

PAP 3400
service manual

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Product introduce



Product introduce

Model :

Product size: 123×63.5×11.9mm

Platform: MTK6572, dual-core 1.2GHz

Memory: 4GB+512MB (Nand&sdram+RAM)

System: Android 4.2

Frequency band: WCDMA: 900/2100, GSM: 900/1800MHz

Battery: 1500mAh

charger: Travel charger

USB cable: MICRO 5PIN

earphone: 3.5jack

LCD&TP: 4.0 FWVGA TN, 480*800, Capacitance TP

Camera: 0.3M and 2.0M CMOS

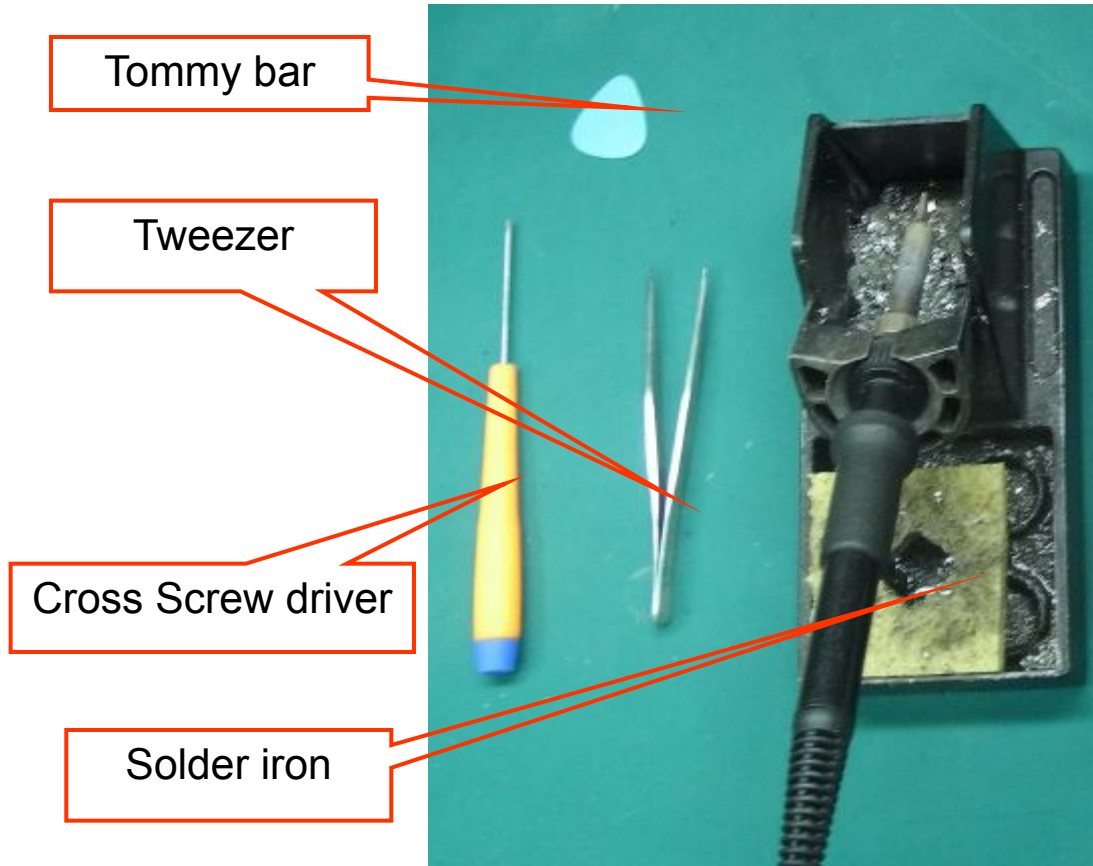
Support: BT4.0, WIFI, FM。

Support: 3D graphics accelerator, accelerator 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

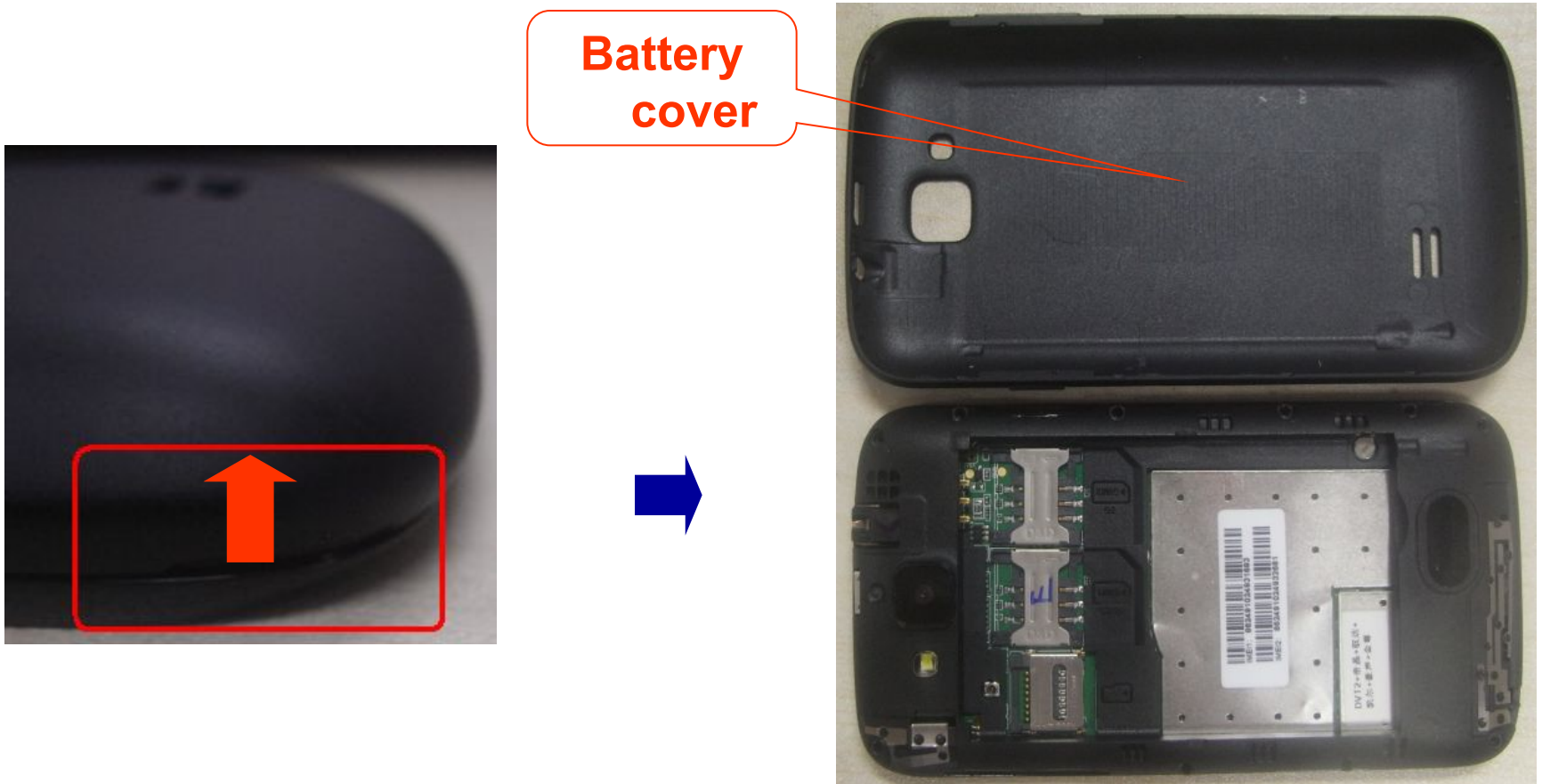


Fig. 1

Disassembly guide

3. Back cover disassembly

1) Unscrew 10 screws in back cover , as the Fig.2;



