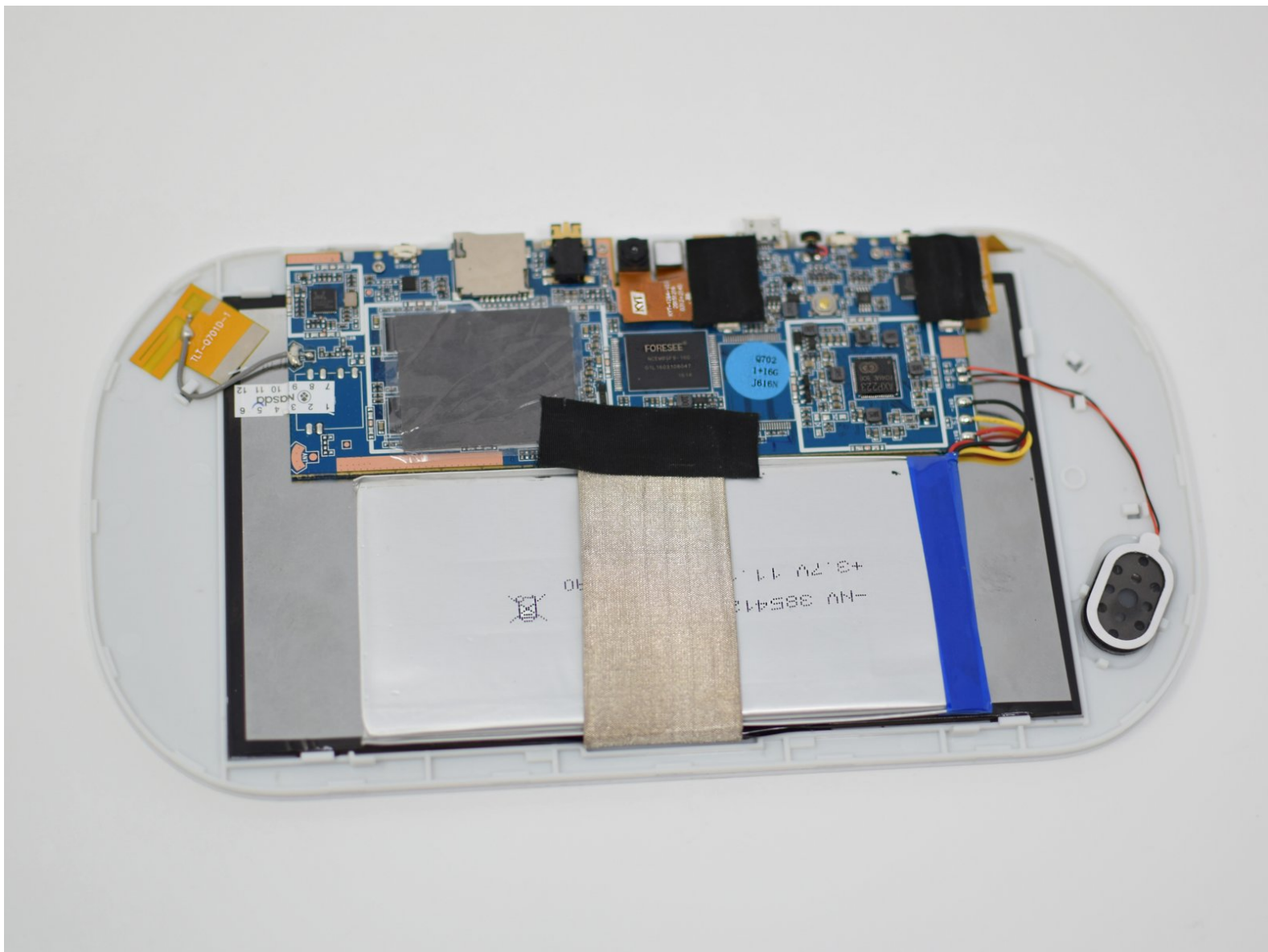




Ematic FunTab 3 Motherboard Replacement

If your device is not working, and you have explored all options, replacing the motherboard will fix the device.

Written By: Amanda Davis



INTRODUCTION

If your device is not charging, turning on, and the volume is not working, and you have recently repaired the screen, speaker, and battery, then your motherboard will need to be replaced. This guide will show you the steps to removing the motherboard from your device.



TOOLS:

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

Step 1 — Back Panel



- ⚠ Turn off the device before starting
- ⚠ To prevent damage, open the device on the side without the buttons.

