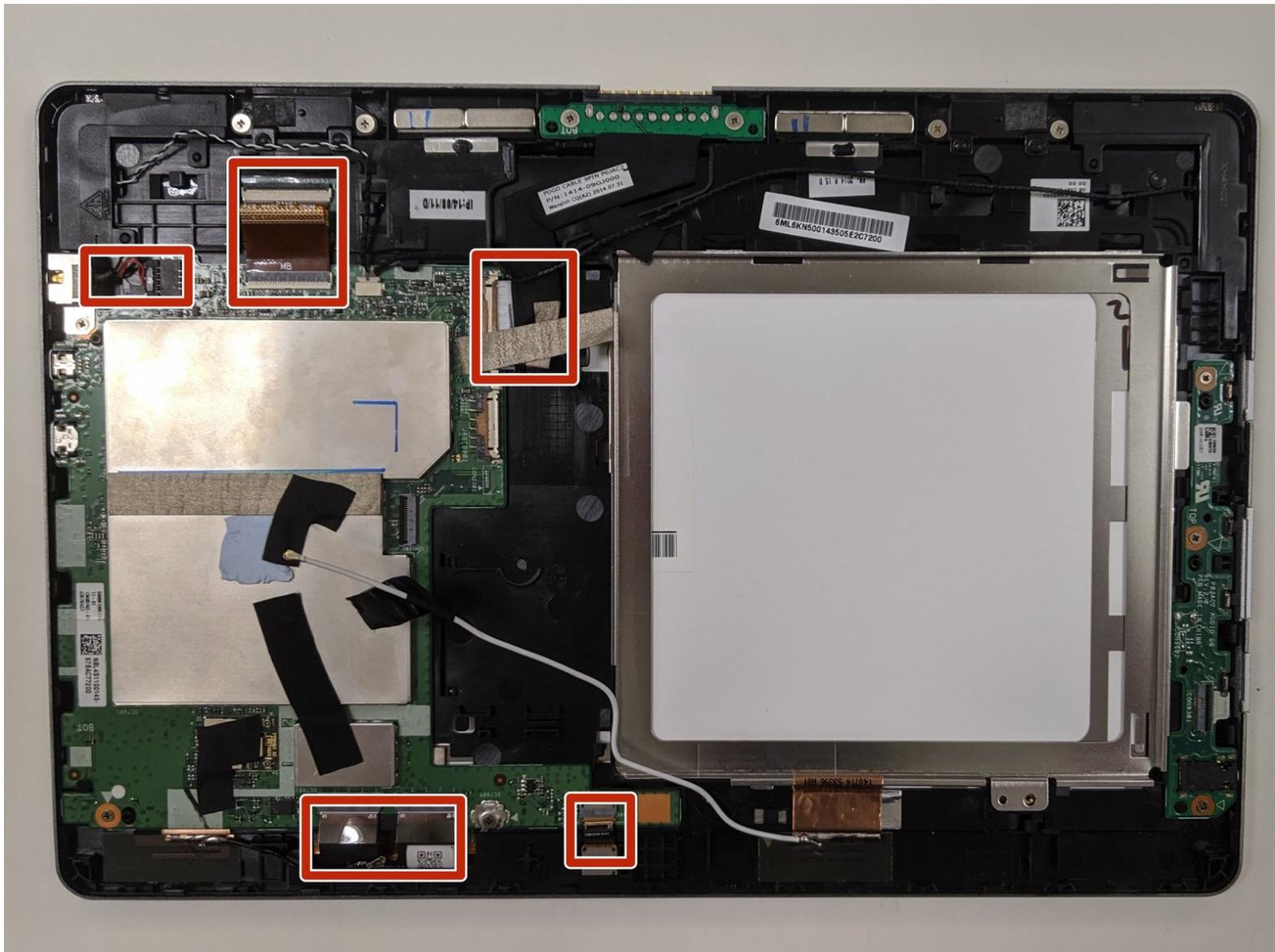




Acer Aspire Switch 10 SW5-012-18MY Motherboard Replacement

This guide will help you replace the motherboard in your Acer Aspire Switch 10 SW5-012-18MY.

Written By: William Oyen



INTRODUCTION

If your Acer Aspire Switch 10 will not start up, the motherboard could be damaged. The motherboard can get fried from electrical shocks, damaged if dropped, and suffocated from poor ventilation. The motherboard is a computer's central communications backbone connectivity point, through which all components and external peripherals connect. Before using this guide make sure your device is charged. If it is and still does not work, complete the guide. Make sure your device is powered off and not connected to any external power sources before you begin.