Fig. 2

Disassembly guide

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

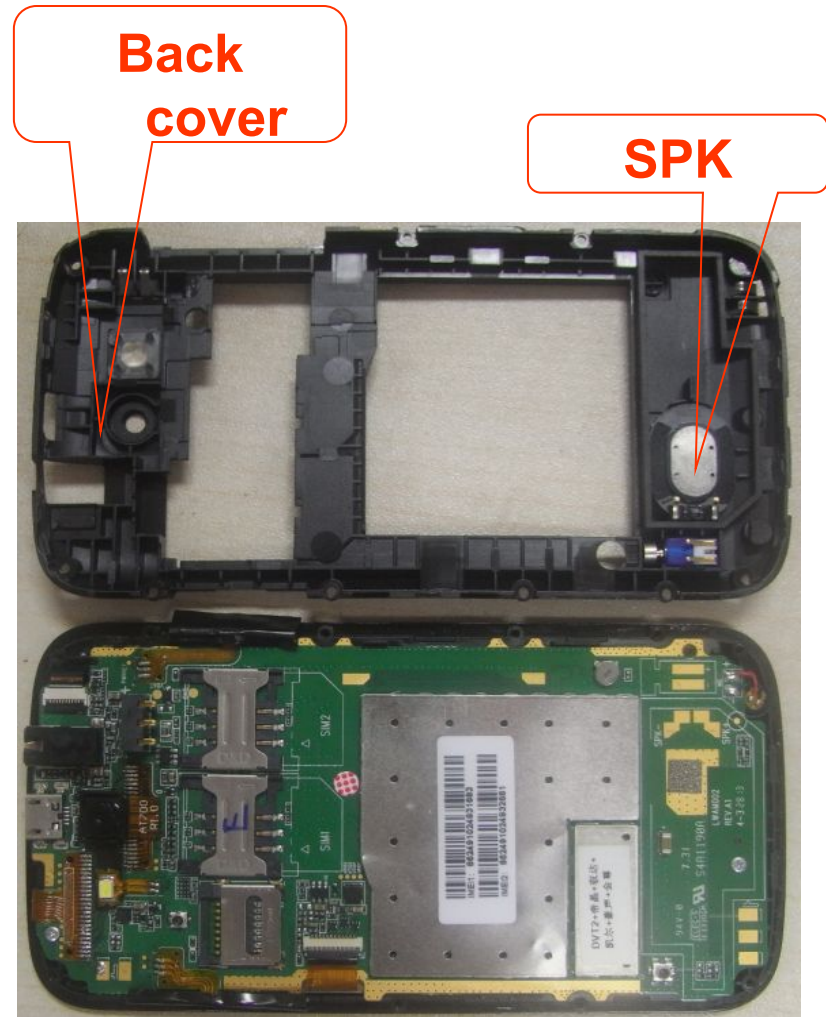


Fig. 3

Disassembly guide

4. Main board and front cover disassembly

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

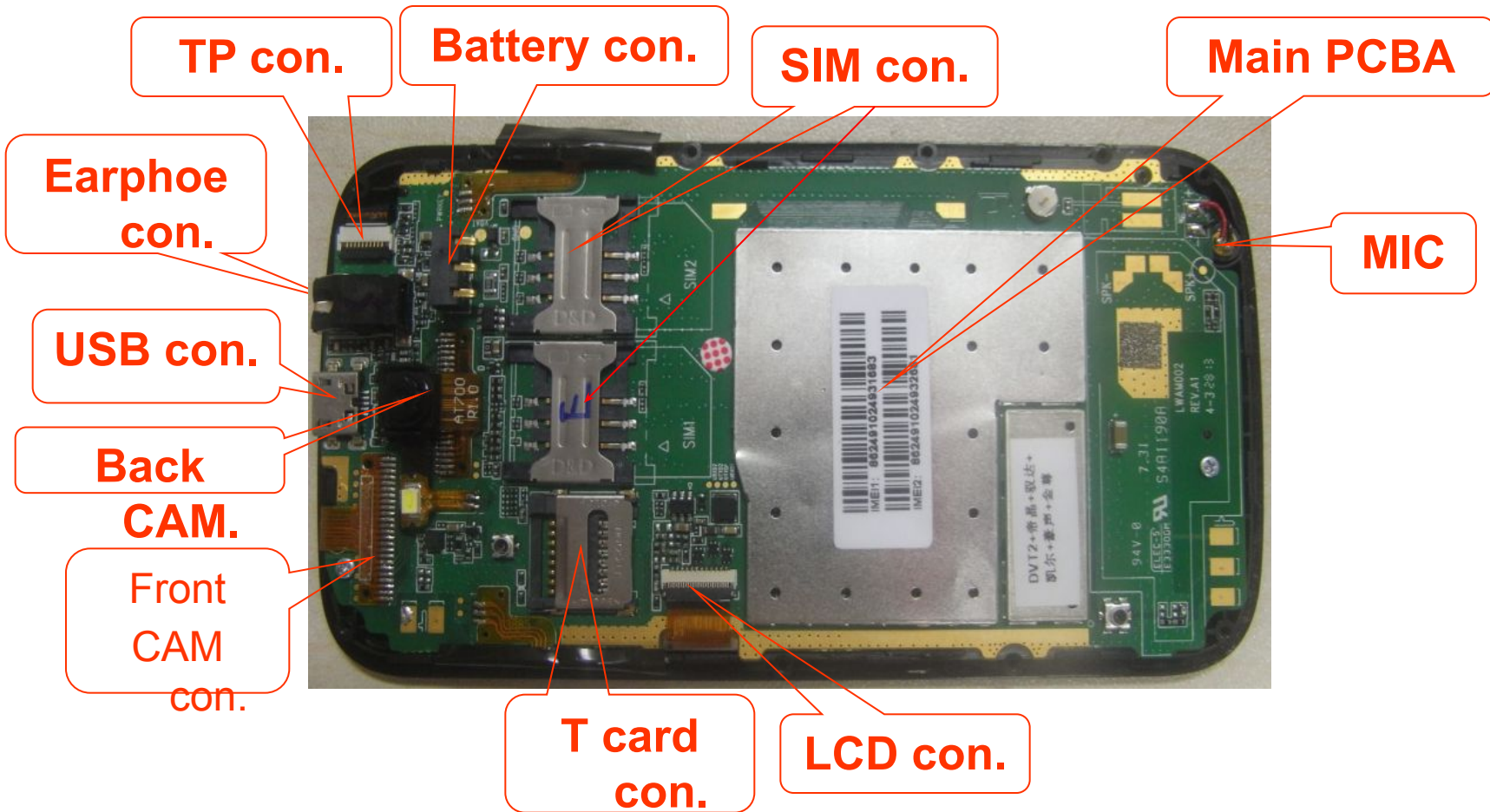
