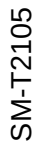
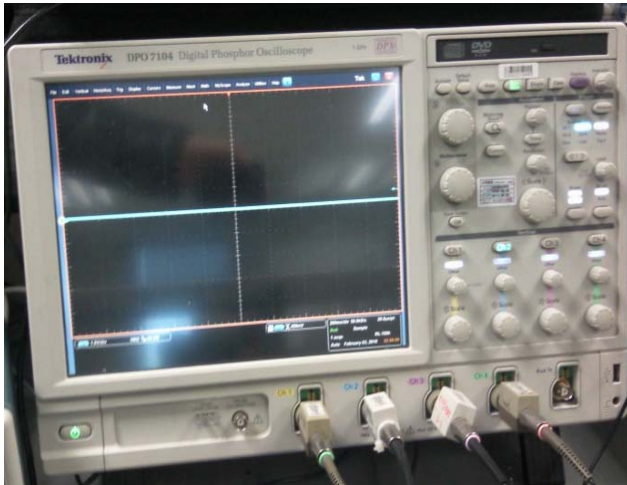


## 8-1. Block Diagram





### 8-3. Flow Chart of Troubleshooting Equipment



↑ Oscilloscope



↑ Digital Multimeter



↑ Power Supply

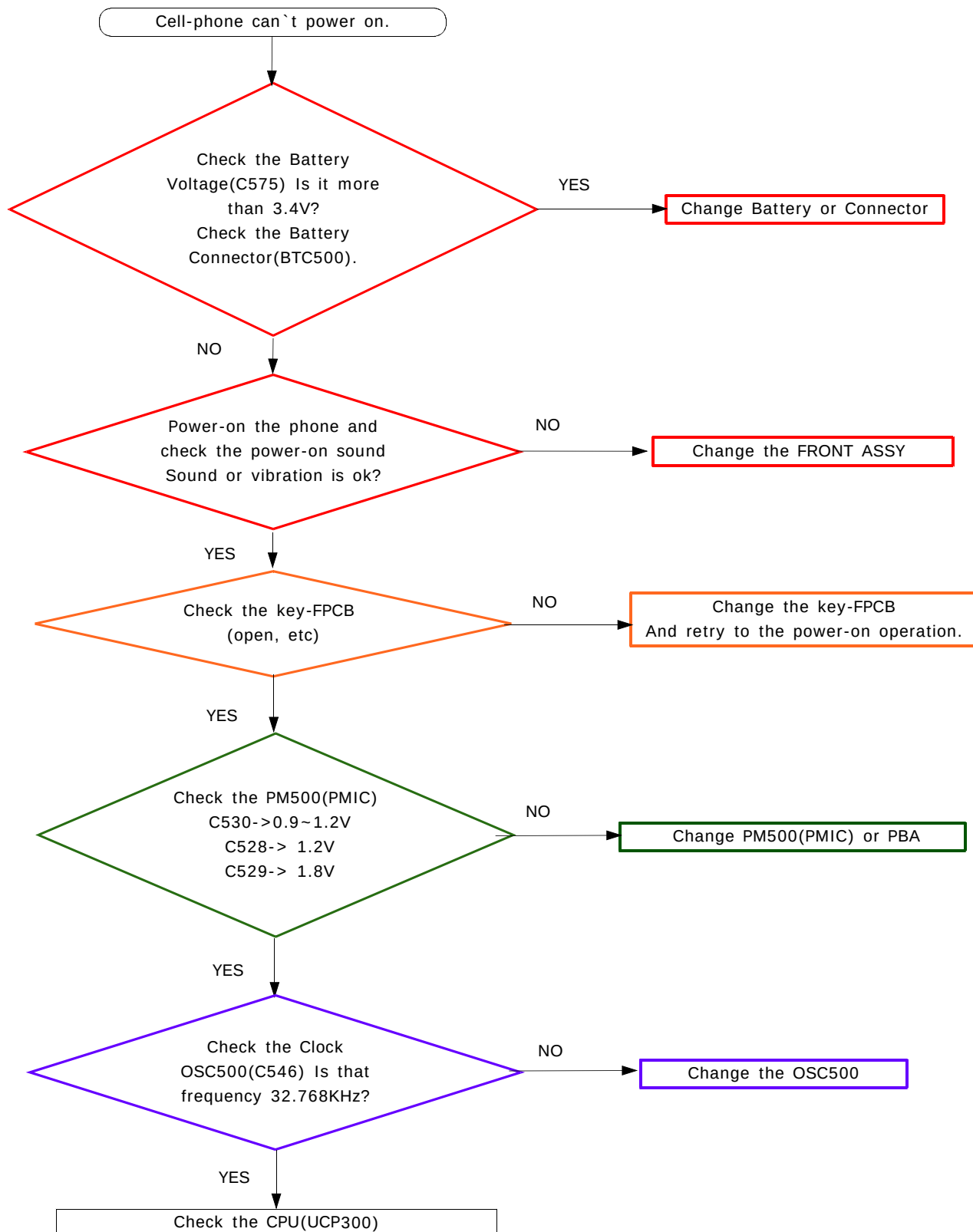


↑ + driver, ESD Safe Tweezer

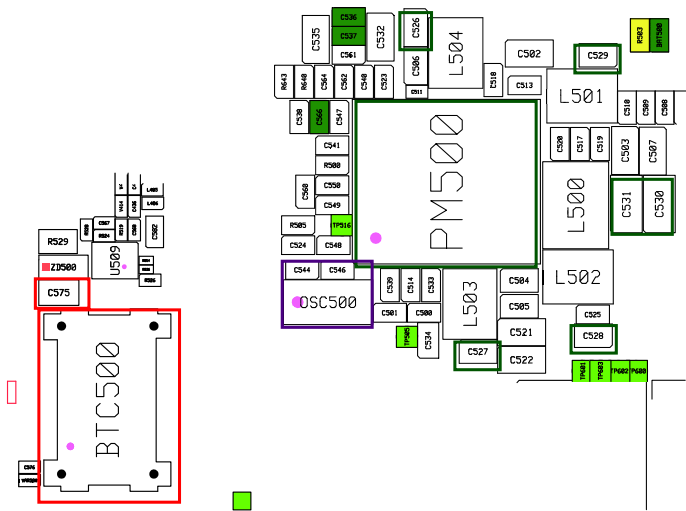


↑ Soldering iron

