



# Nobis NB07 Screen Replacement

Use this guide to replace the screen of a Nobis NB07 tablet.

Written By: Daniel Gomero



---

## INTRODUCTION

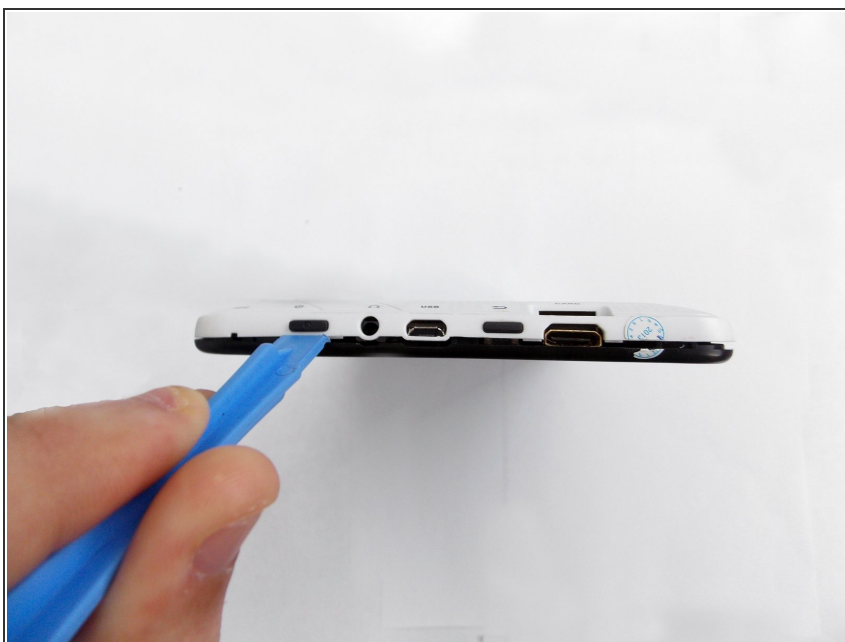
You can use this guide to replace the malfunctioning or cracked screen of the Nobis NB07 tablet. To do so, you will need to completely disassemble the tablet, using soldering tools in the process.

---

### TOOLS:

- [T4 Torx Screwdriver](#) (1)
  - [Electrical Tape in 6 Assorted Colors](#) (1)
  - [iFixit Opening Tools](#) (1)
  - [Soldering Workstation](#) (1)
  - [Spudger](#) (1)
  - [Tweezers](#) (1)
  - [Low Adhesive Glue](#) (1)
-

## Step 1 — Opening the case



- Look towards the topside of the tablet, where the power button is located.
- Insert a plastic opening tool in the crack between the two parts of the case.
- Move it gently back and forth to open the case.

## Step 2



- With the plastic opening tool in the opening between the two sides of the case, slide the tool along the tablet's border to separate the two sides completely.

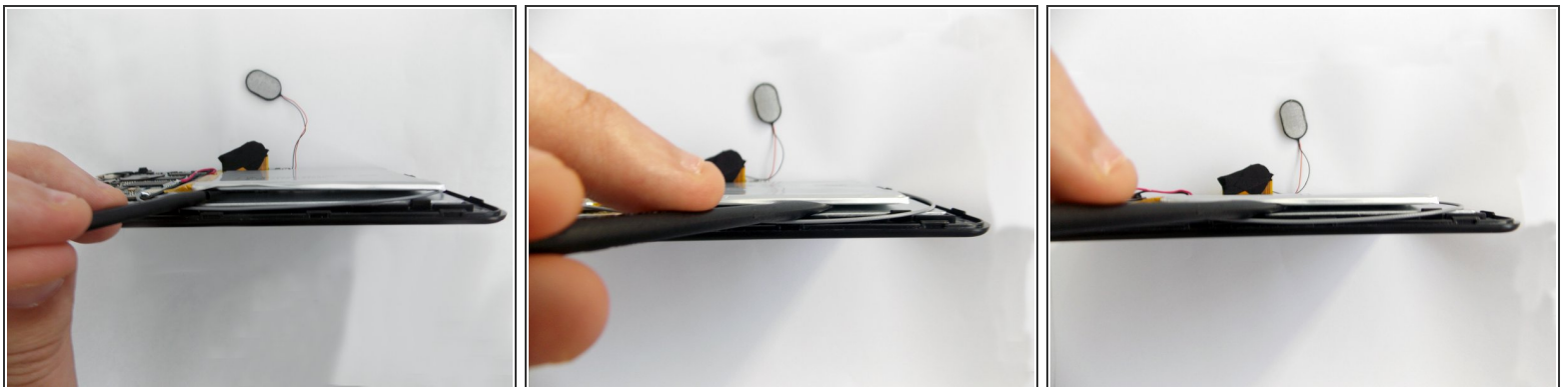
**⚠** Be careful when you separate the two halves. Open the case from the opposite side of the camera, there is a cable connecting both halves of the case.

## Step 3 — Replacing the battery



- Remove the tape holding the battery in place.

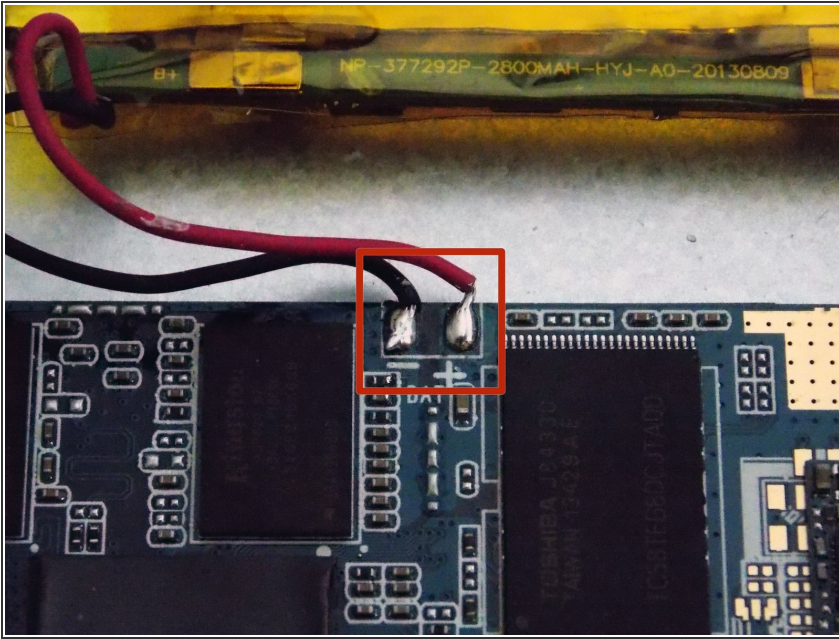
## Step 4



- Insert the flat end of the spudger tool in the crack beneath the battery.
  - Move the spudger tool carefully side to side to remove the glue that is holding the battery in place.
- i** This is a soft battery, so a little bending is expected.