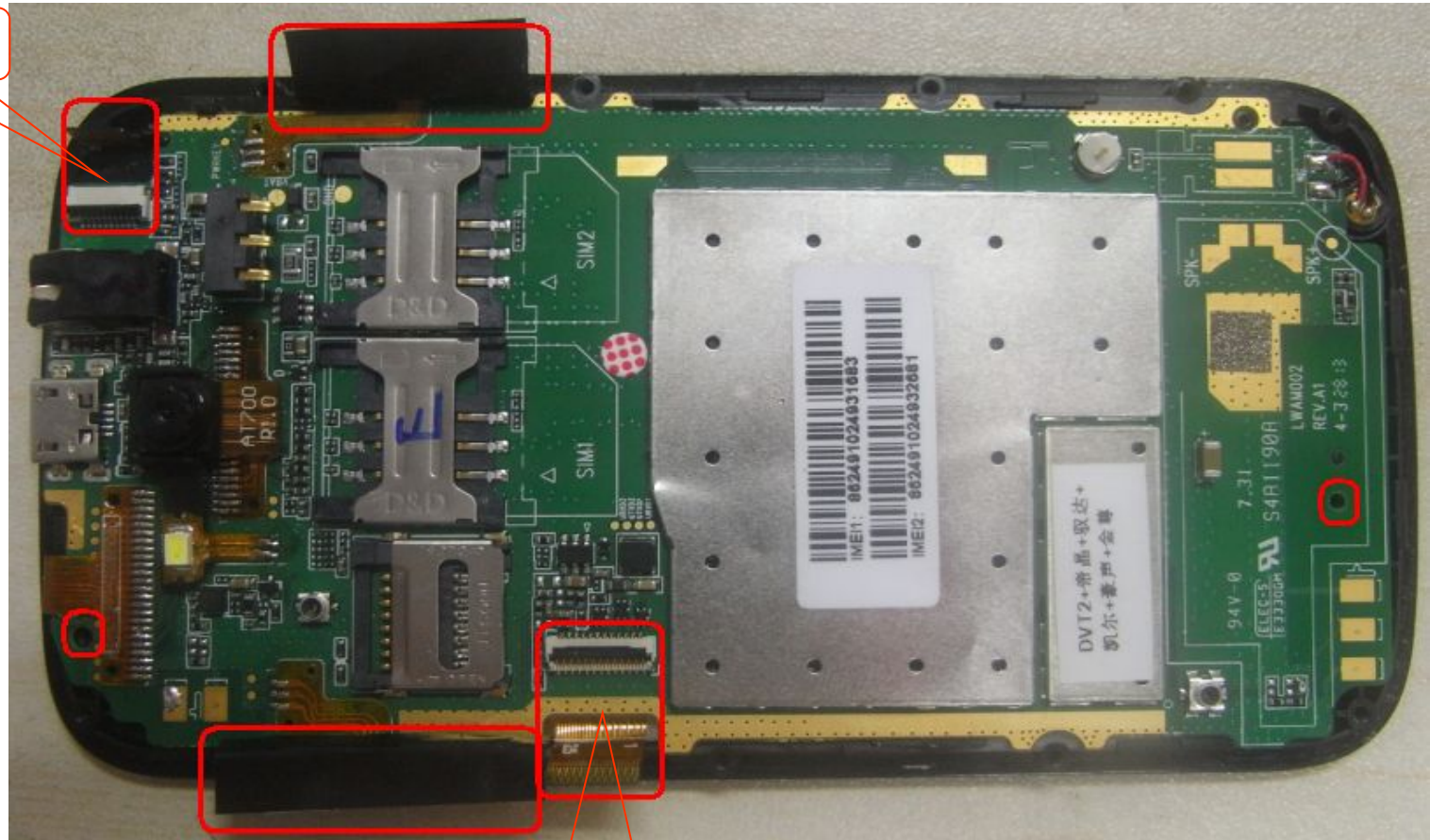


Fig.4

Disassembly guide

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



LCDcon.

Fig.5

Disassembly guide

3) Disassemble the main board.as the FIG.6

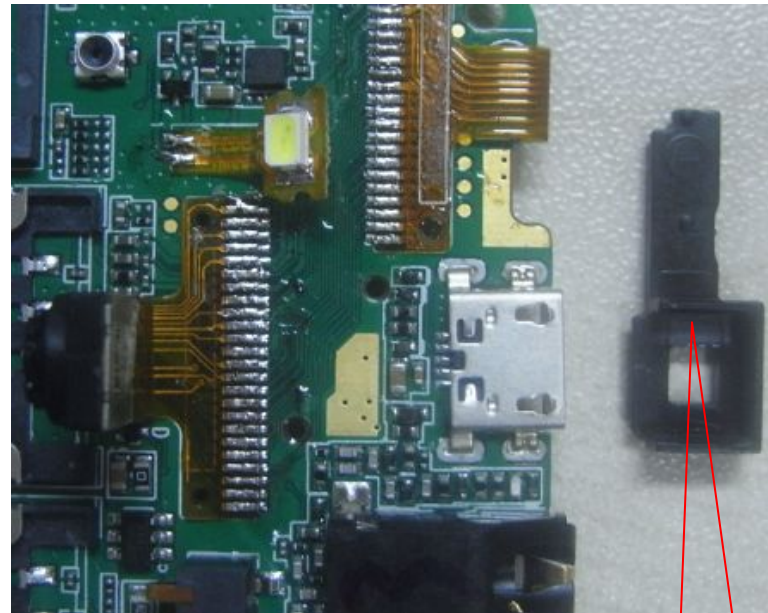
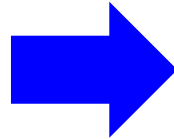
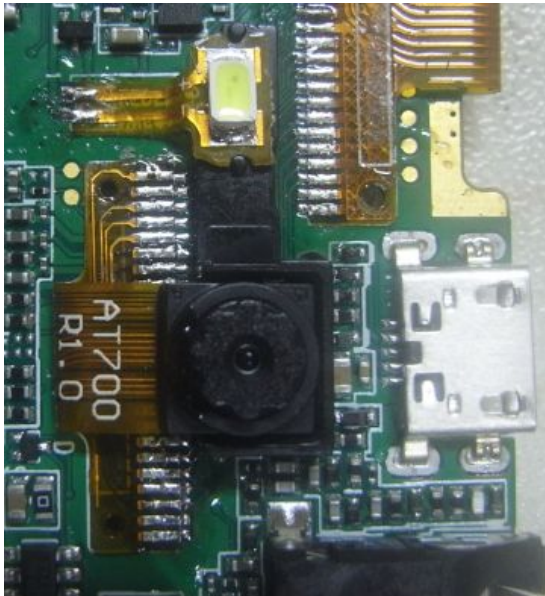


