



Digital2 Platinum Pad 9 Motherboard Replacement

This guide will allow you to remove your motherboard in your Digital2 Platinum Pad 9 Tablet so you can replace it.

Written By: David DeMeritt



This document was generated on 2020-11-23 12:09:29 AM (MST).

INTRODUCTION

This guide will teach you how to remove the motherboard. This is a very extensive guide so be prepared to work on it for a little while. You should also be able to solder the wires to the motherboard, use this guide by ifixit to learn how to do this step [Soldering Skills](#). You will also need to be able to identify the components of your device, you can learn how by following this guide [Recognizing & Disconnecting Cable Connectors](#).



TOOLS:

- [Soldering Iron](#) (1)
 - [Tweezers](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [Phillips #0 Screwdriver](#) (1)
-

Step 1 — External Cover



- Take the plastic opening tool and insert it into the crease between the screen and the plastic casing and press down.

Step 2



- After inserting the plastic opening tool, run it around the device a few times to loosen the external cover.

Step 3



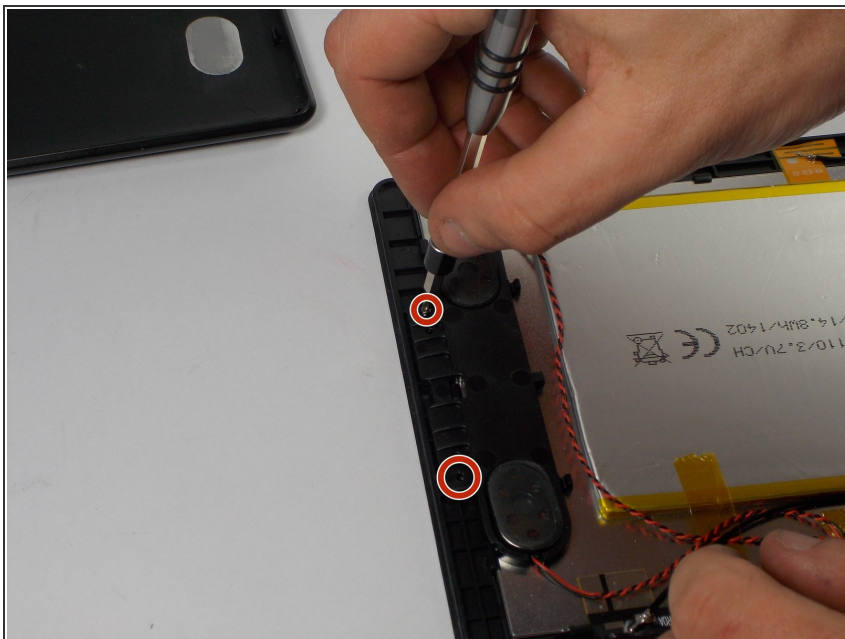
- Once you've gone around a few times a corner will pop up, insert the opening tool there and repeat step 2 with slightly more pressure. Do this until every section of the backing has popped up.
- Then just remove the backing.

Step 4 — External Speaker



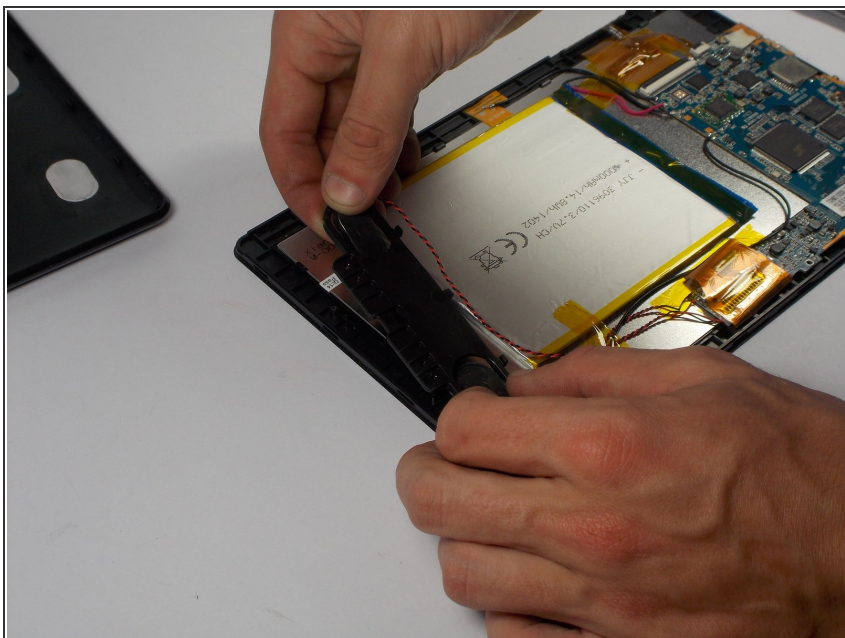
- The external speakers are located in the black plastic fixture near the battery as pointed to in the image.

