

**PAP5300DUO**  
**service manual**

# **content**

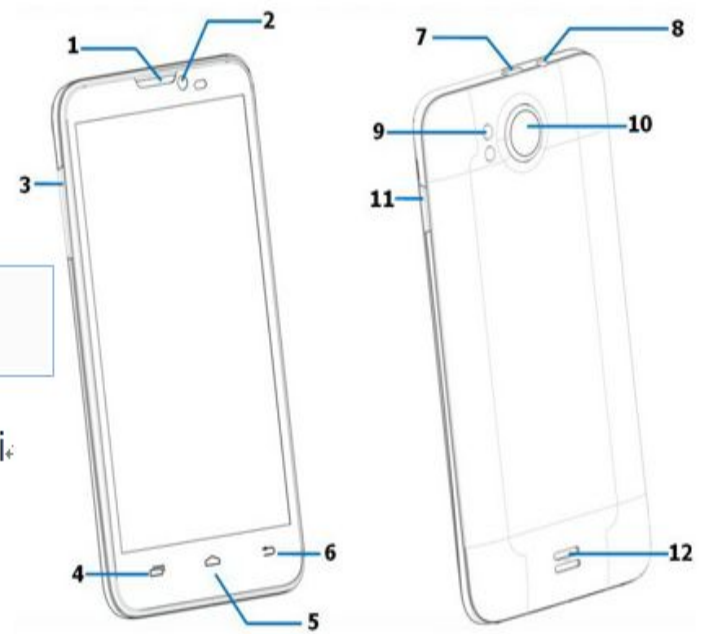
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- 2、 Disassembly guide .....p6-p20**
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# Product introduce



<b>1</b>	<b>Приймач</b>	Отримання голосових дзвінків
<b>2</b>	<b>Передня камера</b>	Фотозйомка перед екраном
<b>3</b>	<b>Гучність + \ -</b>	Налаштування рівня гучності
<b>4</b>	<b>Меню</b>	Відображення опцій меню
<b>5</b>	<b>Головна сторінка</b>	Повернення на Головну сторінку
<b>6</b>	<b>Назад</b>	Повернення на по
<b>7</b>	<b>USB-порт</b>	Підключення кабе
<b>8</b>	<b>Роз'єм навушників</b>	Підключення навушників
<b>9</b>	<b>Фотоспалах</b>	Фотозйомка в умовах низької освітленості
<b>10</b>	<b>Задня камера</b>	Фотозйомка
<b>11</b>	<b>Живлення</b>	Увімкнення / вимкнення пристрою; Перехід в / вихід зі сплячого режиму
<b>12</b>	<b>Динамік</b>	Відтворення музики телефону

当前词典中暂无与“o”相符的解释



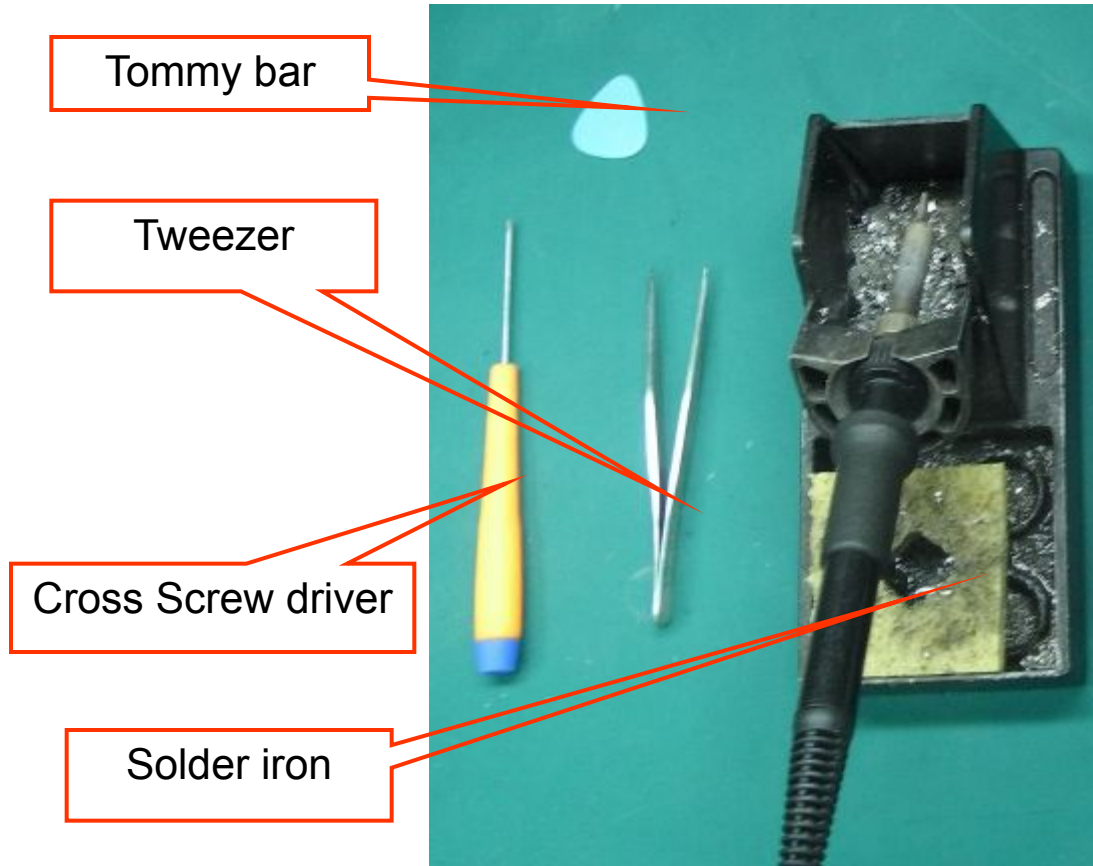
# Product introduce

- Model :**
- Product size:** 147\*77.2\*9.9
- Platform:** Qualcomm MSM8225Q, Quad-Core 1.2GHz
- Memory:** 4GB+1GB (Nand&sdram+RAM)
- System:** Android 4.1
- Frequency band:** WCDMA:900/2100MHz, GSM:900/1800/1900MHz
- Battery:** 2100mAh
- charger:** Travel charger
- USB cable:** MICRO 5PIN
- earphone:** 3.5jack
- LCD&TP:** 5.3 FWVGA TN, resolution:854\*480, Capacitance TP (Glove touch), multi-point touch
- Camera:**1.2M and 8.0M CMOS
- Support:**GPS, BT4.0, WIFI, FM。
- Support:**3D graphics accelerator, accelerator sensor, distance sensor, light feeling sensor。