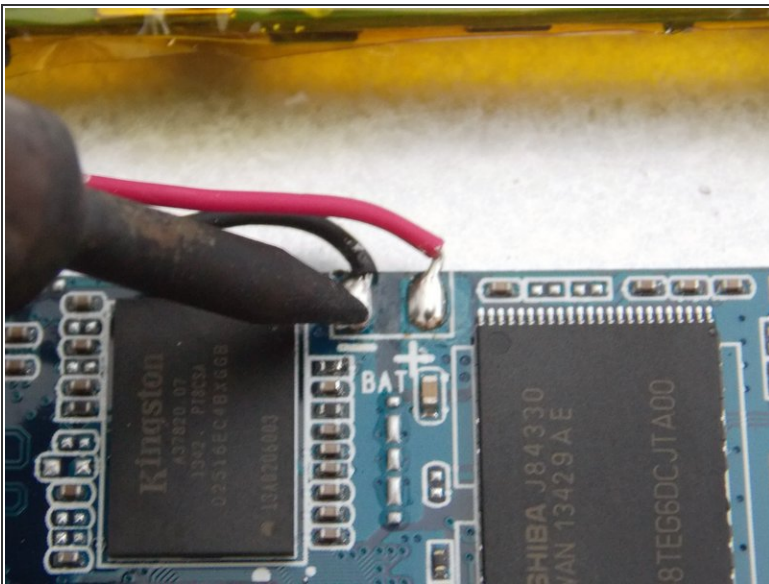


## Step 5



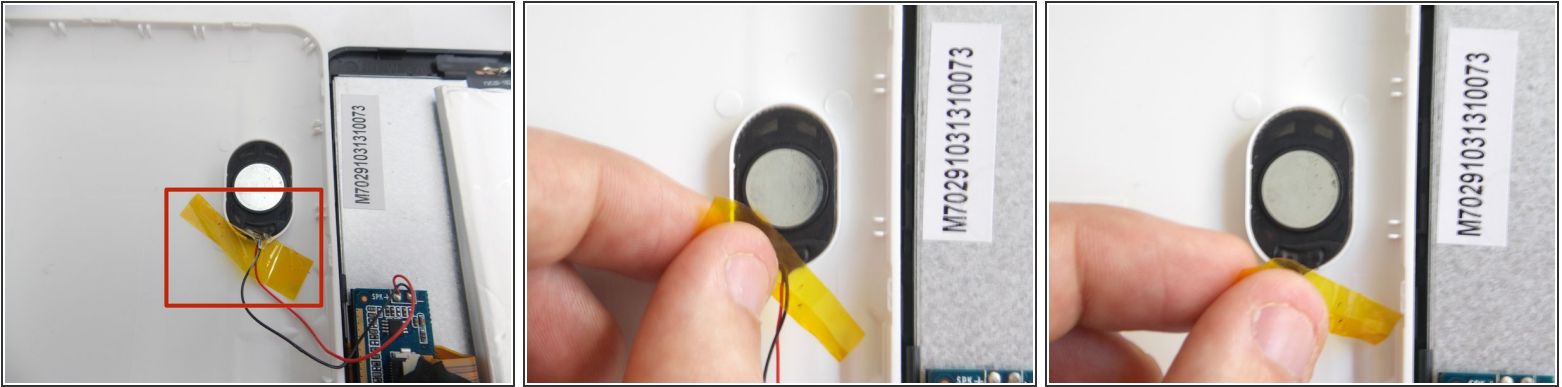
- After the battery is unglued, locate the cables that connect it to the motherboard.
- ⓘ Annotate where each color goes to make the reassembly easier.

## Step 6



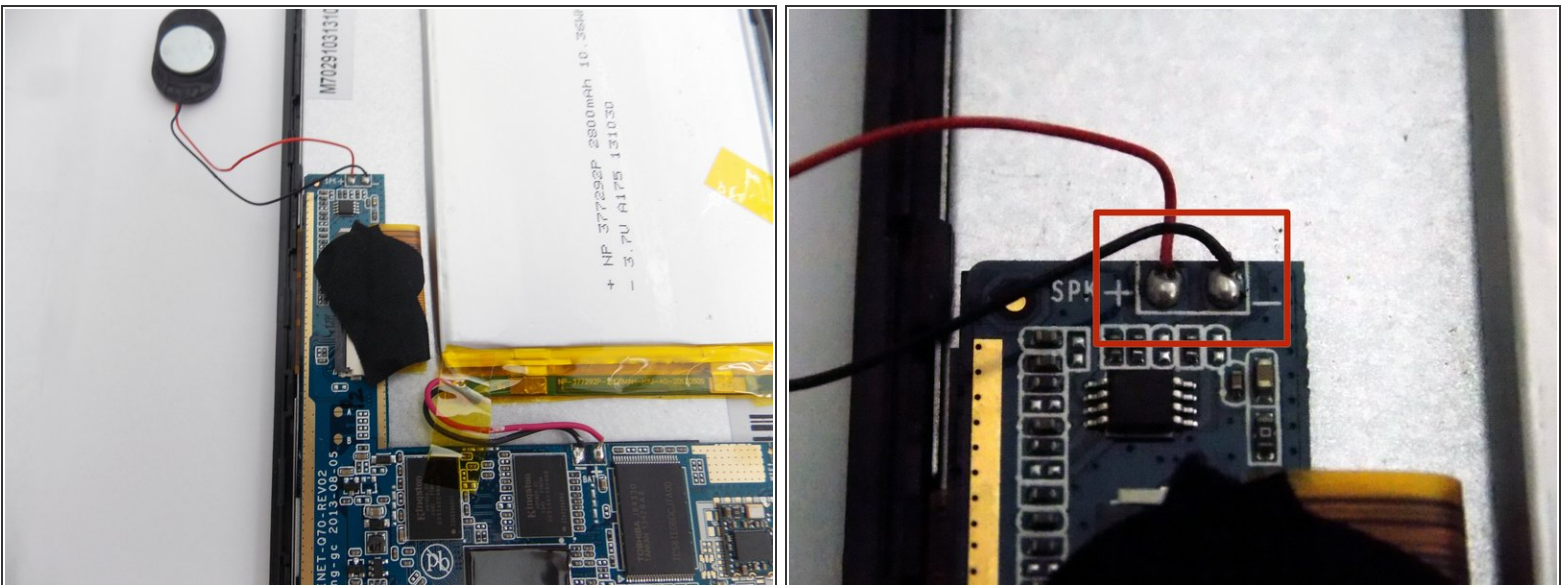
- Desolder the cables with a soldering iron and use a desoldering braid to remove the solder.
- ⓘ Review the [ifixit soldering guide](#) if you need help soldering.
- ★ You can now remove the battery.