Fig.6

Disassembly guide

5. Front and Back camera & Flash FPC & Side key FPC & MIC & Camera bracket disassembly

1) disassembly the Camera bracket ,as the fig.7 ;



**Camera
bracket**

Fig.7

Disassembly guide

5. Front and Back camera & Flash FPC & Side key FPC & MIC & Camera bracket disassembly

2) disassembly the Front and Back camera & Flash FPC & Side key FPC & MIC ,as the fig.8;

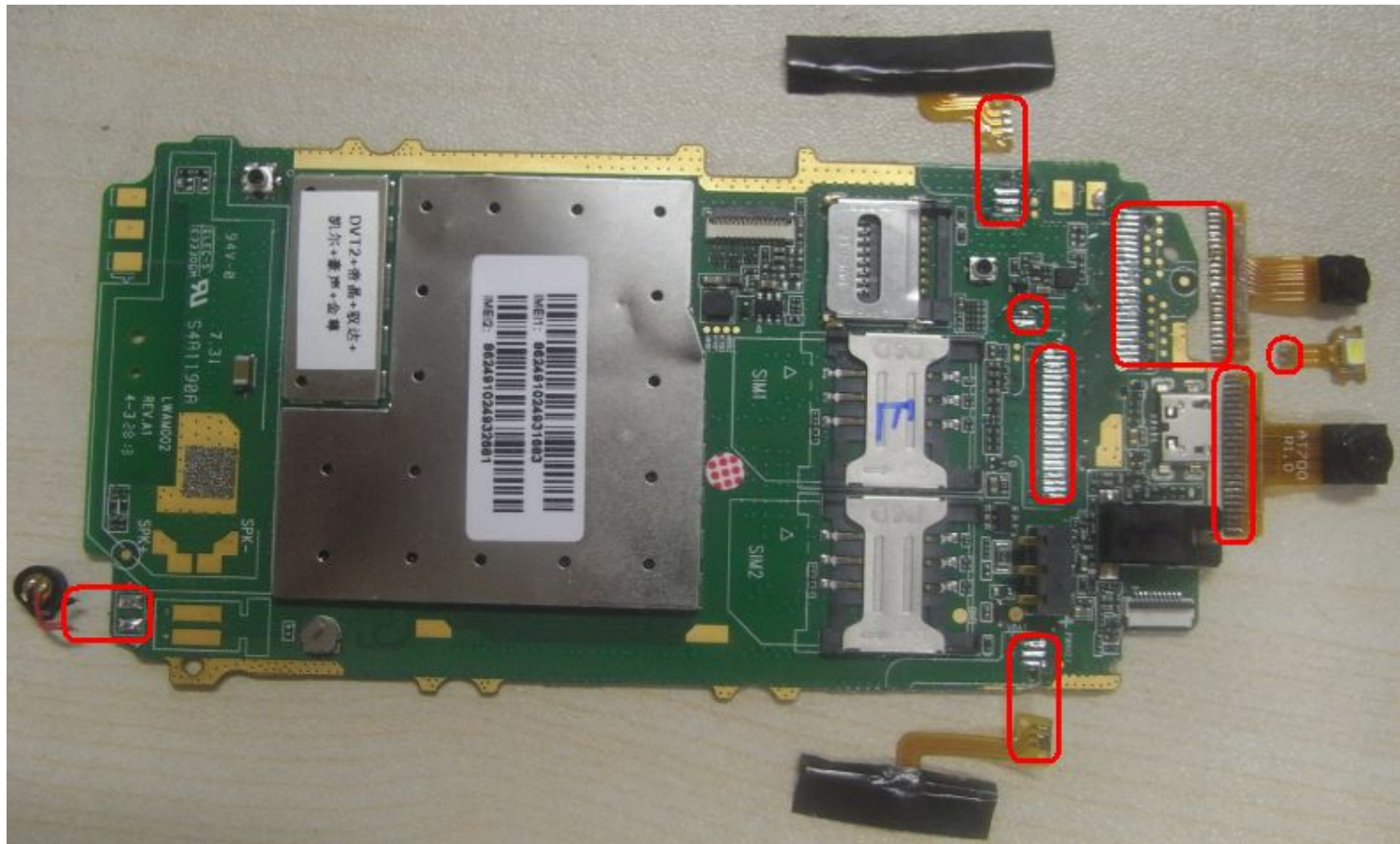


Fig.8

Disassembly guide

6. Speaker & receiver & Vibration disassembly

remove the Speaker and receiver and Vibration, as the FIG.9;