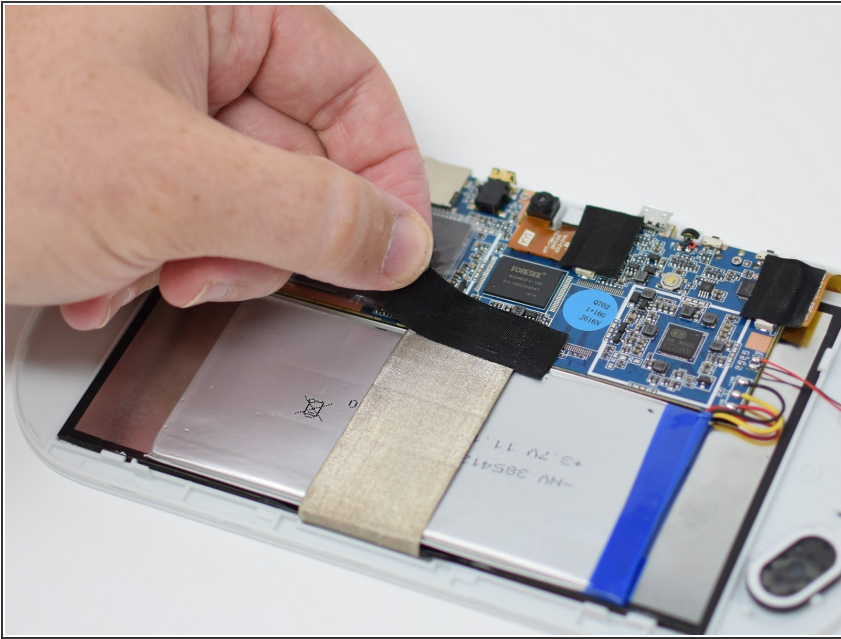
- Insert the hooked end of the plastic opening tool in the gap between the screen and the back panel on the edge of the device.
- Slide the plastic opening tool down the long side of the device.
- Insert tool again and slide it down the long side of the case a second time.

Step 2



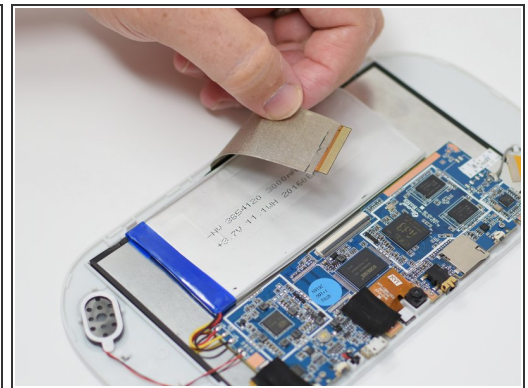
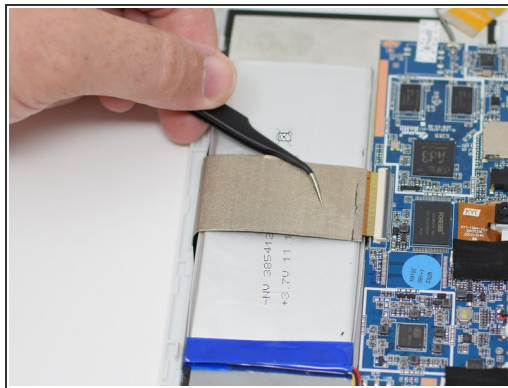
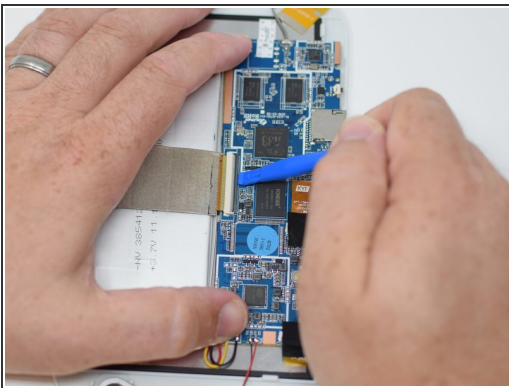
- Pull the back panel away from the screen.