# Disassembly guide

## 1. Tools list

Tweezer /Cross screw driver/ Solder/Tommy bar/hot gun



# Disassembly guide

## 2. Battery cover disassembly

open the battery cover, as the Fig. 1

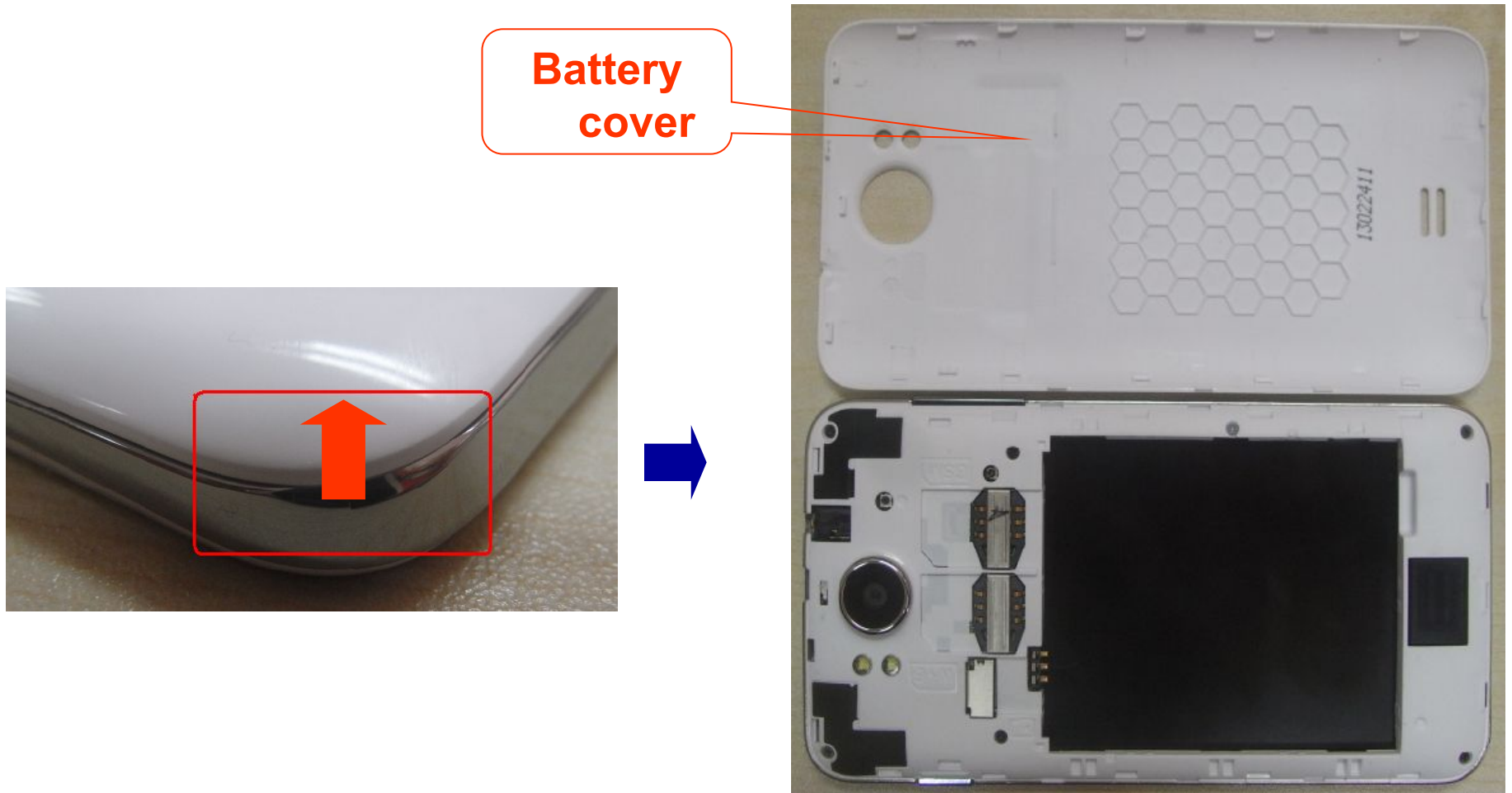


Fig. 1

# Disassembly guide

## 3. Back cover disassembly

1) Unscrew 7 screws in back cover , as the Fig.2;

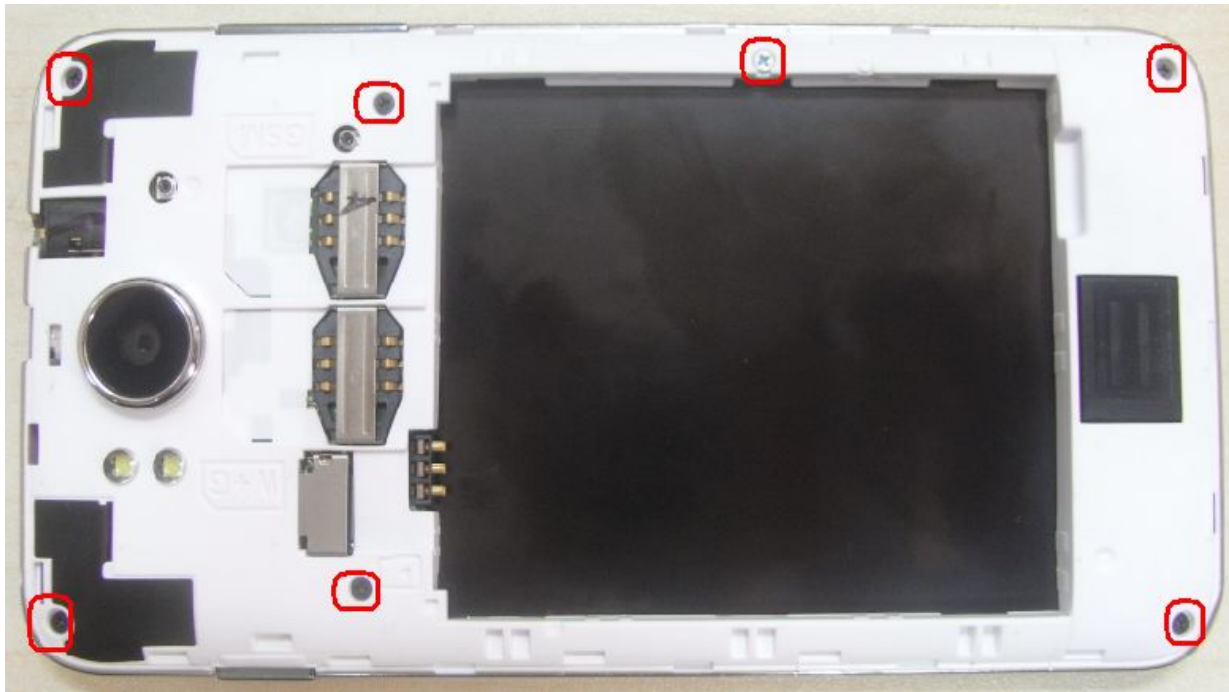


Fig. 2



# Disassembly guide

2) Disassemble back cover with Tommy bar , as the Fig.3;

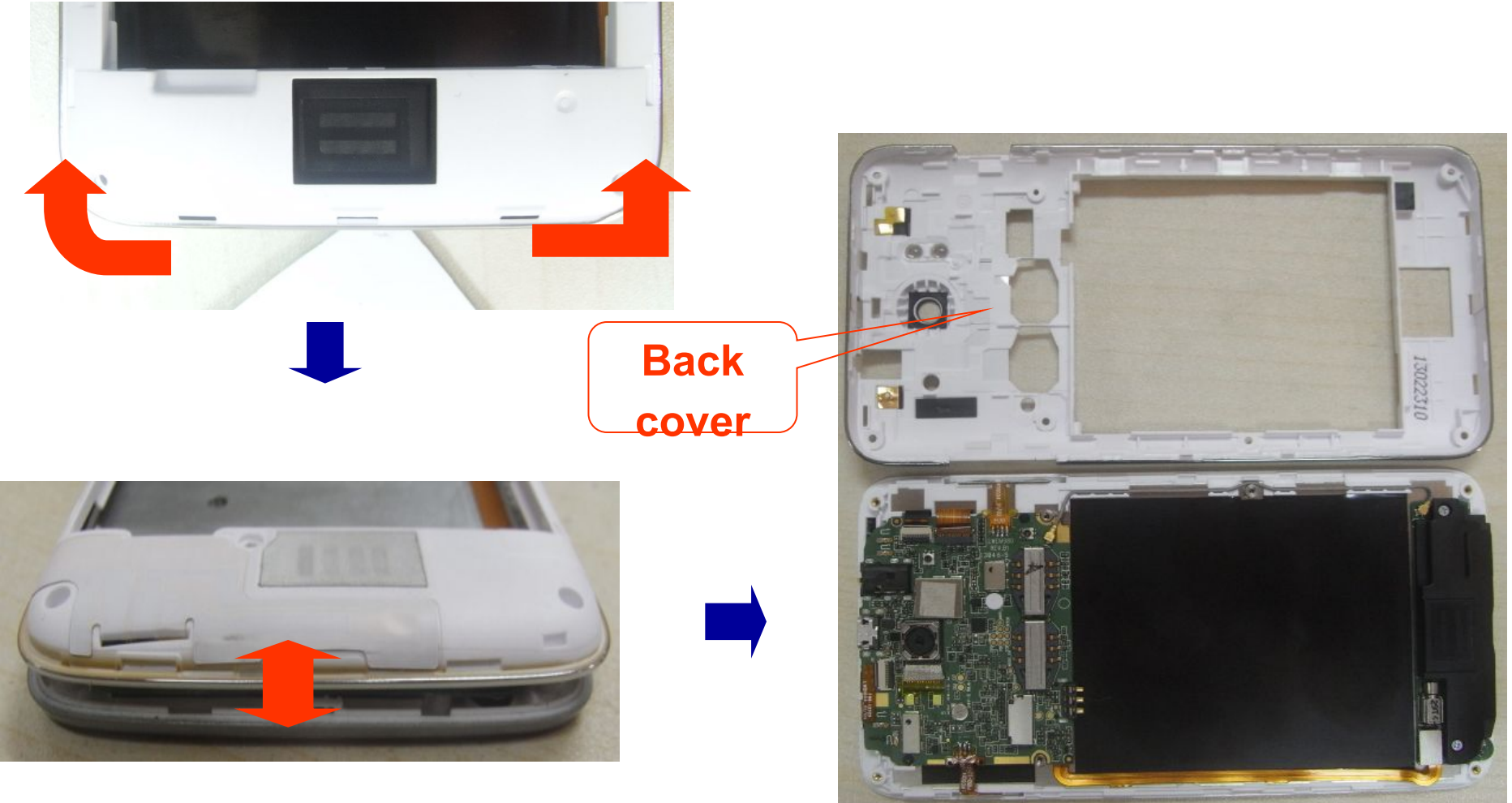


Fig. 3

# Disassembly guide

## 4. Main board and front cover disassembly

1) The main components of distribution, as the fig.4 ;