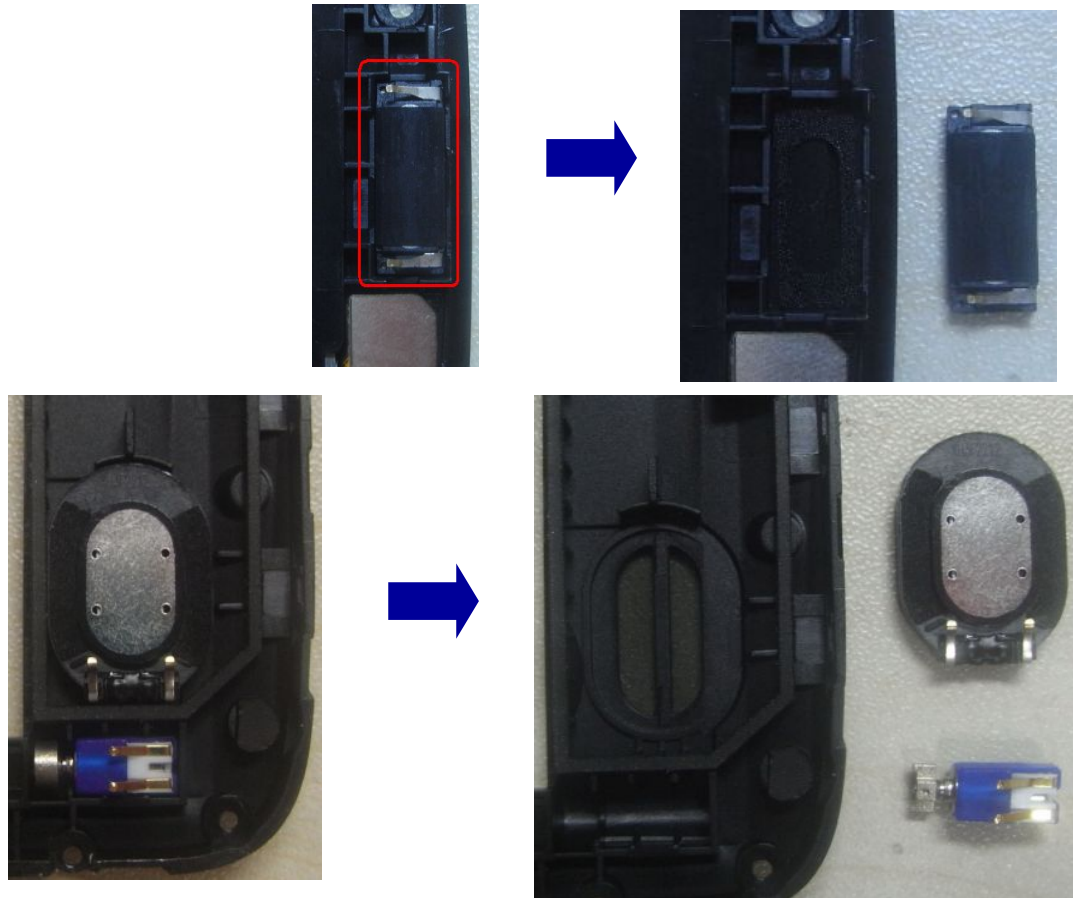
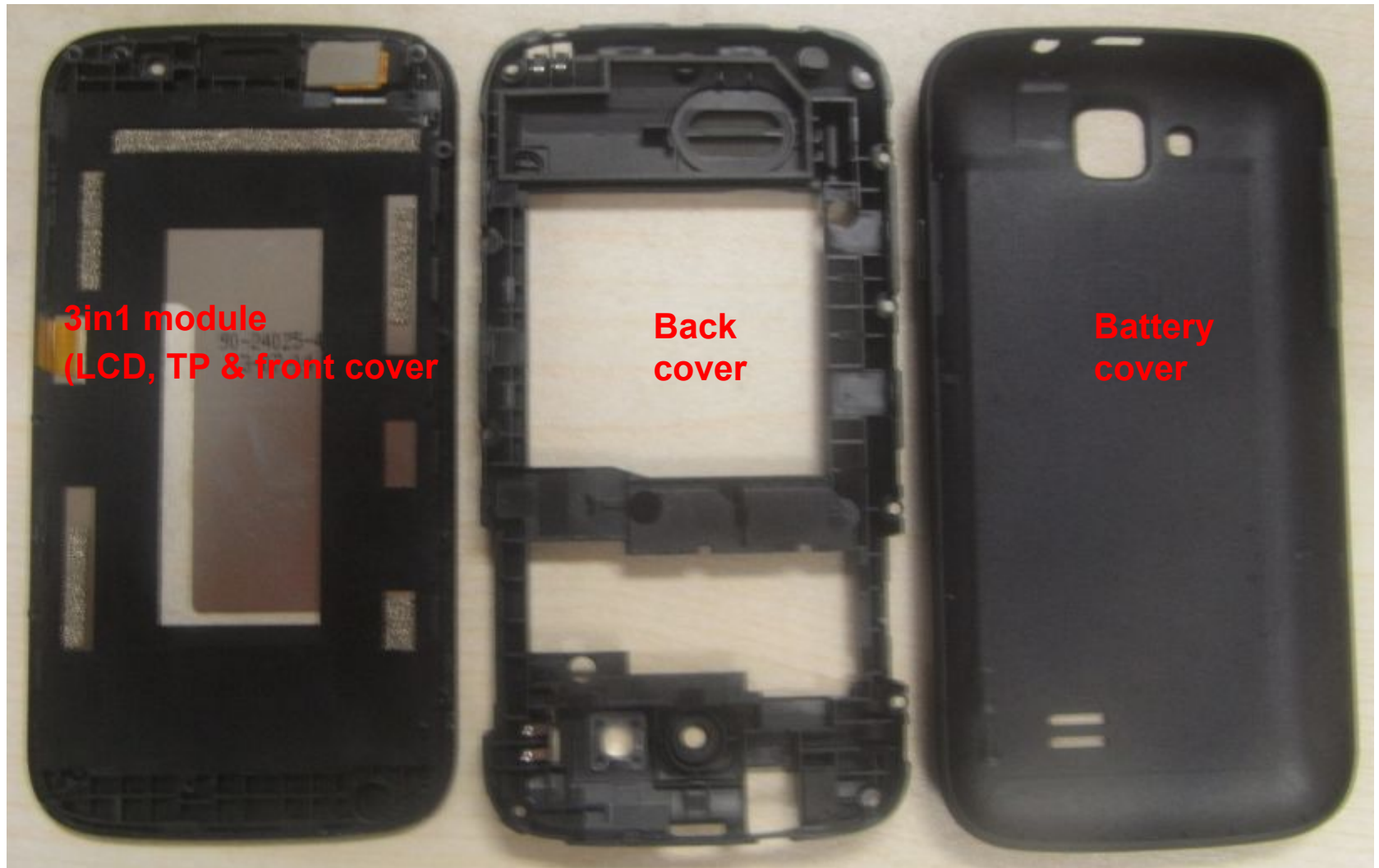
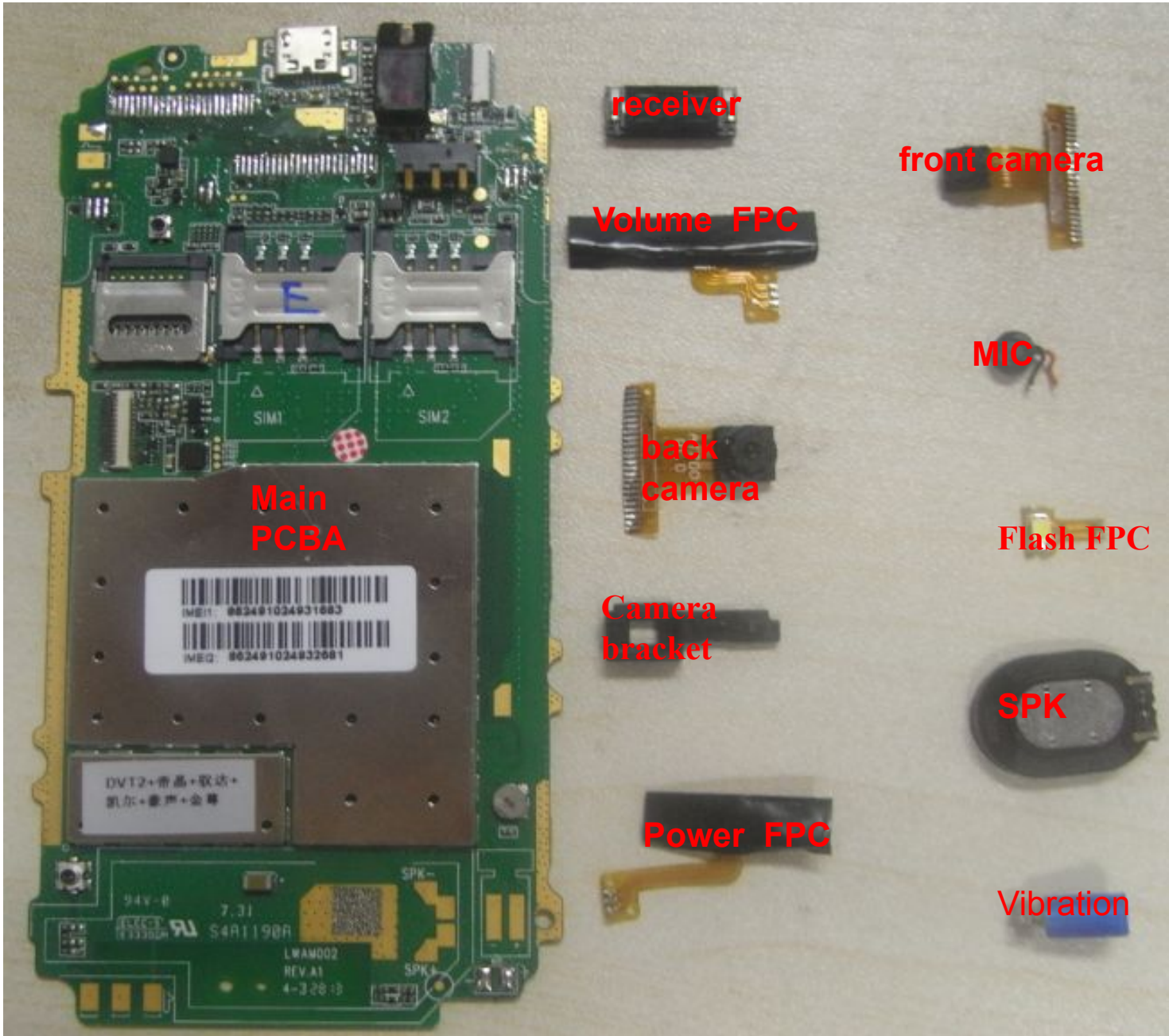