Step 3 — Battery



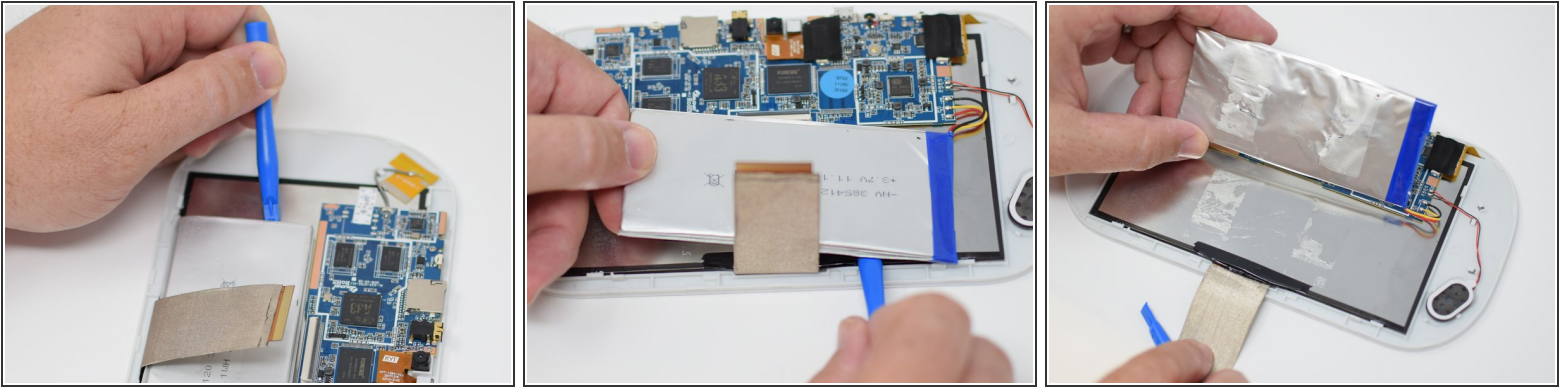
- Remove the black tape to reveal the wire ribbon connector.

Step 4



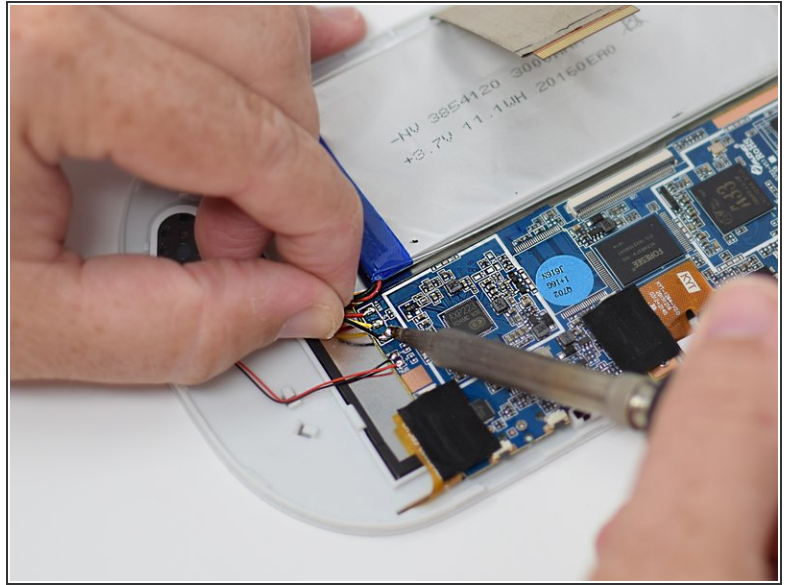
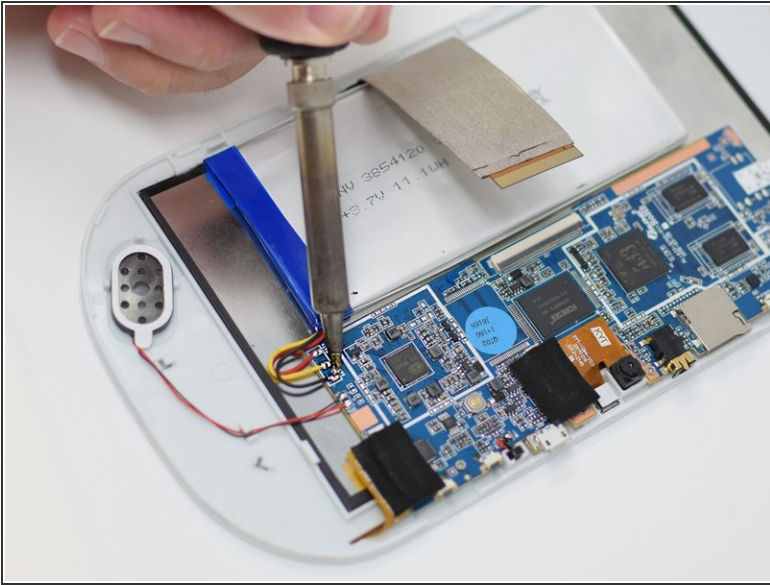
- Flip up the black retaining tab using the plastic opening tool.
- Pull out the large wire ribbon that crosses over the battery.
- ⓘ You may need tweezers to pull out the wire ribbon.