TOOLS:

- [iFixit Opening Tool](#) (1)
 - [Phillips #000 Screwdriver](#) (1)
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Step 1 — Battery



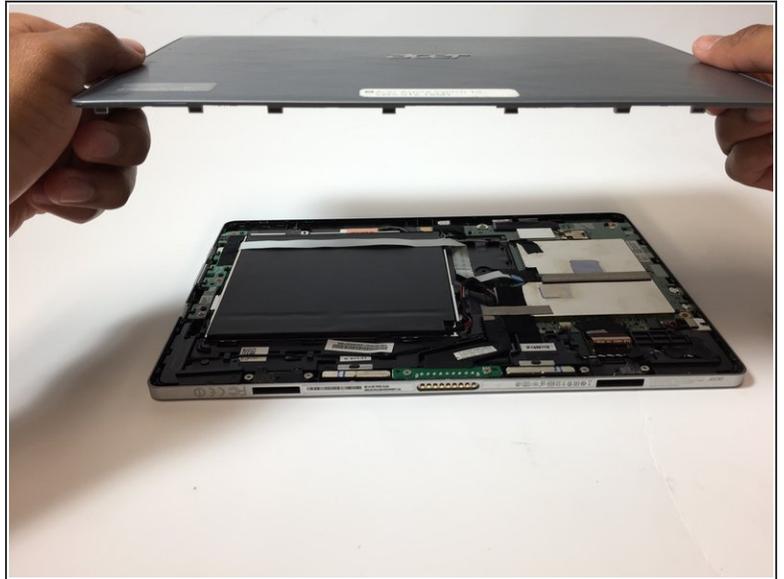
- Remove the tablet from the keyboard.
- ⓘ You will not be needing the keyboard for this guide.

Step 2



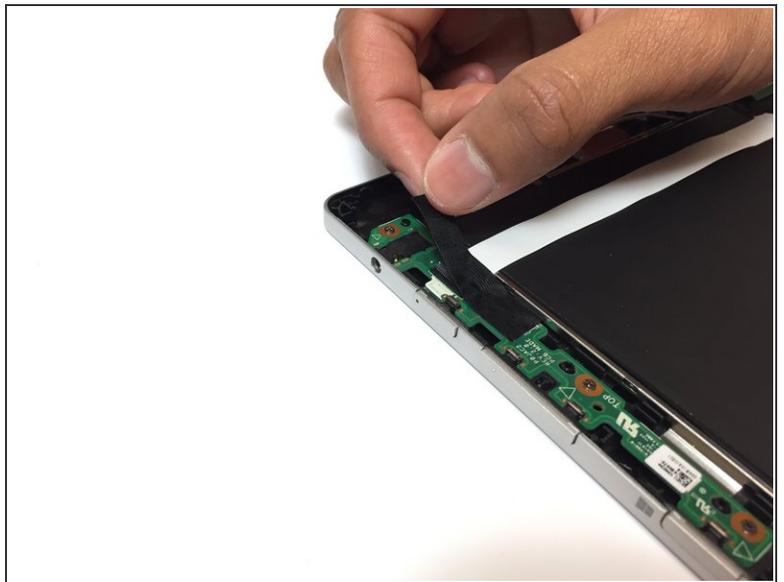
- Use the opening tool to open the back cover. The opening tool should fit under the cover if you place it above the power button.
- Lift this side of the back cover once the opening tool is inside the device.
- Use the opening tool and your hands to gradually work around the edges of the cover.

Step 3



- Lift the back cover off of the device with your hands.
- ⓘ You will need to use some force to pull off the back cover.