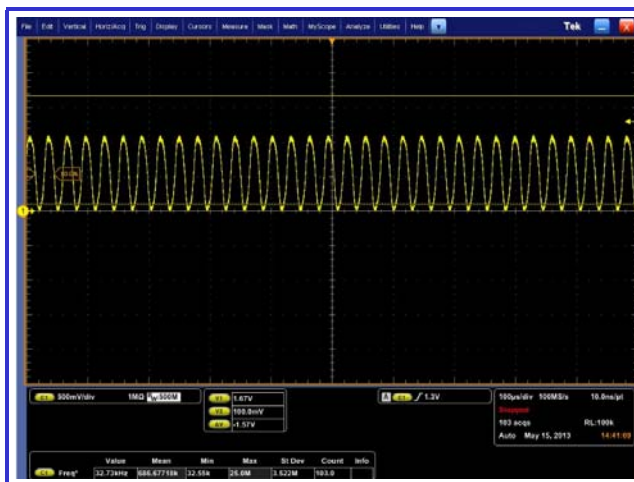
### 8-3-1. Power On





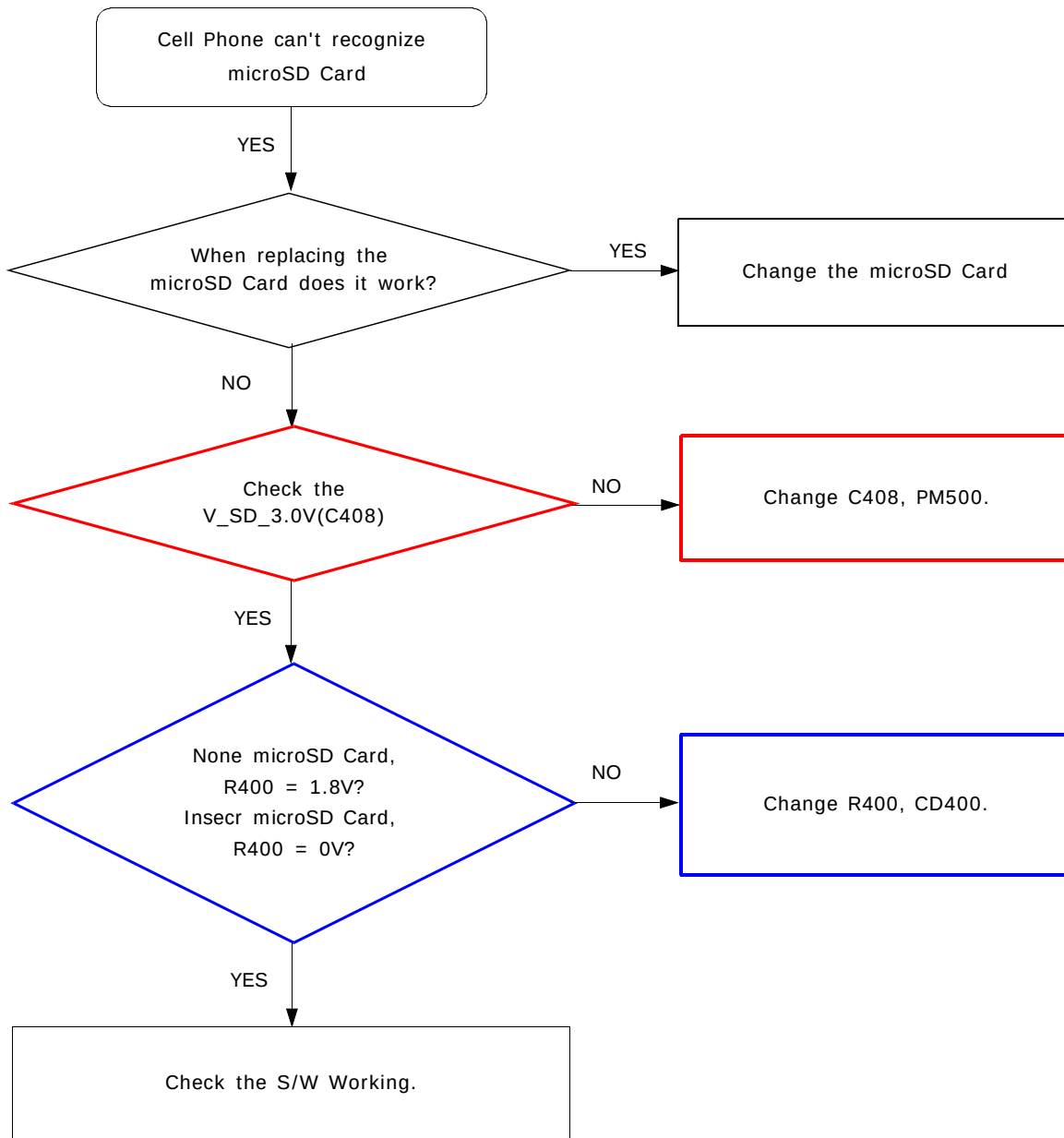


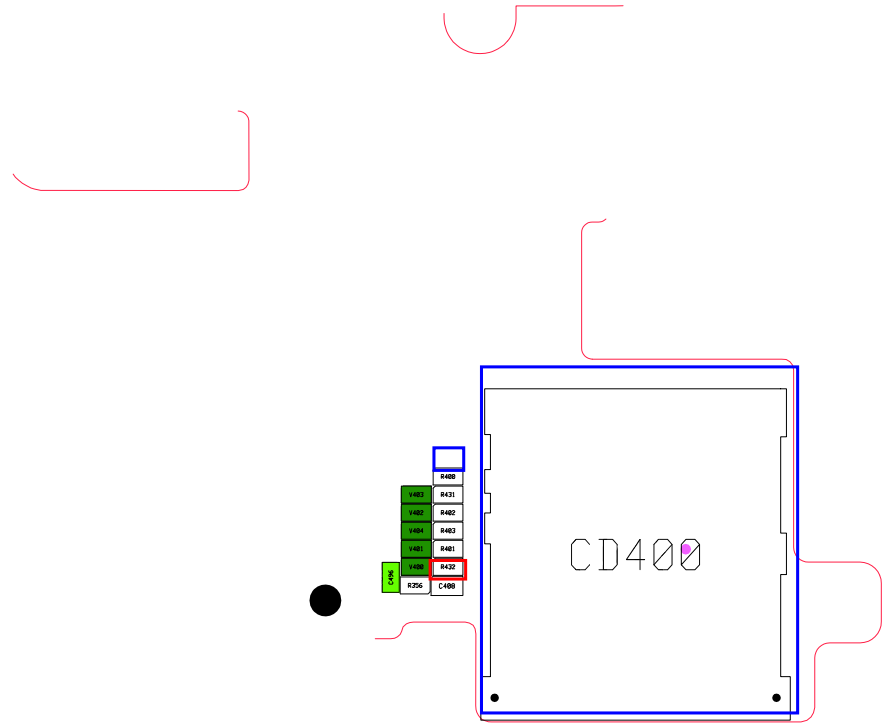
### <OSC500 32.768khz>



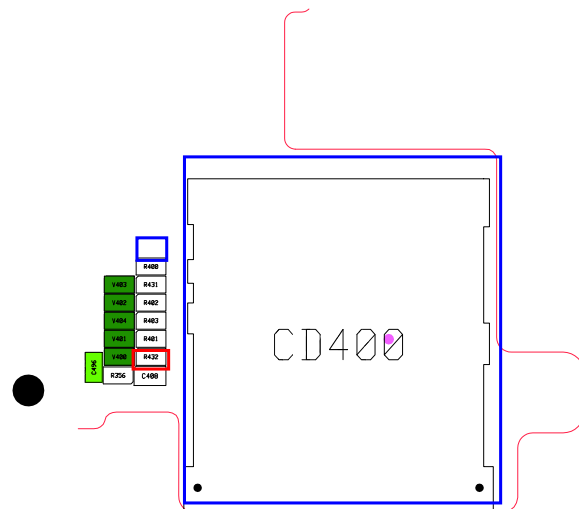
[Voltage Div:500mV,Time Div:100 $\mu$ s]

## 8-3-2. microSD Card



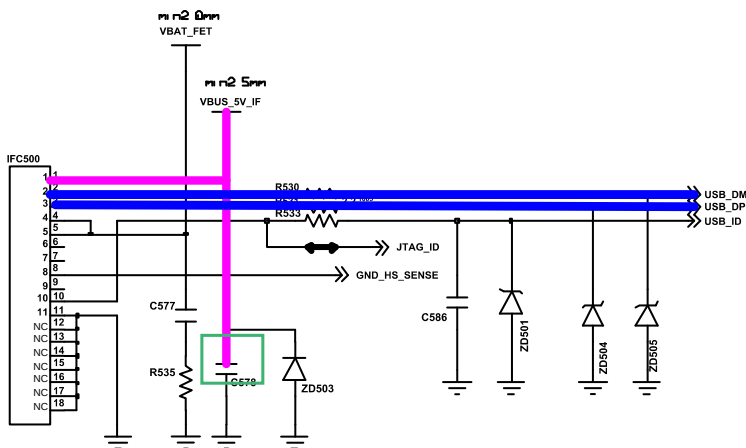
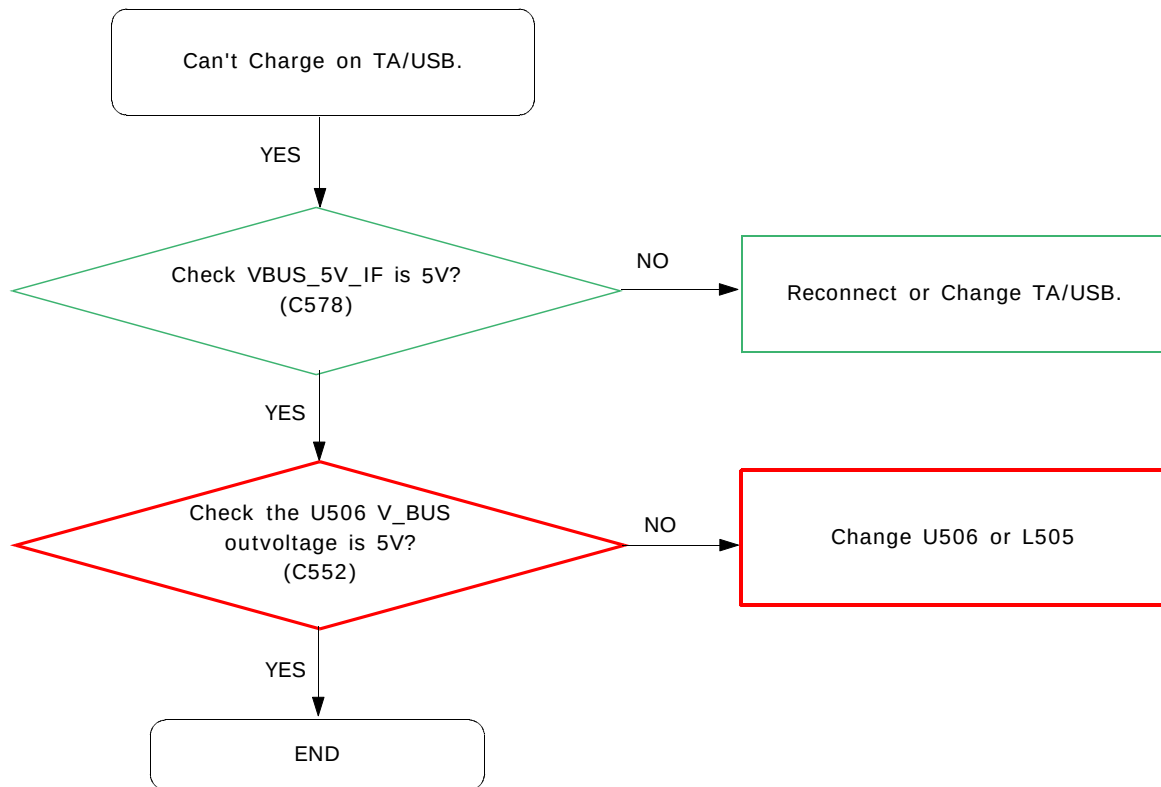


