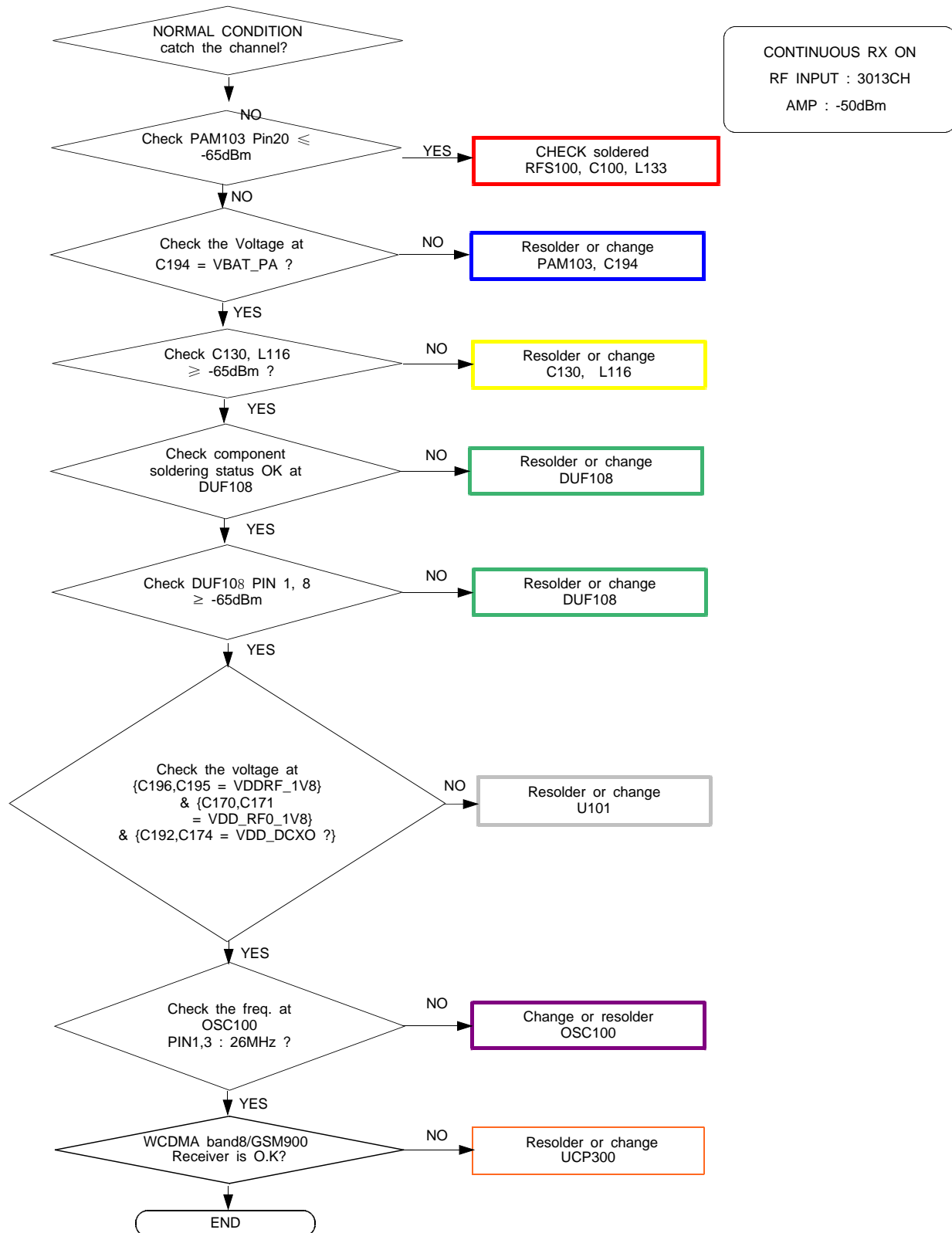


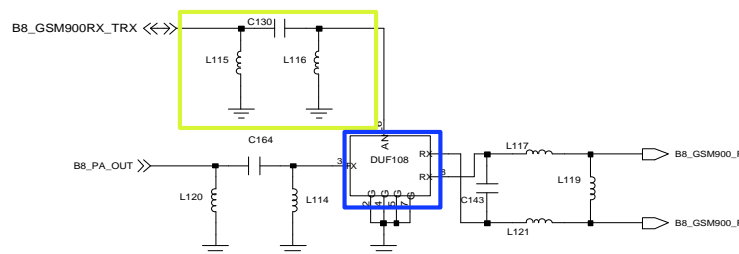
8-4-5. WCDMA Band1 (2100) Rx





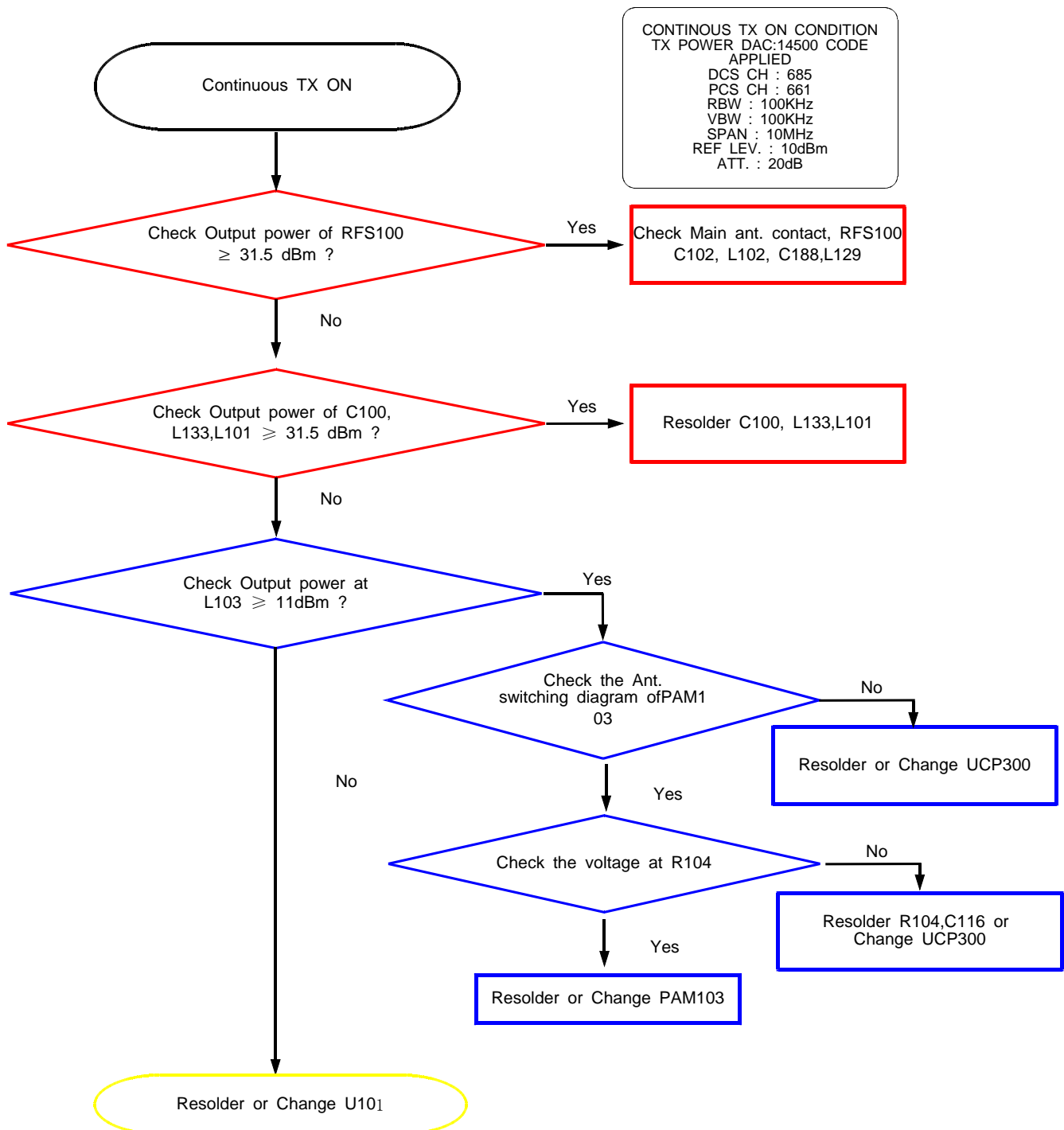