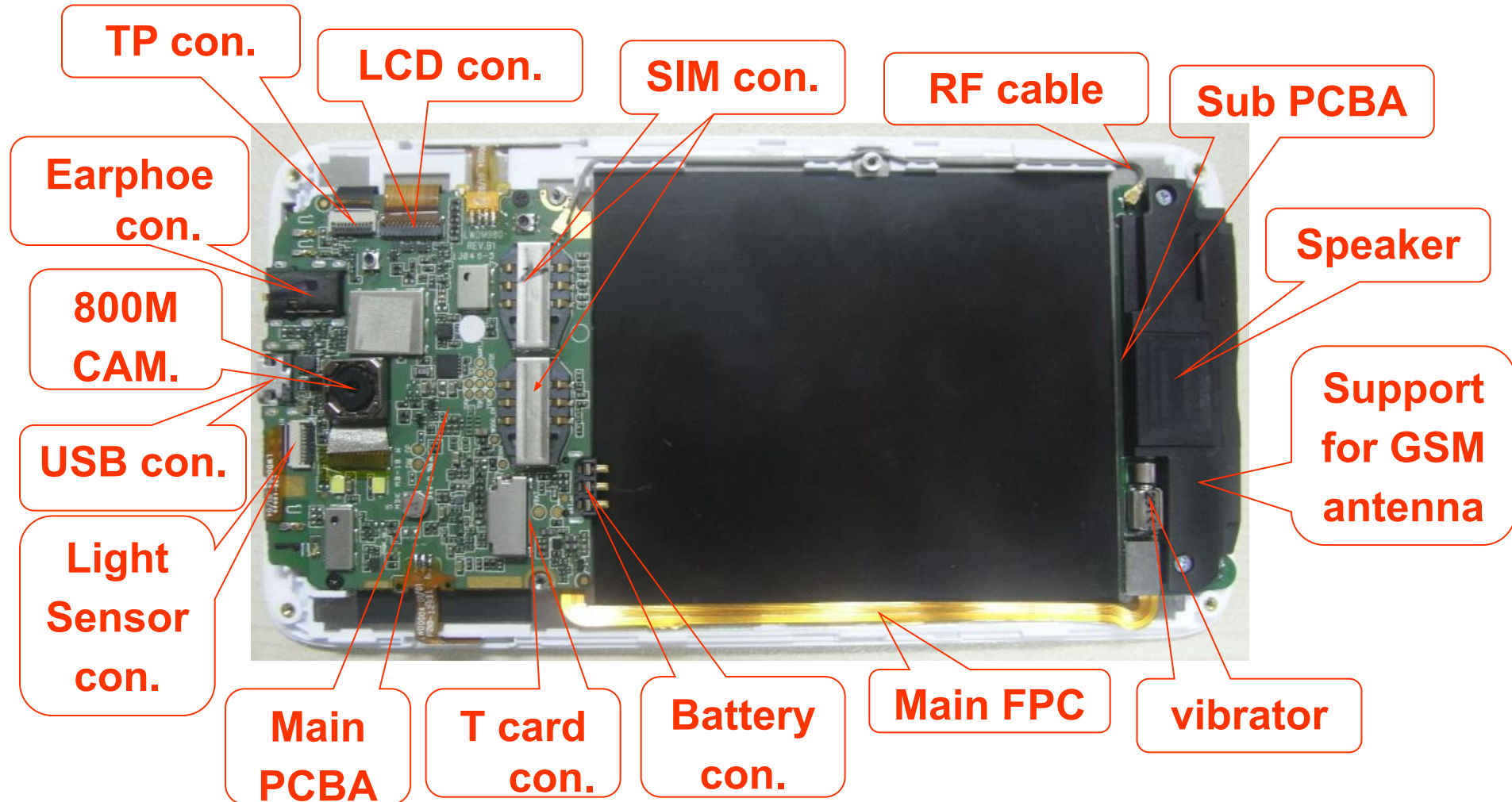


Fig.4

# Disassembly guide

2) remove two screws and open the LCD con.& TP con. , as the fig.5;

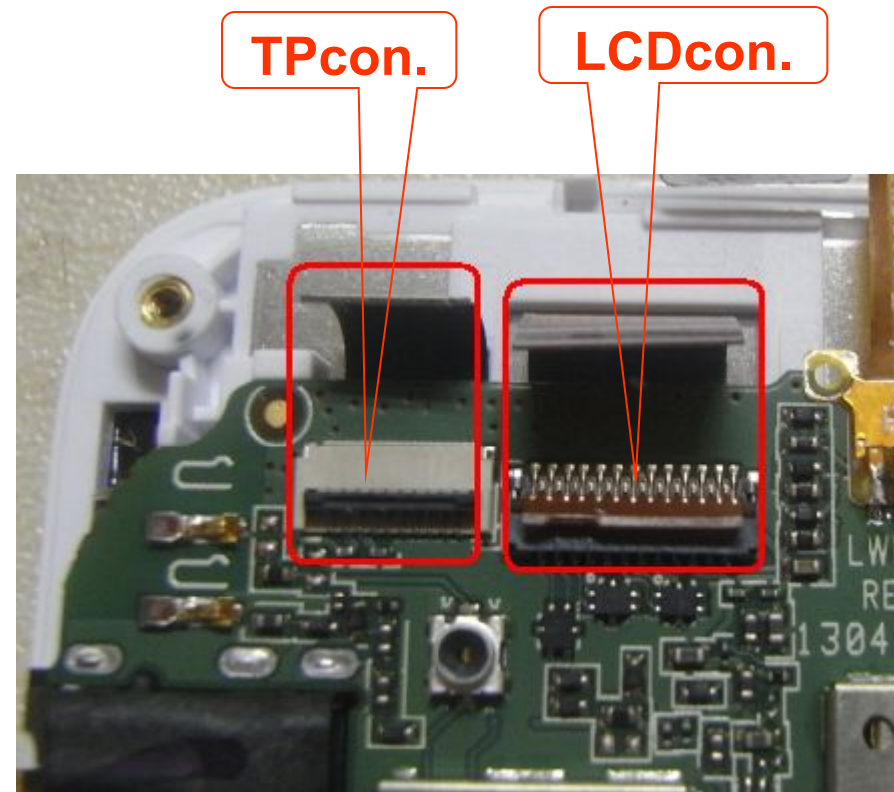
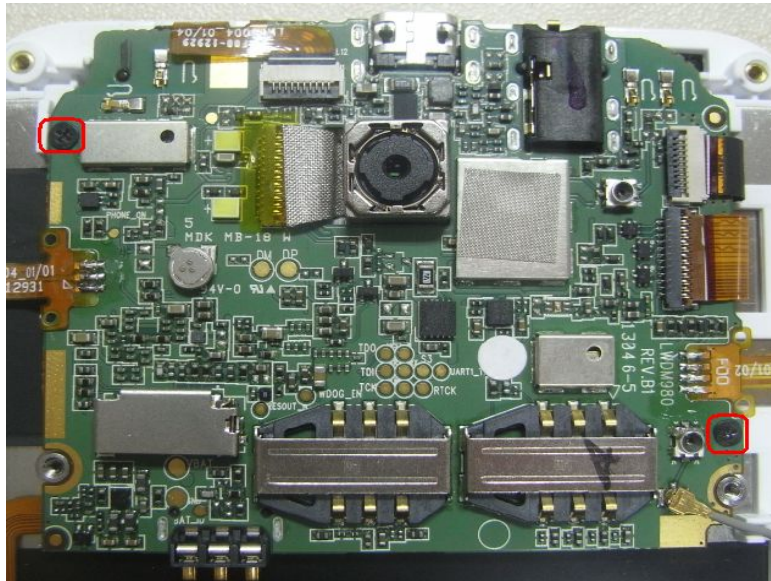
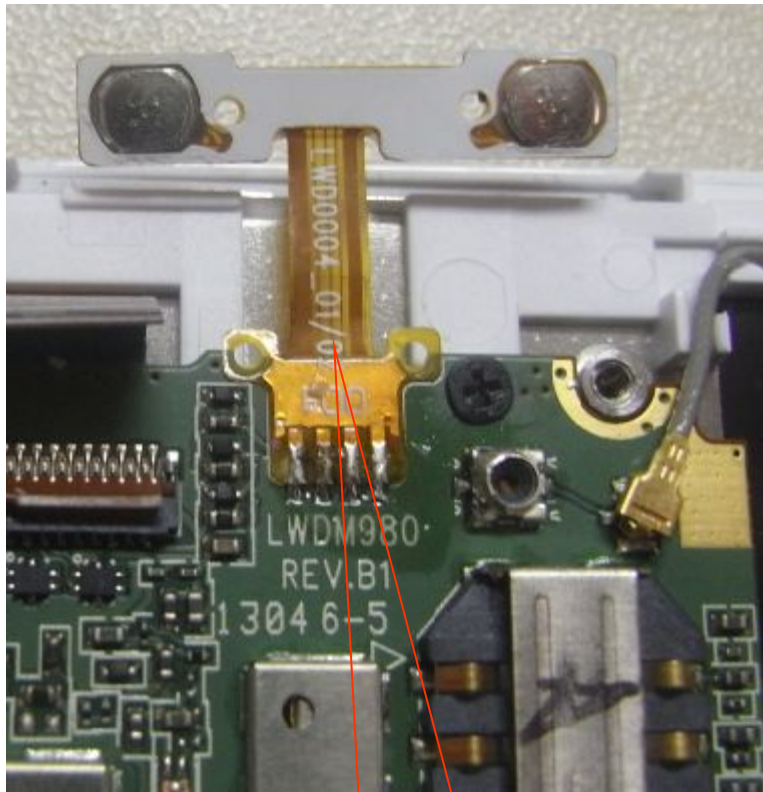


