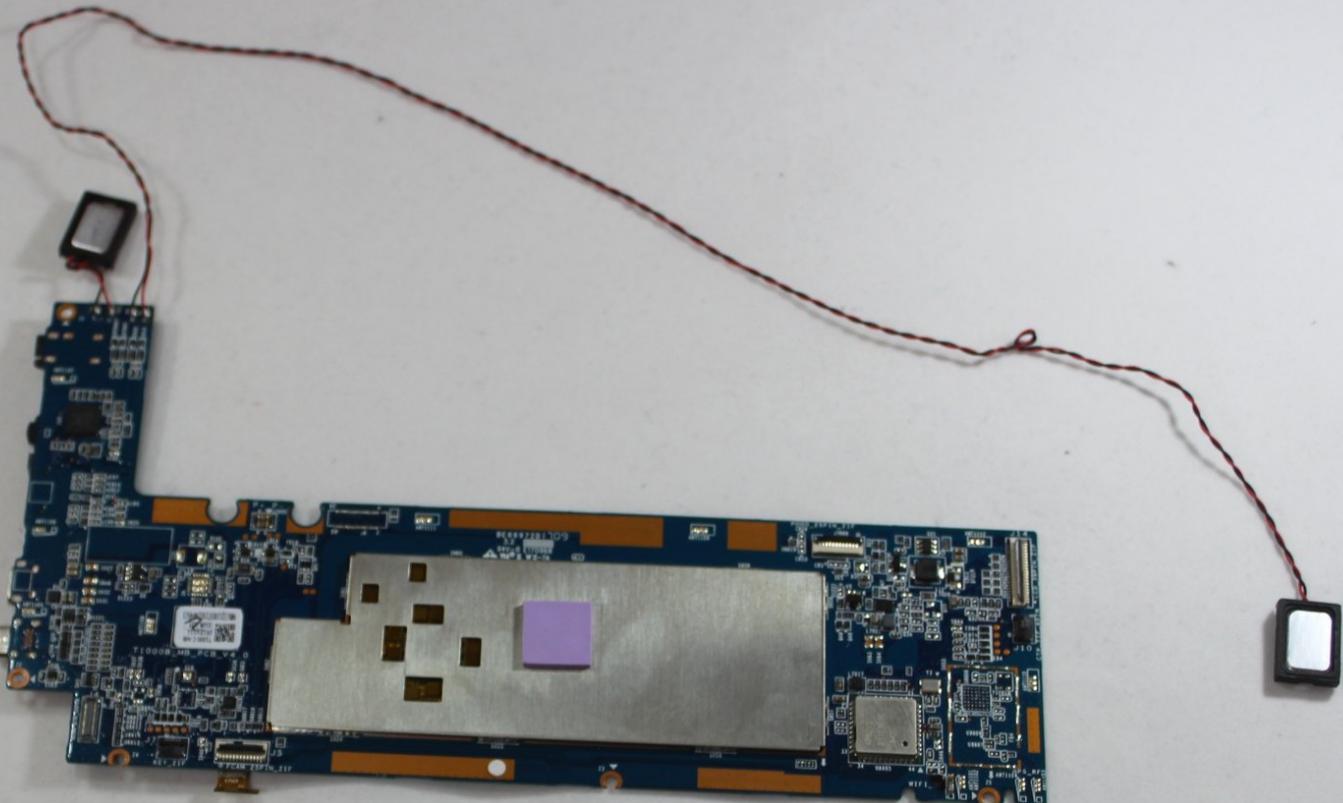




Acer One 10 S1003-114M Motherboard Replacement

Replace your dead motherboard using this guide to restore your Acer One 10 S1003-114M's functional capabilities.