## Step 7 — Removing the speaker



- Remove the tape holding the speaker in its socket.

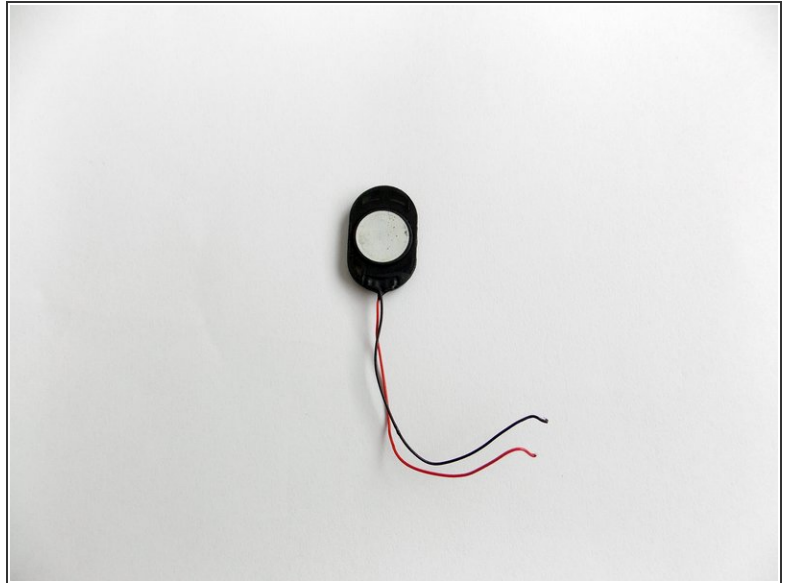
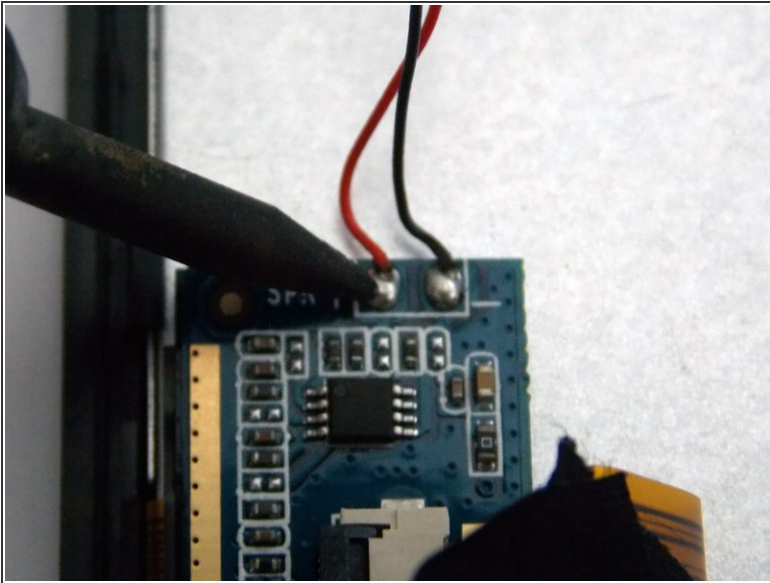
## Step 8



- After you remove the tape, remove the speaker from its socket. You can place the speaker on one side of the tablet to have more freedom.
- Look for the place where the speaker's cables meet with the motherboard.
- ⓘ Annotate where which color goes to make the reassembly easier.

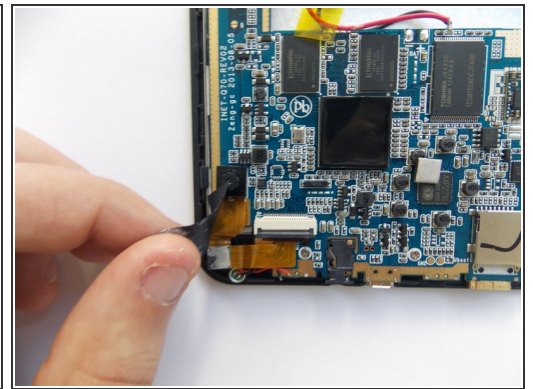
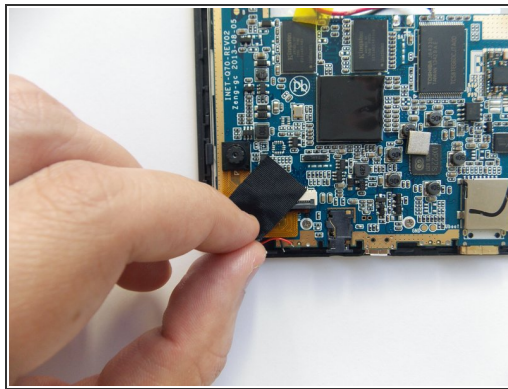
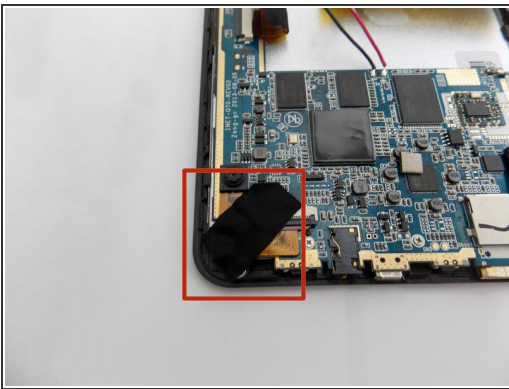