8-4-6. WCDMA Band8 (900) Rx



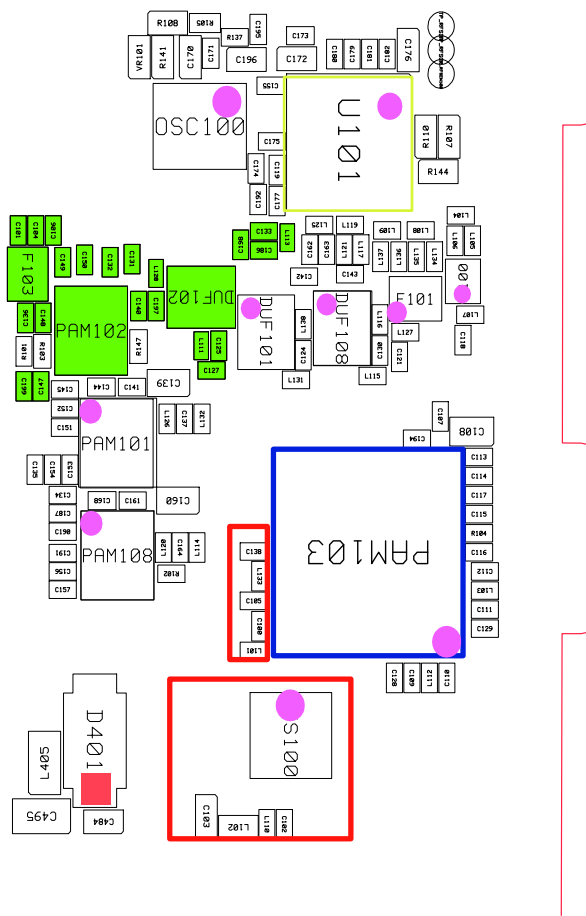




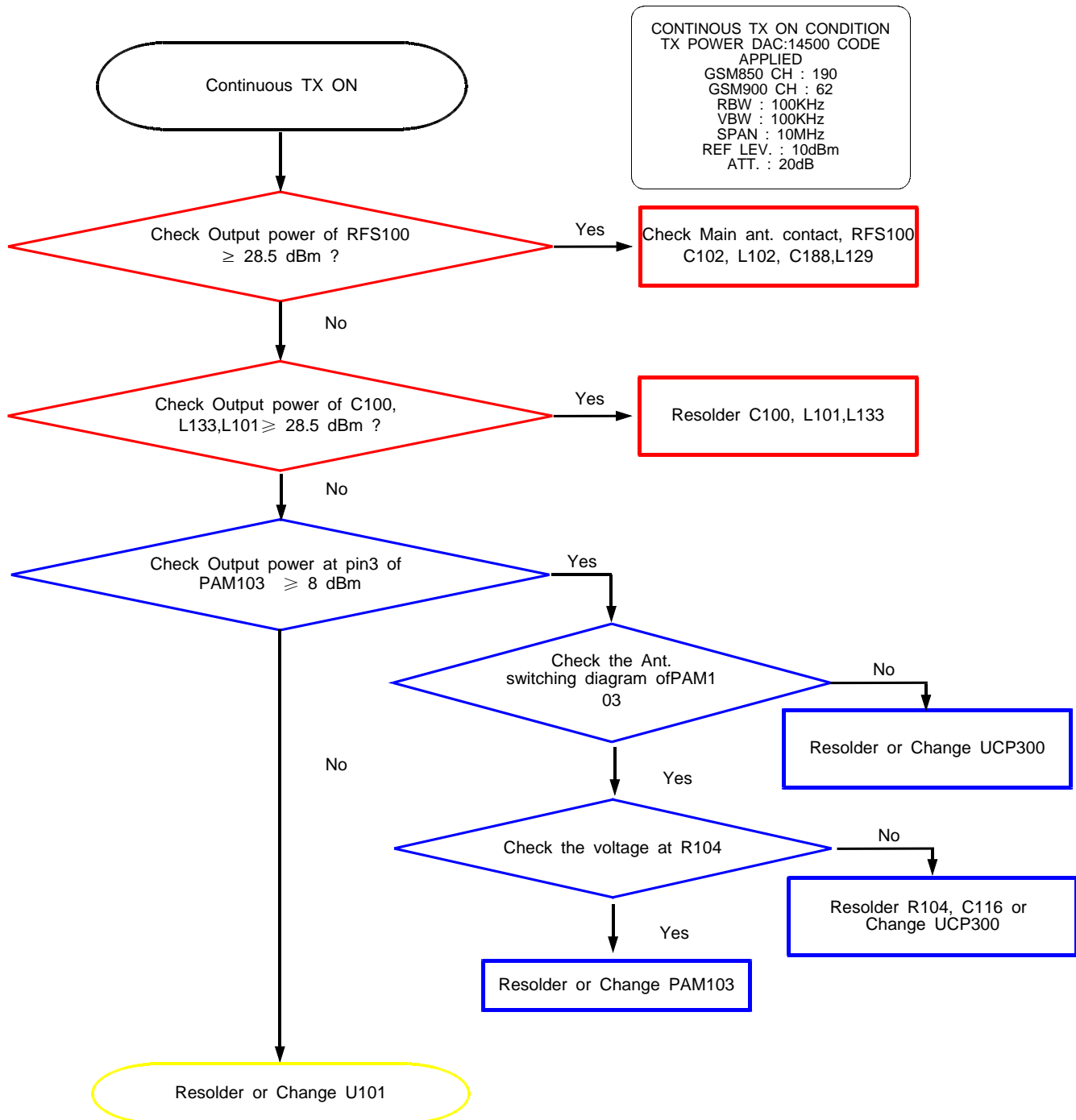
8-4-7. GSM850/900 Tx



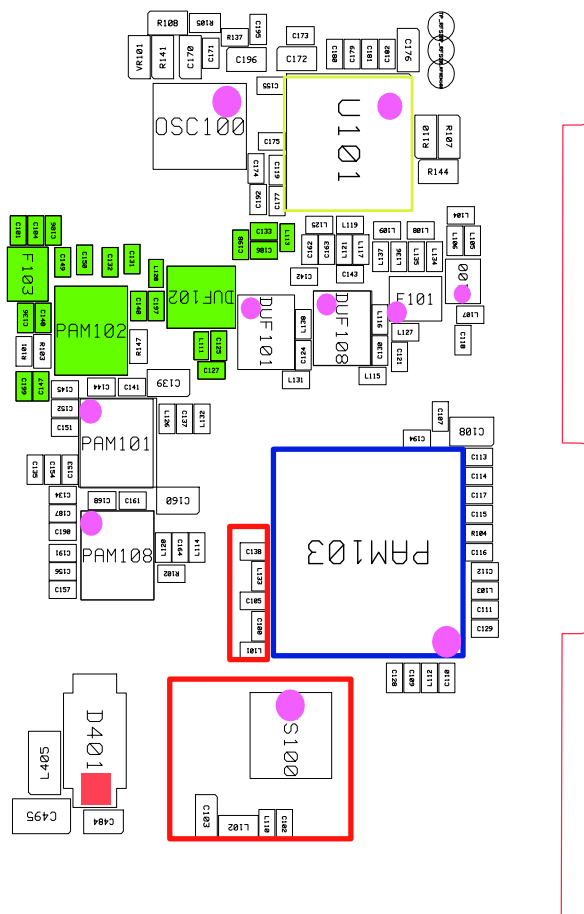