Fig.9

Structure parts diagram



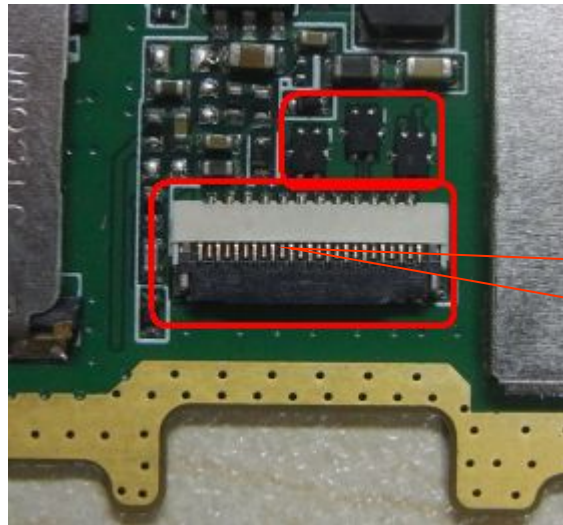
Structure parts diagram



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.

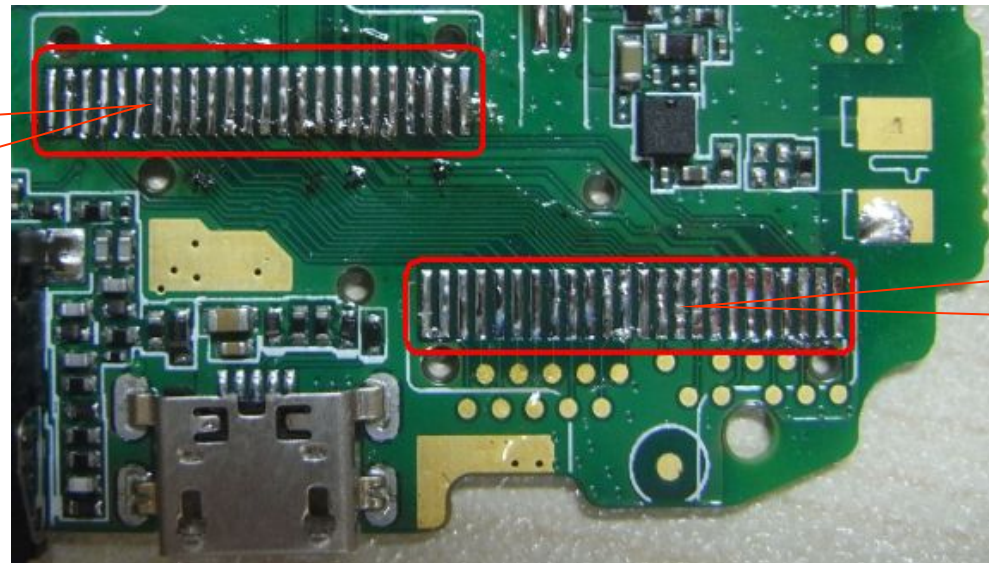


**LCD
connector**

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.



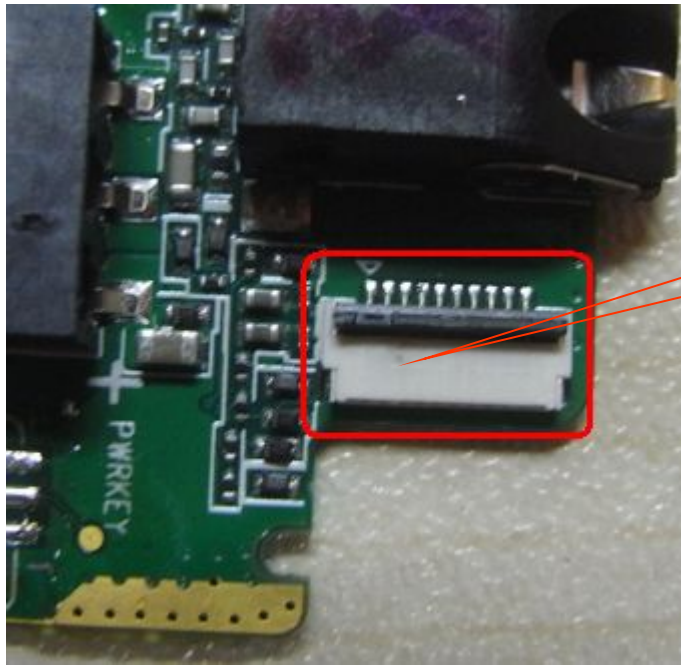
Back Camera connector

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.