## T-FLASH CONN

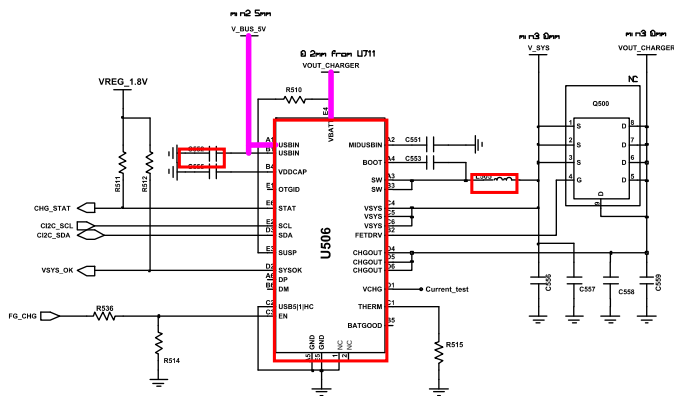




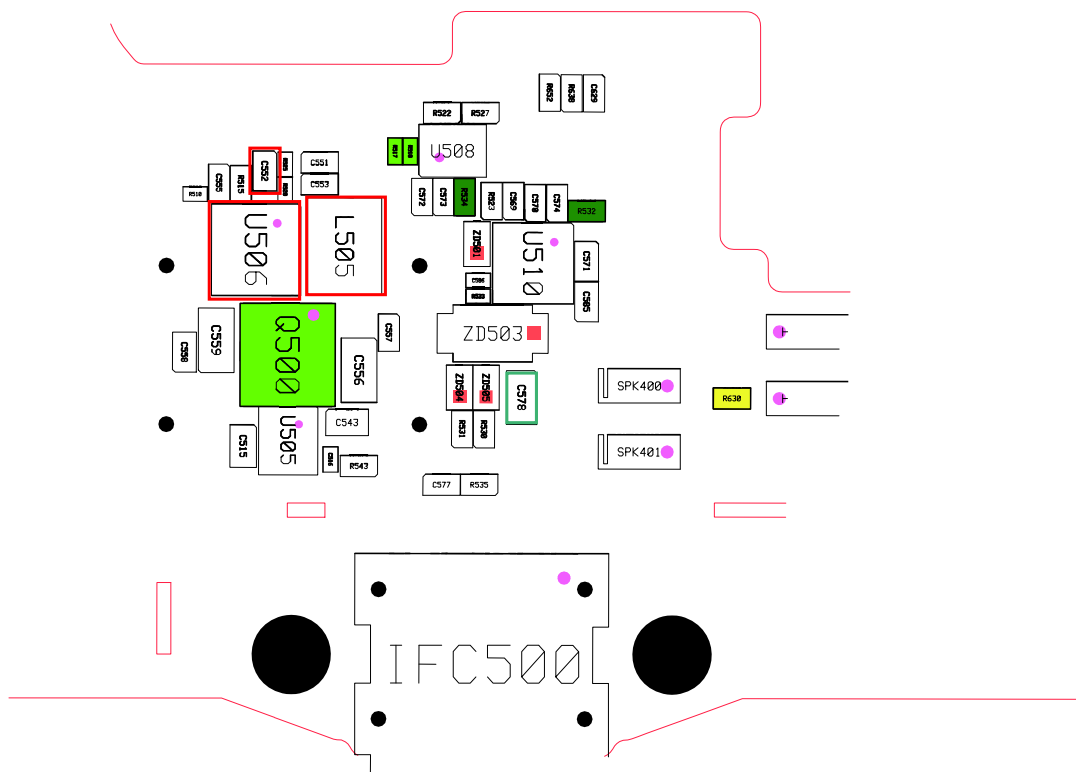
### 8-3-3. Charging Part



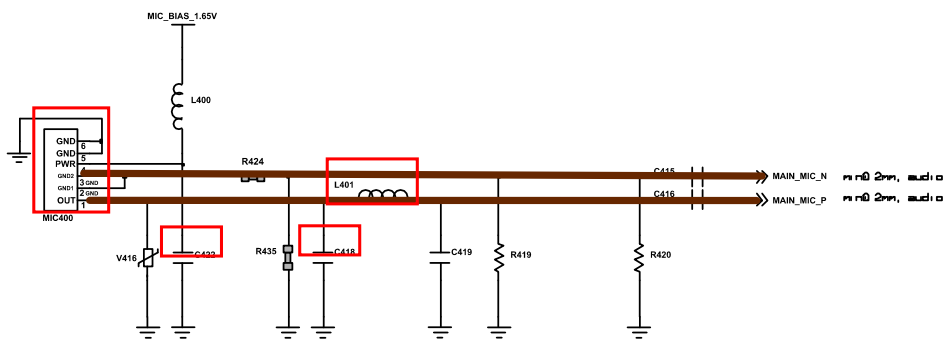
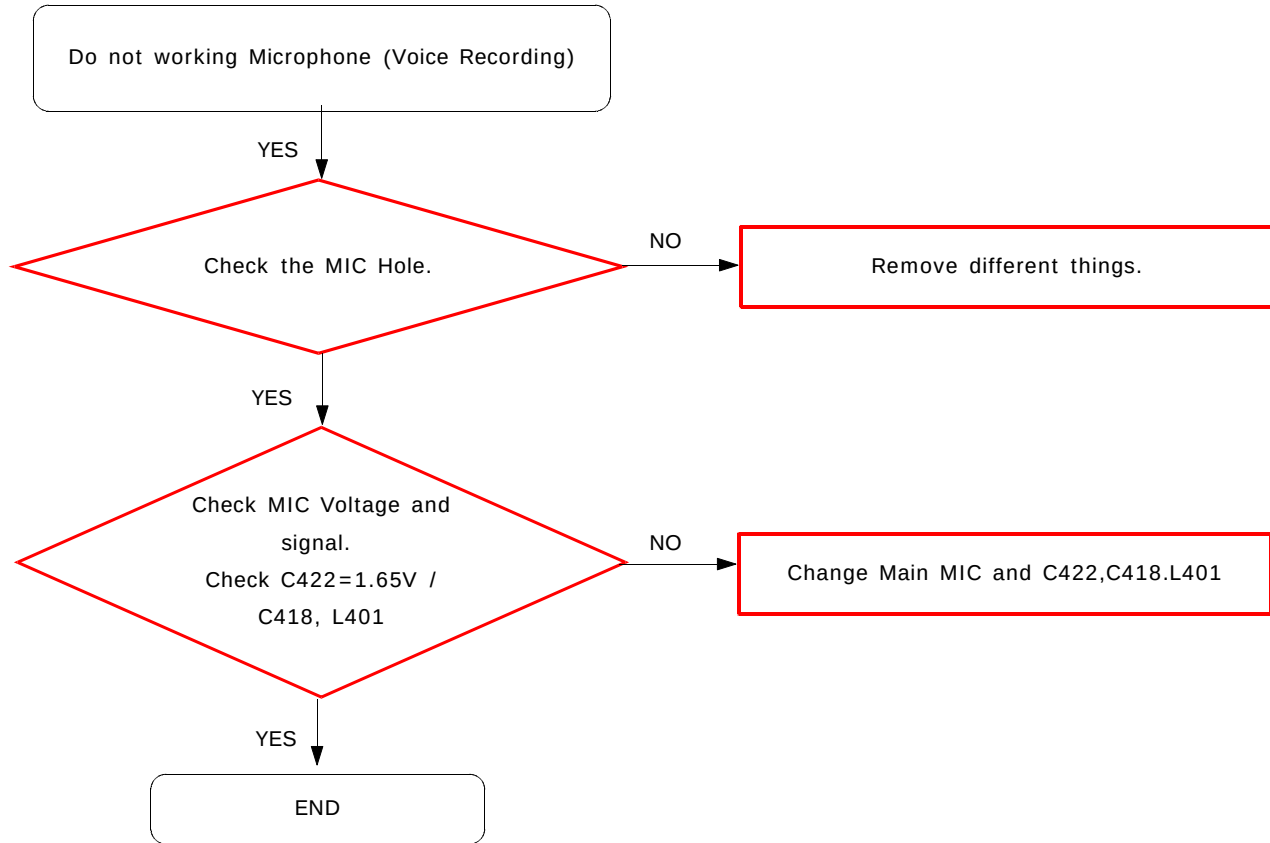
## uUSB CONN & LOAD SW