Step 4



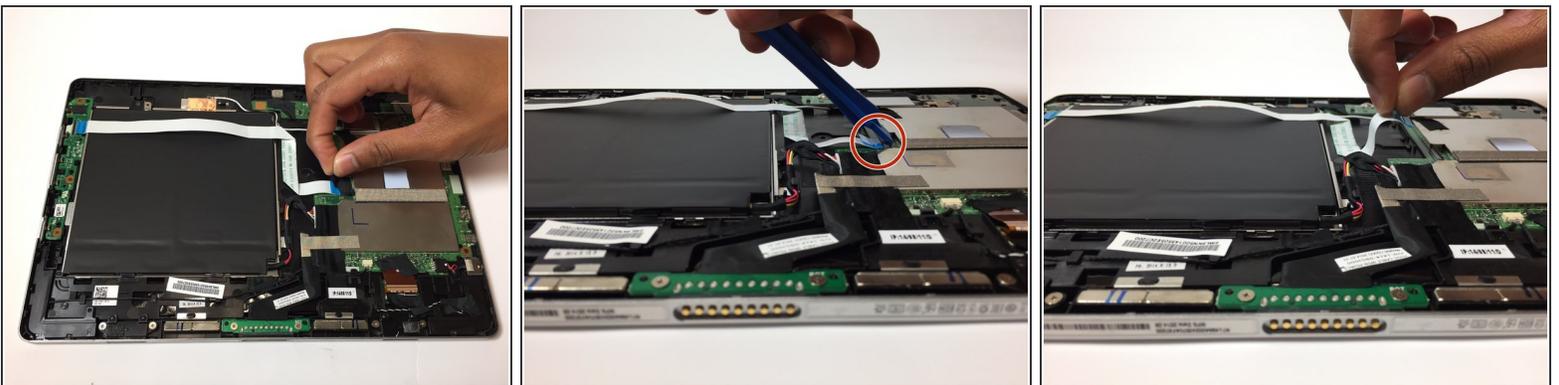
- Remove the piece of black, thin tape that is attached to the circuit board closest to the power button.

Step 5



- Use the opening tool to lift the ZIF connector holding the ribbon cable in place on the circuit board.
- Pull out the ribbon cable from the circuit board. This cable should have the word "Audio" on it.

Step 6



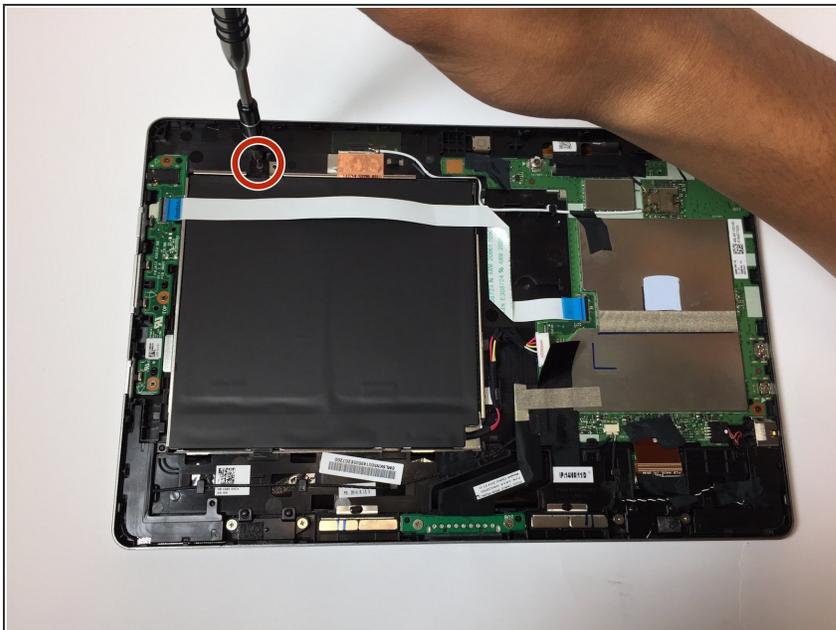
- Remove the piece of thin, black tape that is attached to the circuit board on the other side of the battery.
- Use the opening tool to lift the black ZIF connector holding the ribbon cable in place.
- Pull out the ribbon cable from the circuit board.

Step 7



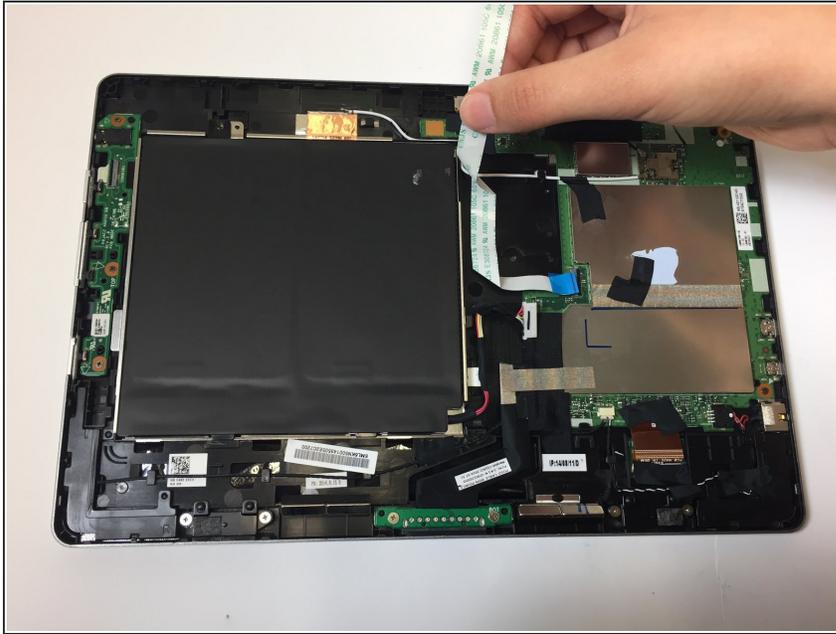
- Partially remove the piece of black tape that is holding the bundled cable connector to the battery in place.
- Pull on the battery's bundled cable connector to unplug it from the circuit board.