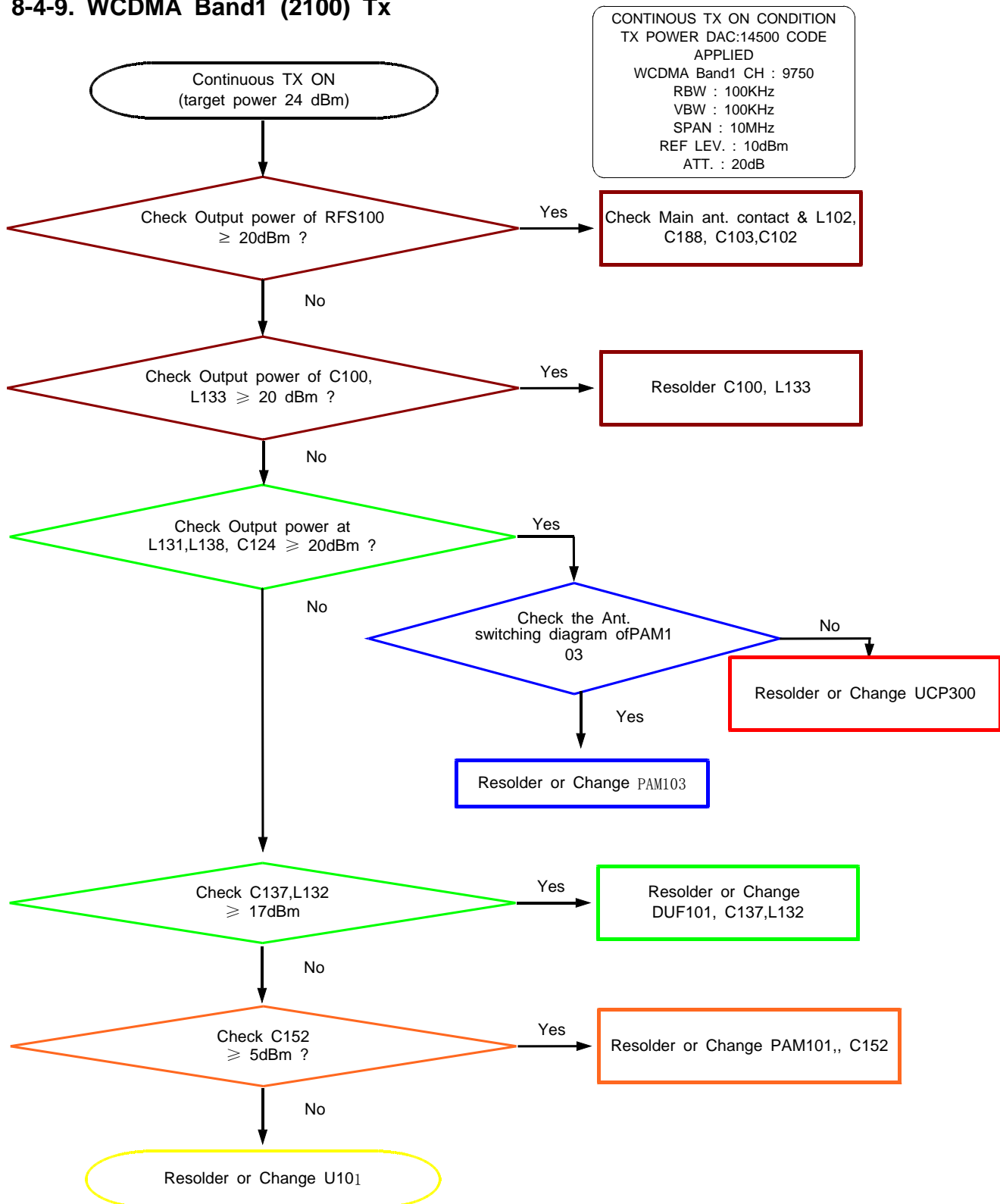
8-4-9. DCS/PCS Tx

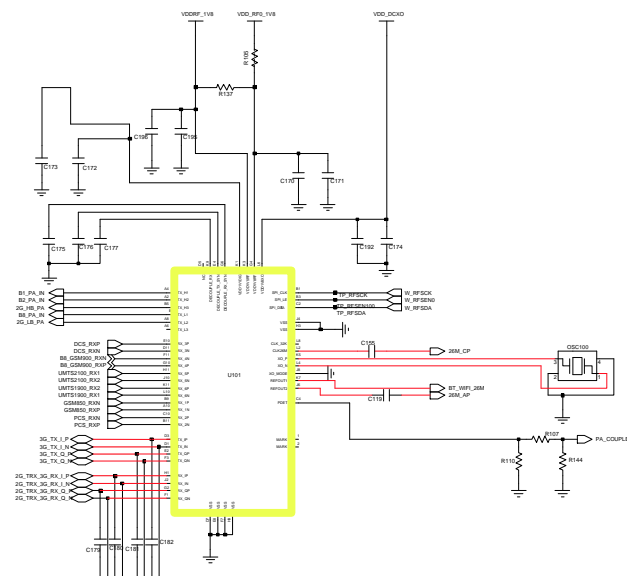






8-4-9. WCDMA Band1 (2100) Tx