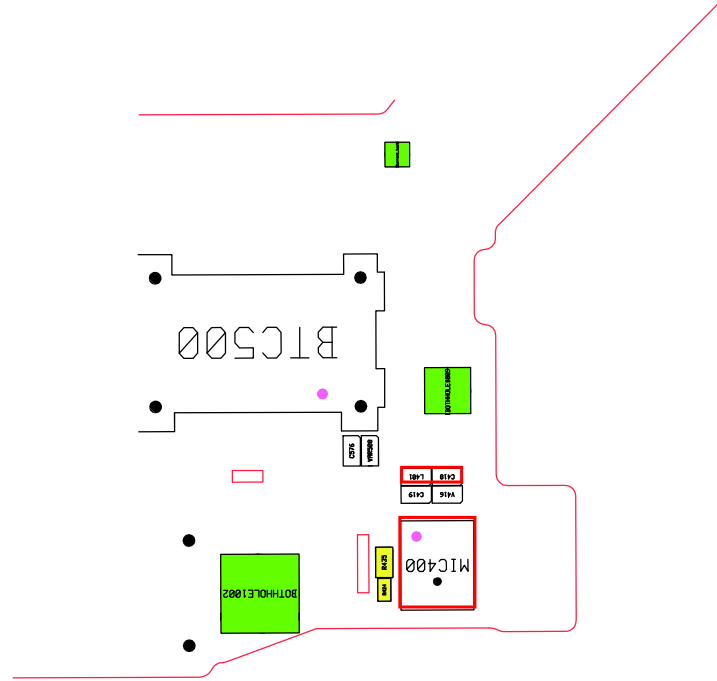
## SWITCHING CHARGING BLOCK



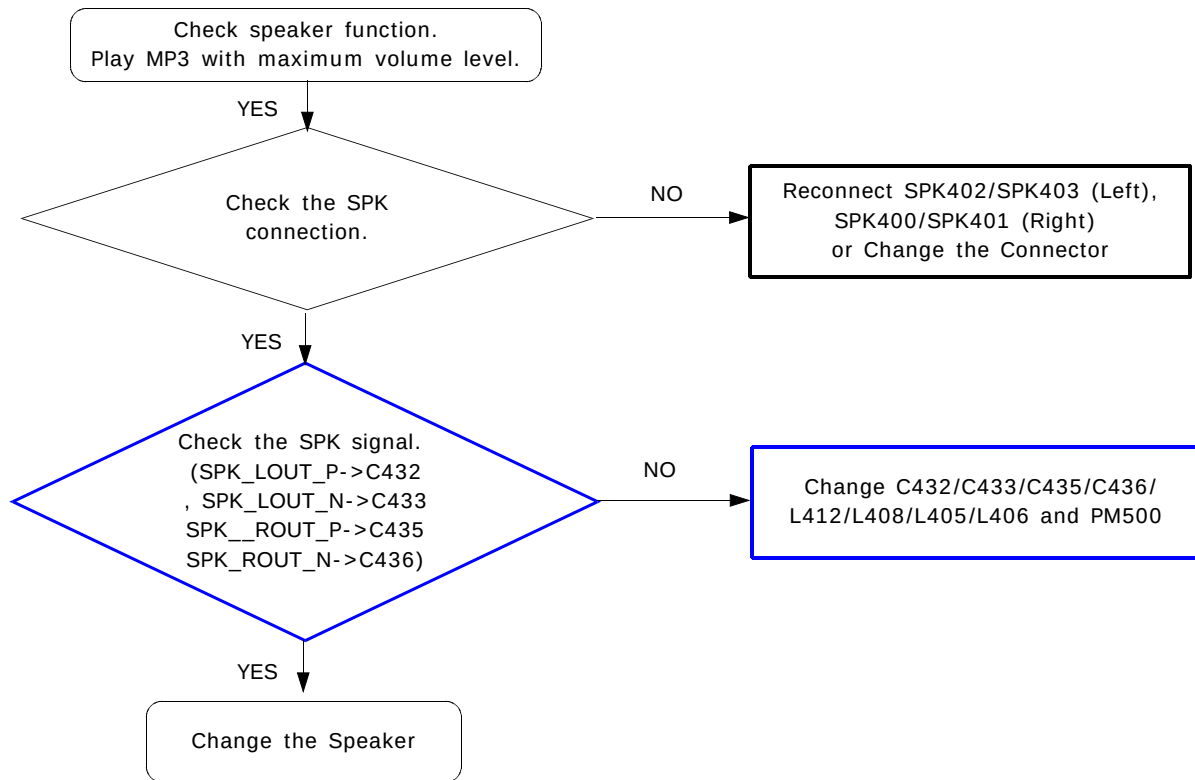
## 8-3-4. Microphone Part

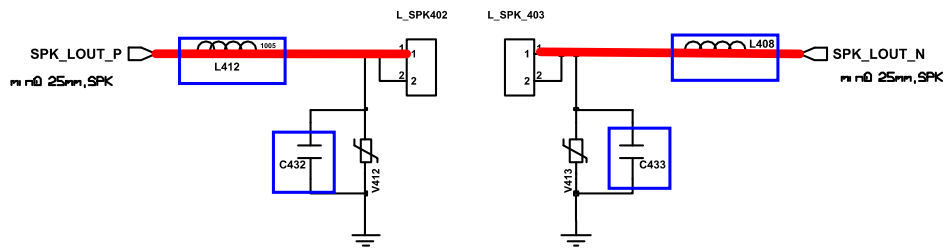


## MAIN MIC

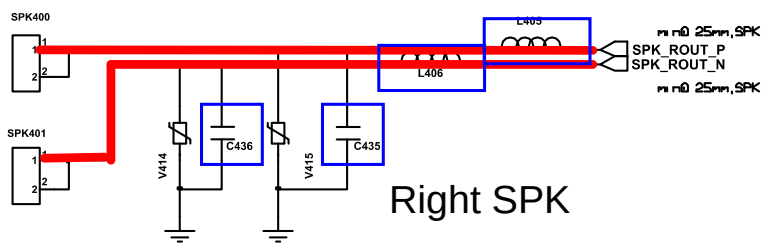


## 8-3-5. Speaker Part

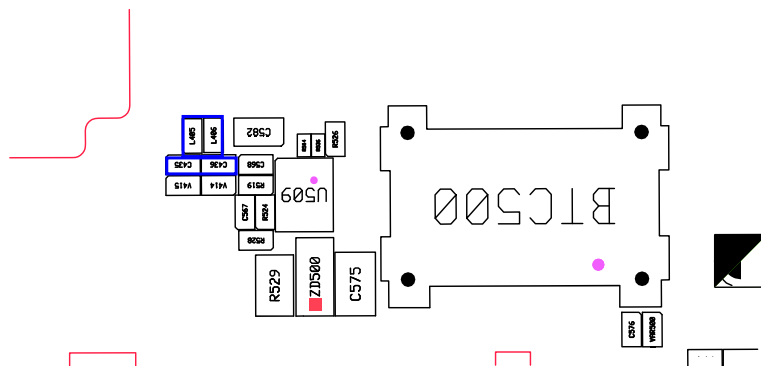
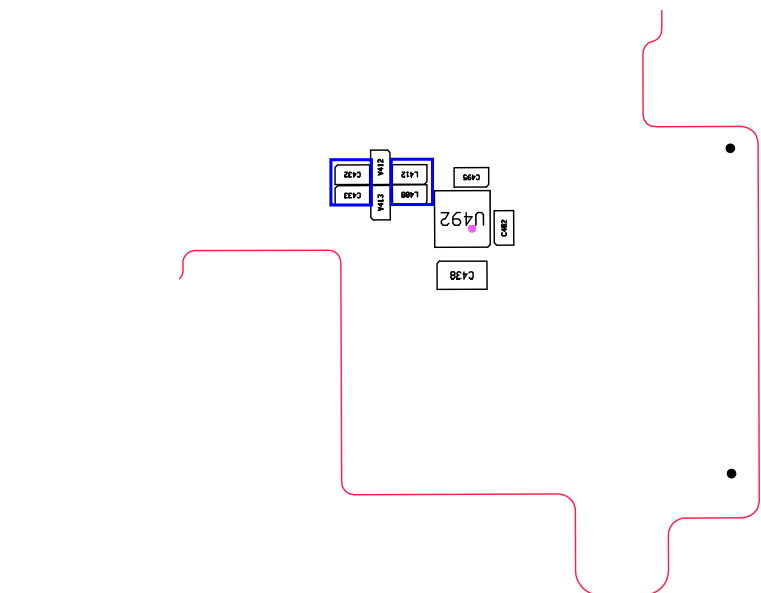