Fig.5

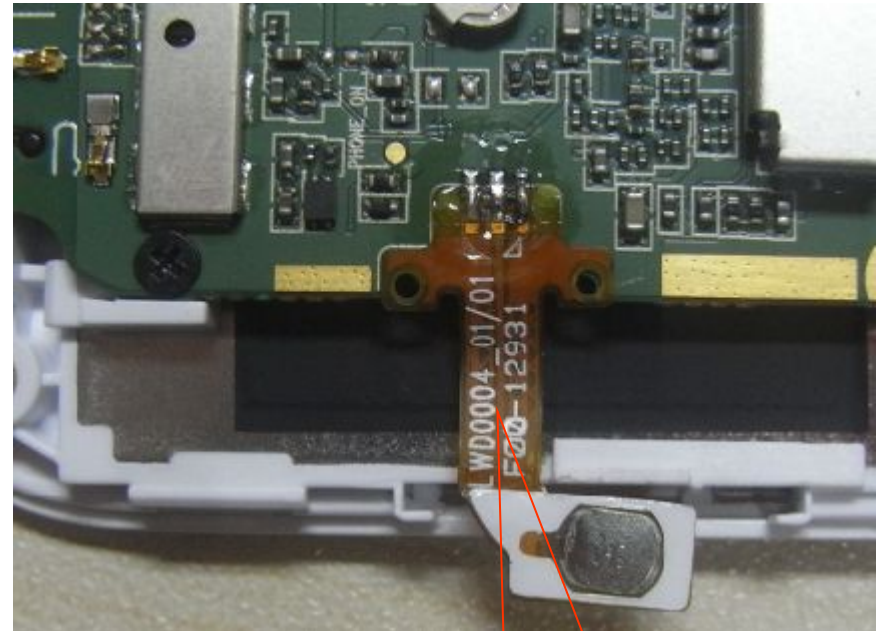


# Disassembly guide

3) remove the volume key FPC & power key FPC, as the FIG. 6



**Volume key  
FPC**



**Power key  
FPC**

Fig.6

# Disassembly guide

4) open the main board and remove the RF cable con. And main FPC con..as the FIG.7

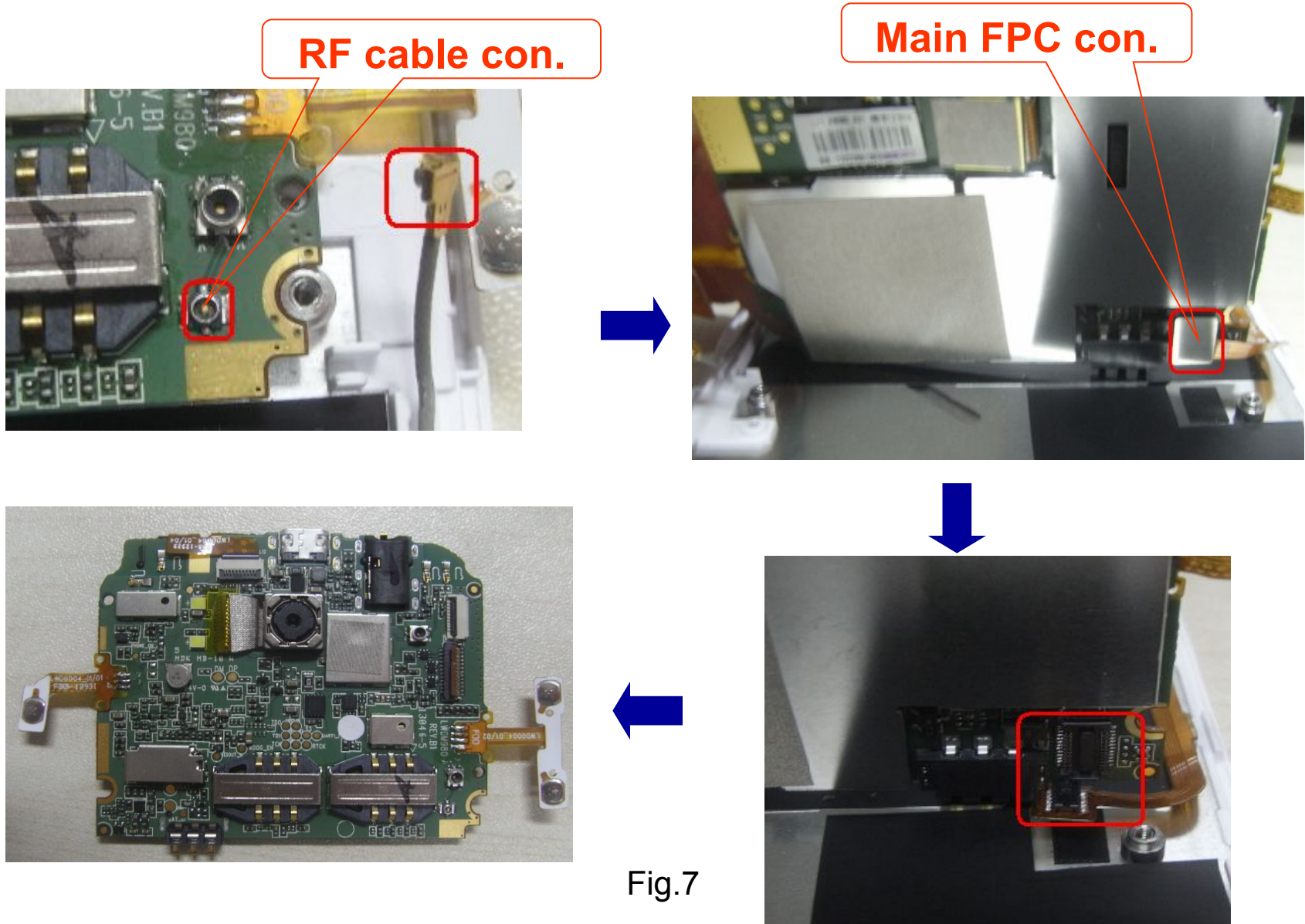
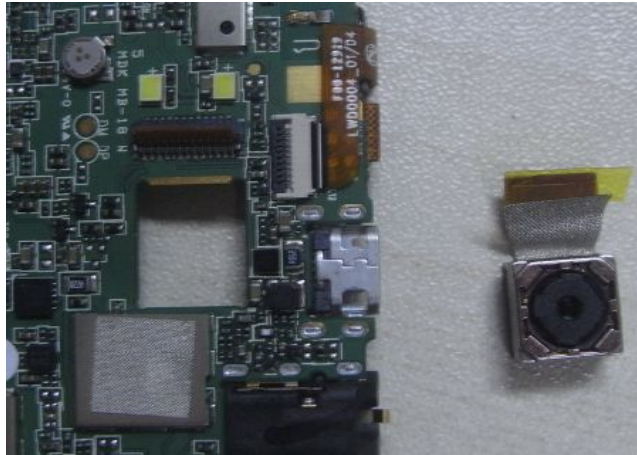