Step 5



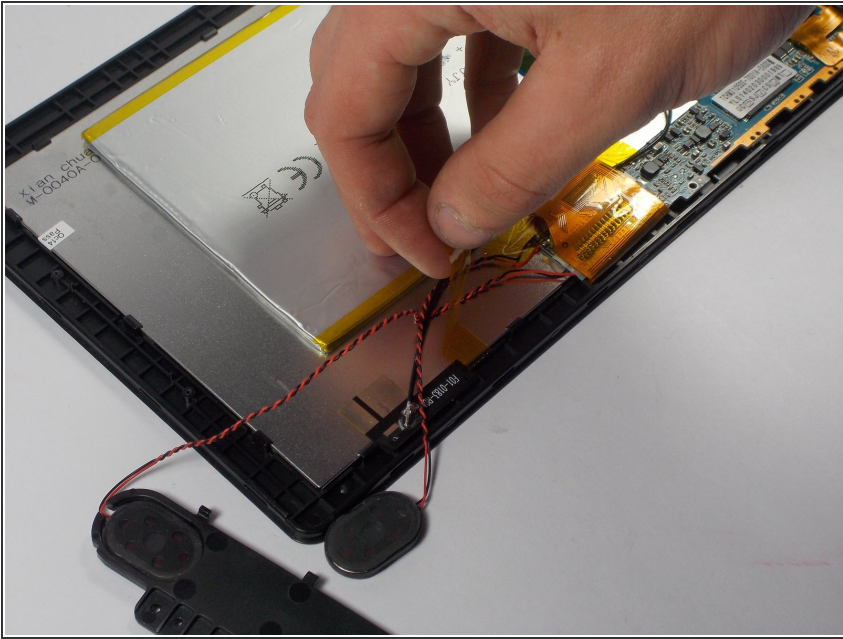
- Use a J0 sized Phillips head screwdriver to remove the two 3.175mm long Phillips head screws from the speaker fixture.

Step 6



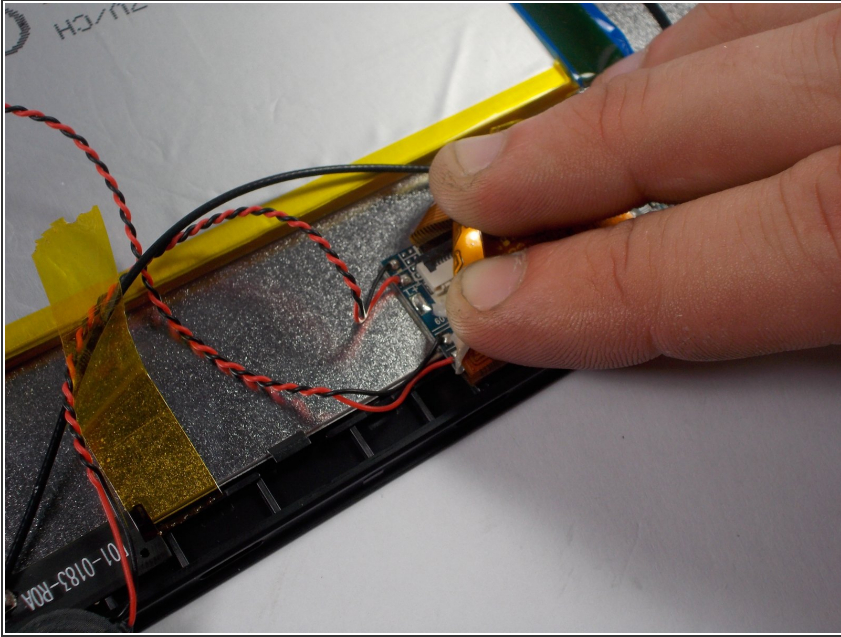
- Then lift up the cover holding the speakers down.
- Remove the actual speakers along with the cover.

Step 7



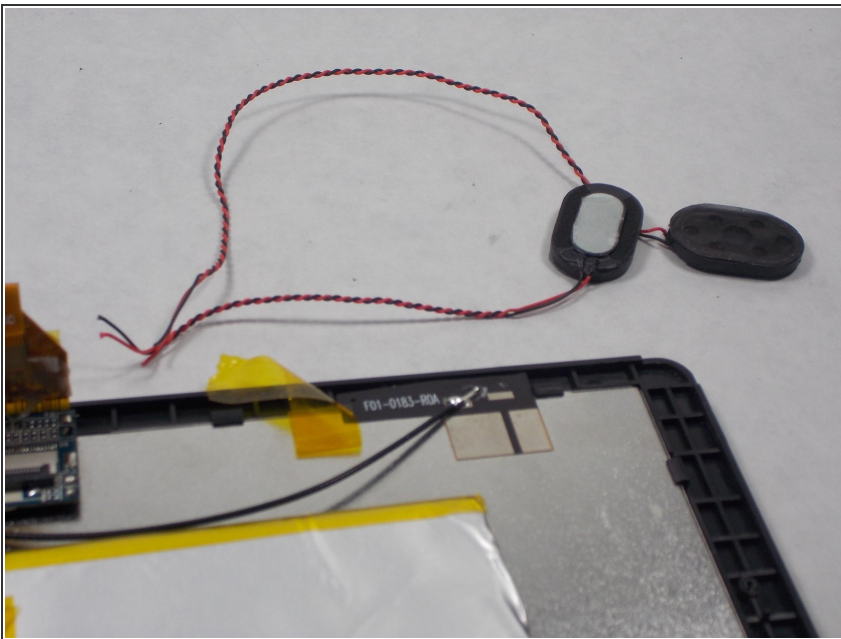
- Remove the tape holding the wires down.