Step 5



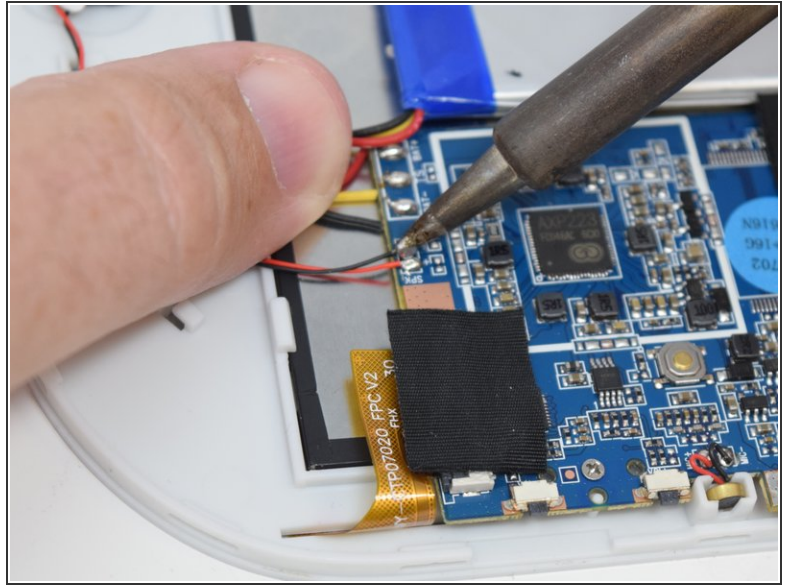
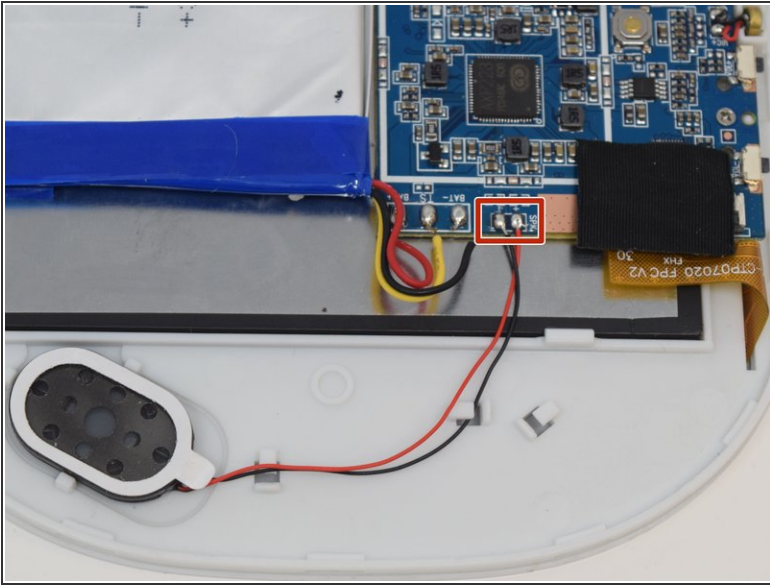
- Insert the plastic opening tool under the battery.
 - Using the plastic opening tool, pry up the battery.
- i** There is tape on the back of the battery. Some more force may be required to separate the battery from the back of the display.

Step 6



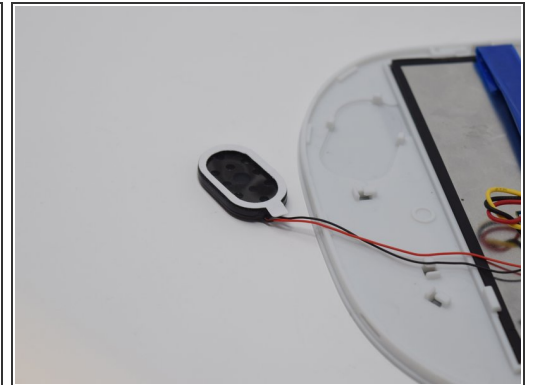
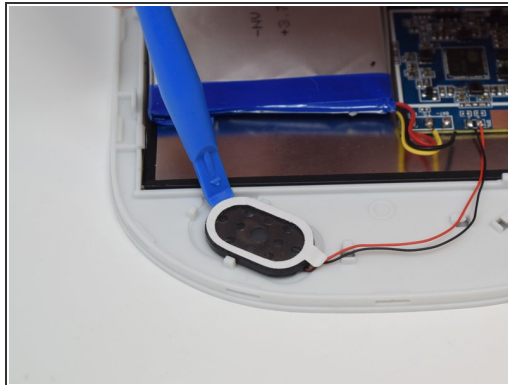
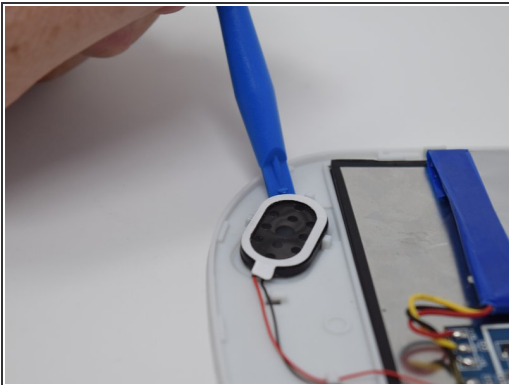
- Remove the wires from the motherboard using a soldering iron tool. Here is a link on [How To Solder and Desolder Connections](#).
 - After the connections are desoldered, remove the battery.
- ✦ Close the black ribbon retaining tabs once ribbons are inserted during reassembly.