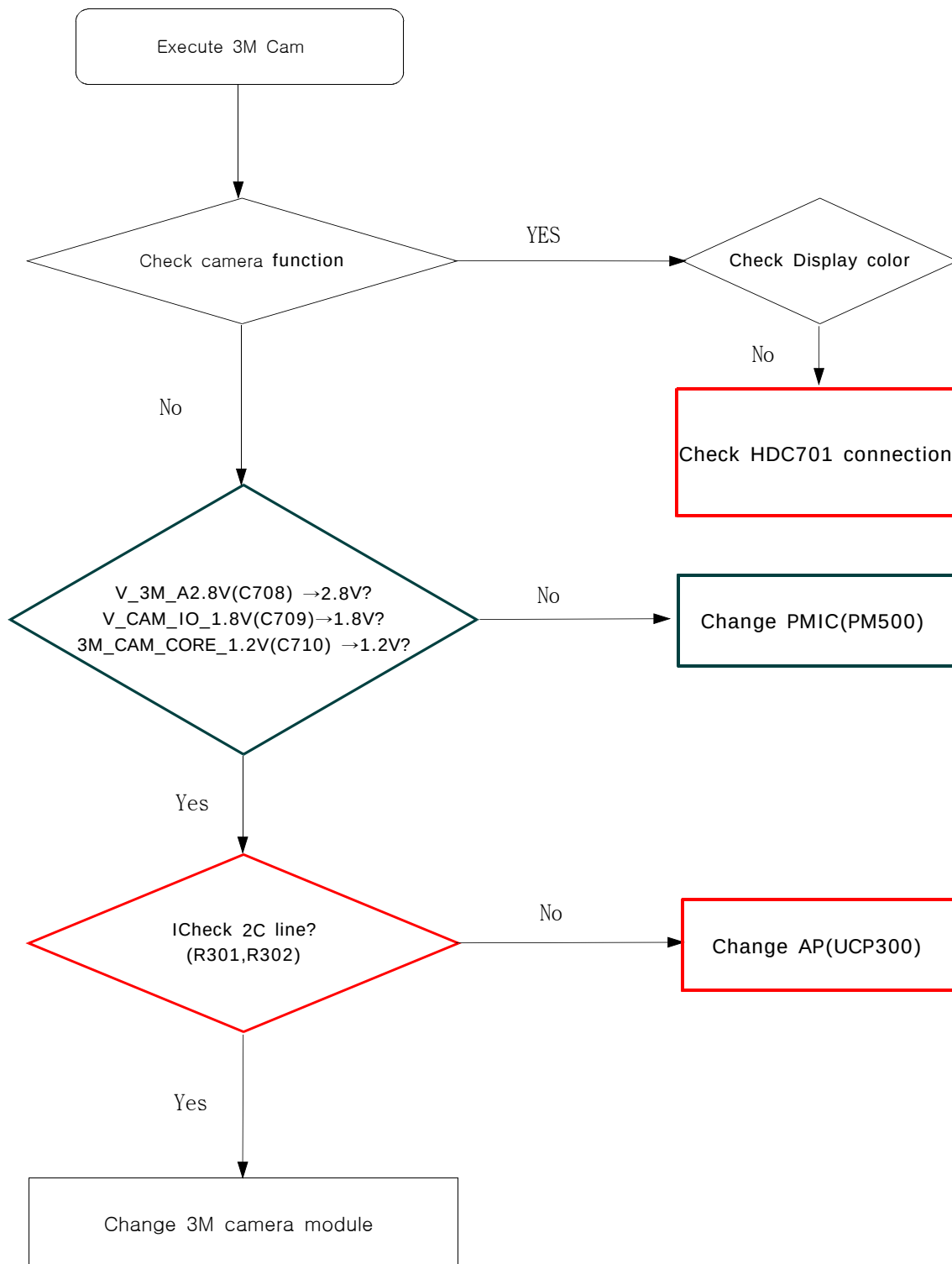
Left SPK



Right SPK

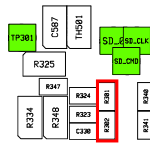
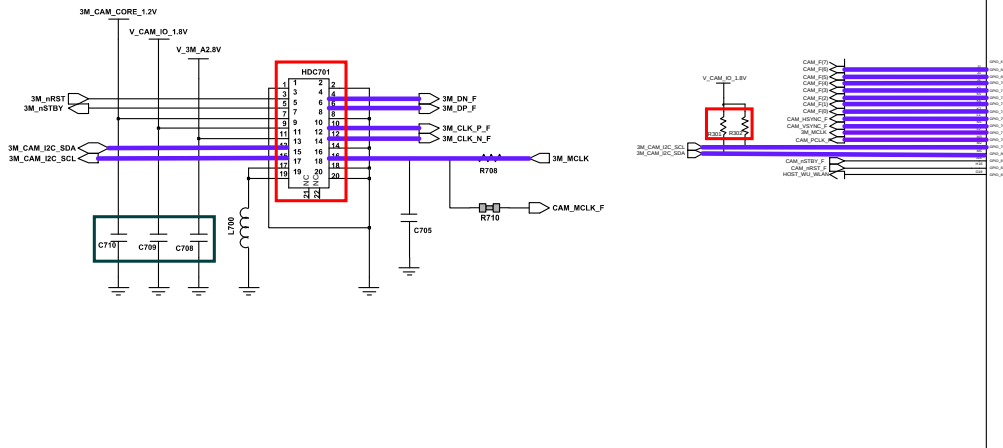