Fig.7

# Disassembly guide

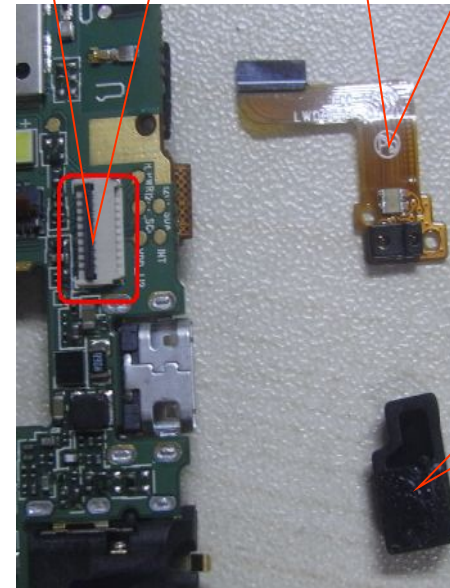
## 5. 3M camera & light sensor disassembly

remove the light sensor and 1.2M camera and 8M camera , as the fig.8;

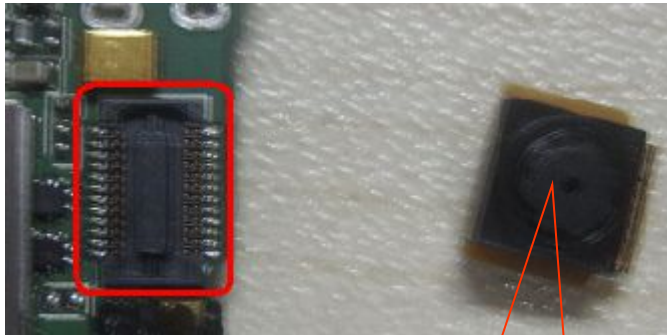


**Light sensor con.**

**Light sensor FPC**



**Support For  
Light sensor**



**1.2M cam.**

Fig.8



# Disassembly guide

## 6. Power key FPC & volume key FPC disassembly

remove the power key FPC and volume key FPC with the iron, as the fig.9;



Fig.9

# Disassembly guide

## 7. receiver and speaker disassembly

remove the receiver and speaker, as the FIG.10;

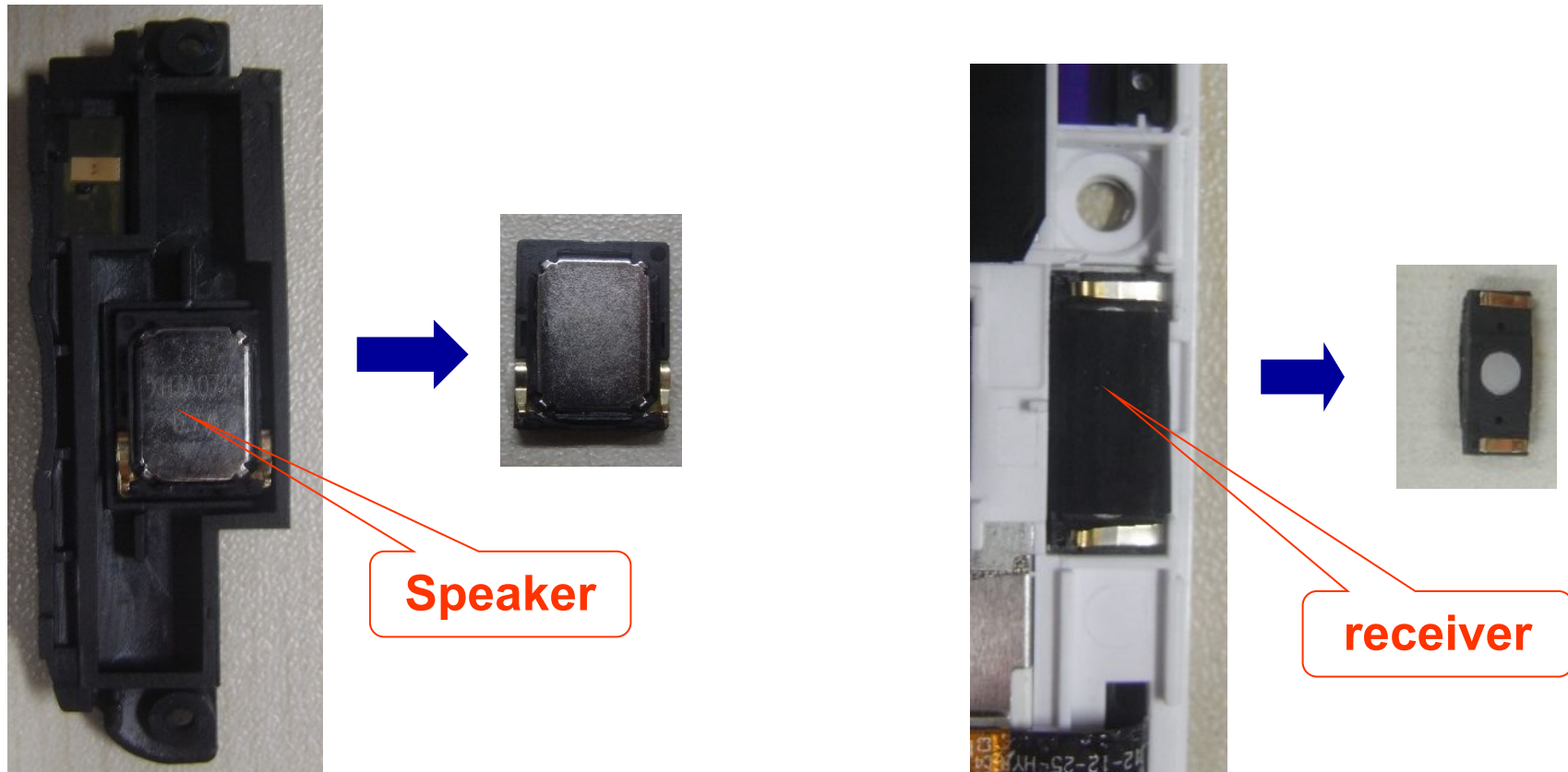


Fig.10



# Disassembly guide

## 8. Sub PCBA disassembly

remove two screws and the sub PCBA and Support for GSM antenna from the , as the fig.12;