Written By: Rachel Harrison



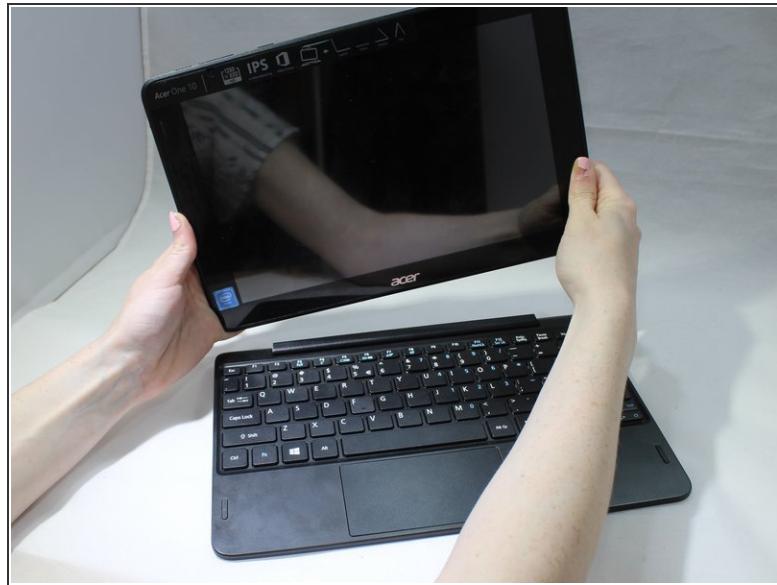
INTRODUCTION

Is your motherboard dead, preventing your device from functioning? If so, here is a guide to remove your motherboard.

TOOLS:

- [Phillips #00 Screwdriver](#) (1)
- [Jimmy](#) (1)
- [Metal Spudger](#) (1)
- [Spudger](#) (1)

Step 1 — Battery



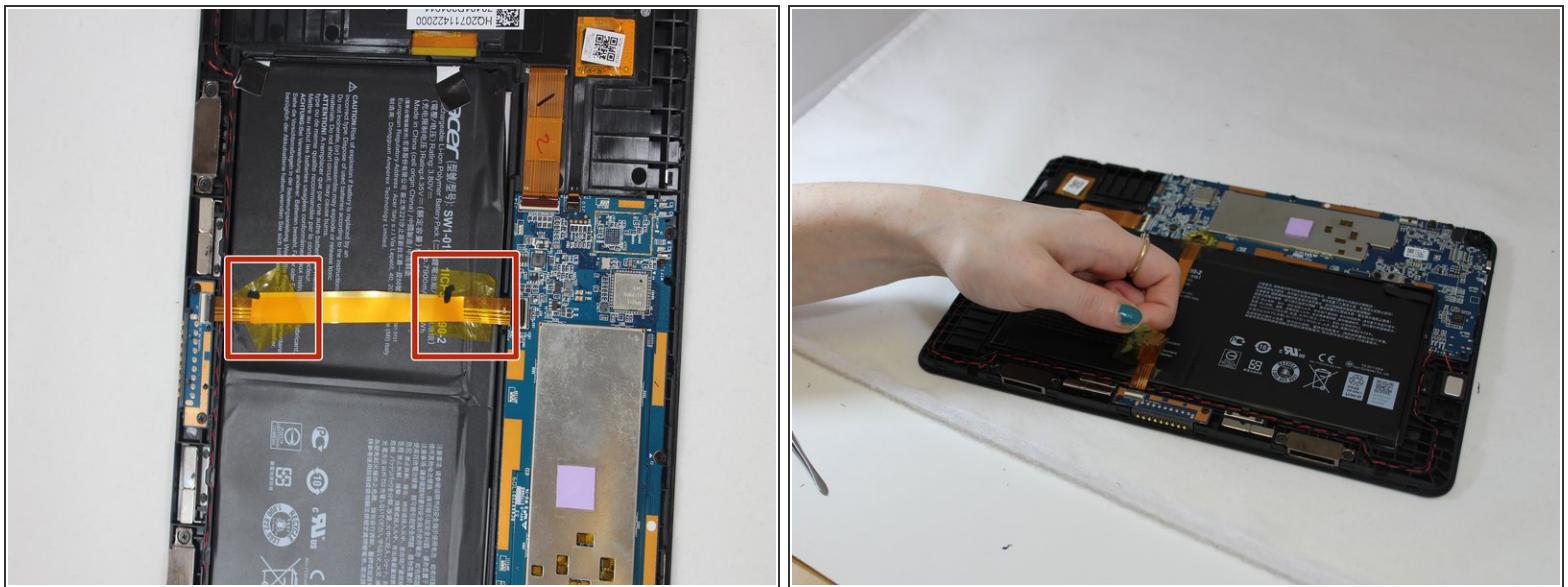
- Make sure the device is turned off and disconnected from any power source.
- To disconnect the tablet from the keyboard attachment, open the laptop and lift the tablet component up from the keyboard dock.