Step 8



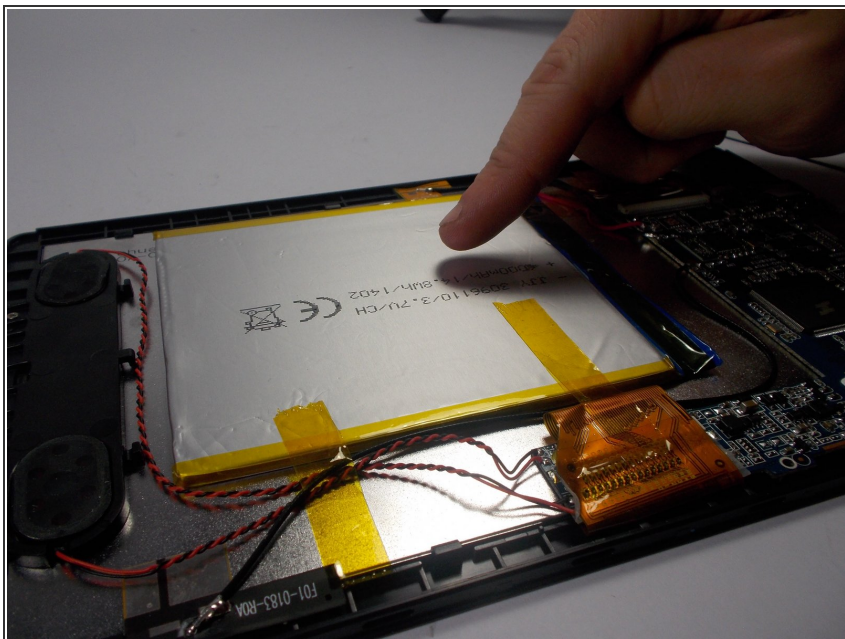
- The two wires that connect the speakers to the motherboard must be removed next. In order to replace the speakers you will need to solder them back into place.

Step 9



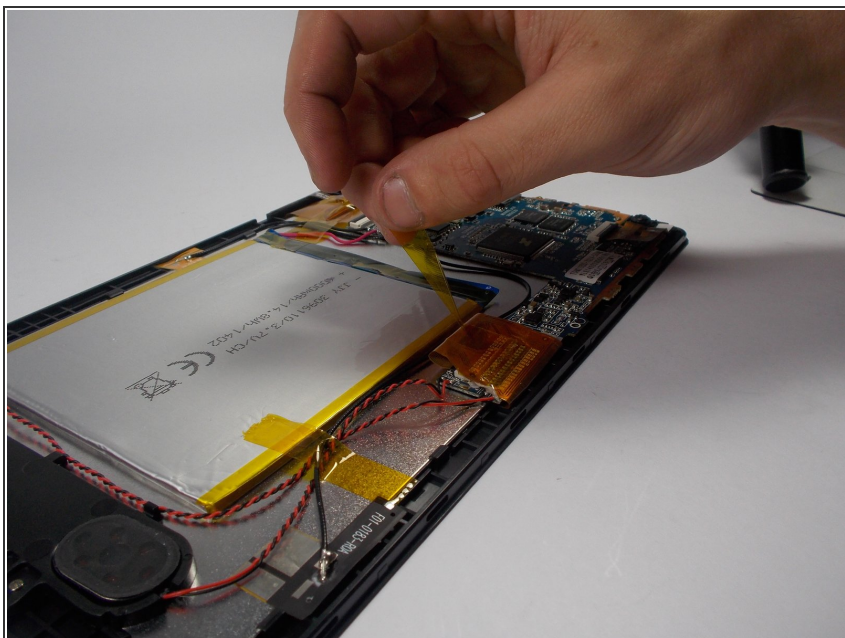
- Desolder the wires. For soldering help, check out iFixit's [How to Solder and Desolder Connections](#) guide.
- Then just pull them off the tablet.

Step 10 — Battery



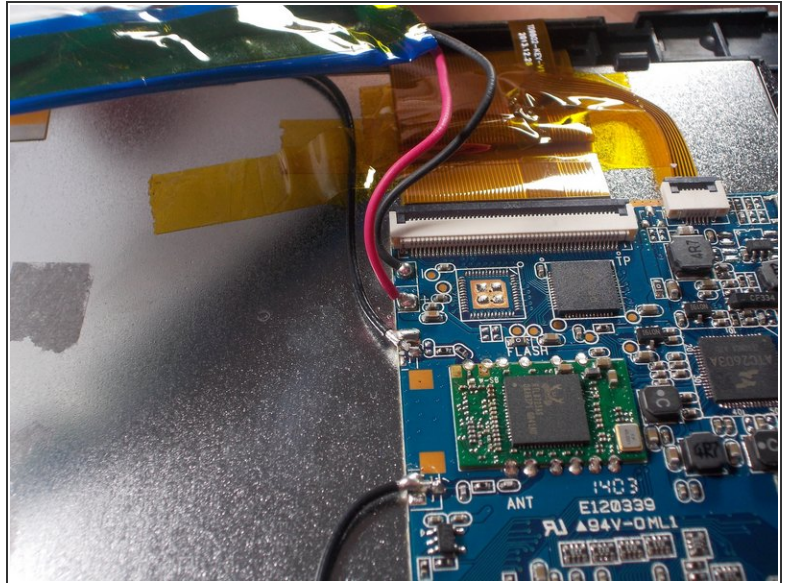
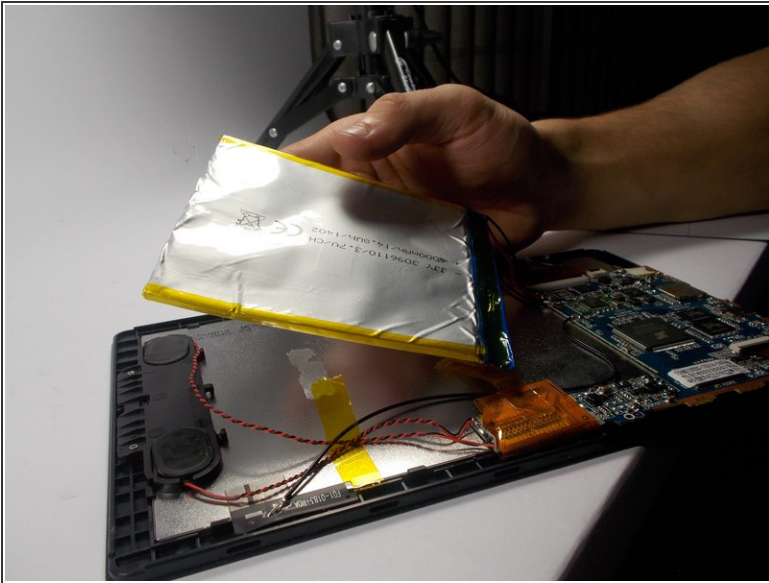
- The battery is the bigger square object in the center of the device held down by 3 pieces of yellow tape.