## Step 9



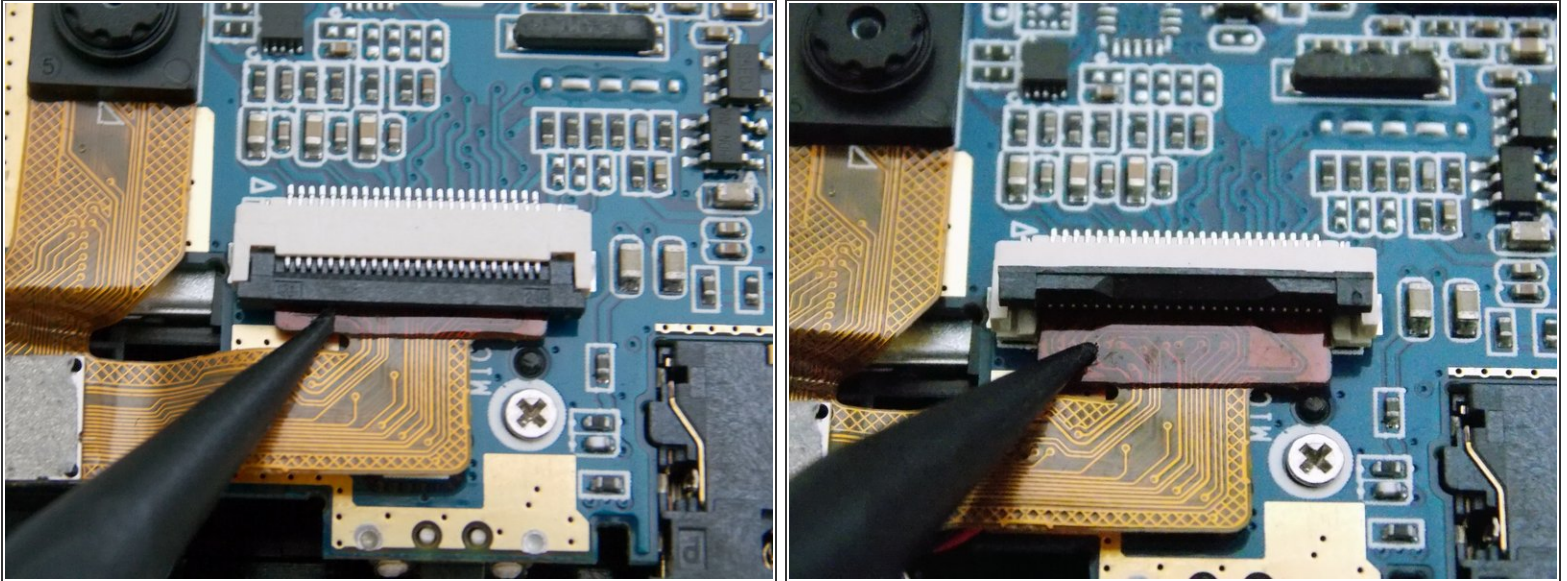
- Use a soldering iron to desolder the cables and extract the solder using a desoldering braid.
- ⓘ Review the [ifixit soldering guide](#) if you need help soldering.
- ✦ You can now remove the speaker.

## Step 10 — Removing the cameras



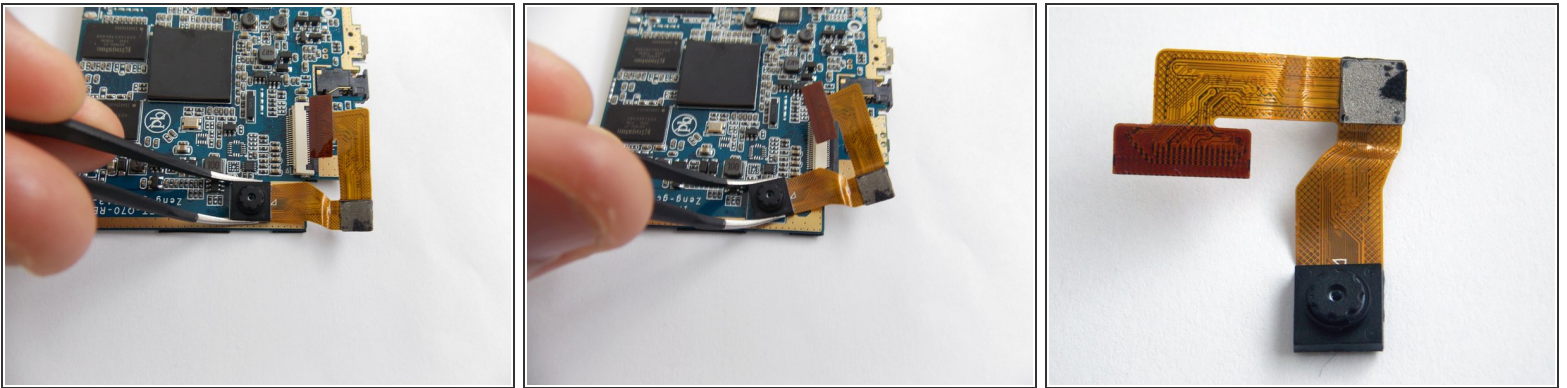
- Remove the black tape covering the cameras power cable.

## Step 11



- Use the spudger tool to pry upwards the ZIF connector and release the power cable.

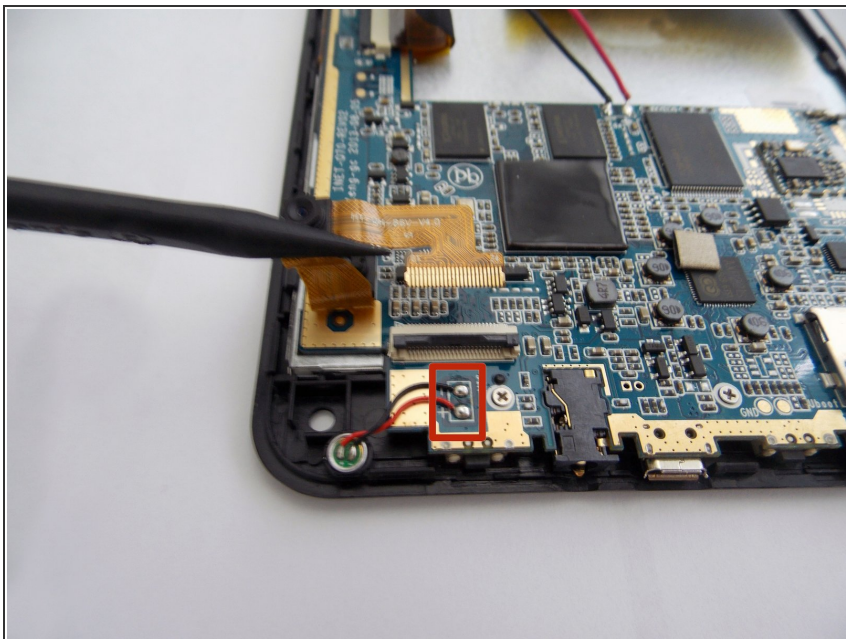
## Step 12



- i** With the power cable disconnected, the backside camera is free. However, both cameras are sequentially connected through the power cable; the front side camera is glued to the motherboard.
- Using tweezers, carefully grab the front camera and twist slowly.
- !** The camera should release easily, do not twist too hard.
- ★** You can now remove the cameras.