Step 2



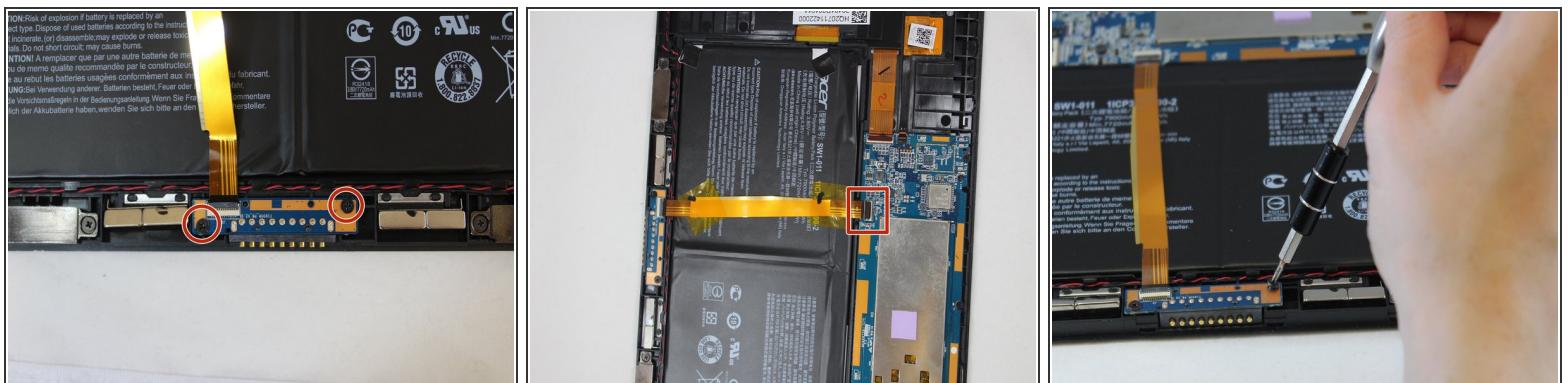
- ⓘ While handling the device, make sure to avoid pushing the power button. Device must remain powered off.
- ⚠ Metal spudgers and similar prying tools can damage internal components like the motherboard. It is ideal to use a regular black nylon spudger or a plastic opening tool, but for this device the metal jimmy and spudger were the only tools that worked.
- Starting from the corner of the tablet, use a jimmy to create a gap between the screen and the back covering.
- Insert a metal spudger in the gap that you created with the Jimmy.
- Slowly maneuver the metal spudger along the perimeter of the tablet to pry the screen and back covering apart.
- Separate the back covering from the screen.

Step 3



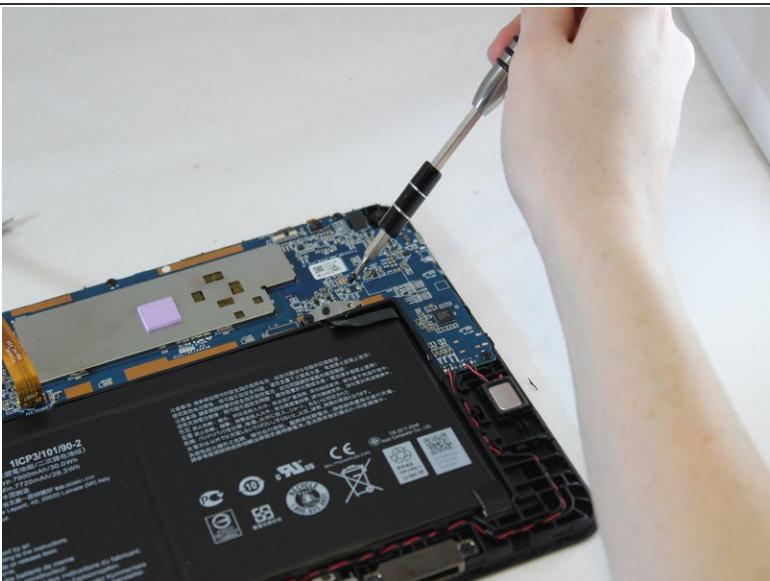
- Using your hands, peel off the Polyimide tape (yellow tape).