Step 11



- Carefully remove the tape that is holding down the battery.

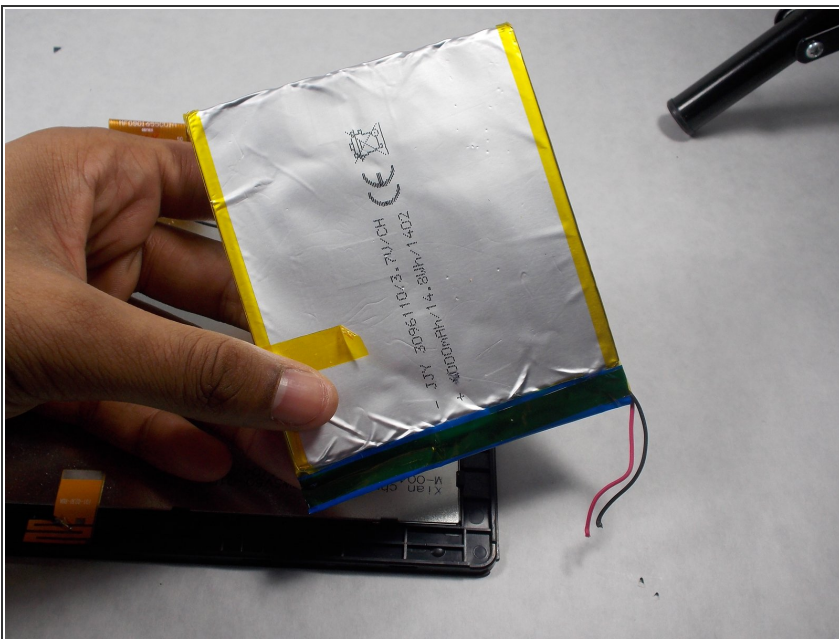
Step 12



- Lift up the battery it will be glued to the device.

⚠ Be sure to gently work it to loosen and remove so that you do not damage your device.

Step 13



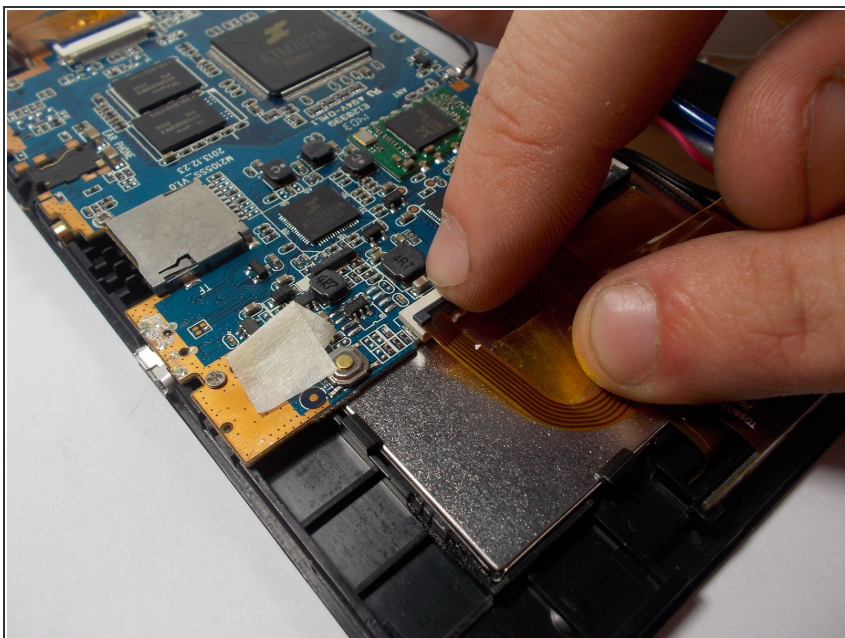
- Desolder the wires that are connecting the battery to the motherboard. For soldering help, check out iFixit's [How to Solder and Desolder Connections](#) guide.
- Then pull away the battery.