Step 7 — Speaker



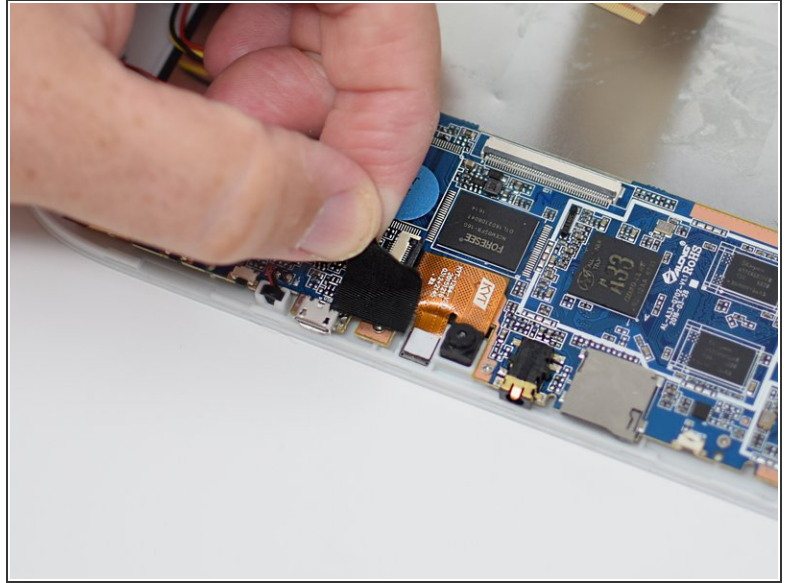
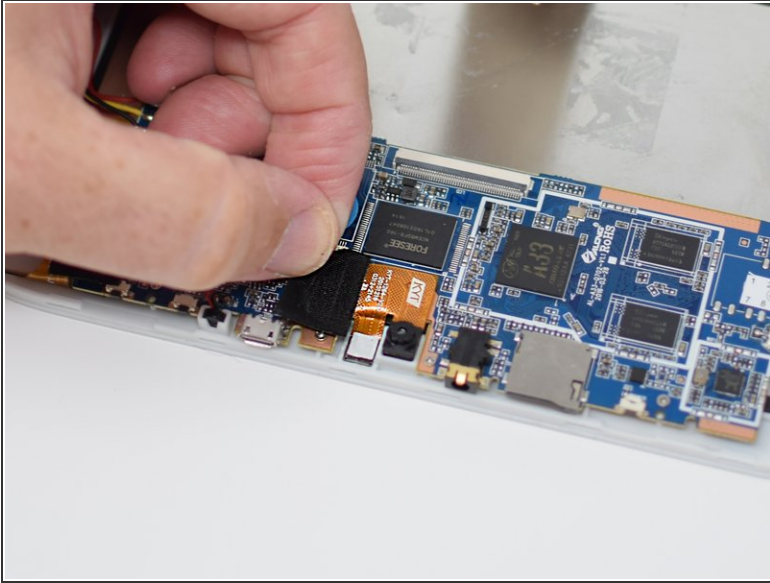
- Remove the wires from the motherboard using a soldering iron tool. Here is a link on [How To Solder and Desolder Connections](#).

Step 8



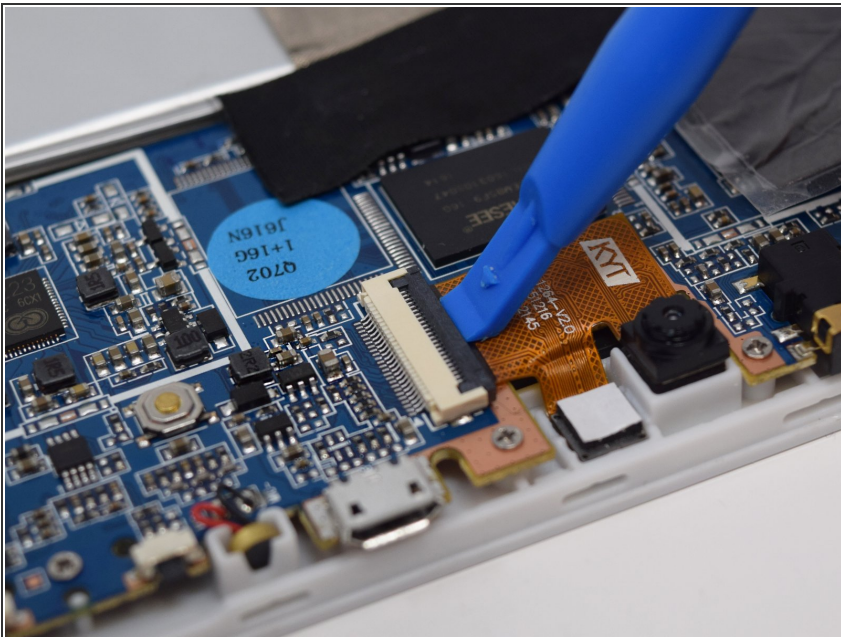
- After the connections are desoldered, remove the speaker by prying it up using a plastic opening tool.
- ⓘ There is glue on the back of the speaker. Some more force may be required.