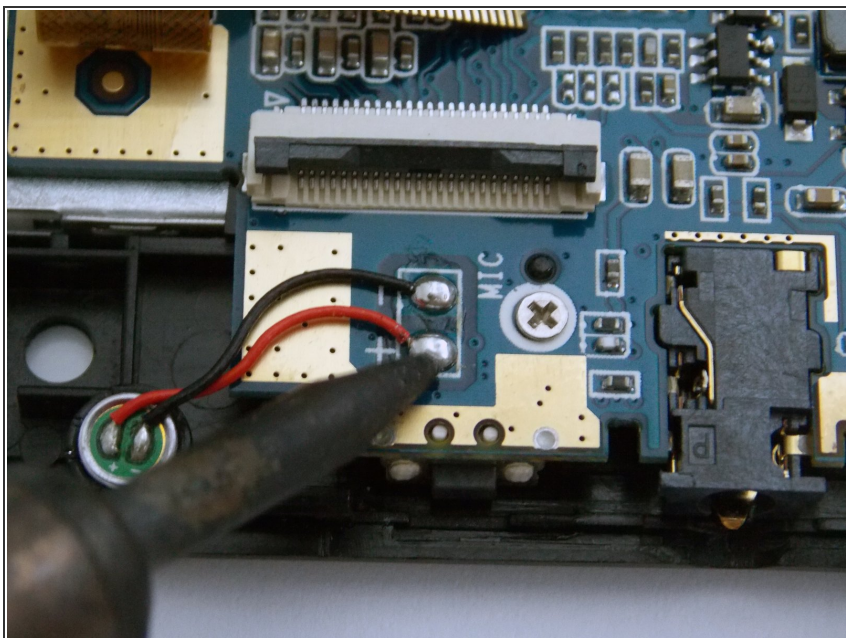


## Step 13 — Removing the microphone



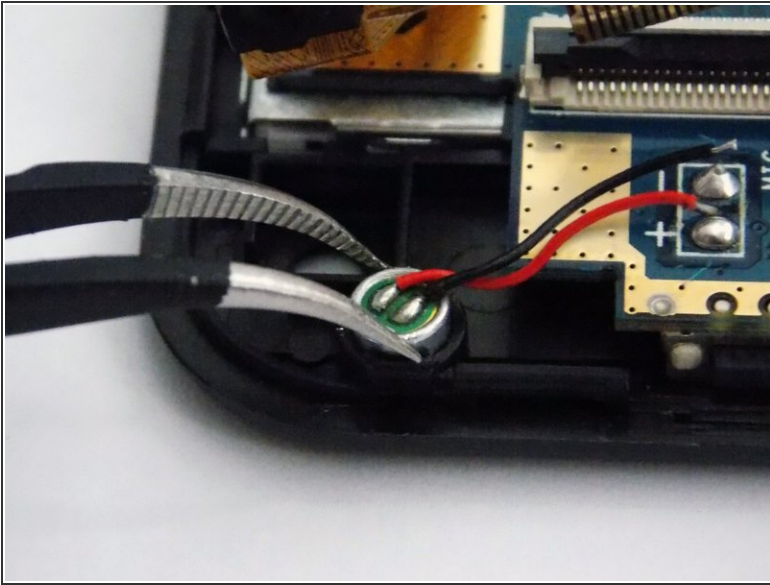
- Locate the microphone's cables in front of the cameras' ZIF connector.
- ⓘ Annotate where each color goes to make the reassembly easier.

## Step 14



- Desolder the cables with a soldering iron and use a desoldering braid to remove the solder.
- ⓘ Review the [ifixit soldering guide](#) if you need help soldering.

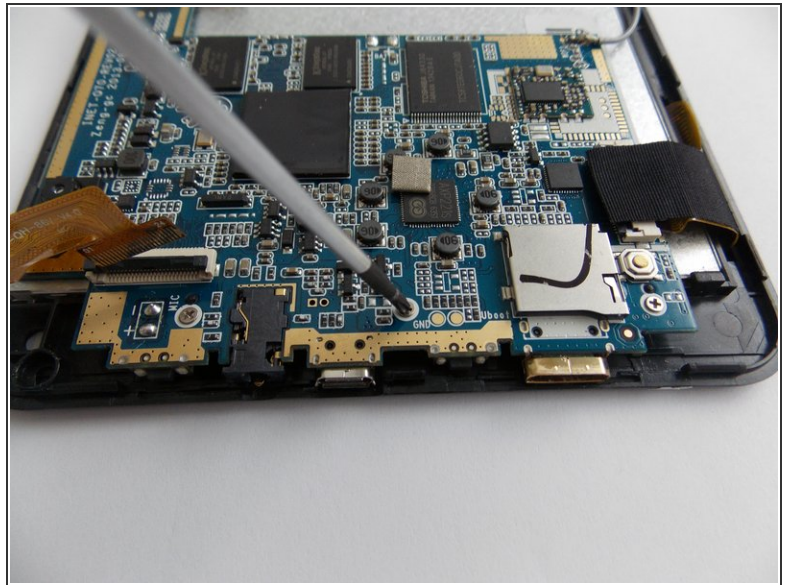
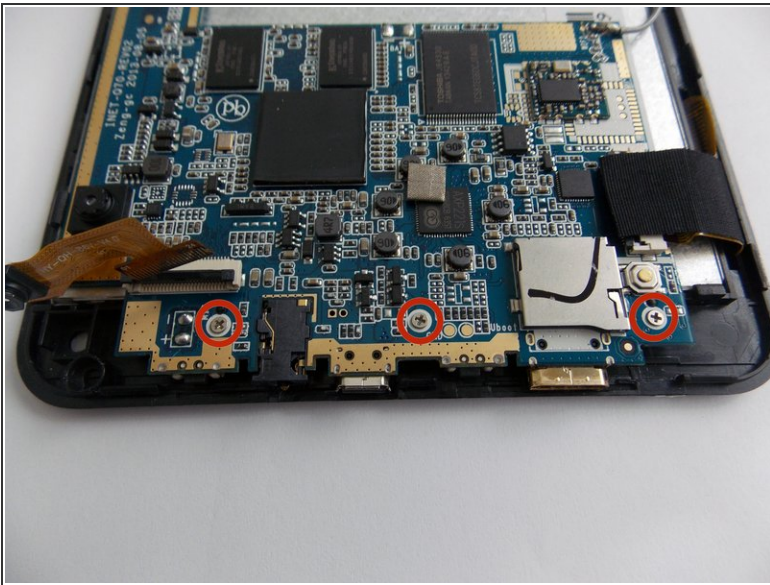
## Step 15



- Use the pointy end of the tweezers to retrieve the microphone from its socket.

☑ You can now remove the microphone.