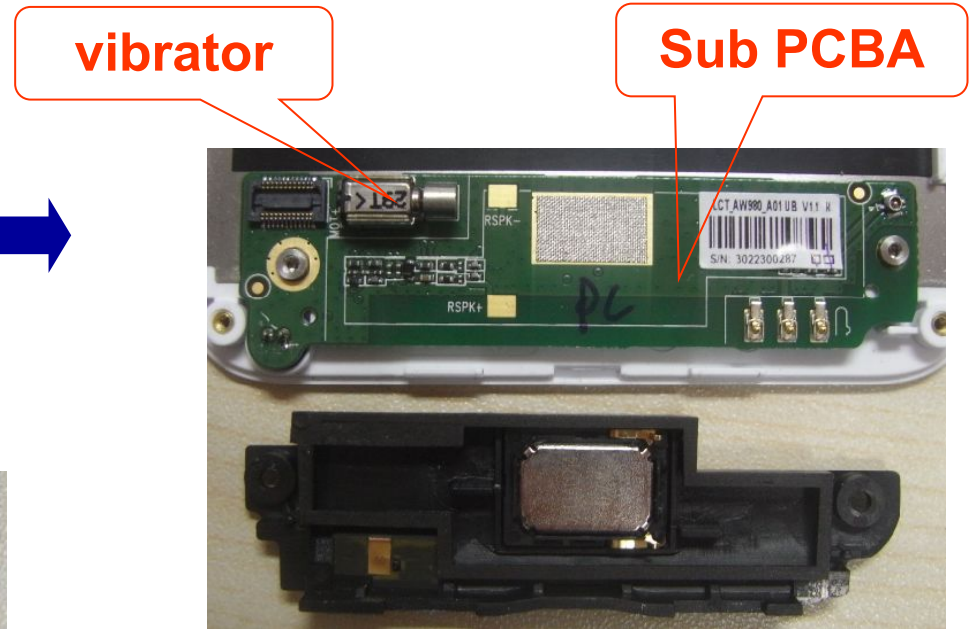


Fig.12

# Disassembly guide

## 9. RF cable 、 Main FPC disassembly

Remove the RF cable and main FPC , as the fig.11

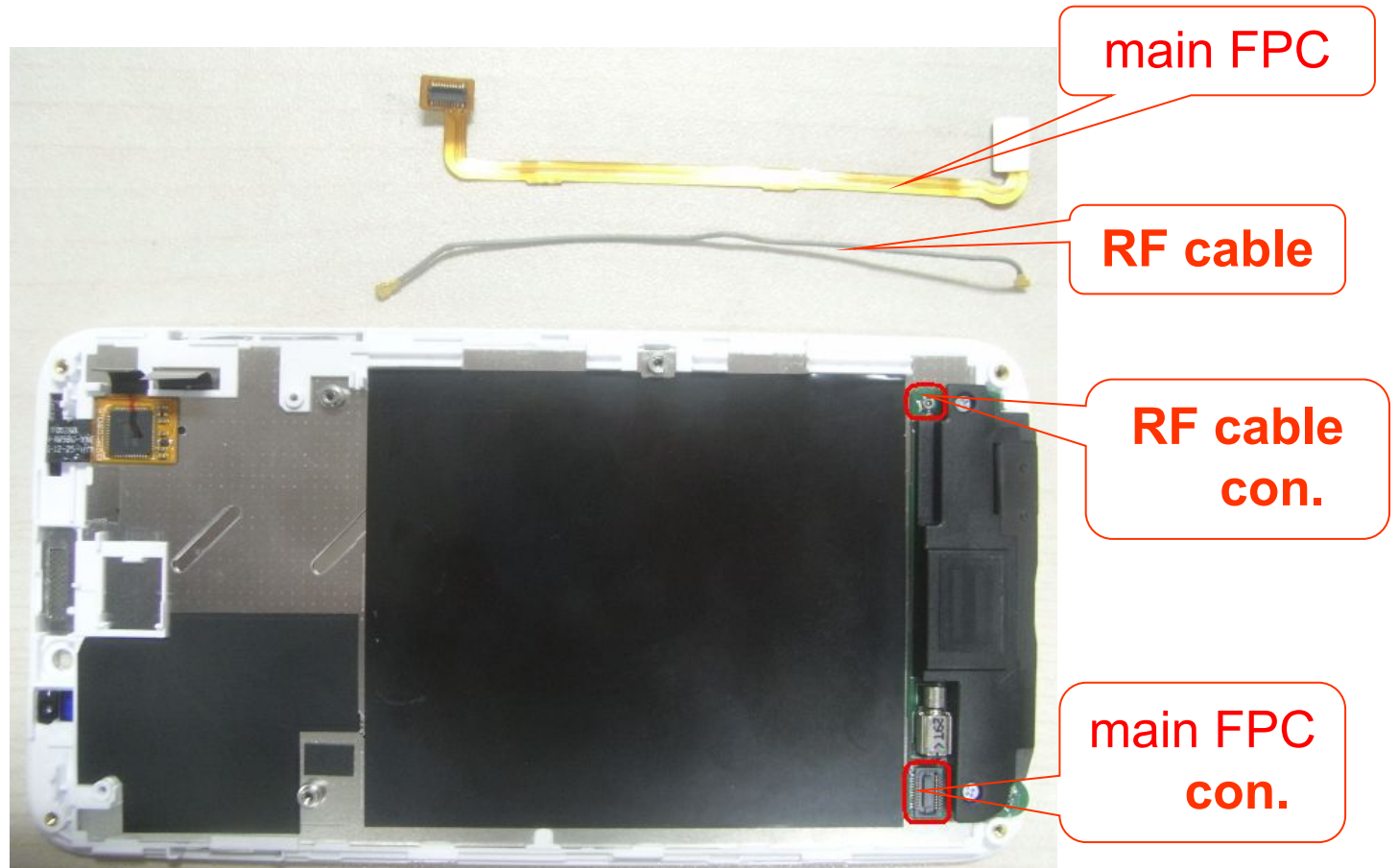


Fig.11

# Disassembly guide

## 10.MIC disassembly

Remove MIC, as the fig.13;

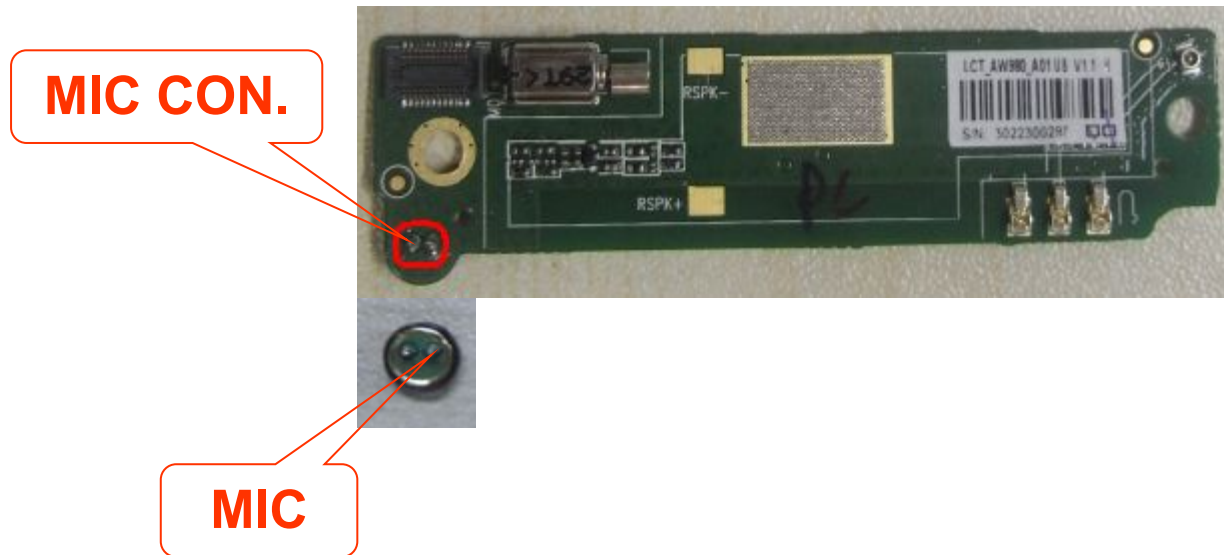


Fig.13

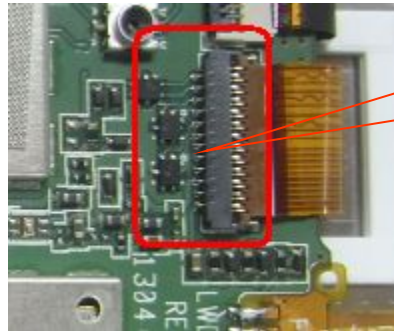
# Structure parts diagram



# Repairing guide

## 1. LCD

- a. Check if the SW is correct, otherwise to upgrade the SW;
- b. Check the LCD if is ok, otherwise change a new LCD;
- c. If that the LCD loose, re-assemble the LCD and test;
- d. Checking the LCD connector if is ok, otherwise re-solder it or change a new one;
- e. Checking the circuit around the LCD connector.