Step 9 — Camera



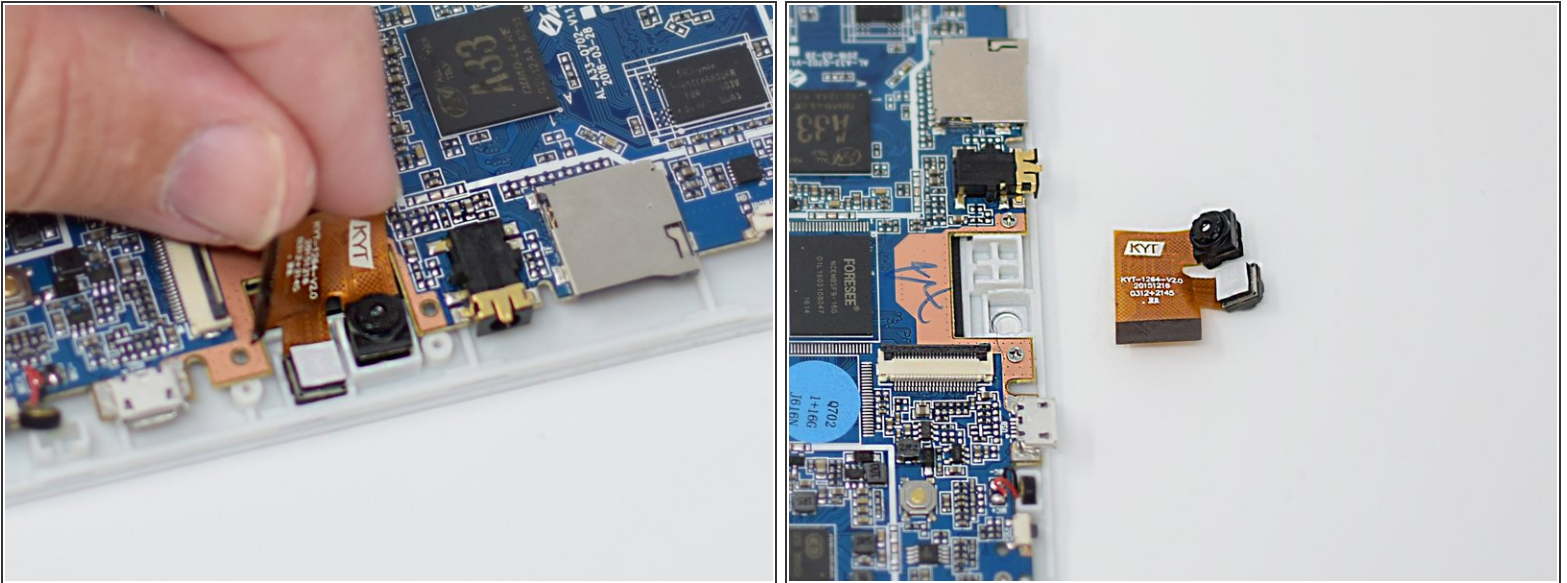
- Remove the black tape to reveal the wire ribbon connector.