### 8-3-6. 3M Camera

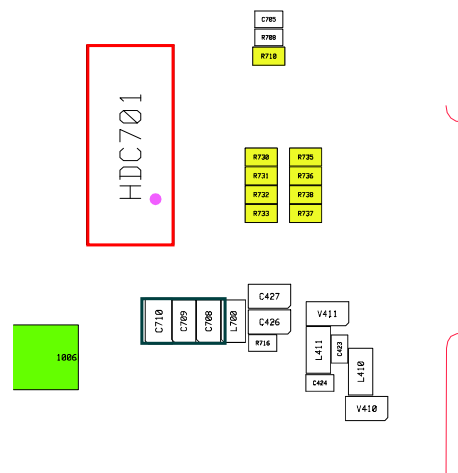




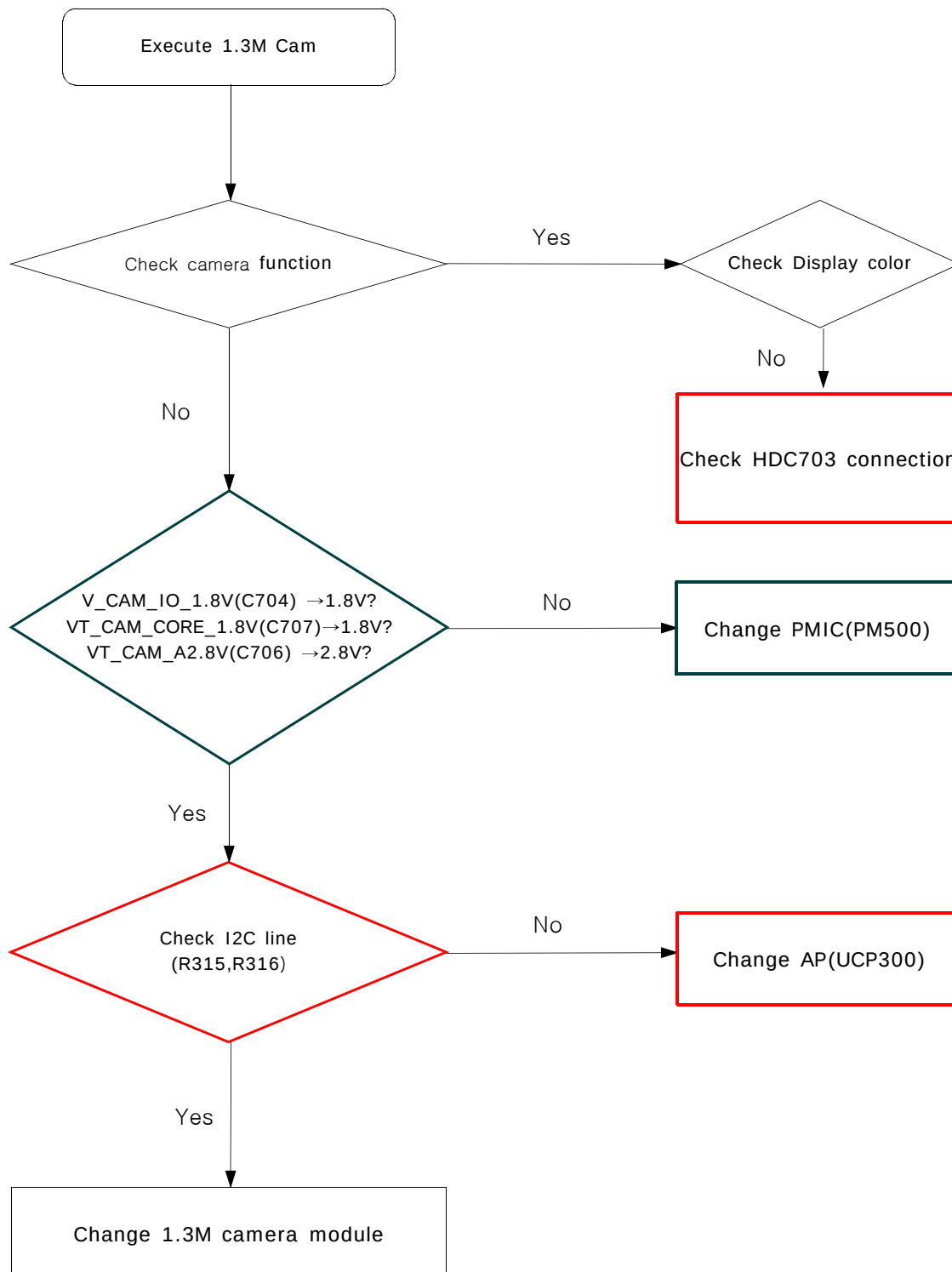
## CAM PART

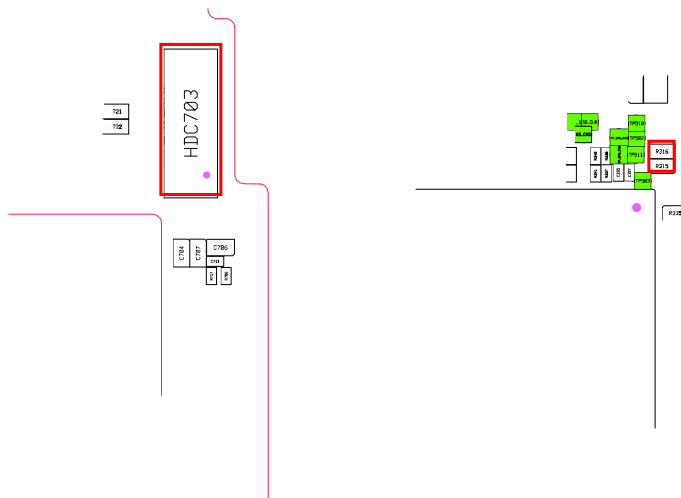


UCP3000

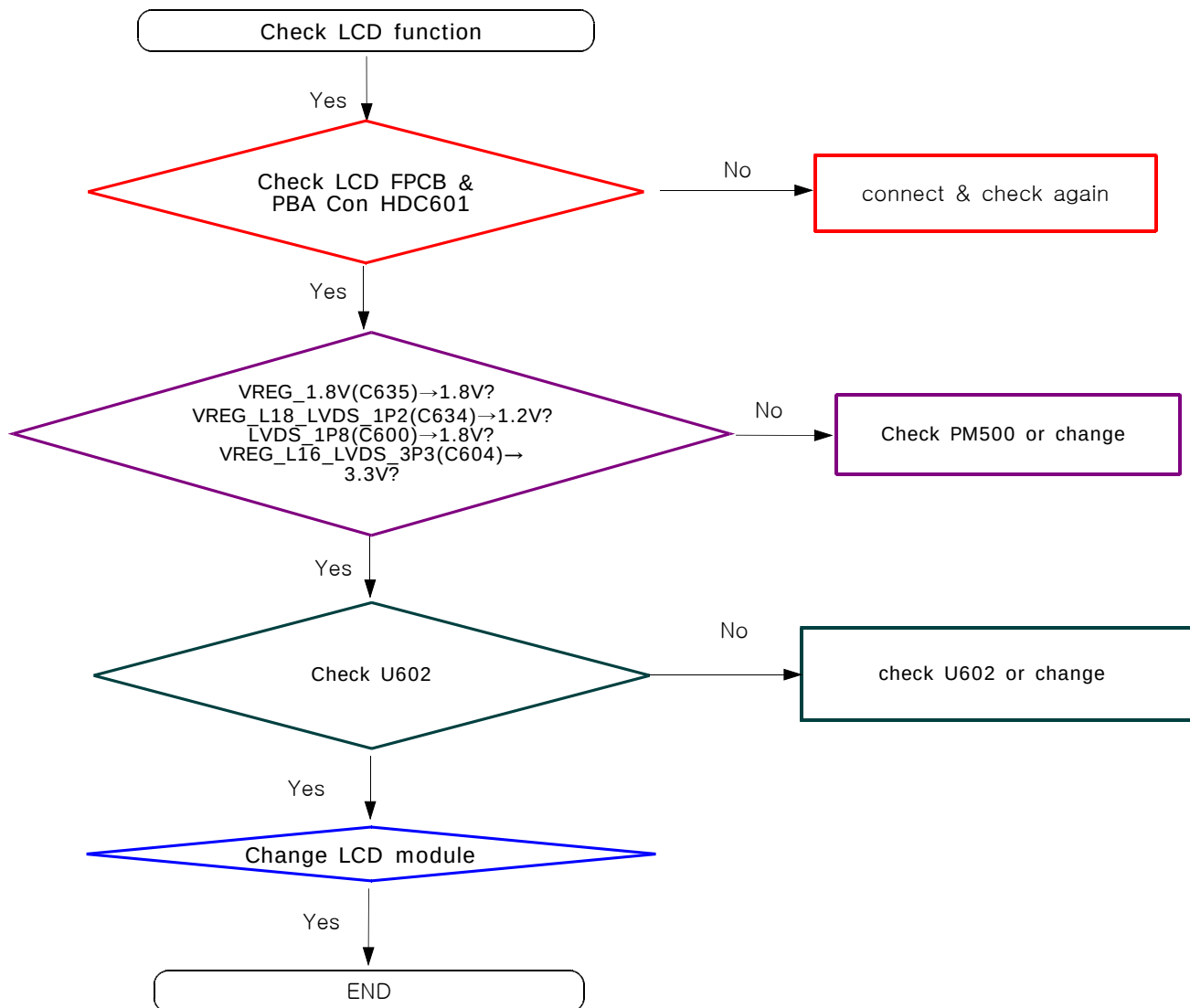


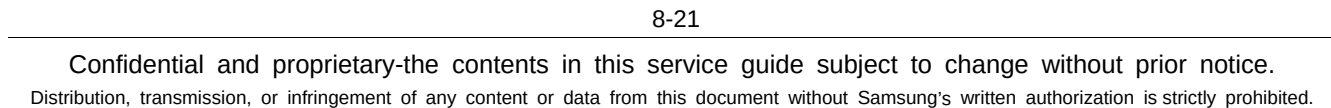
### 8-3-7. 1.3M Camera





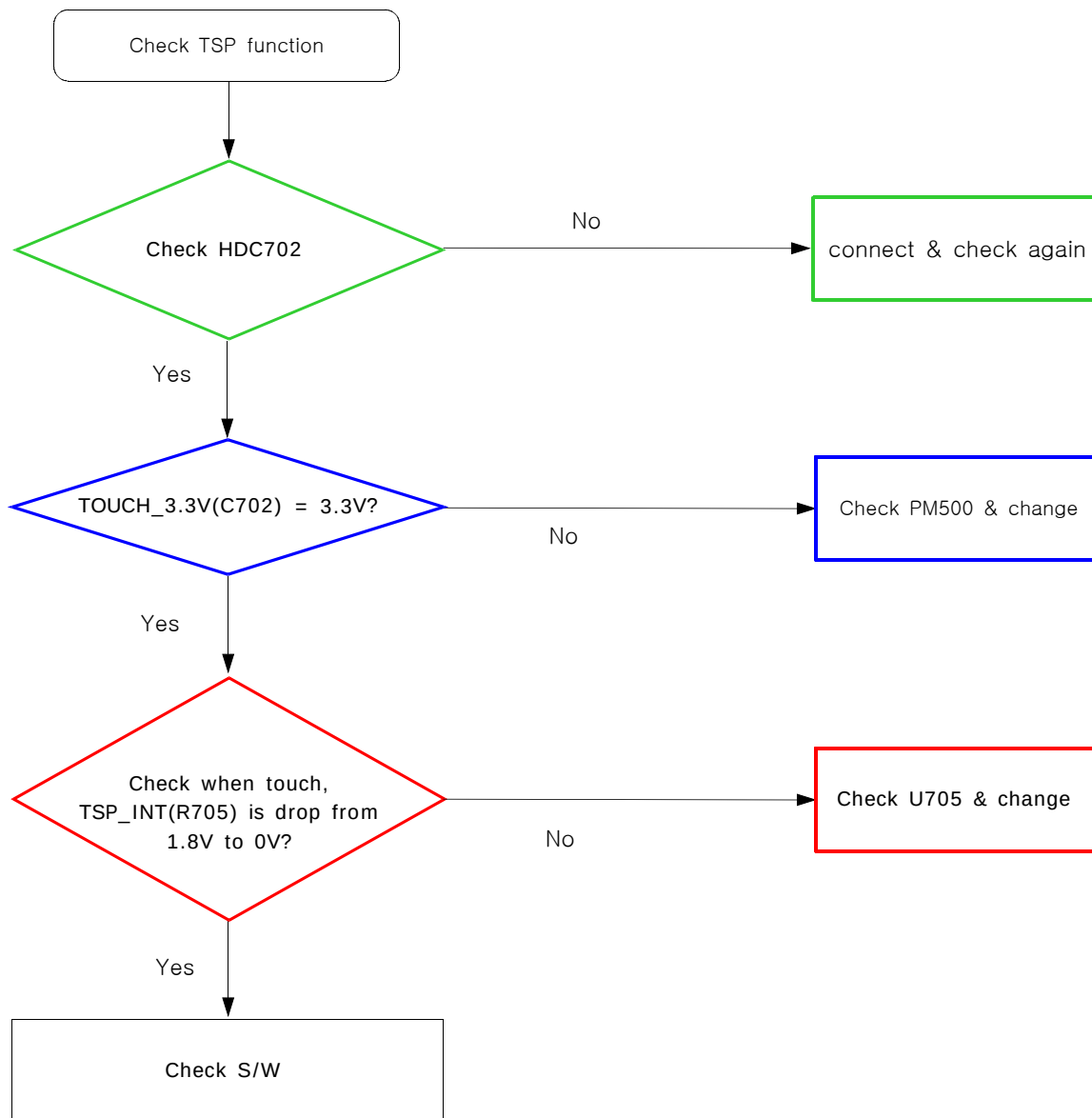
### 8-3-8. TFT LCD

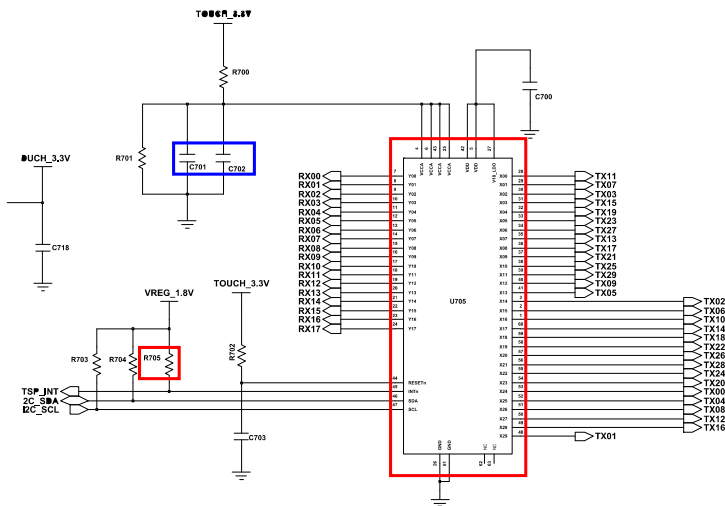
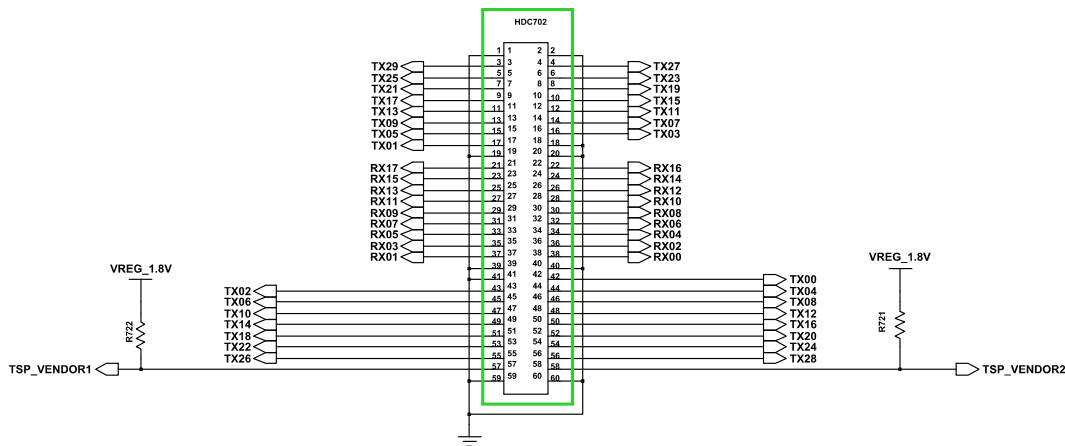