Step 14 — Volume Buttons



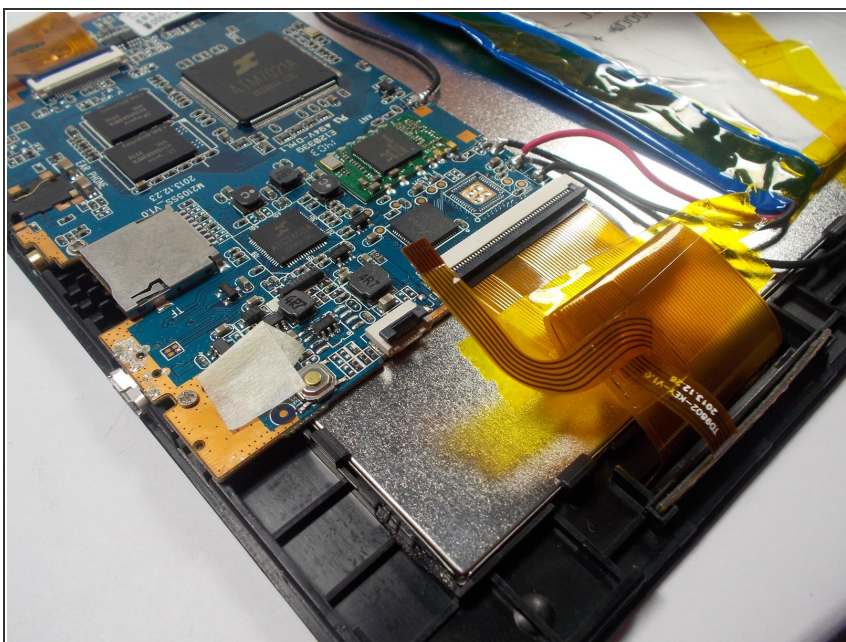
- You can locate the volume buttons on one of the longer sides of the tablet.

Step 15



- Lift up the ZIF connector that is attached to the volume buttons ribbon cable.

Step 16



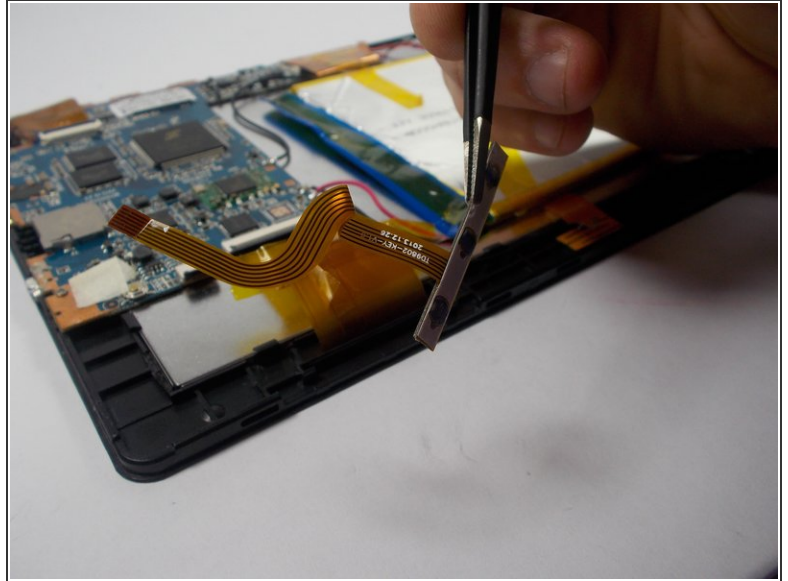
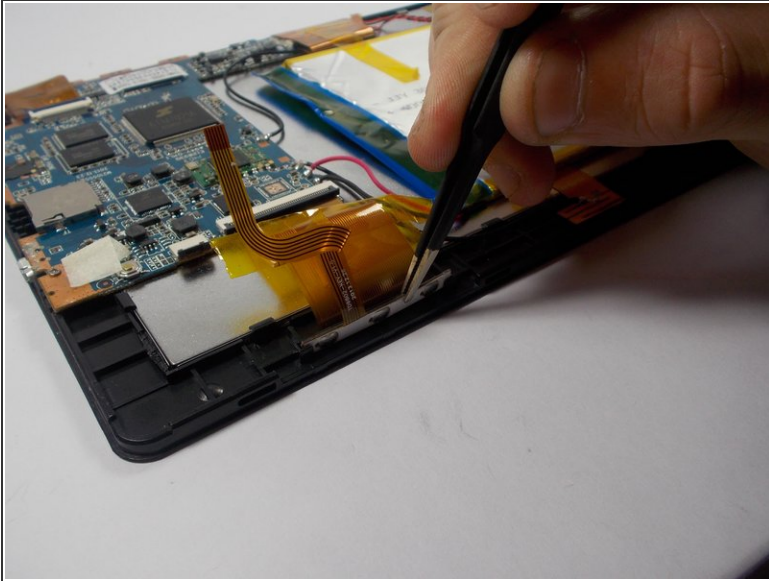
- Then remove the ribbon cable from the ZIF connector.

Step 17



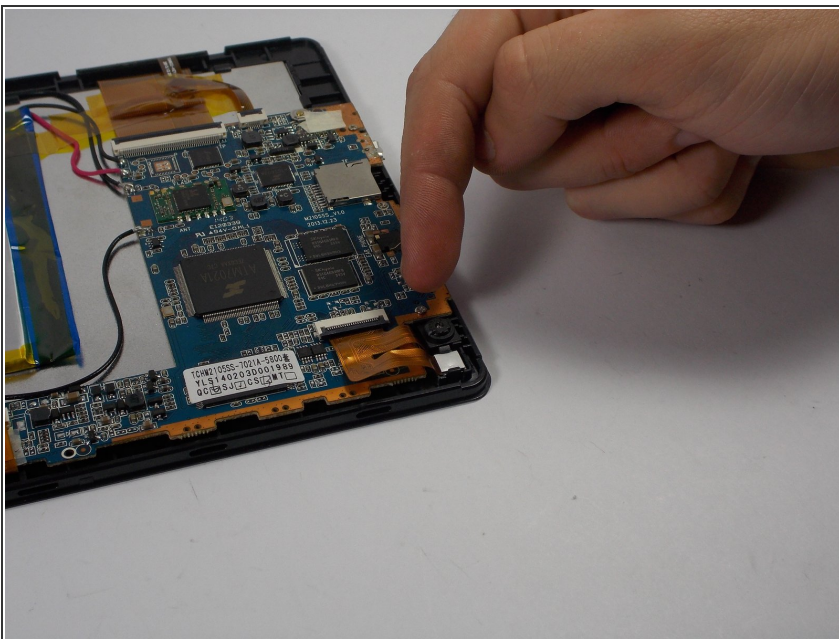
- ⚠ Make sure to separate the volume button's cable from the cable connecting the motherboard to the screen