Step 10



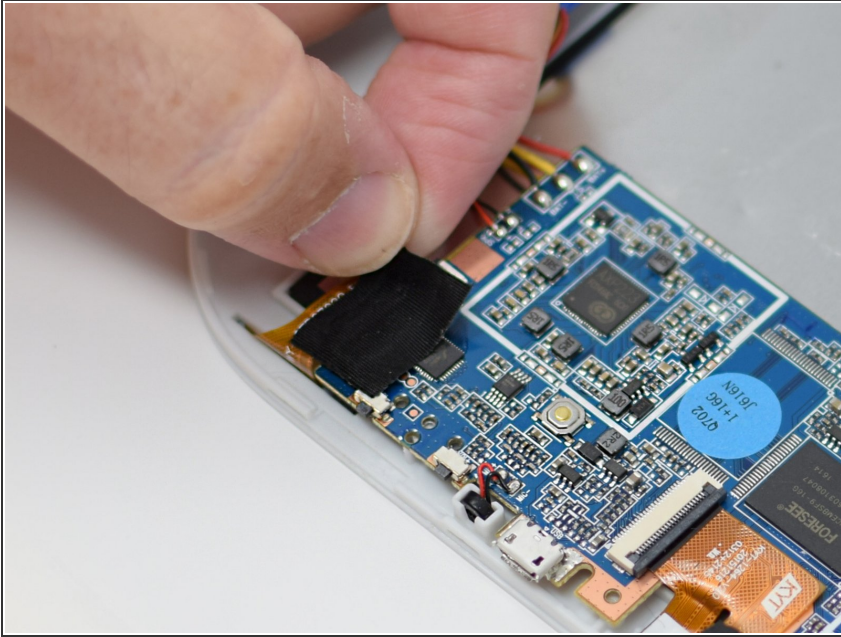
- Use the plastic opening tool to flip up the black retaining tab.

Step 11



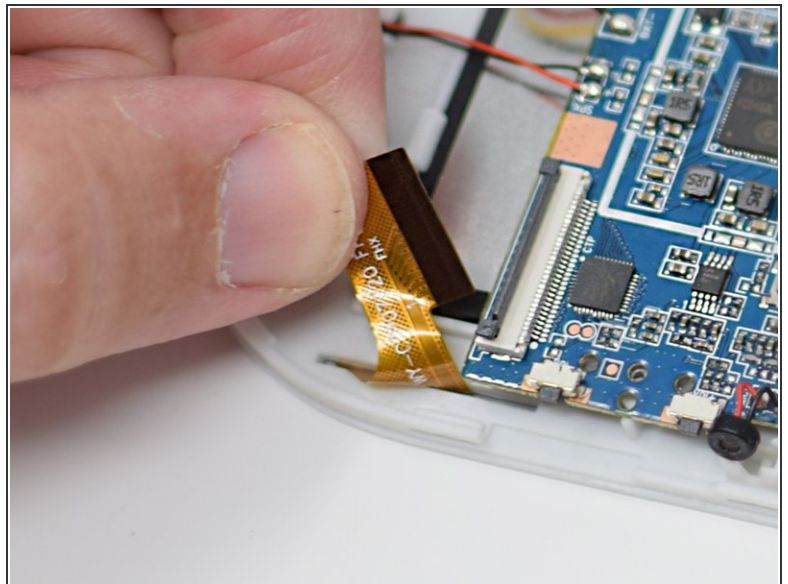
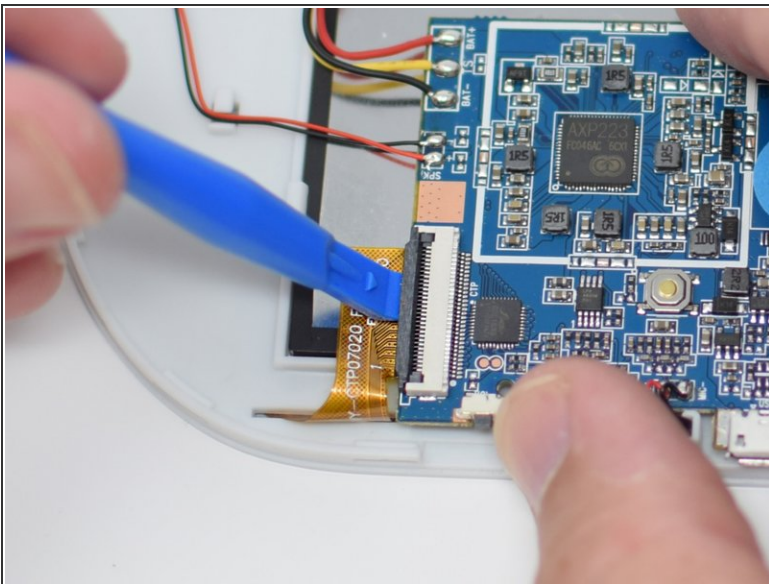
- Pull out the wire ribbon connected to the camera.
- ⓘ The camera is held in place by glue, so extra force may be required.
- Remove the camera from the device.
- ☑ Close the black ribbon retaining tabs once ribbons are inserted during reassembly.