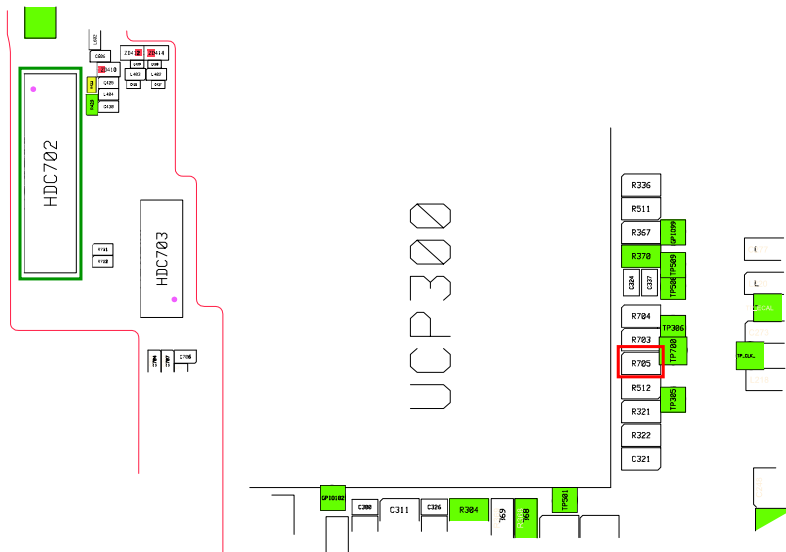


### 8-3-9. TSP

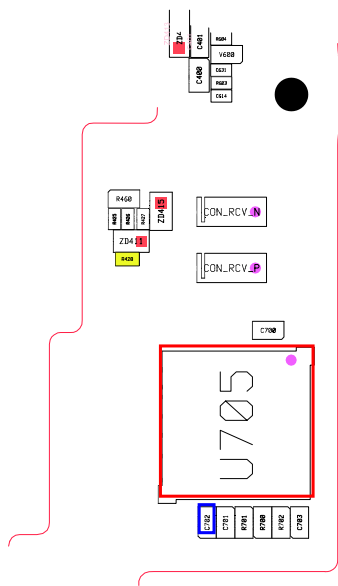




## TOUCH SENSOR IC



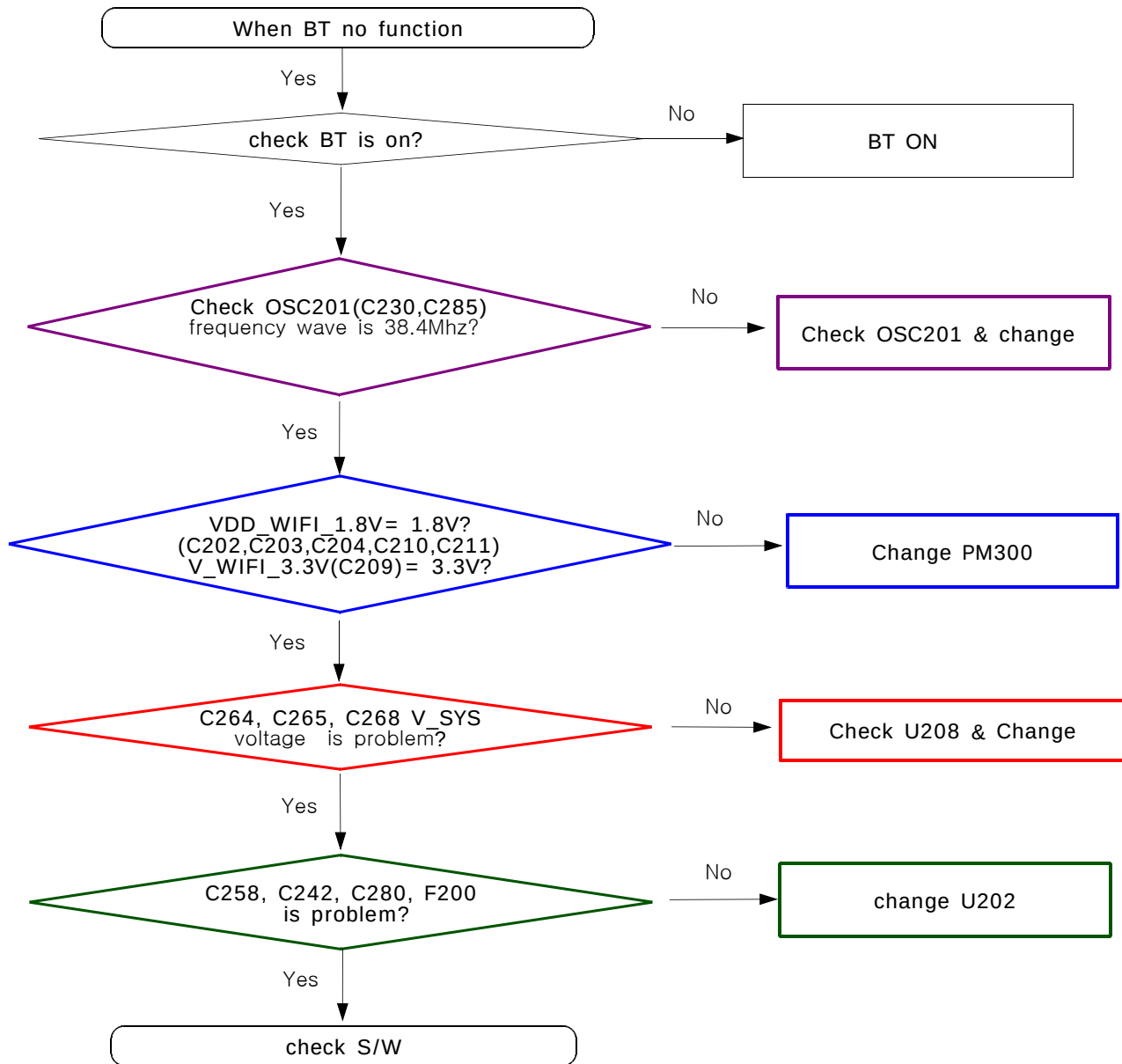


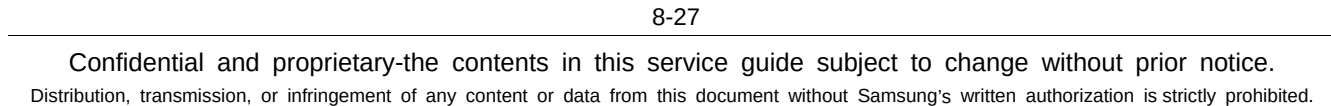


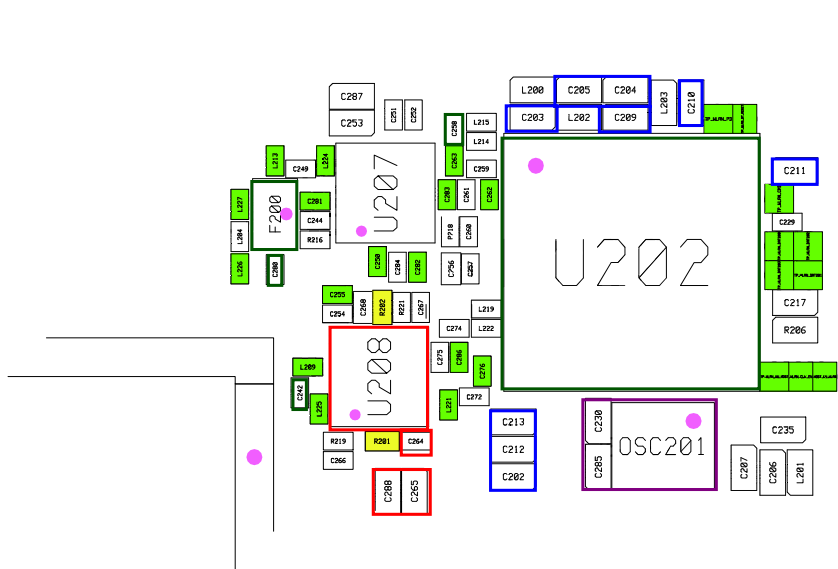
<When TSP, TSP INT voltage (1.8V --> 0V)