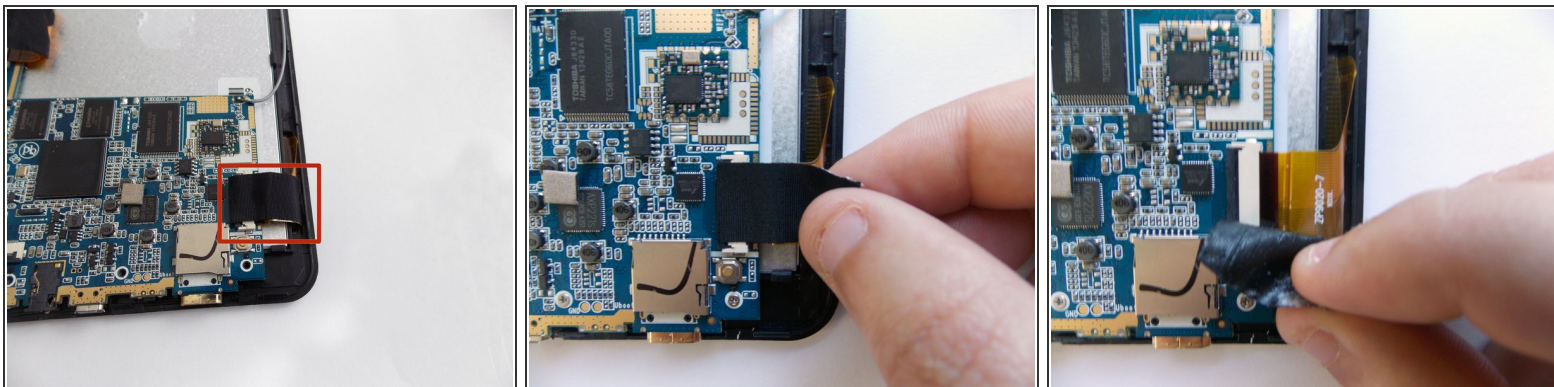
## Step 16 — Screen



- Use the T4 Torx screwdriver to remove the 4.0 mm T4 Torx screws.

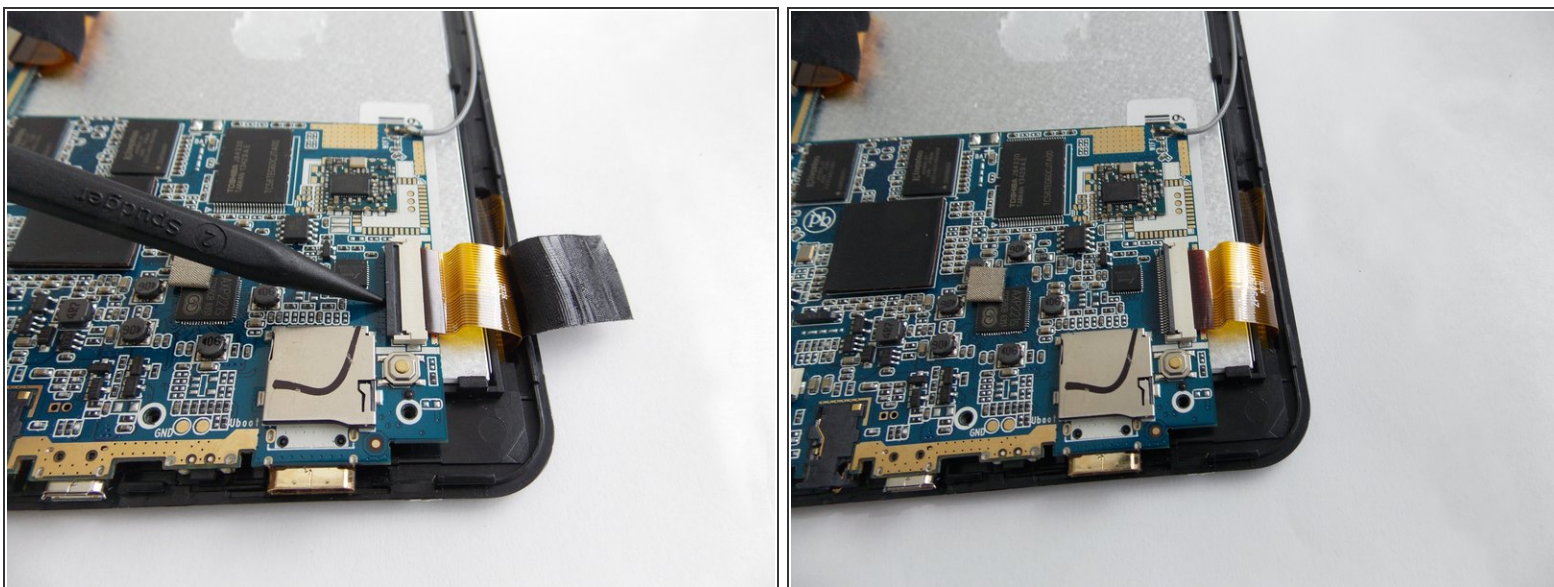


## Step 17



- Remove the black tape covering one of the screen power cables.

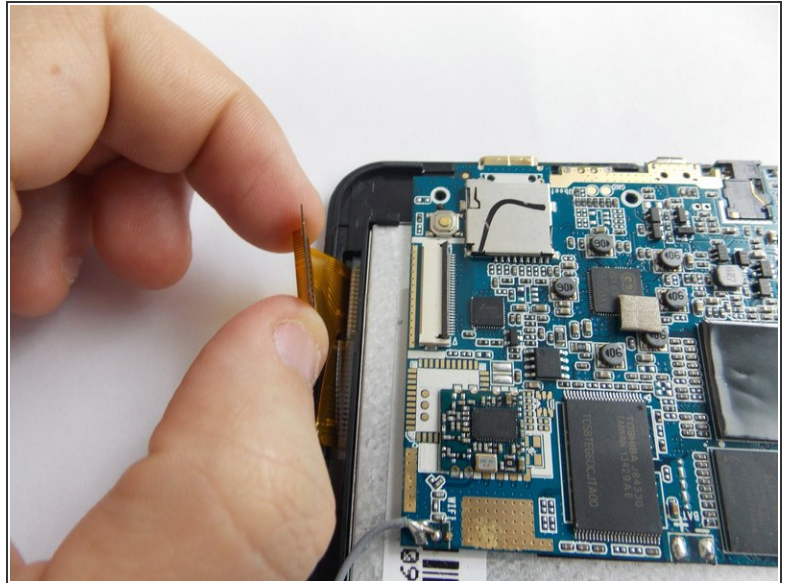
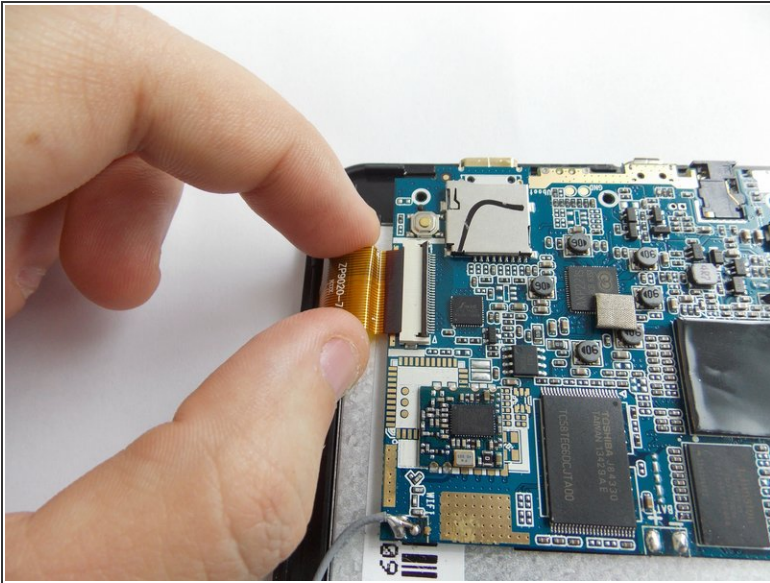
## Step 18