Step 12 — Motherboard



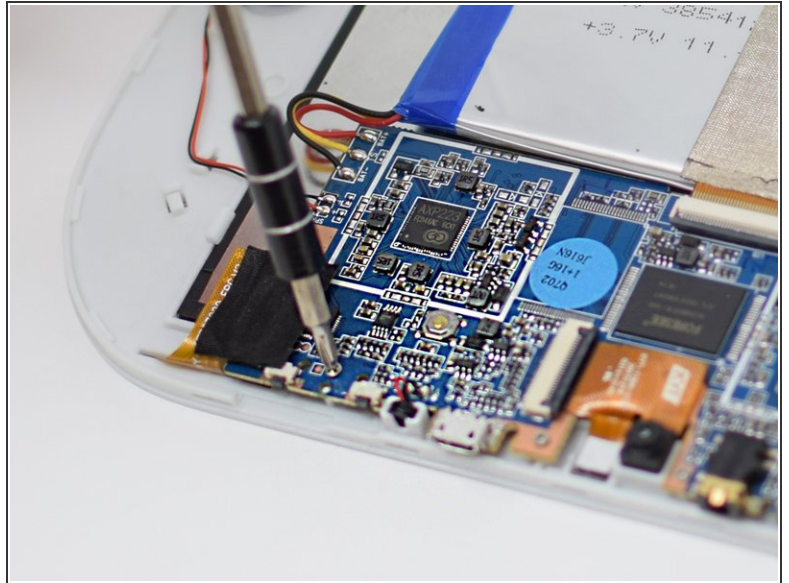
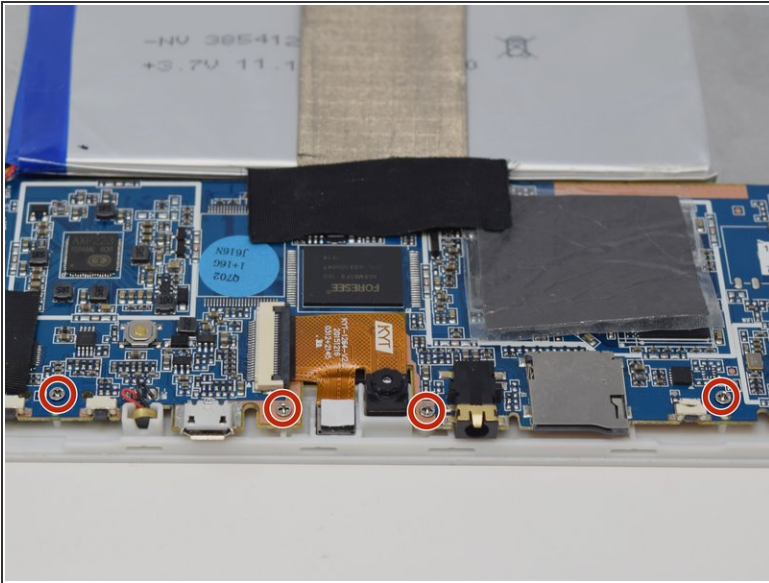
- Remove the black tape to reveal the screen connector.

Step 13



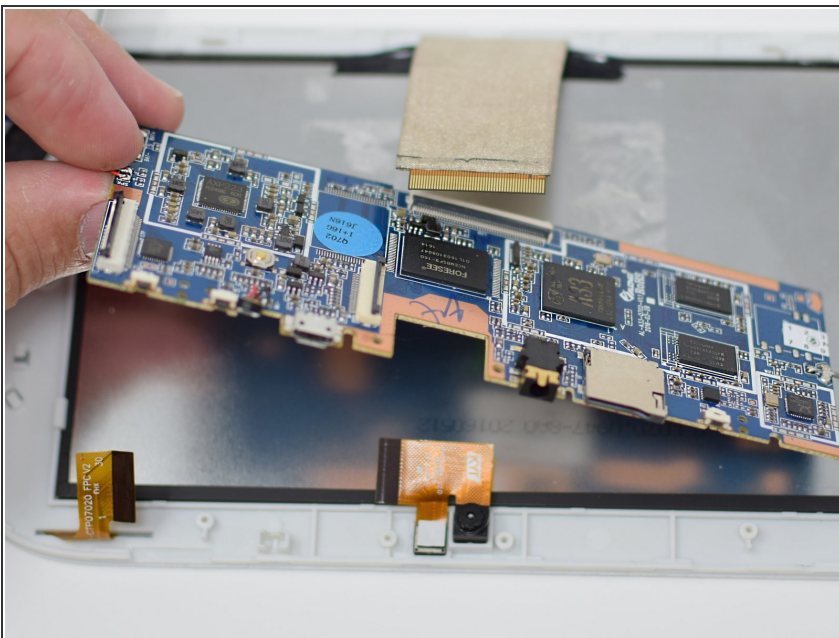
- Flip up the retaining tab using the plastic opening tool.
- Pull out the screen wire ribbon to disconnect the screen and motherboard.

Step 14



- Using a PH 00 screwdriver, remove the four 4.5 mm screws that are holding the motherboard in place.

Step 15



- It is now safe to remove and replace the old motherboard with your new motherboard.
- ☑ Close the black ribbon retaining tabs once ribbons are inserted during reassembly.

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

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