Step 18



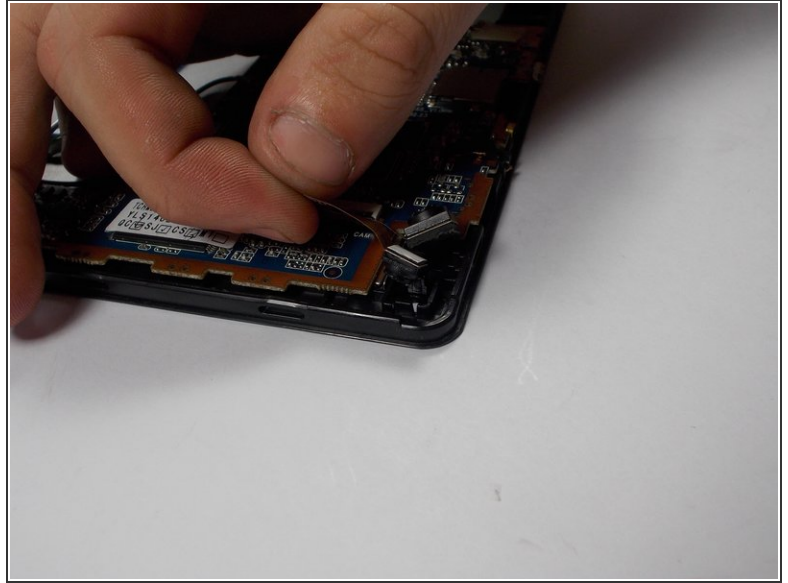
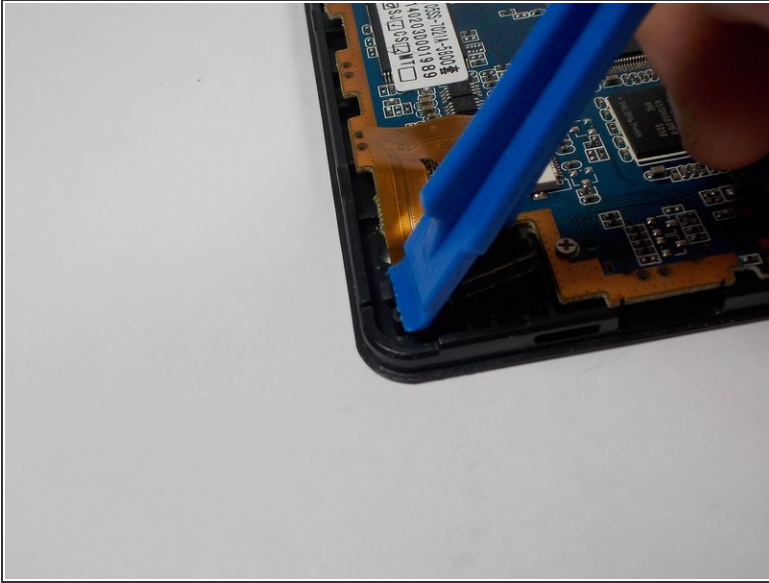
- Then use the precision tweezers to grab the volume buttons.
- Pull until the buttons come out.

Step 19 — Front/Rear Facing Camera



- The front/rear facing cameras are located in the corner of the device one is facing toward you and is black. The other is facing away so you will see the white backing.

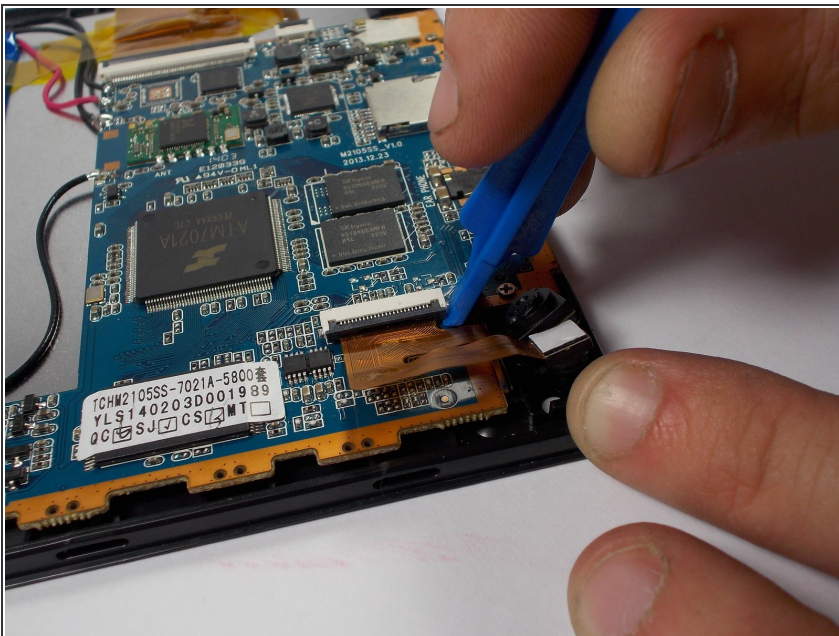
Step 20



- Use the plastic opening tool to pop up the cameras from their slot in the Tablet.
- Then use your hand to lift up the cameras.