Step 4



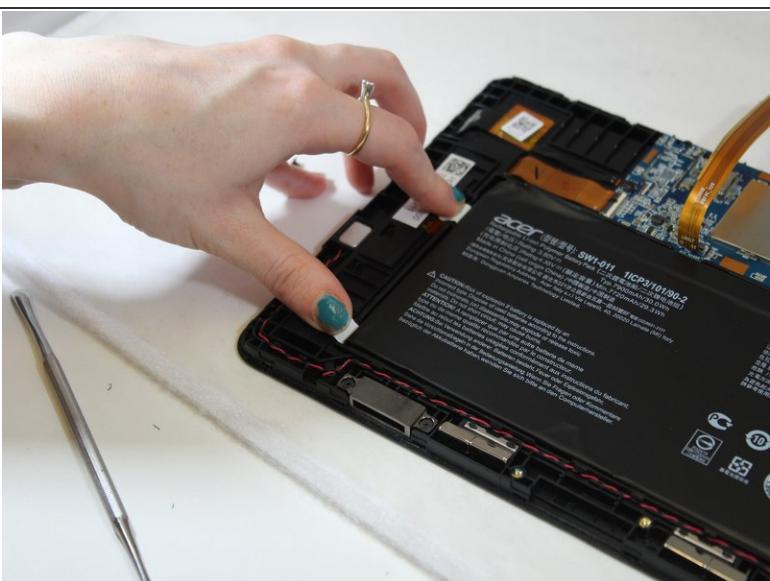
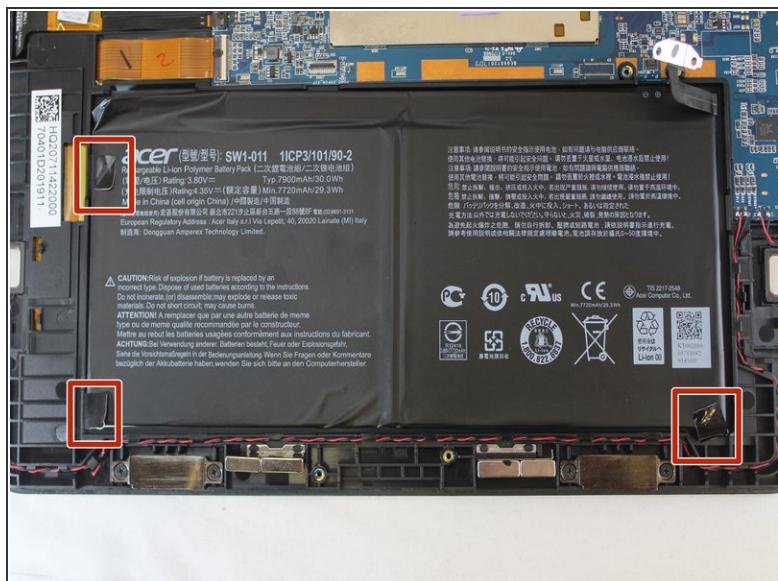
- Using the Phillips #00 screwdriver, unscrew the two 2mm screws at the bottom of the tablet and open the ZIF latch.
- Gently remove the gold ribbon cable covering the battery and set it aside.