- Use the spudger tool to pry the ZIF connector upwards so that it releases the power cable.

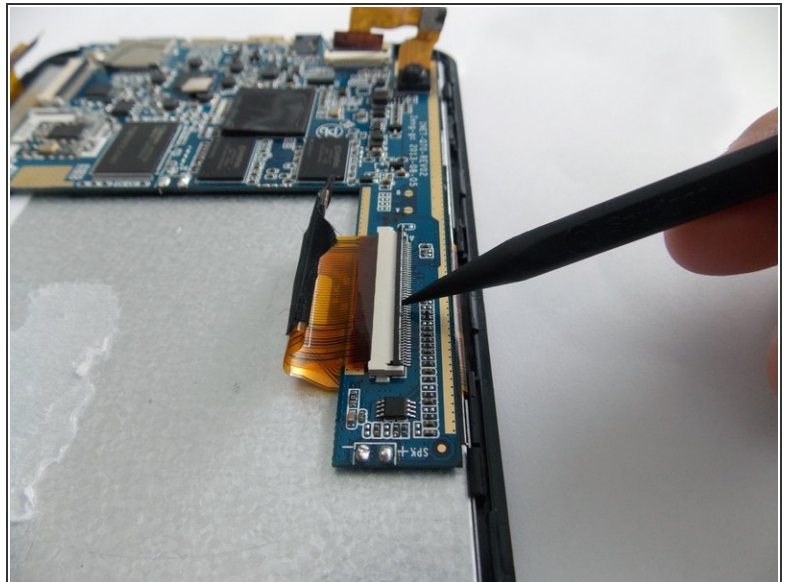
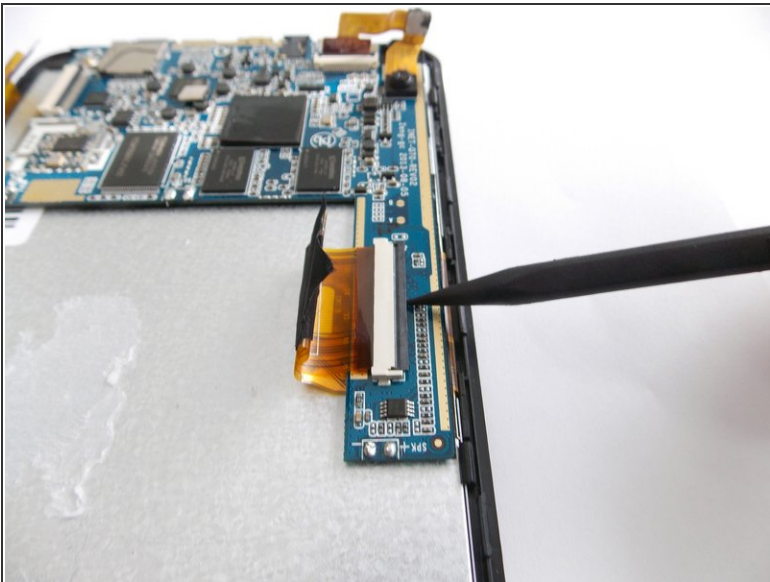


## Step 19



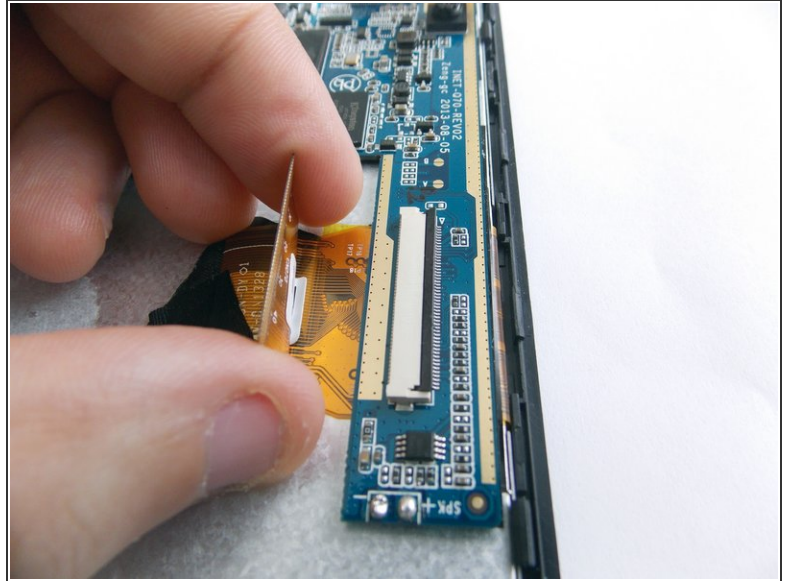
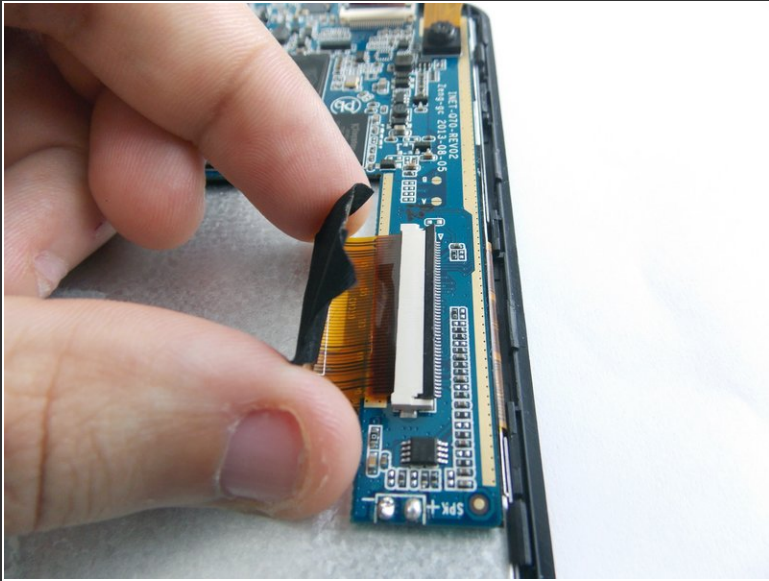
- Grab the power cable and pull backwards gently.