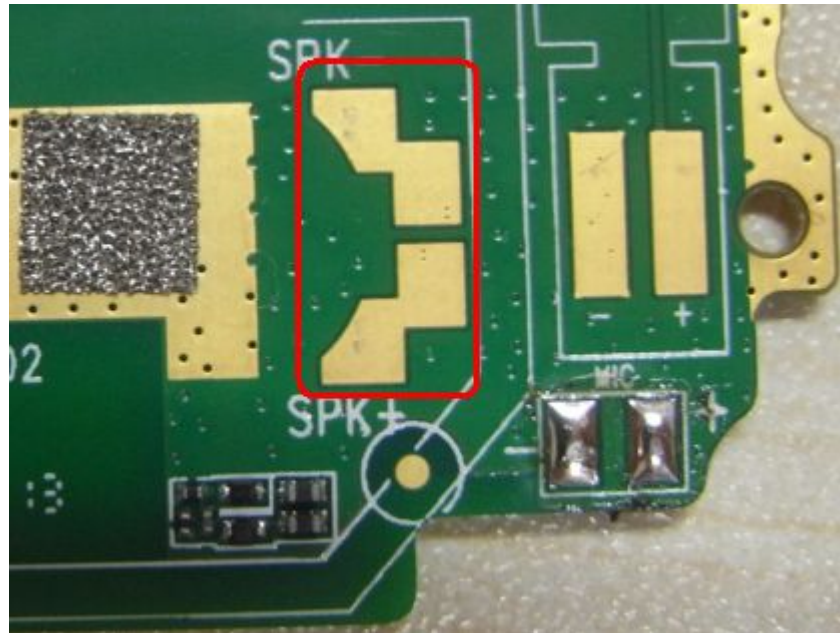


TP Connector

Repairing guide

4.Ring

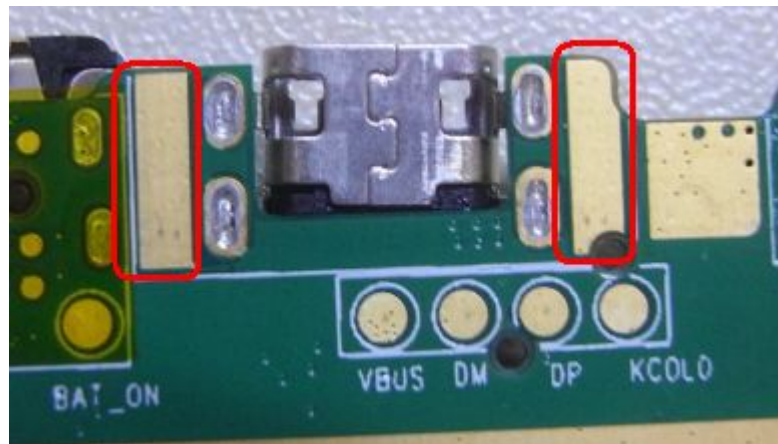
- a. Checking the shrapnel of speaker if is ok;
- b. Checking the resistance of speaker if is ok, otherwise to change a new one;
- c. Checking the FPC if is ok;
- d. Checking SPK-FPC if connector with sub-board is ok.



Repairing guide

5.receiver

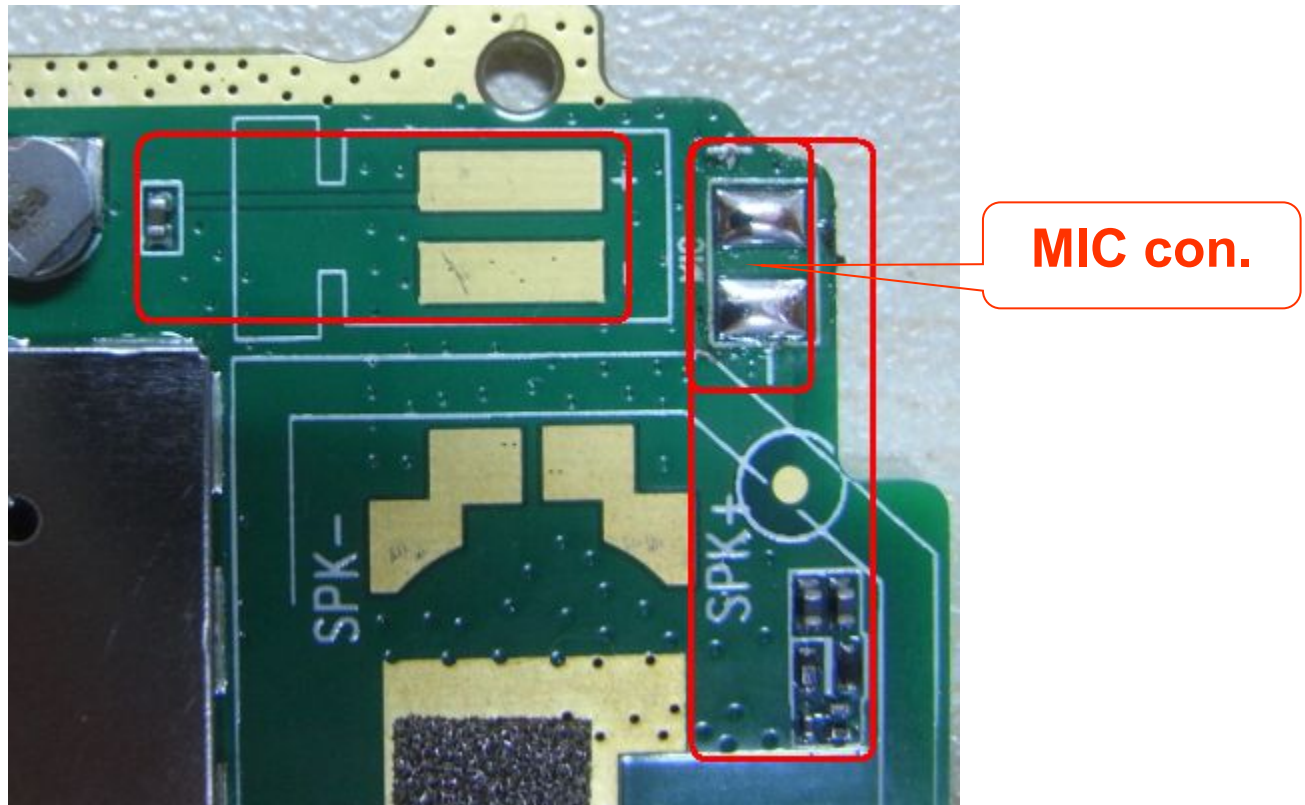
- a. Checking the shrapnel of receiver if is ok;
- b. Checking the resistance of receiver if is ok, otherwise to change a new one;
- c. Checking the connector point on the main board if is ok, as below picture;
- c. Checking the receiver circuit if is ok.