Step 5



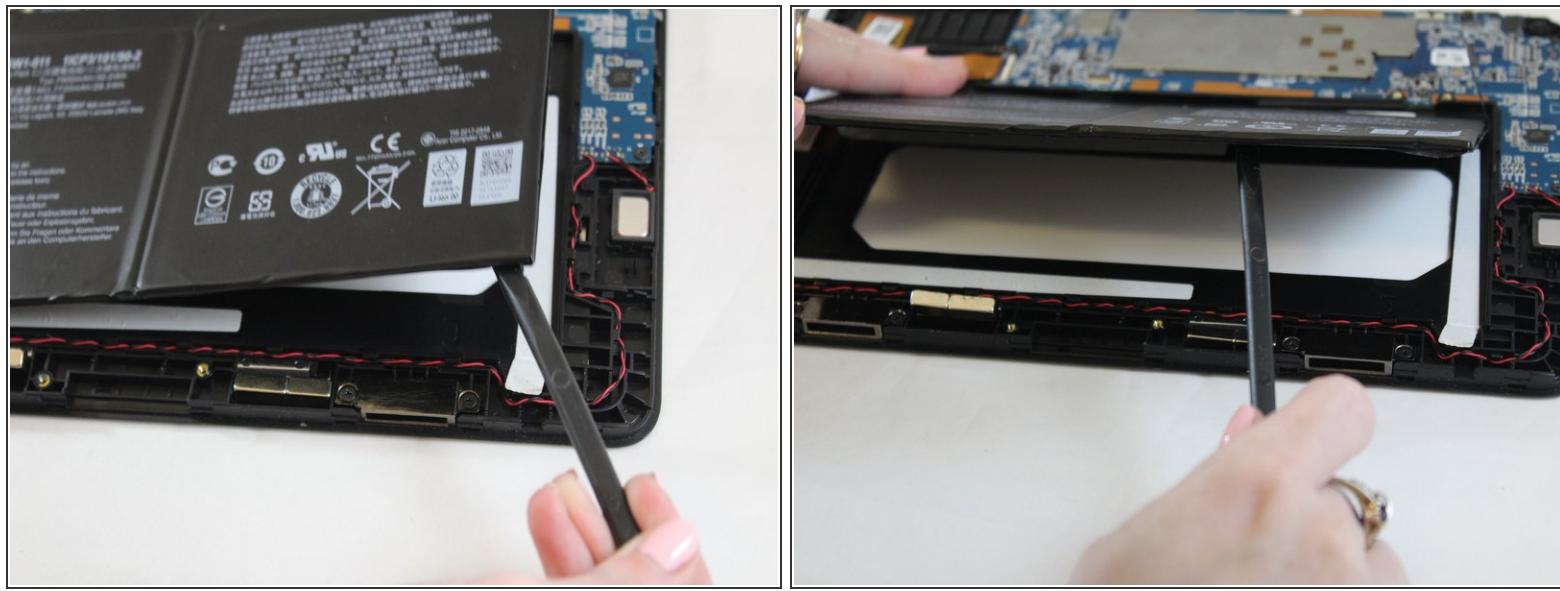
- Using the Phillips #00 screwdriver, unscrew the two 2mm screws at the top right of the battery.

Step 6



- Peel the three shiny black stickers from the battery (top left, bottom right, and bottom left), but keep them attached to the motherboard.

Step 7



(i) Battery is adhered to the tablet.

⚠ Avoid putting pressure on the glass while separating the battery from the screen.

- Use the spudger to separate the battery from glue that holds the battery to the screen. Carefully pry the battery from the tablet.