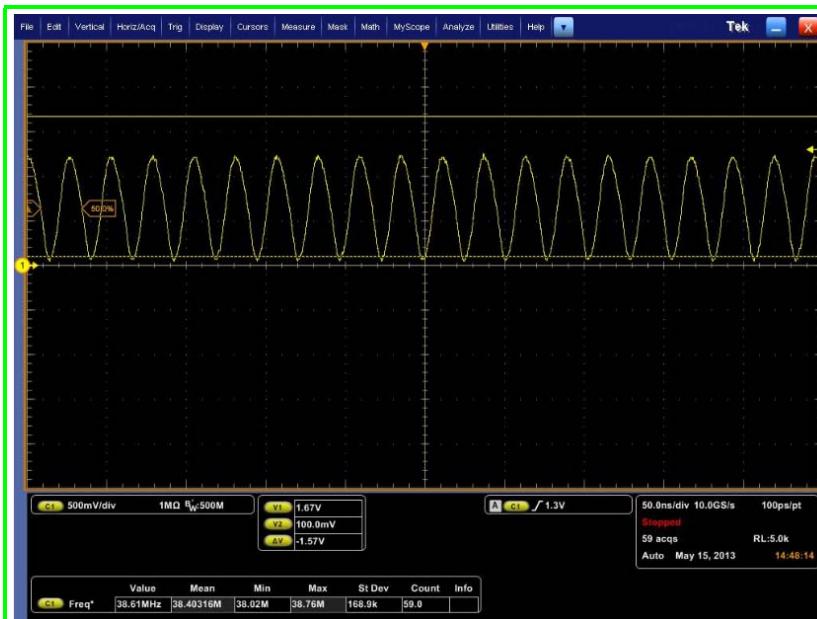
### 8-3-10. BT





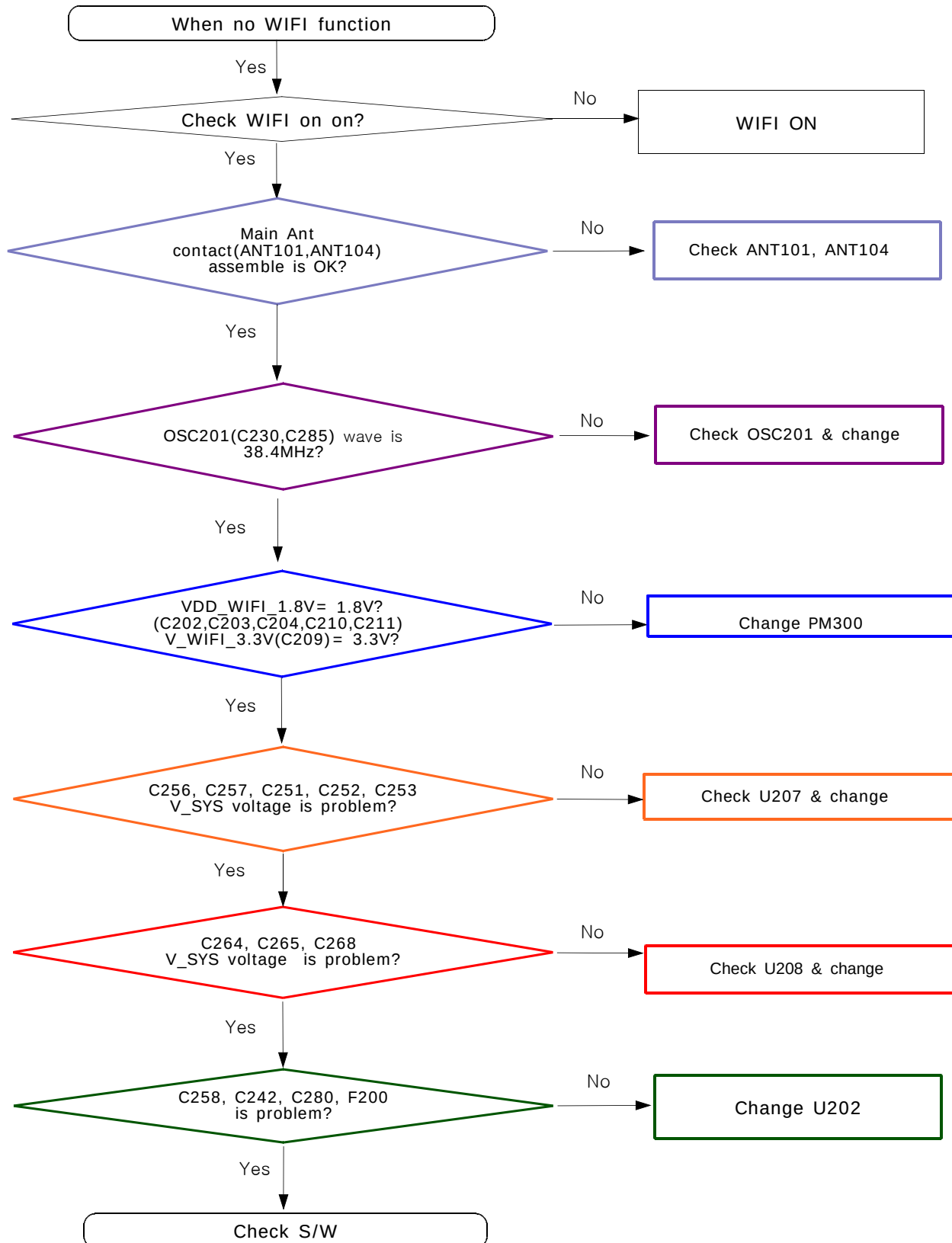


### < OSC201 38.4Mhz wave>

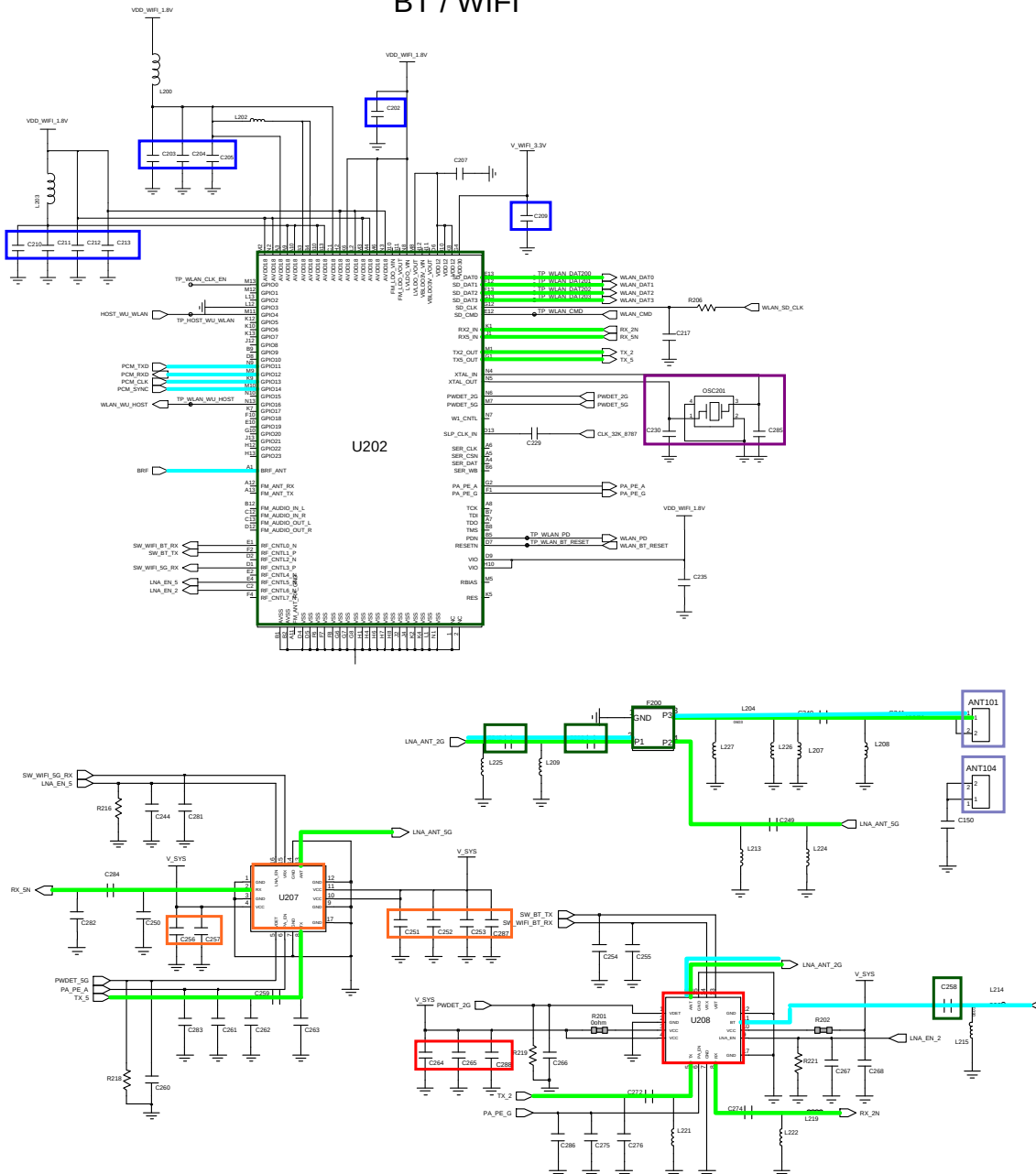


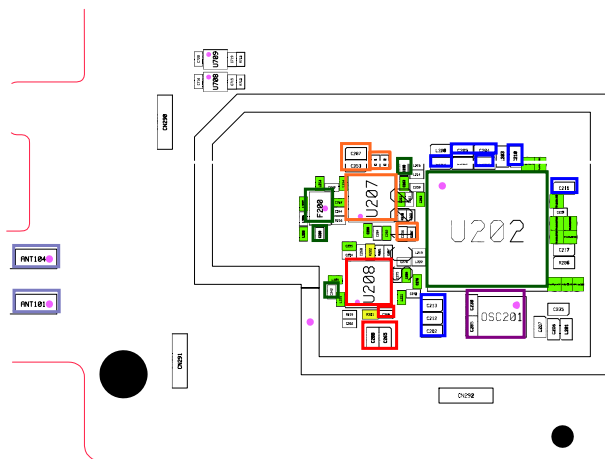
[Voltage Div:500mV,Time Div:50ns]

### 8-3-11. WIFI

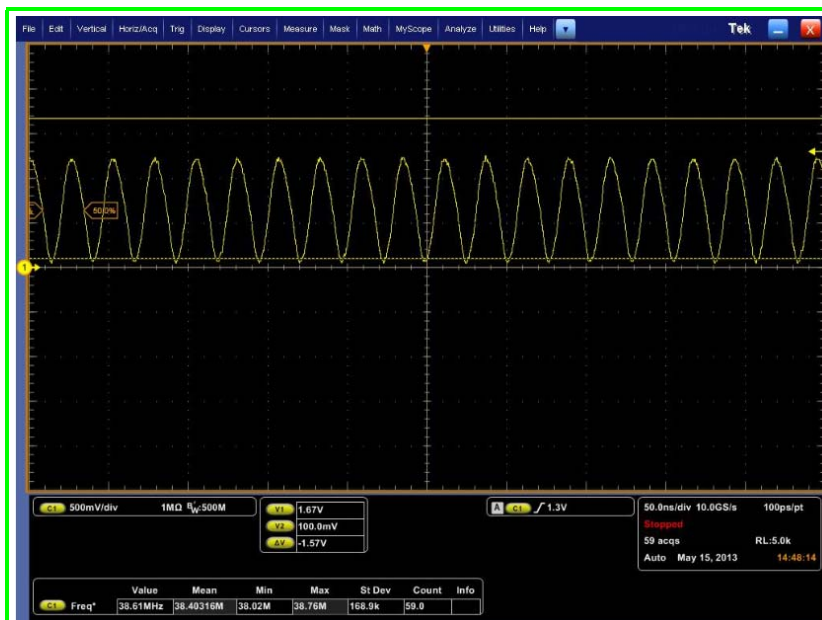


## BT / WIFI





### < OSC201 38.4Mhz wave>



[Voltage Div:500mV,Time Div:50ns]