Step 8



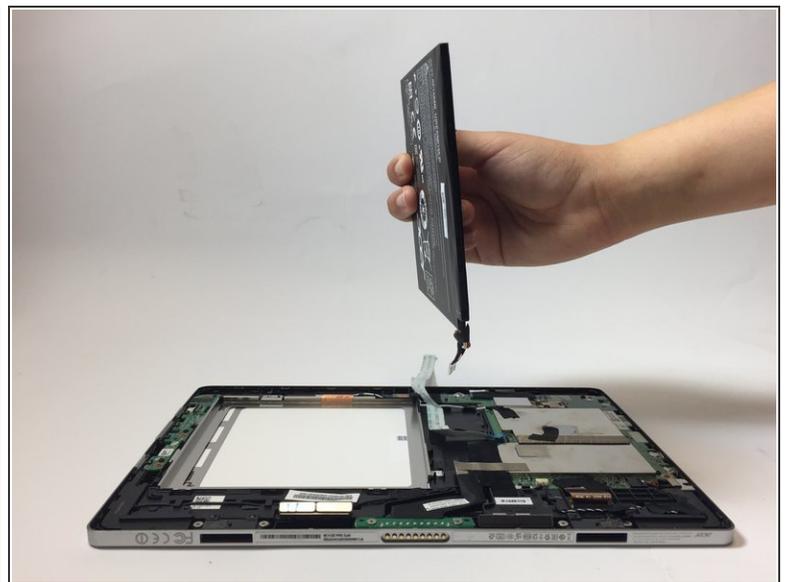
- Using the Phillips #000 screwdriver, remove the 3 mm screw that is holding the battery in place.

Step 9



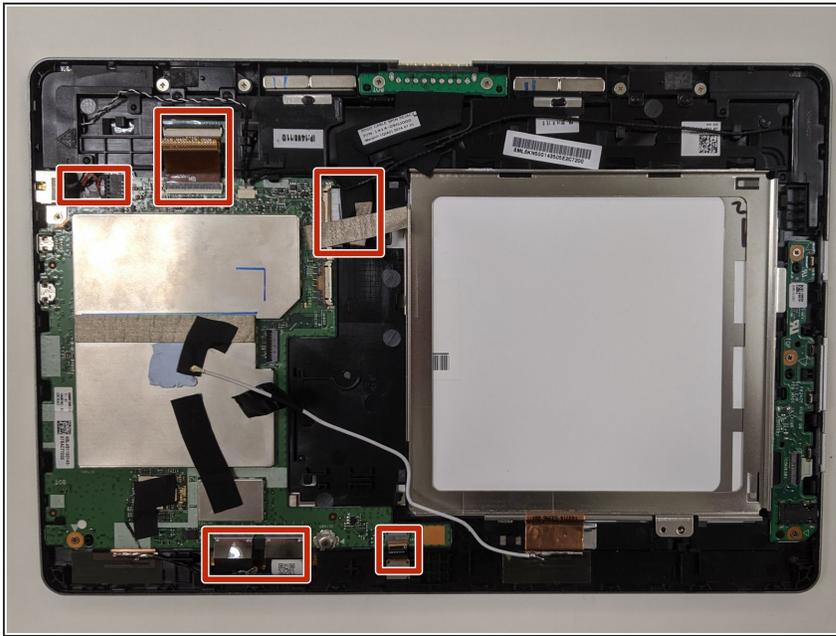
- Gently remove the ribbon cable from the battery.