Repairing guide

6.MIC and Vibrator

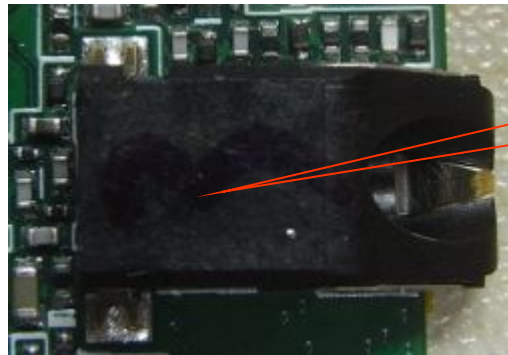
- a. Checking the MIC and Vibrator is cold soldering, re-solder it;
- b. Change the MIC and Vibrator;
- c. Checking the circuit of MIC and Vibrator;
- d. Checking the FPC if connect ok.



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.

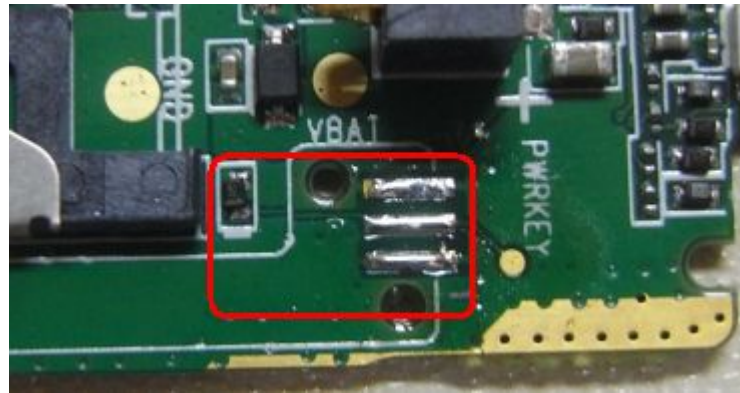


earphone

Repairing guide

8.No Power On

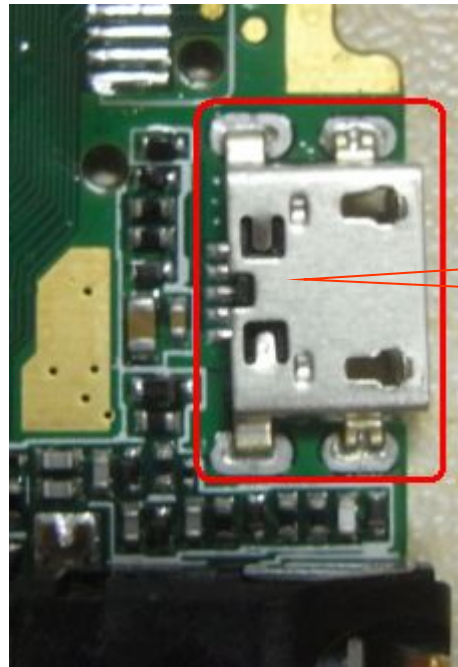
- a. Checking the voltage of battery if is 3.8-4.2V and connect ok;
- b. Upgrade the SW;
- b. Checking the power on key and circuit around it.;



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.

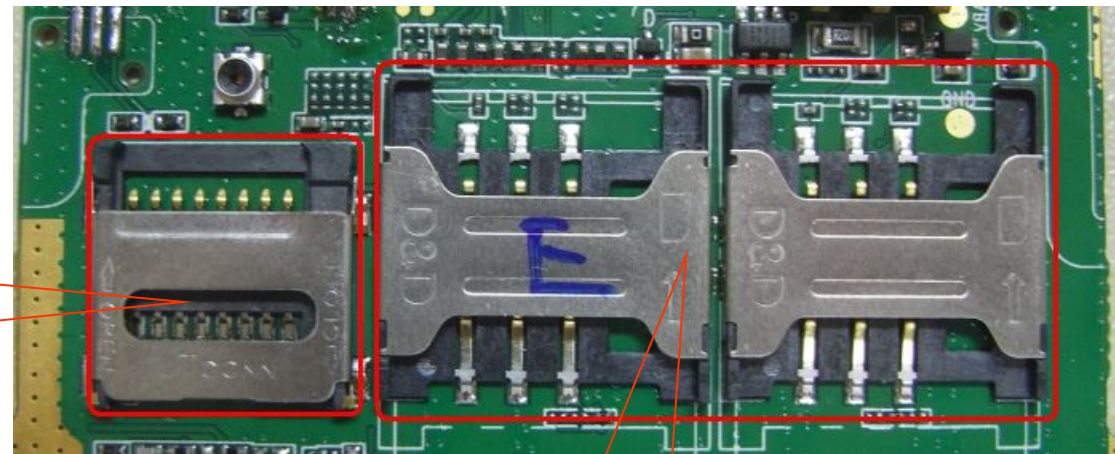


USB Connector

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;



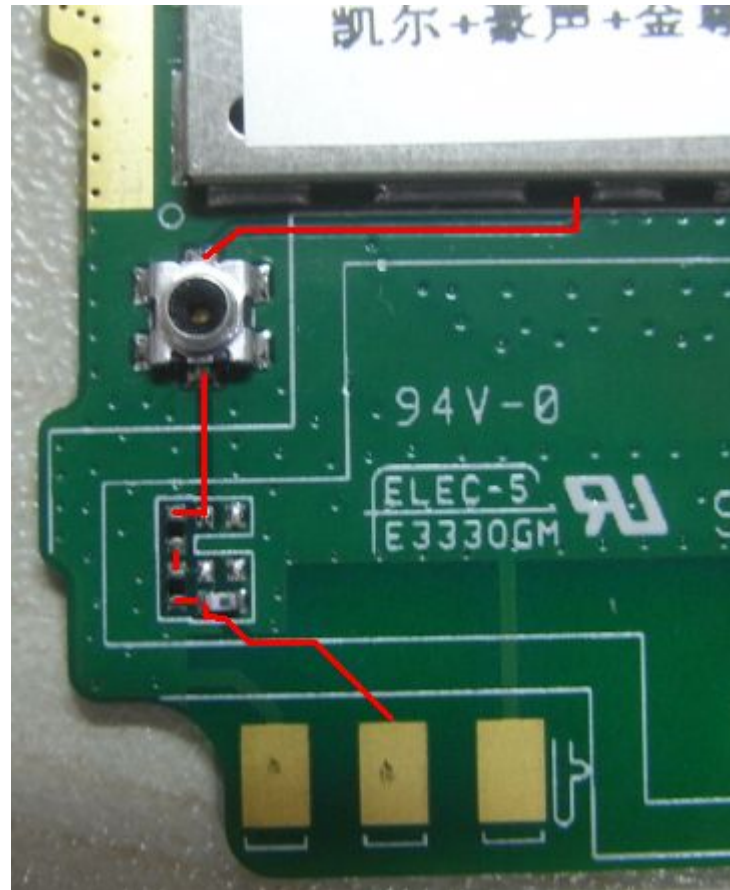
**T-card
connector**

**SIM
Connector**

Repairing guide

11.Signal

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



End

Q&A