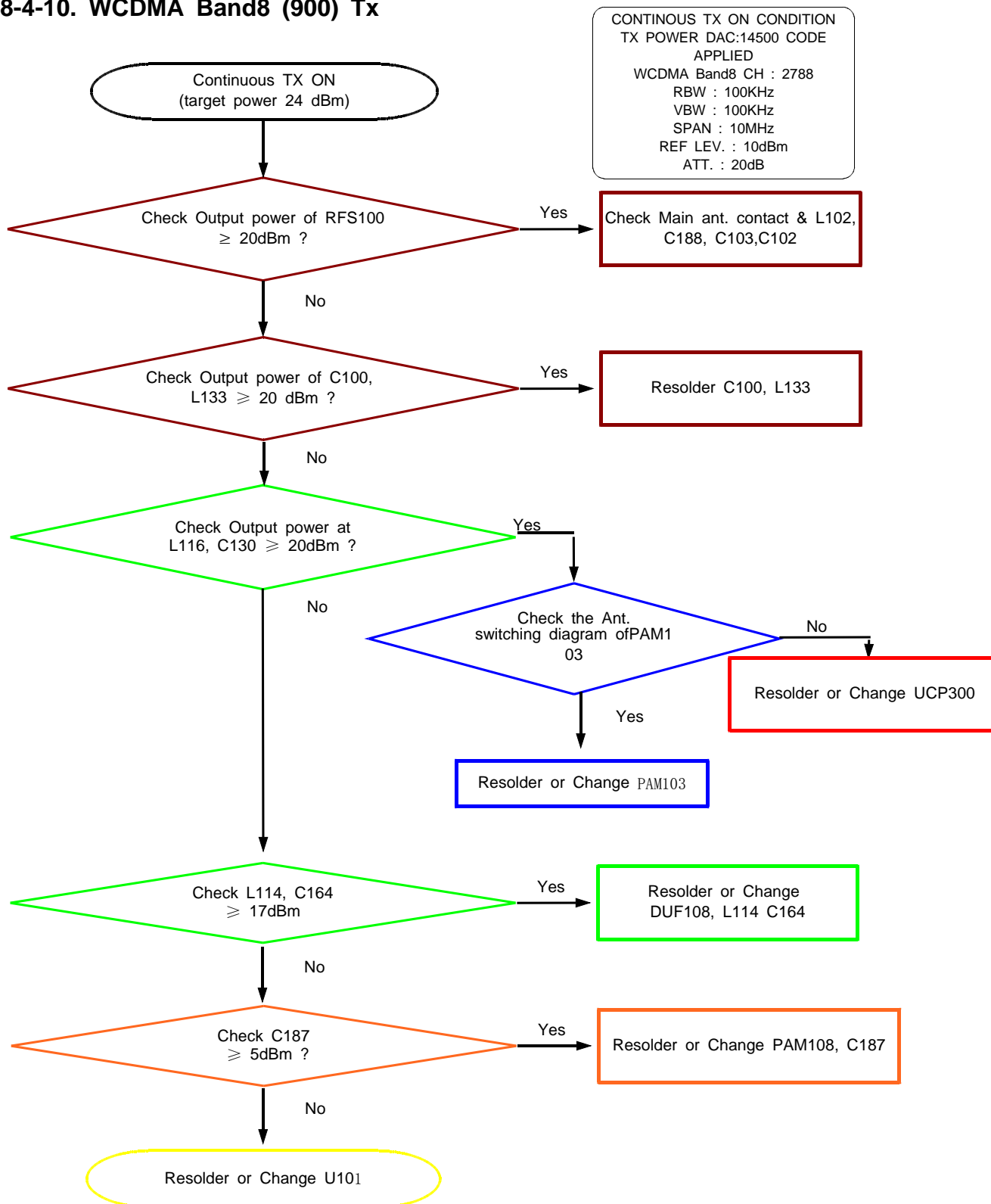


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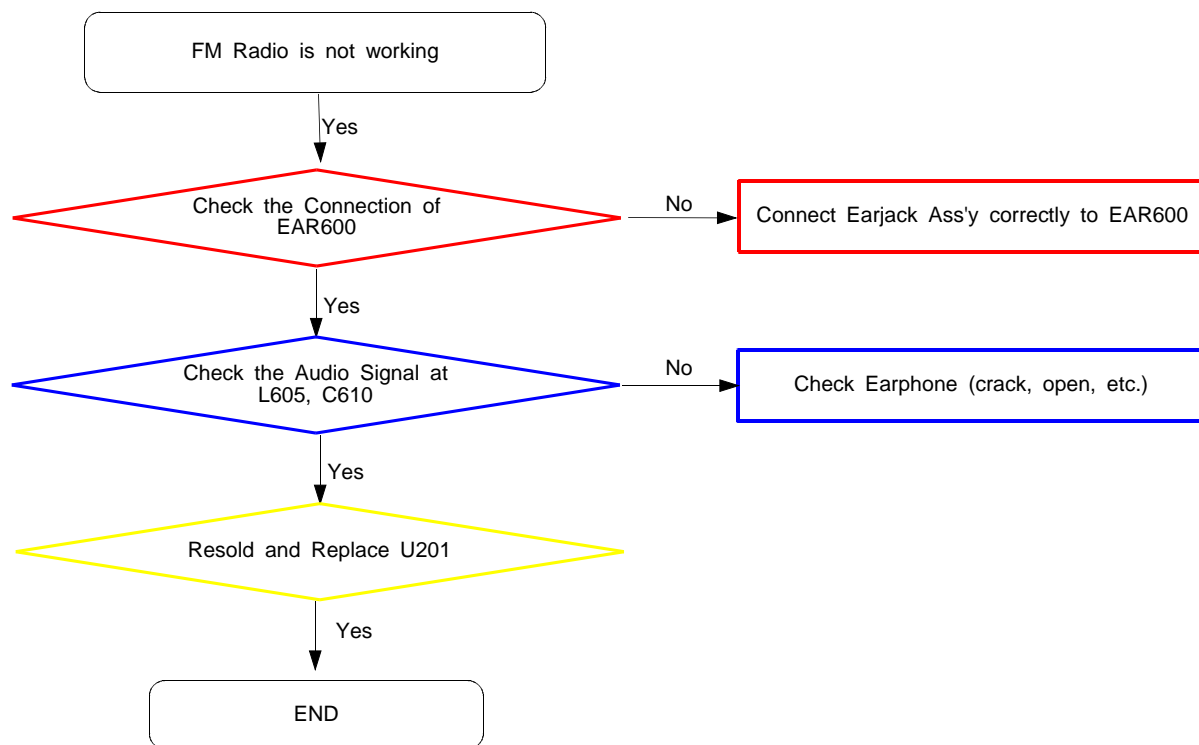
8-4-10. WCDMA Band8 (900) Tx