Step 10



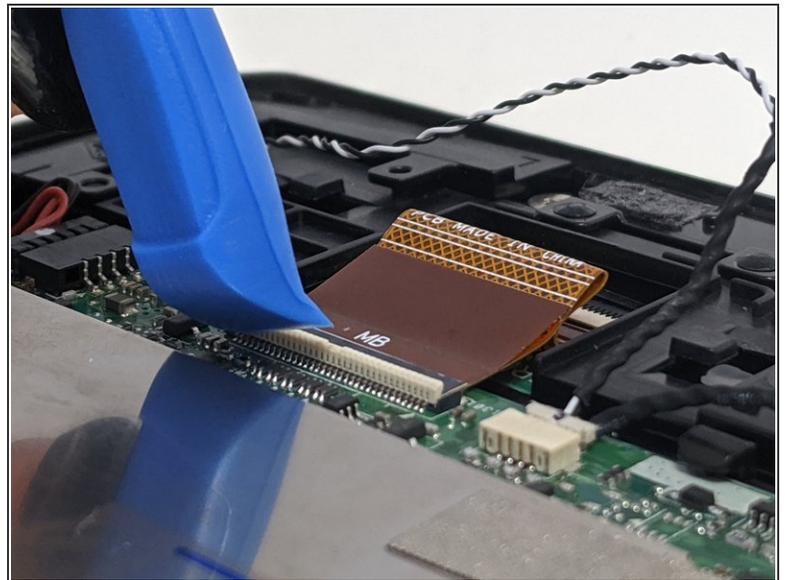
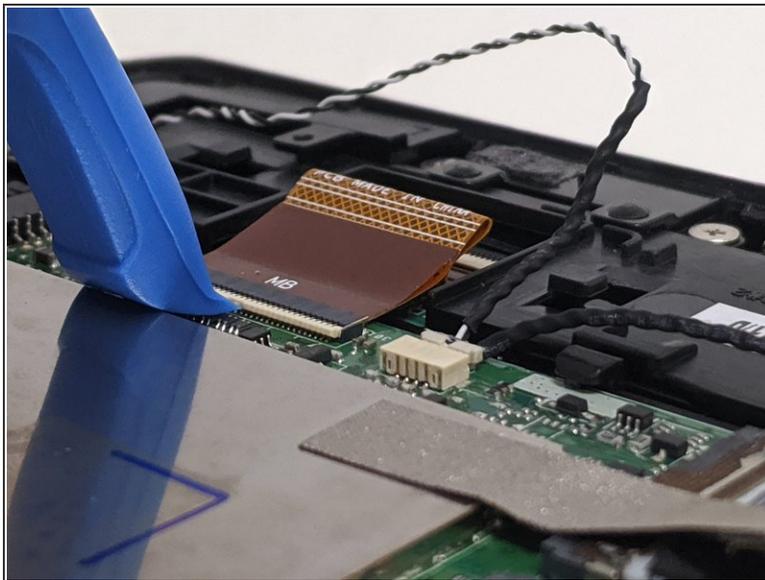
- Carefully remove the battery from the device by lifting it up.

Step 11 — Motherboard



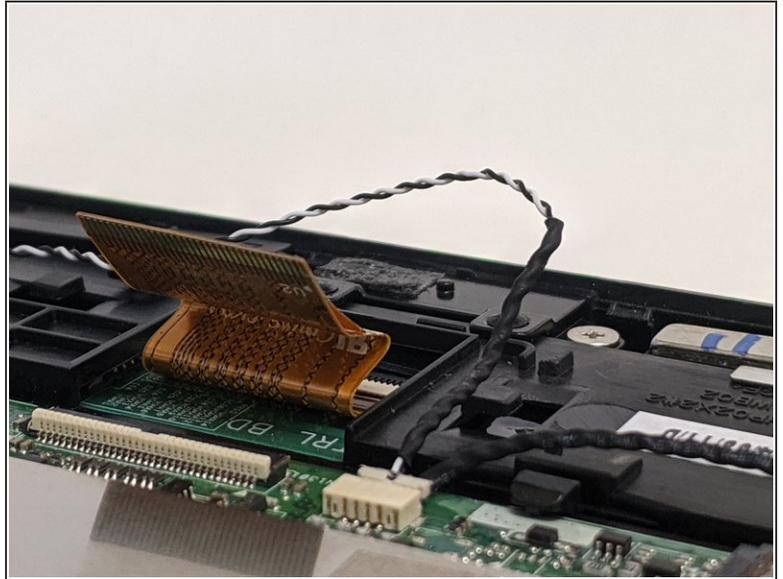
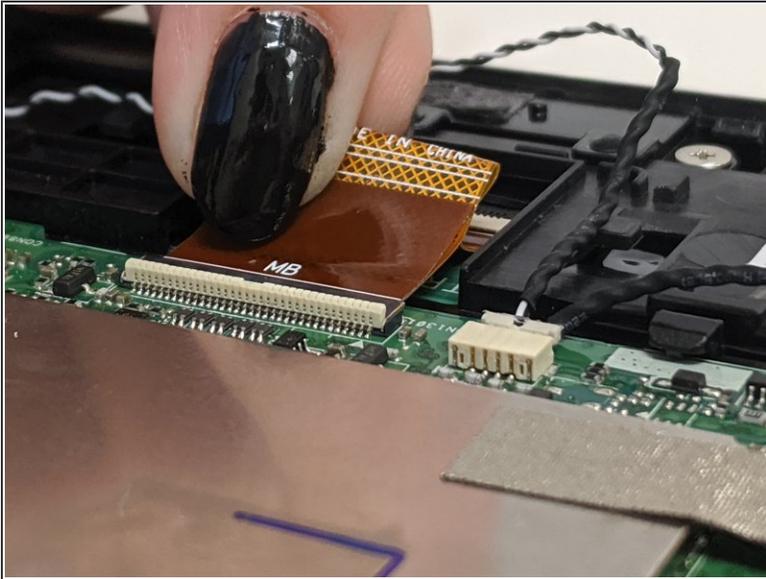
- Now that the battery is removed, it is time to remove the remaining ribbon cables and connectors (marked in red) from the motherboard.