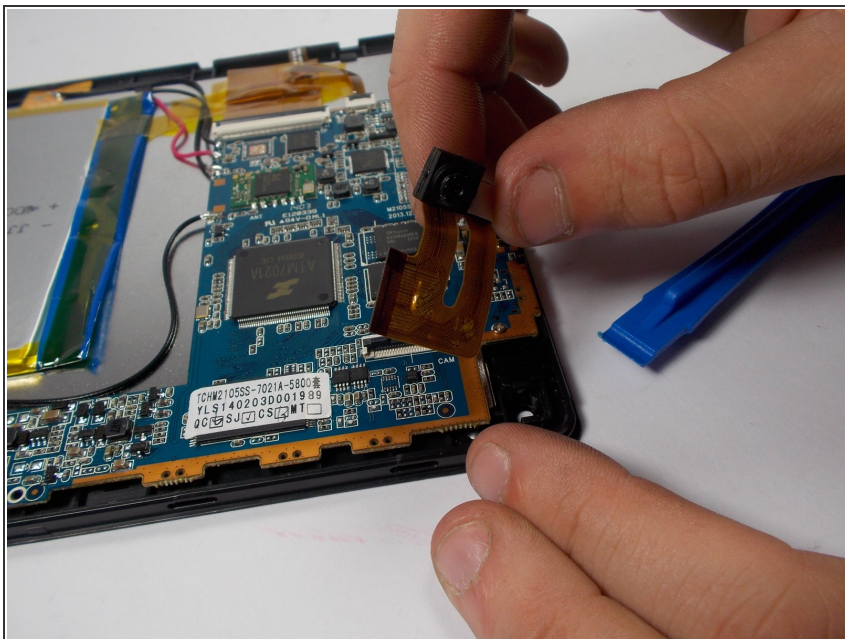
⚠ Make sure not to tear the ribbon cables.

Step 21



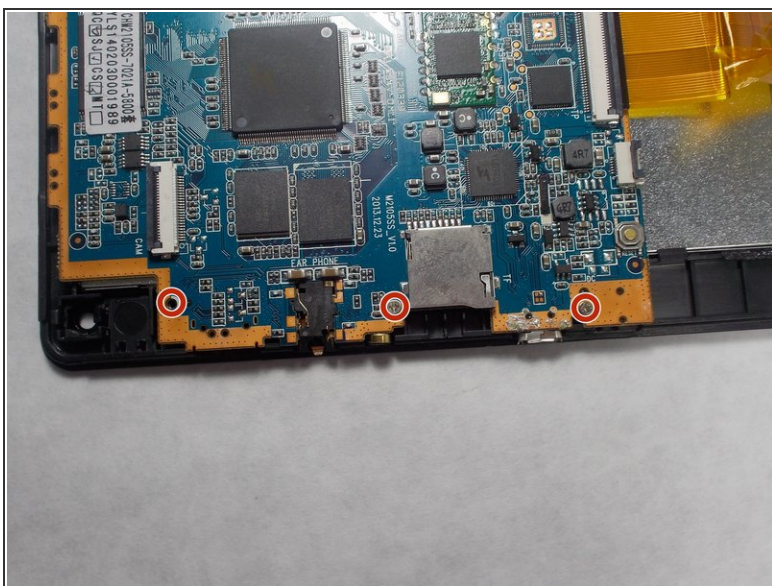
- Use a smaller plastic opening tool to lift up the ZIF connector in which the cameras are plugged into.

Step 22



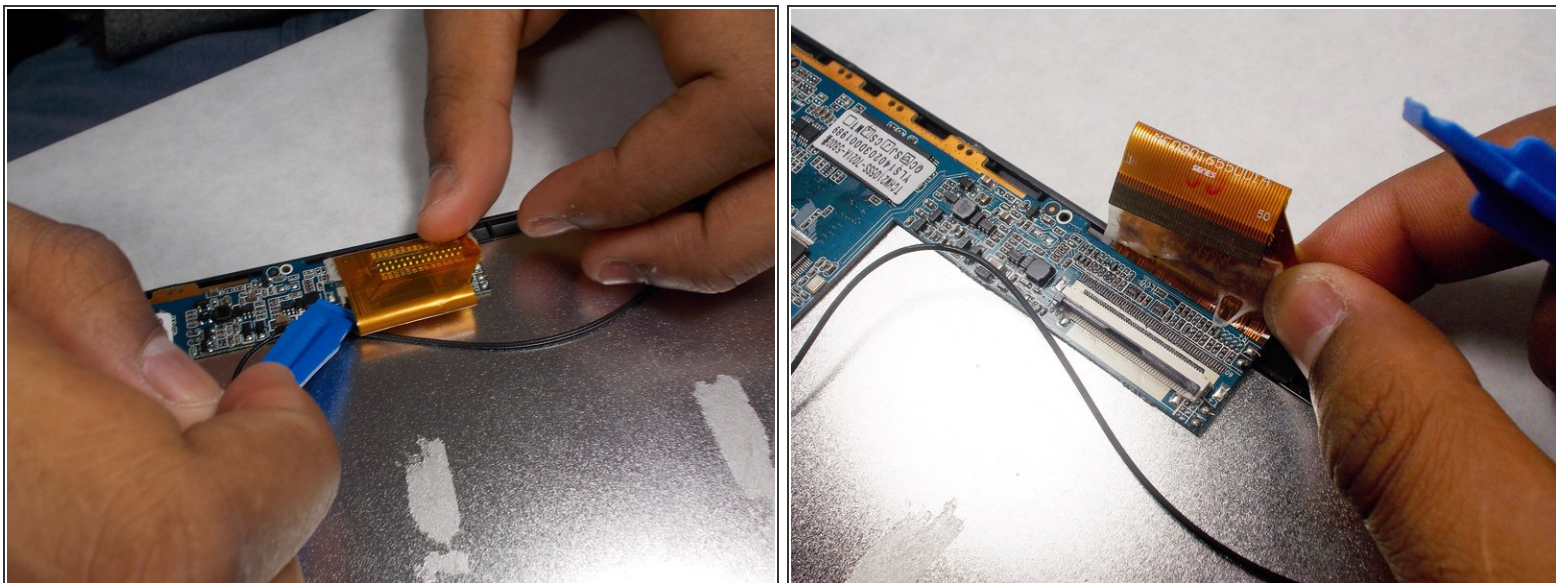
- Finally remove the cameras.