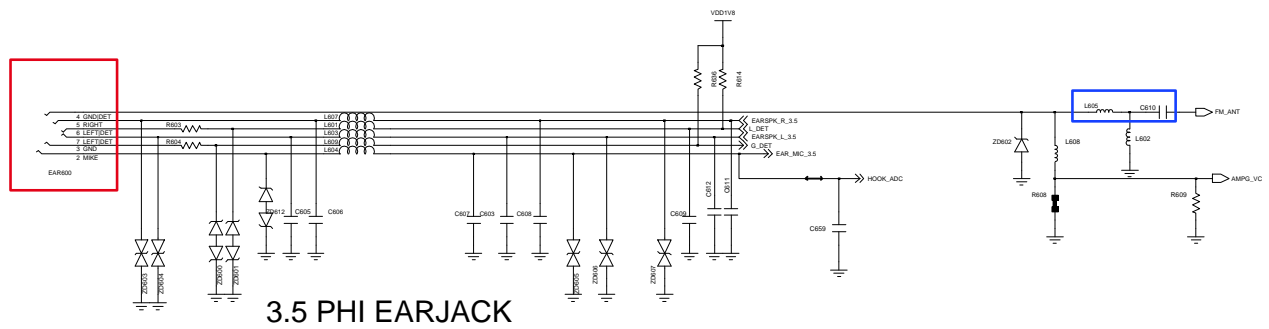






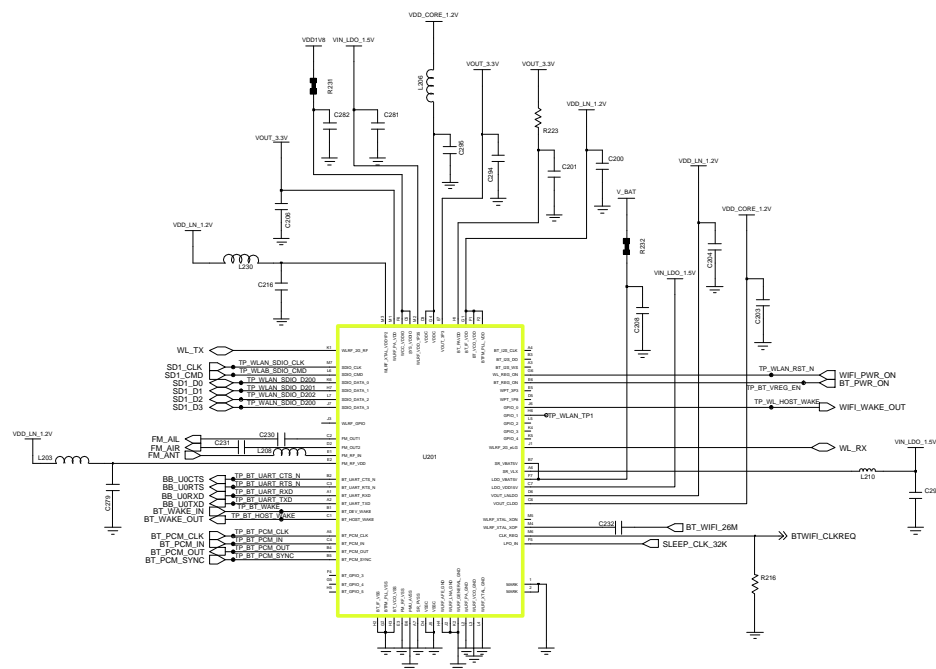
8-4-11. FM RADIO

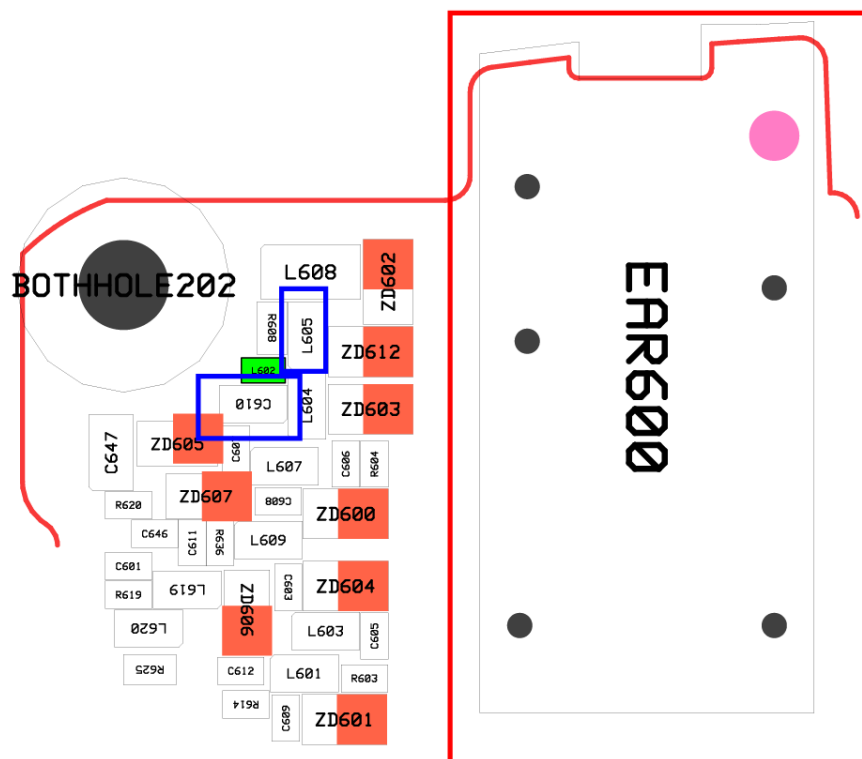
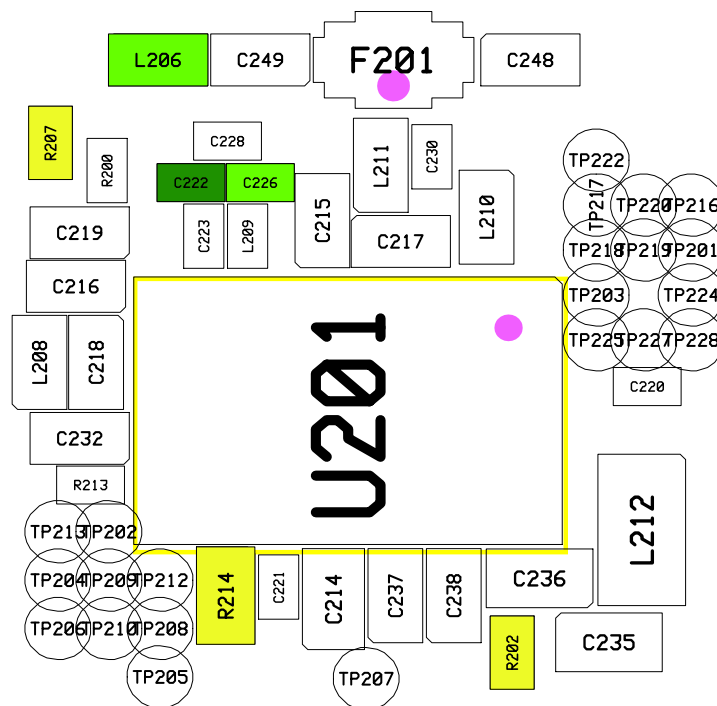