Step 12



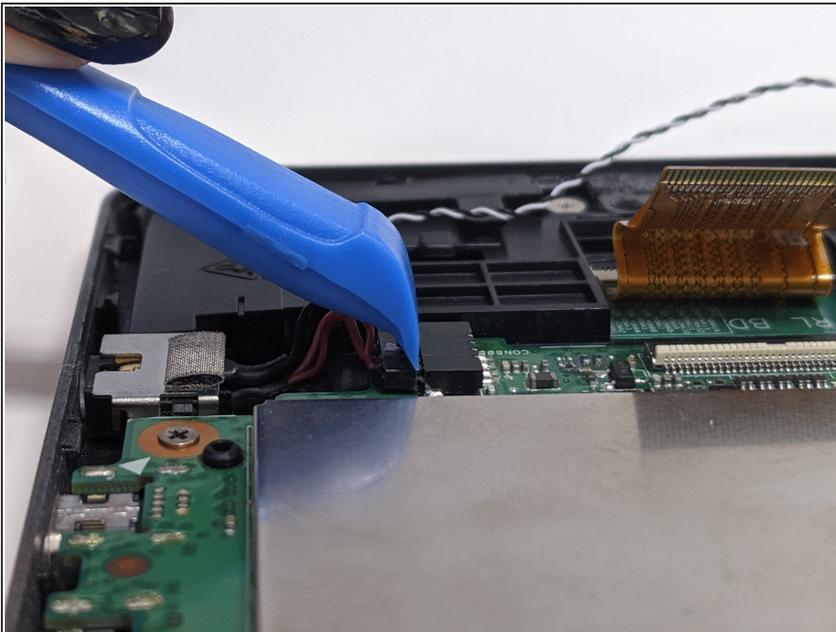
- Remove motherboard ribbon cable and slide the opening tool under the cable lock.
- Flip the cable lock up.

Step 13



- Pinch the ribbon cable and slowly remove it from the port.