**LCD  
connector**

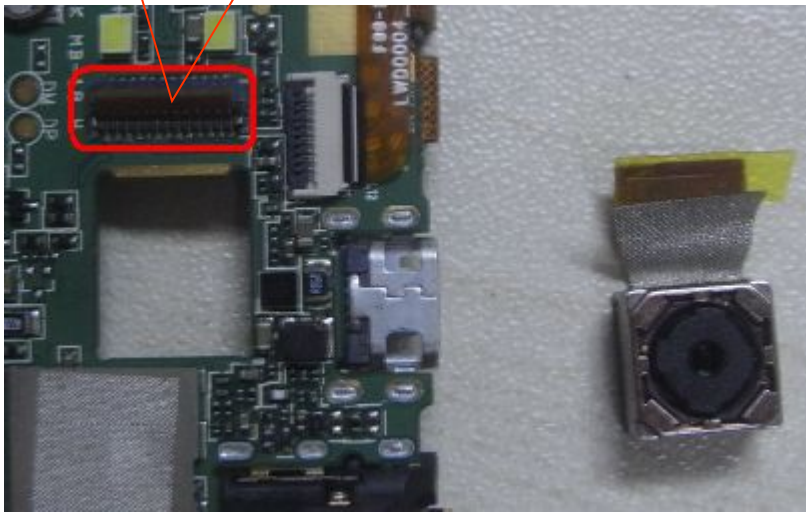


# Repairing guide

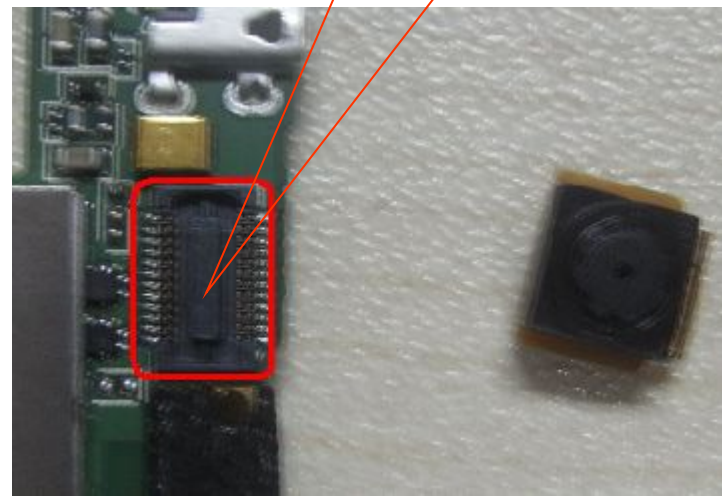
## 2. Camera

- a. Checking the camera is assemble ok, re-assemble the camera and test;
- b. Using the good camera to do cross test, it can check if the camera is ok;
- c. Checking the camera connector if is ok as below picture, otherwise to re-solder or change a new one;
- d. Checking the circuit around the camera connector.

**Back Camera connector**



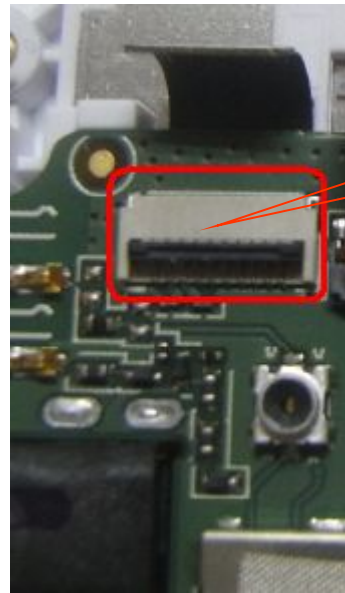
**Front Camera connector**



# Repairing guide

## 3. TP

- a. Checking the SW and upgrade the SW;
- b. Checking the FPC of TP and re-assemble it;
- c. Using the good TP to do cross test;
- d. Checking the TP connector, otherwise re-solder or change a new one;
- e. Checking the circuit around the TP connector.

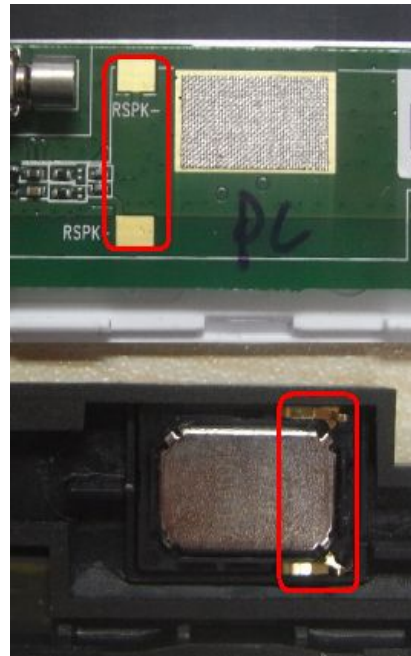


**TP Connector**

# Repairing guide

## 4. Ring

- a. Checking the shrapnel of speaker if is ok;
- b. Checking the resistance of speaker if is ok, otherwise to change a new one;
- c. Checking the FPC if is ok;
- d. Checking SPK-FPC if connector with sub-board is ok.

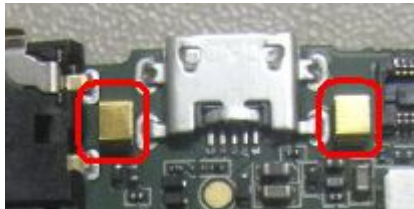




# Repairing guide

## 5.receiver

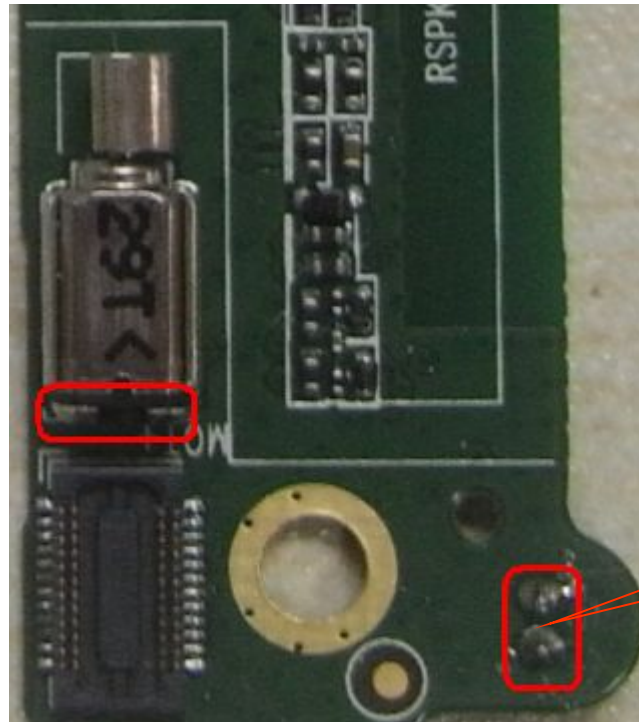
- a. Checking the shrapnel of receiver if is ok;
- b. Checking the resistance of receiver if is ok, otherwise to change a new one;
- c. Checking the connector point on the main board if is ok, as below picture;
- c. Checking the receiver circuit if is ok.



# Repairing guide

## 6.MIC and Vibrator

- a. Checking the MIC and Vibrator is cold soldering, re-solder it;
- b. Change the MIC and Vibrator;
- c. Checking the circuit of MIC and Vibrator;
- d. Checking the FPC if connect ok.

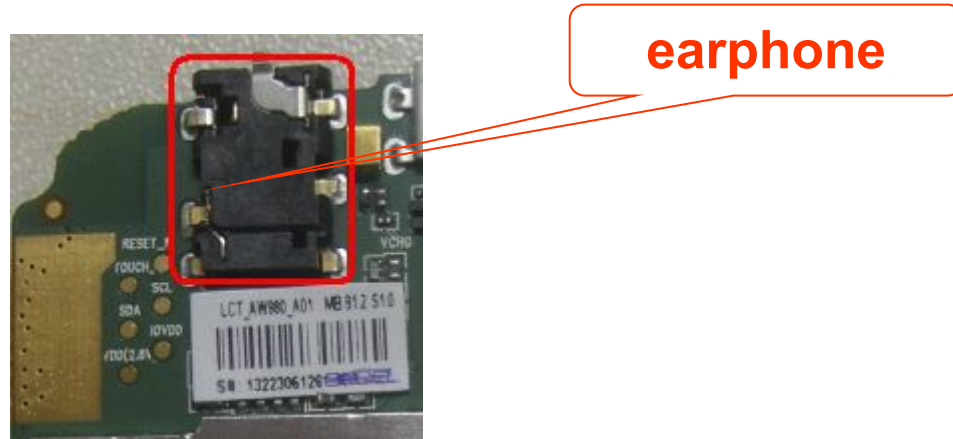


**MIC CON.**

# Repairing guide

## 7. Earphone

- a. Checking the shrapnel of earphone if is ok;
- b. Checking the connector point on the main board if is ok, as below picture;
- c. Change earphone connector;
- c. Checking the circuit of earphone.