Step 8



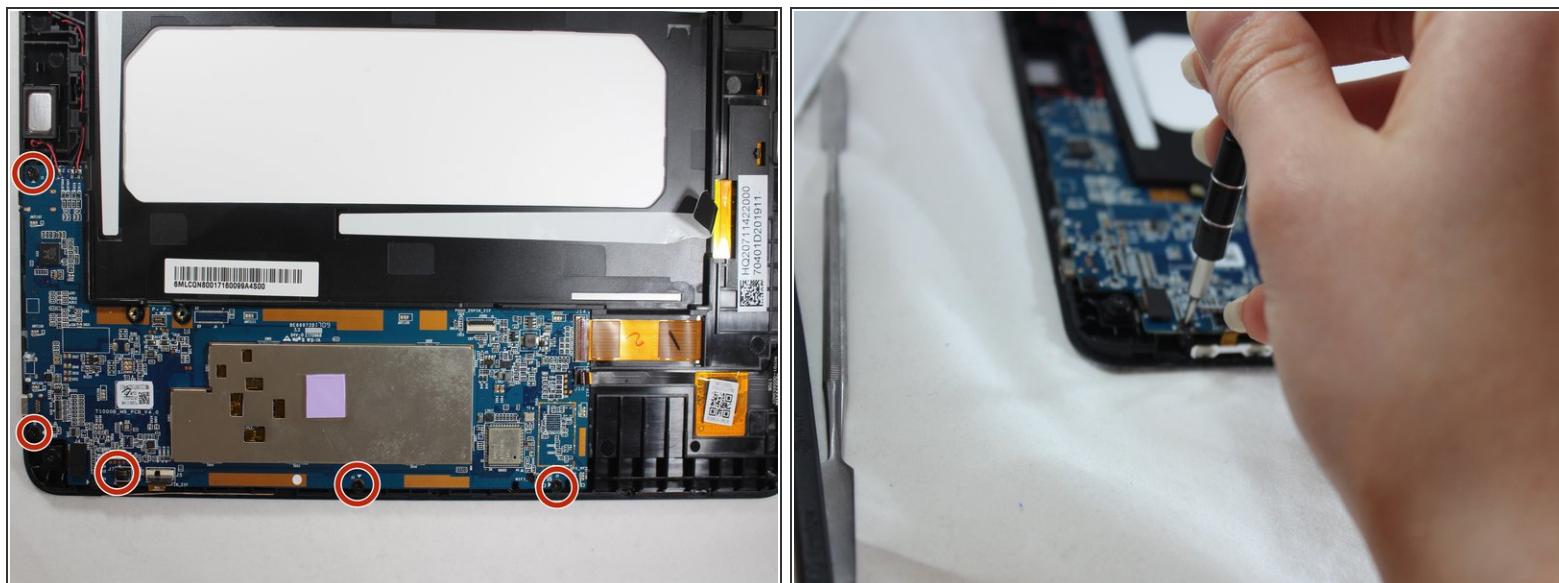
- Remove the battery from the device.

Step 9 — Motherboard



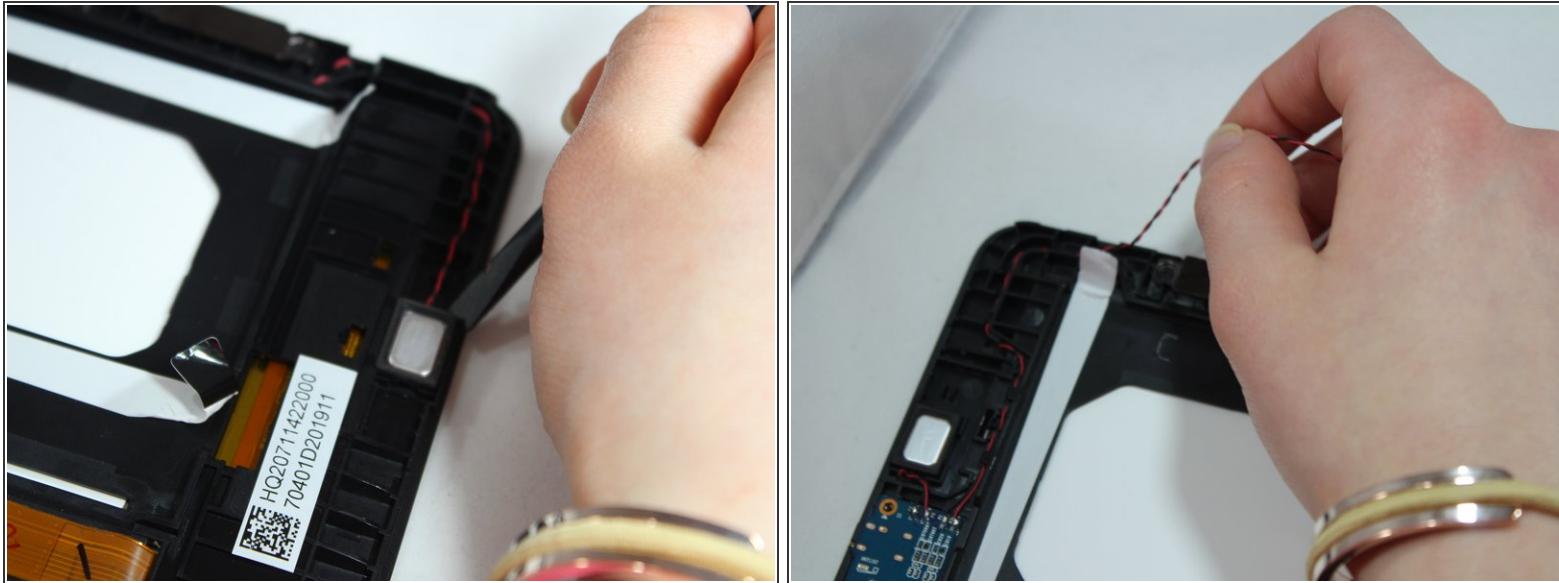
- Using a spudger, disconnect the two ribbon cables on the top right and the three on the bottom left of the motherboard.