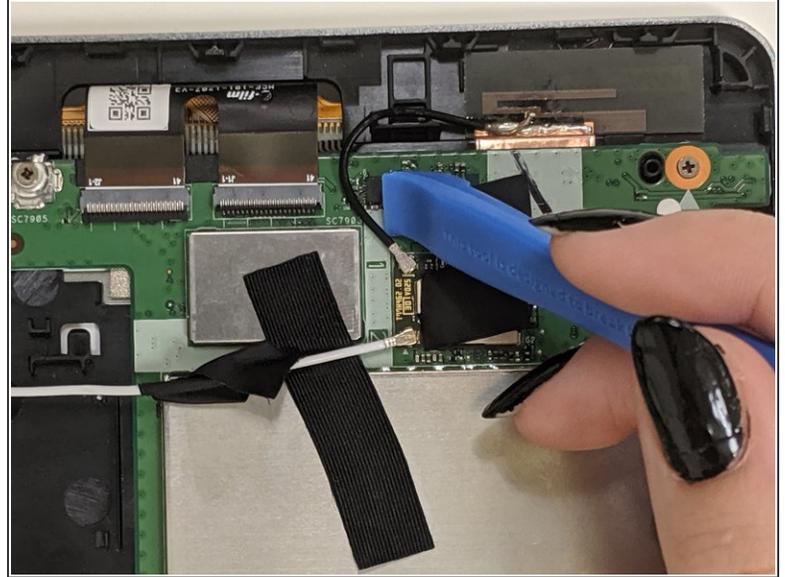
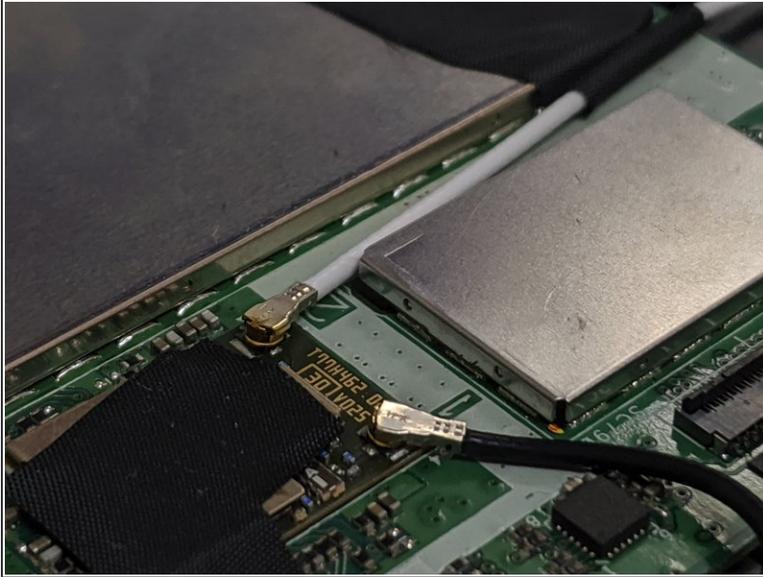
Step 14



- Remove the charging port cable from the motherboard using the opening tool. Remove them in the

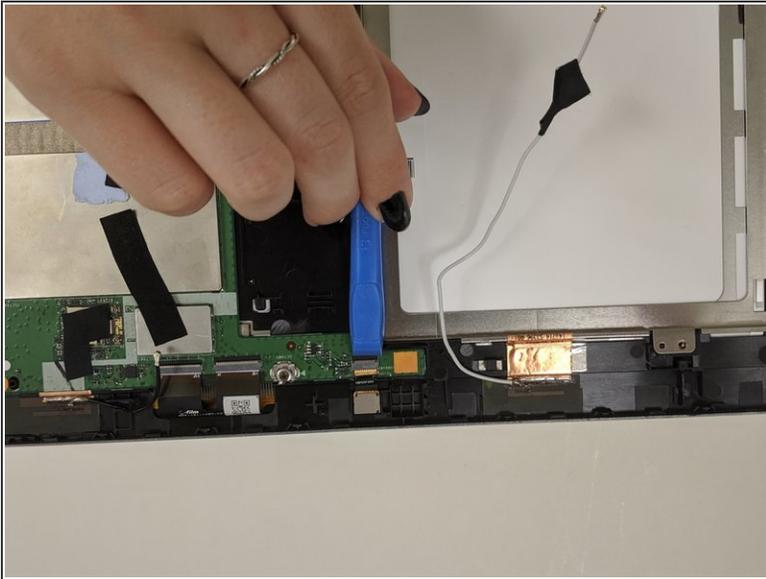
same fashion you removed the other cables.

Step 15



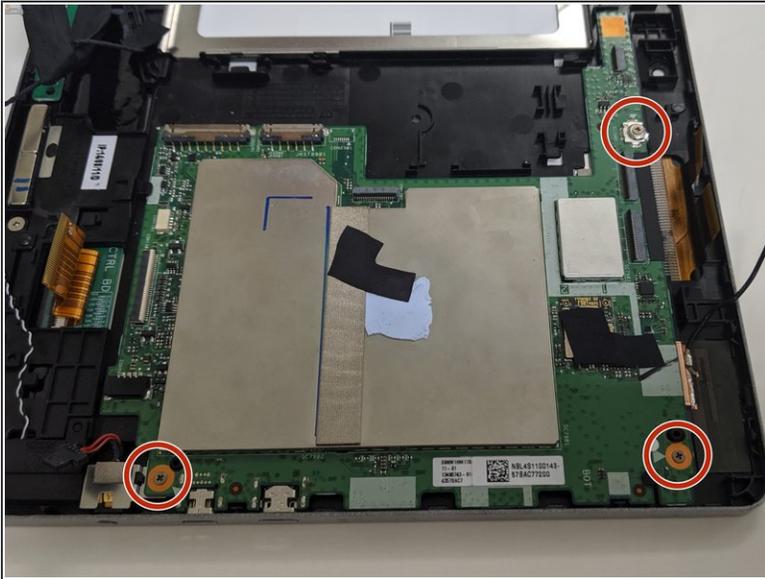
- Remove the Wifi cables.
- Slide the opening tool under the cables and pop them out of their connectors.