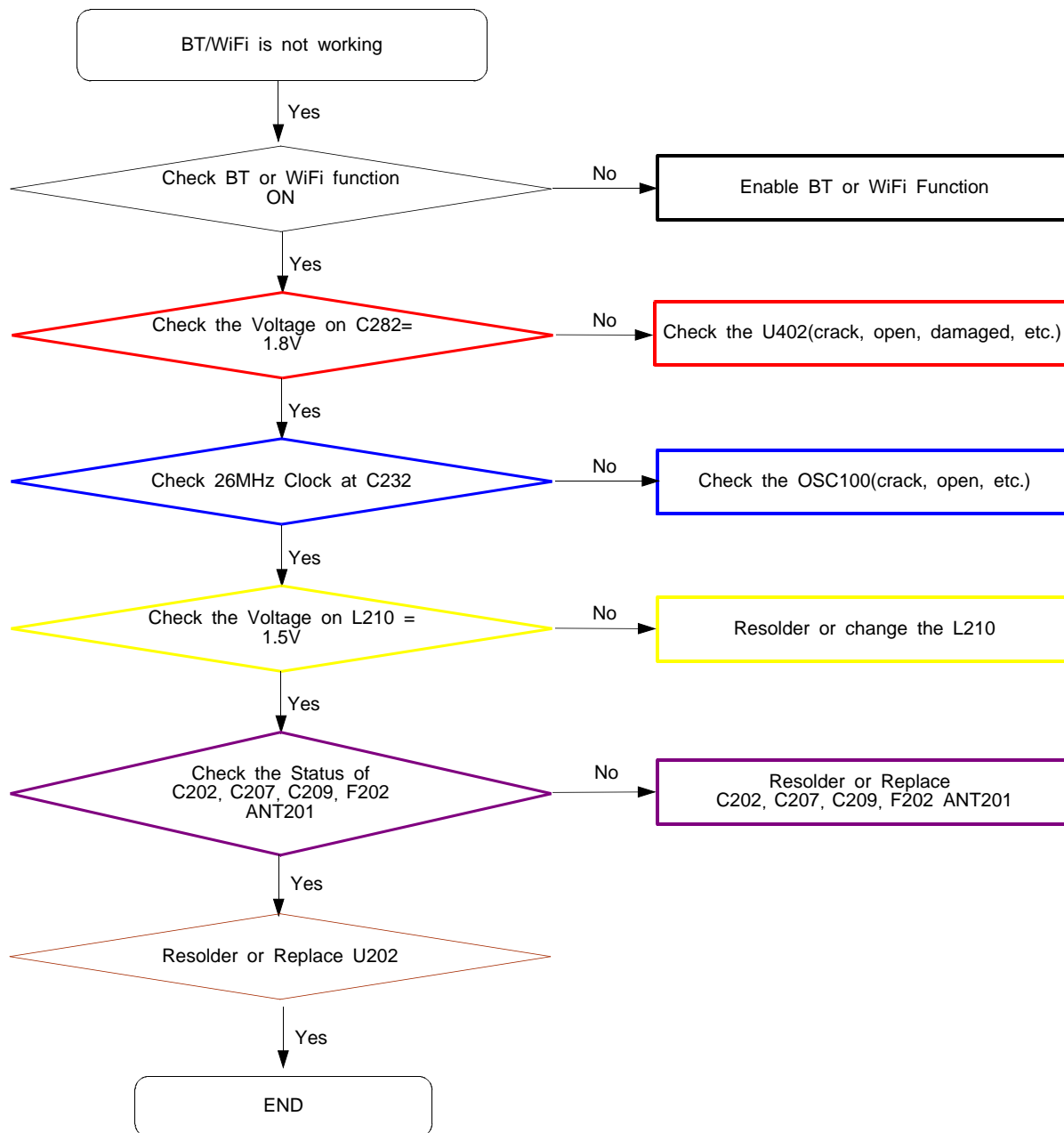
3.5 PHI EARJACK

WIFI / BT / FM

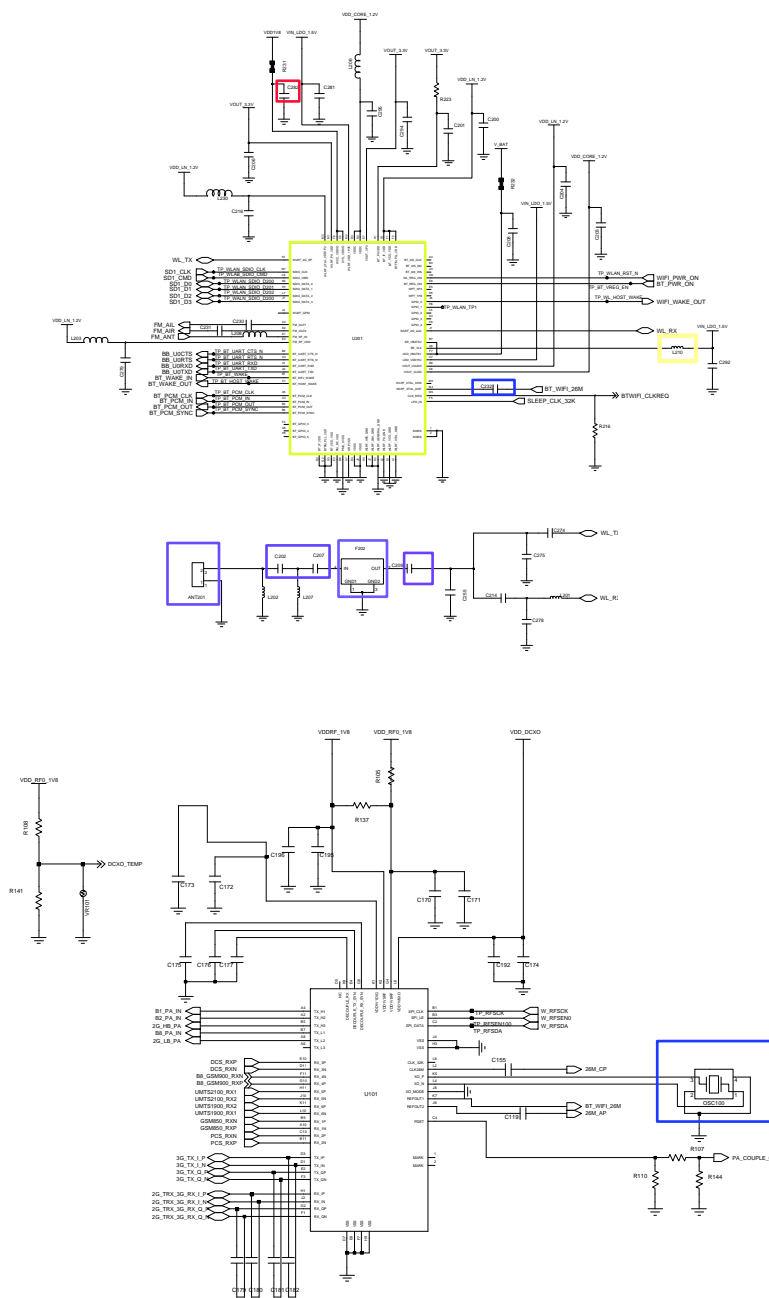




8-4-12. Bluetooth / WiFi

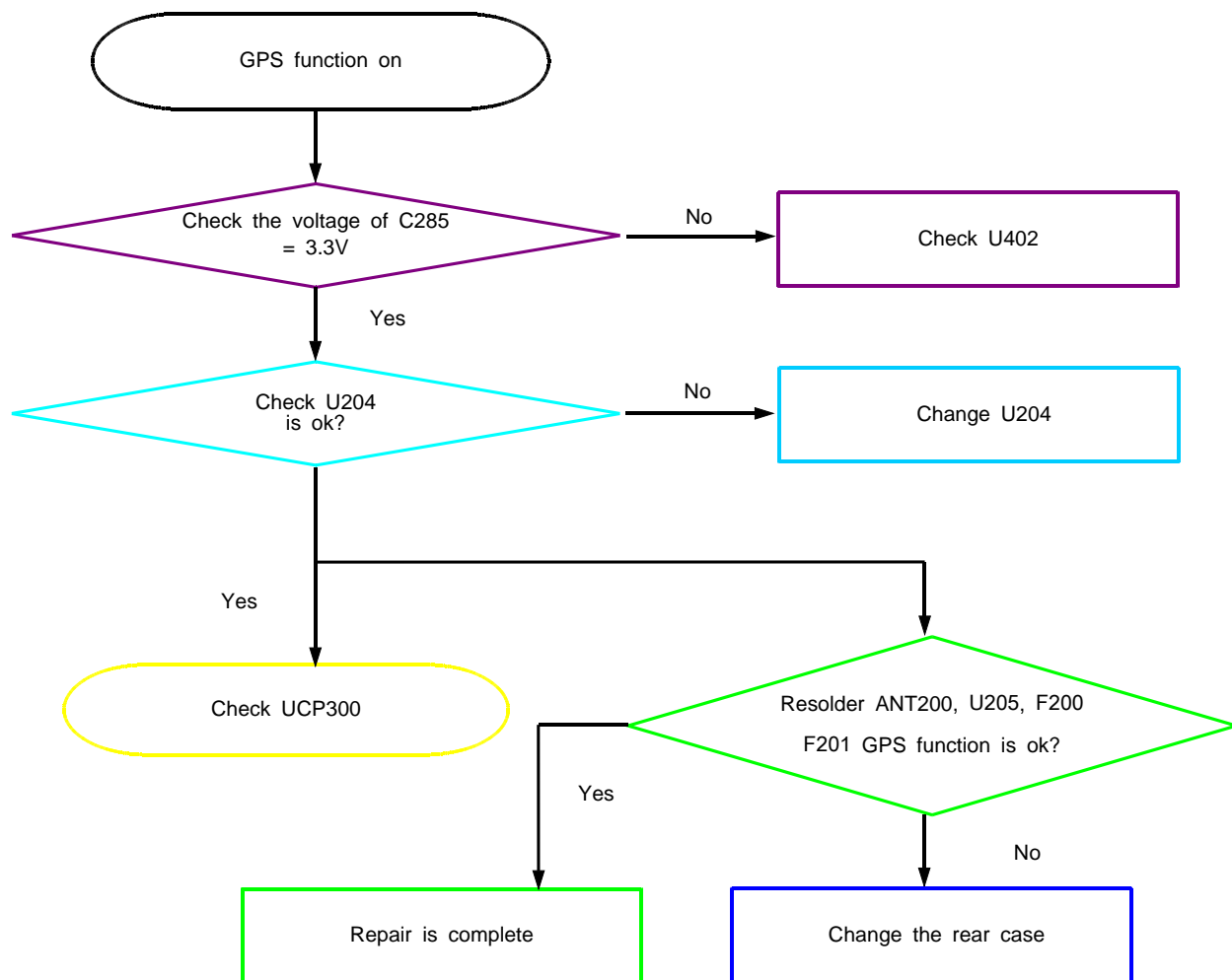


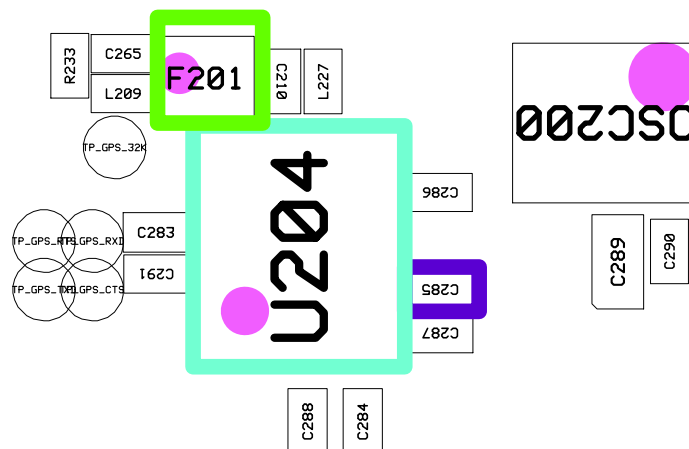
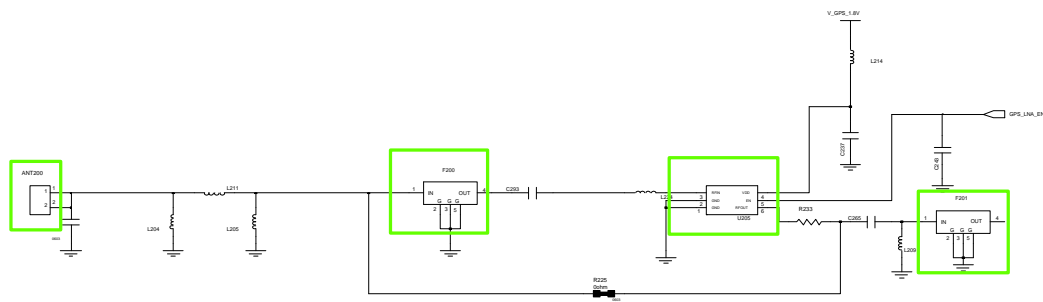
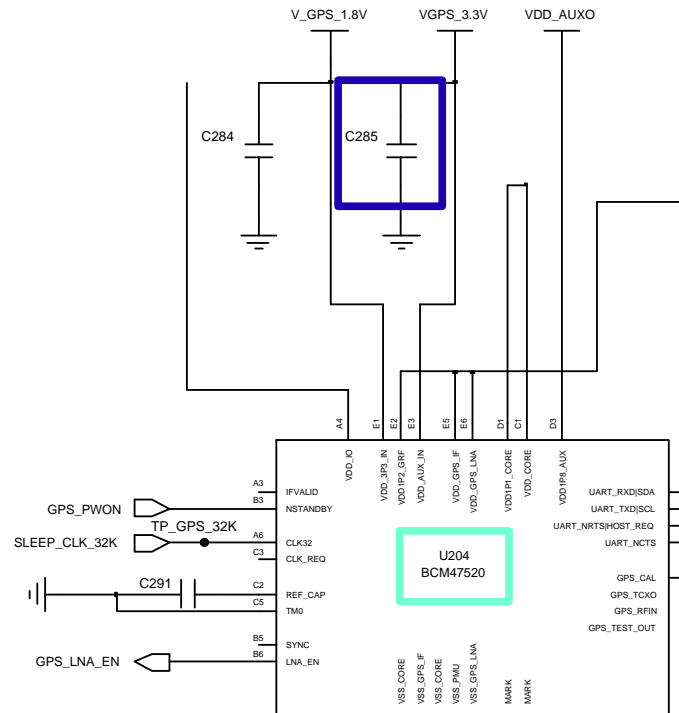
WIFI / BT / FM

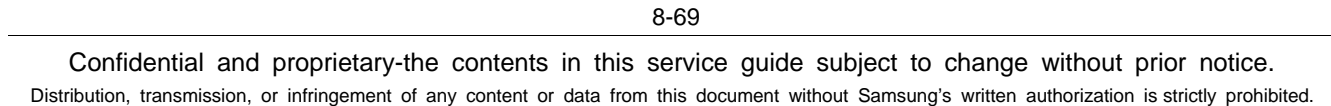


TRANSCIVER

8-4-13. GPS







U402 (SC2723S)

	1	2	3	4	5	6	7	8	9	10	11	12	13
A	NC	VDD_S1M2		AVDD_2V8	OSC32K0		BAT_DET	VDD_2V8		VDD_DDX0		VDD_VWIPPA	NC
B	VDD_S1M0	VDD_S1M1	VDD_OANA	VBATEK	CLK32K_DCXO	OSC32K1	ADD_3	ADD_2	VDD_SDDORE	VDD_BMDDORE	VDD_OAMMOT	VIBR_OUT	KPLED_OUT