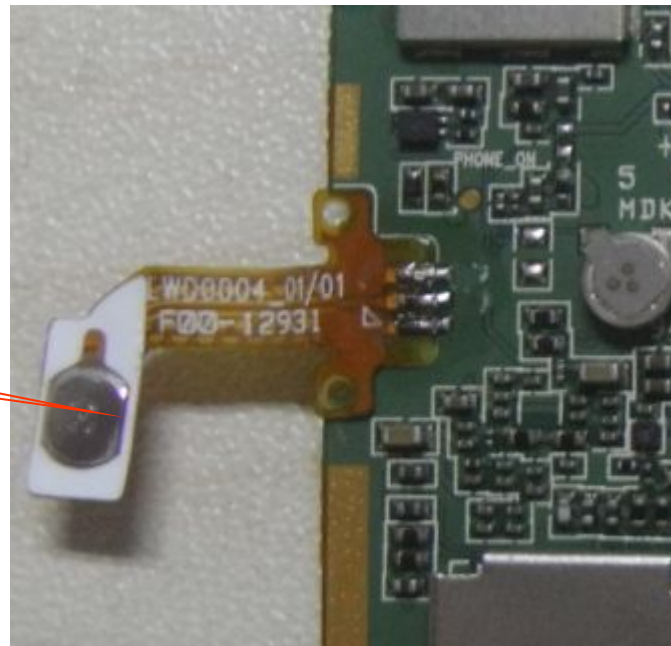


# Repairing guide

## 8.No Power On

- a. Checking the voltage of battery if is 3.8-4.2V and connect ok;
- b. Upgrade the SW;
- b. Checking the power on key and circuit around it.;

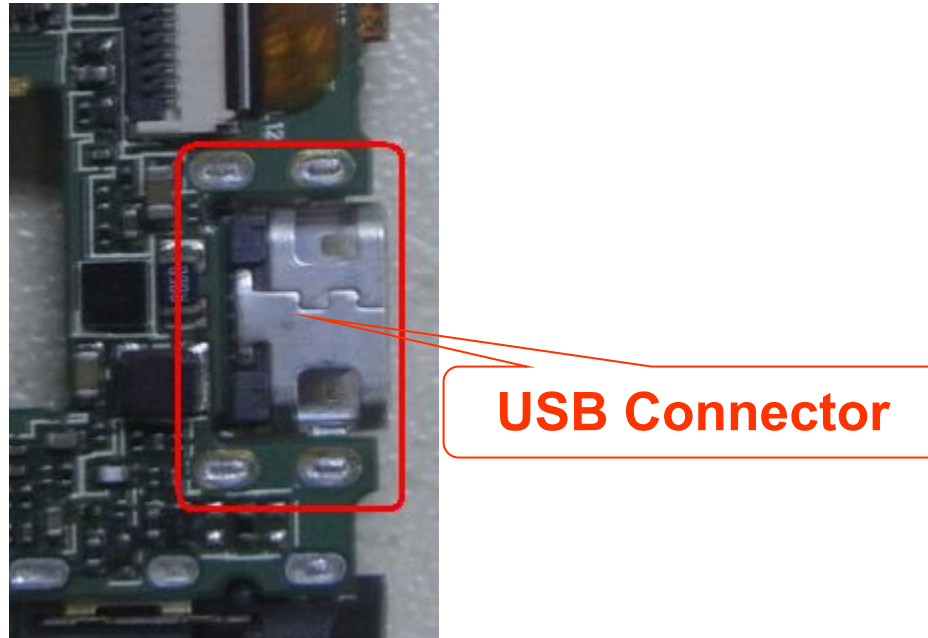
**Power On**



# Repairing guide

## 9.No charging

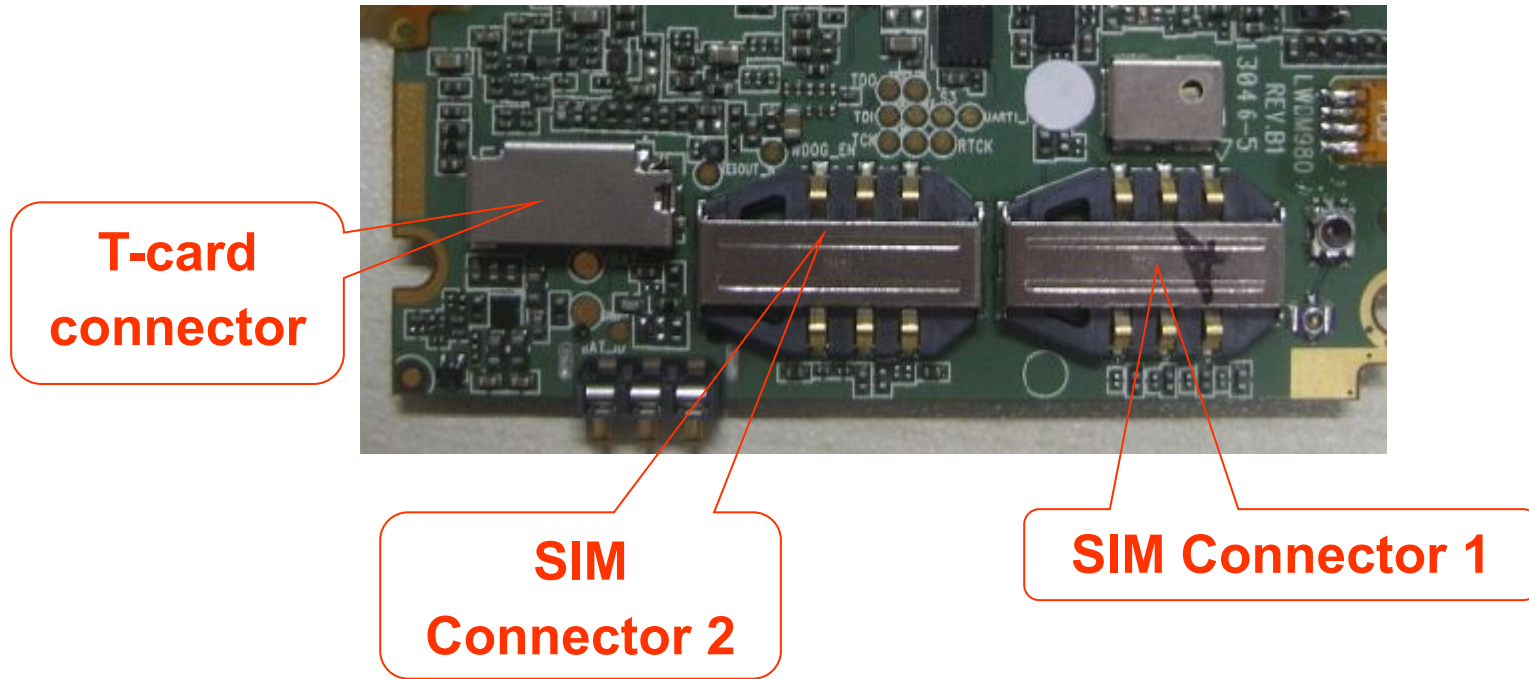
- a. Checking the voltage of battery if is over 3.4V;
- b. Checking the charger and USB cable if is ok;
- c. Checking the USB connector and circuit if is ok.



# Repairing guide

## 10.No SIM card and No memory card

- a. Checking the connector of T –card and SIM card;
- b. Change the connector of T –card and SIM card;

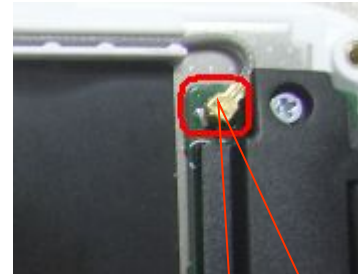
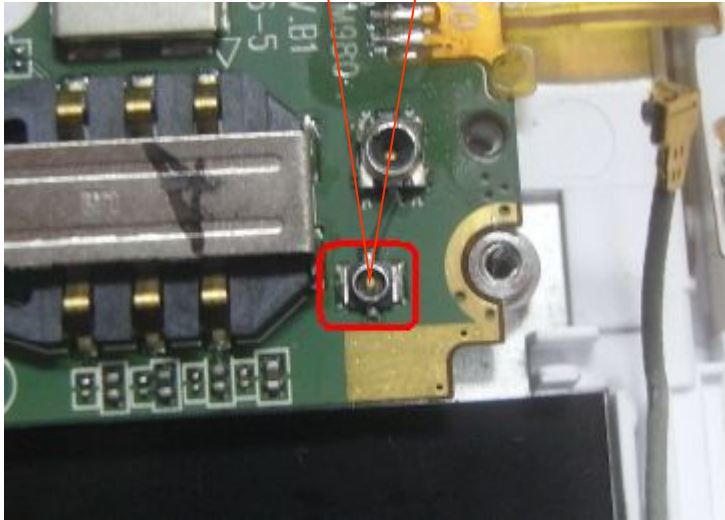


# Repairing guide

## 11.Signal

- a. Checking RF line if that is broken;
- b. Checking RF line assemble if is ok;

**RF connector**



**Sub-board RF  
connector**

End

Q&A