Step 16



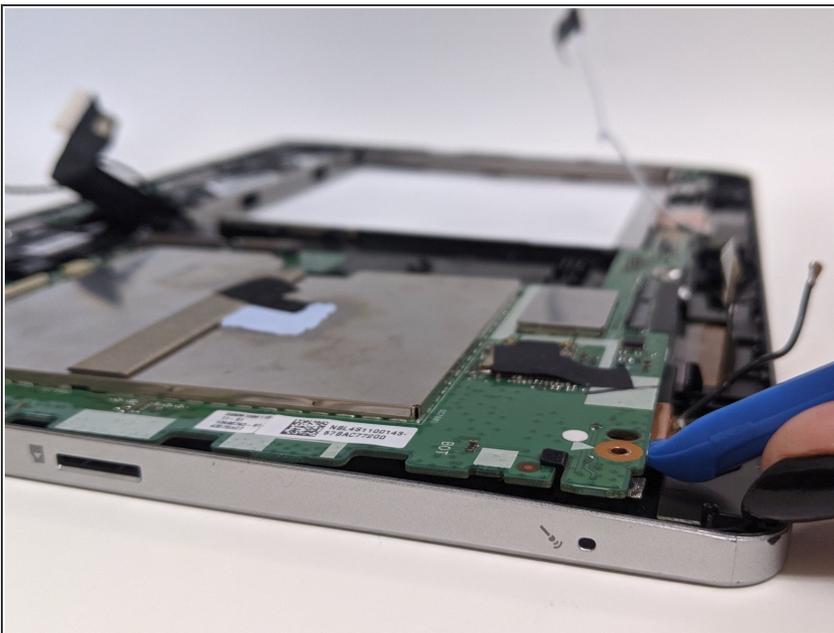
- Remove the webcam ribbon cable.
- Slide the opening tool underneath the port lock and pop it upward.
- Remove the webcam, if possible, putting it safely aside.

Step 17



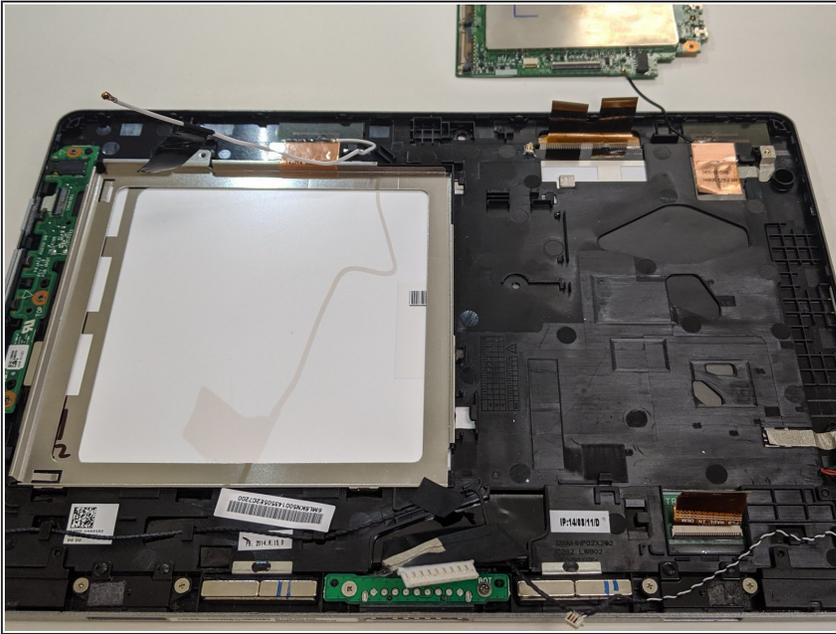
- Using the Phillips #000 screwdriver remove the three 3 mm screws, circled in red, on the motherboard.

Step 18



- With all screws and ribbon cables removed, it is now possible to remove the motherboard from the tray.
- Slide the opening tool under the motherboard.
- Lift up to remove.

Step 19



- You have removed the motherboard from the laptop.

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