C	EXT_RST_B	CHP_SLEEP	PTEST	VPP		DDIO_LOWCLR	ADD_1	VBATA		VBATPA		VSSPA	PA_OUTN
D		XTL_BUF_ENI	CLK1N_26MHZ		VBATD	RTC_MODE	EXTRSTN	VBATA		VBATPA	AVDDPA	VSSPA	PA_OUTP
E	CLK32K	AUD_SCLK	XTL_BUF_ENO	ANF_INT	VBATD	VSS		AUXMCP				EARP	EARN
F	AUD_ADD0	AUD_ASYN_C	AUD_DAD1	AUD_DAD0		VSS	MCP	AUXMCN	HEADMCN	MCBAS	HEADMCBAS	AUXMCBAS	
G		AUD_DASYN_C	AD_SYNC	AD_SCLK		VSS	MCN		HEADMCN	AIL1	AIR1	VDDX0	AVDDX0
H	AD_D	PBINT2		PRODT	VSS		VBATAD	HEADCNTN	GND_DET	AGNDX0	HEAD_P_R	VCOM	VOM
J	PBINT	EXT_XTL_ENO	SENSE_N		VSS	VSS	HEADSET_L_INT		VREFN	AMPG_VCOM	HEAD_AMPG_INR	HEAD_P_L	
K		VBATSEN	SENSE_P		VCHG	VDD_1V8	VSS	CRNEG	HEAD_DRO_L	HEAD_DRO_R		HEAD_AMPG_INL	VDDAMP
L	VDD_SDO	VDD_L6B					VSS			CPGND	VBATCG	CAP_N	CAP_P
M	LX_MBM	VFB_MBM	BATDET_VREF		VSSDRV	VSSDRV			VSSDRV	VBATDRV		VDD_CAMIO	
N		VFB_RF		VBATDRV	VSSDRV	VSSDRV	VSSDRV	VSSDRV	VBATDRV		VDD_GEN1	VDD_CAMD	LX_GEN
P	VFB_ARM	VFB_CORE	LX_CORE	VBATDRV	VSSDRV	LX_ARM	VBATDRV	VBATDRV	VFB_VIPA	AFC_VIPA	VDDC_GEN	VDD_RF0	
R	NC	LX_CORE	LX_CORE	VBATDRV	VSSDRV	LX_ARM	LX_ARM	VBATDRV	LX_RF		LX_VIPA	VDD_GEN0	NC

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UME300