Step 23 — Motherboard



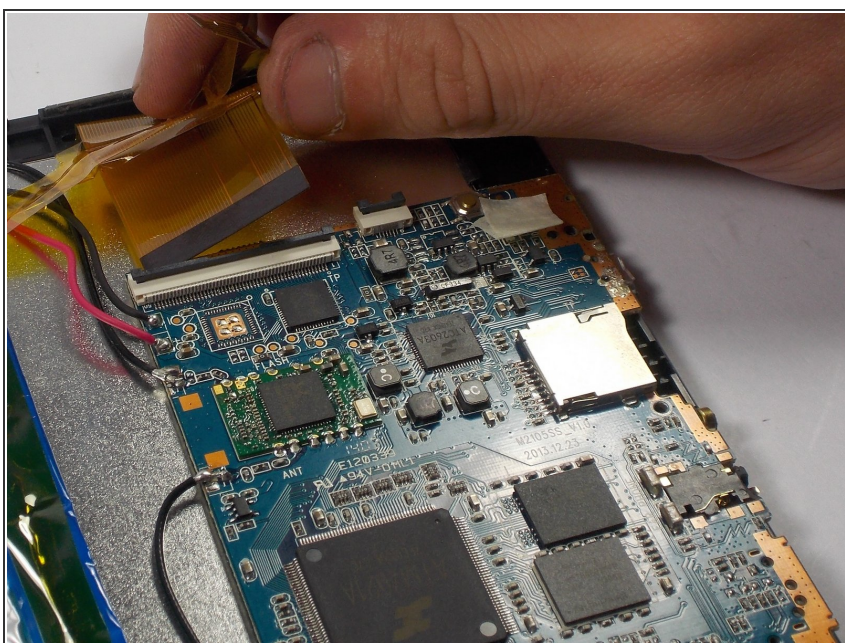
- Use a J0 sized Phillips head screwdriver to remove the three 3.175mm long Phillips head screws from the motherboard.

Step 24



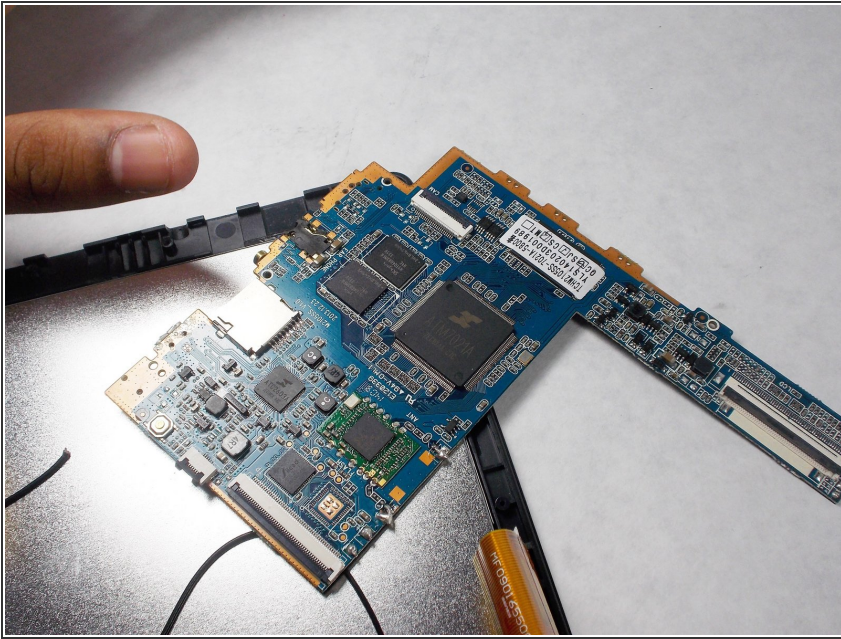
- Insert the plastic opening tool to pop up the ZIF connector holding the ribbon cable down.
- Remove the ribbon cable.

Step 25



- Remove the ribbon cable from the ZIF connector, it is next to the volume buttons.

Step 26



- Desolder the connections that are soldered to the motherboard. For soldering help, check out iFixit's [How to Solder and Desolder Connections](#) guide.
- Then remove the motherboard by lifting it away.

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