Step 10



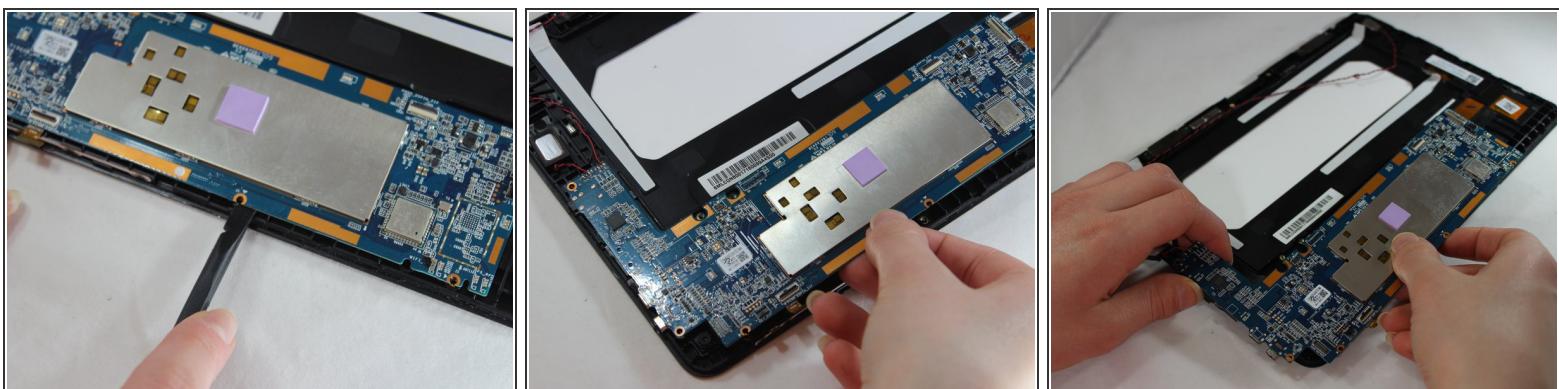
- Use a Phillips #00 screwdriver to remove the five 2mm screws from the motherboard. There are two on the left edge and three on the bottom edge of the motherboard.

Step 11



- Using the spudger, pry the speaker from the right side of the tablet.
- Lift the red and black wires attached to speaker on right side out of the track to where it connects to motherboard and the speaker on the left side.
- Using the spudger, pry the speaker from the left side of the tablet.

Step 12



- Use a spudger to create a gap between motherboard and back covering.
- Using the spudger, gently pry the motherboard away from the back covering.
- Gently lift and remove the motherboard and speakers from tablet.

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