## Step 20



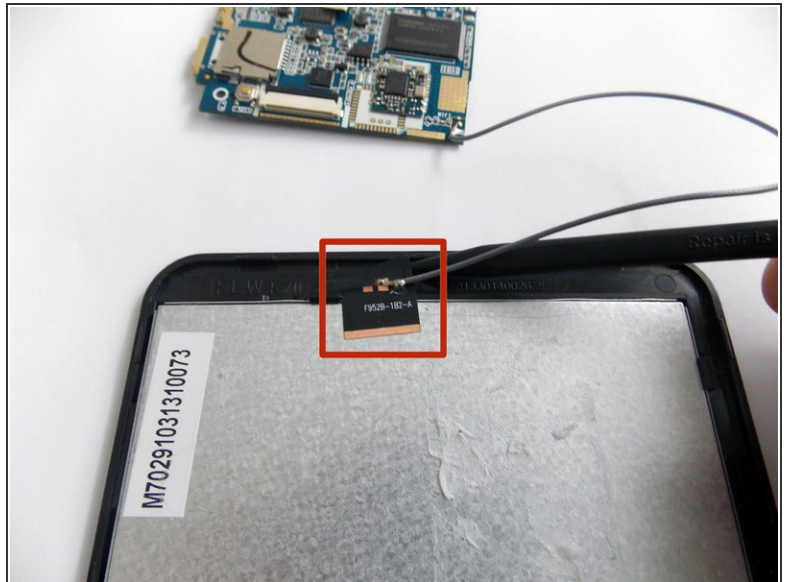
- Use the spudger tool to pry the ZIF connector on the other side of the tablet upwards so that it releases the power cable.

## Step 21



- Grab the power cable and pull backwards gently.

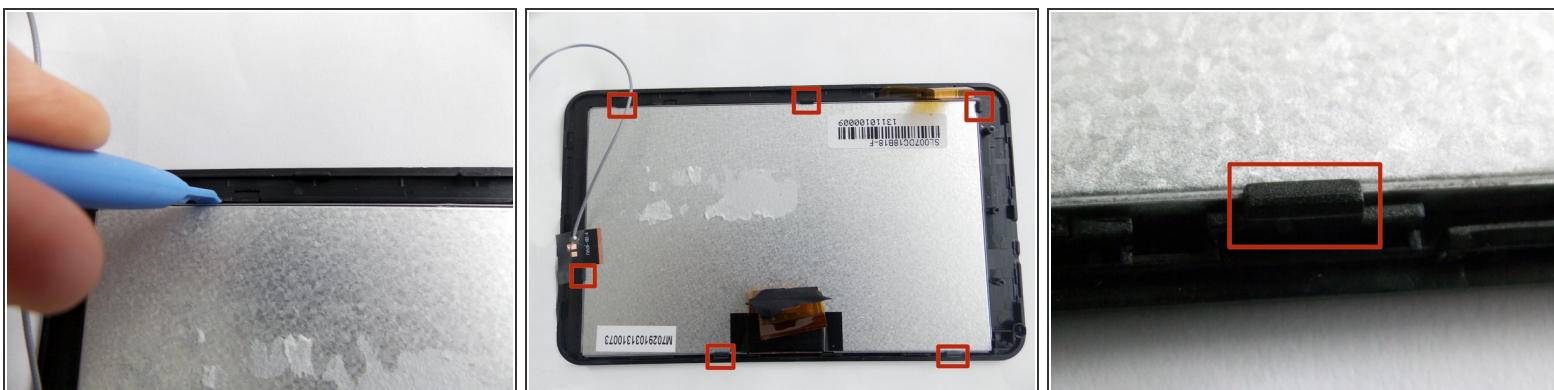
## Step 22



- Grab the now loose motherboard and move it to any side of the case.
- ⓘ There is still one cable connecting the motherboard to the screen. Since it does not hurt the process, you can leave it there until the end. If you want to remove it now, go to Step 25 and then come back.



## Step 23



- Insert the plastic opening tool between the screen and the case to release the clasps holding the screen.

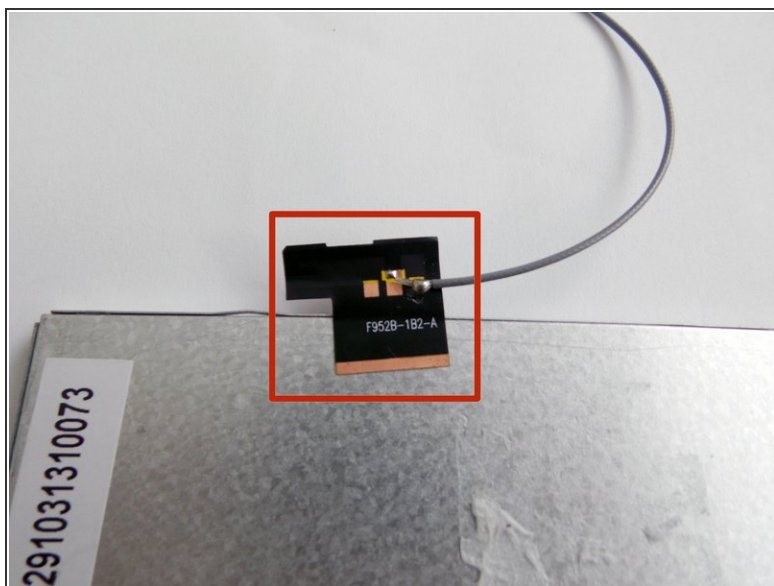
## Step 24



- Remove the screen from the case.



## Step 25



- Remove the taped cable from the screen.

★ You can now remove the screen.

To reassemble your device, follow these instructions in reverse order.