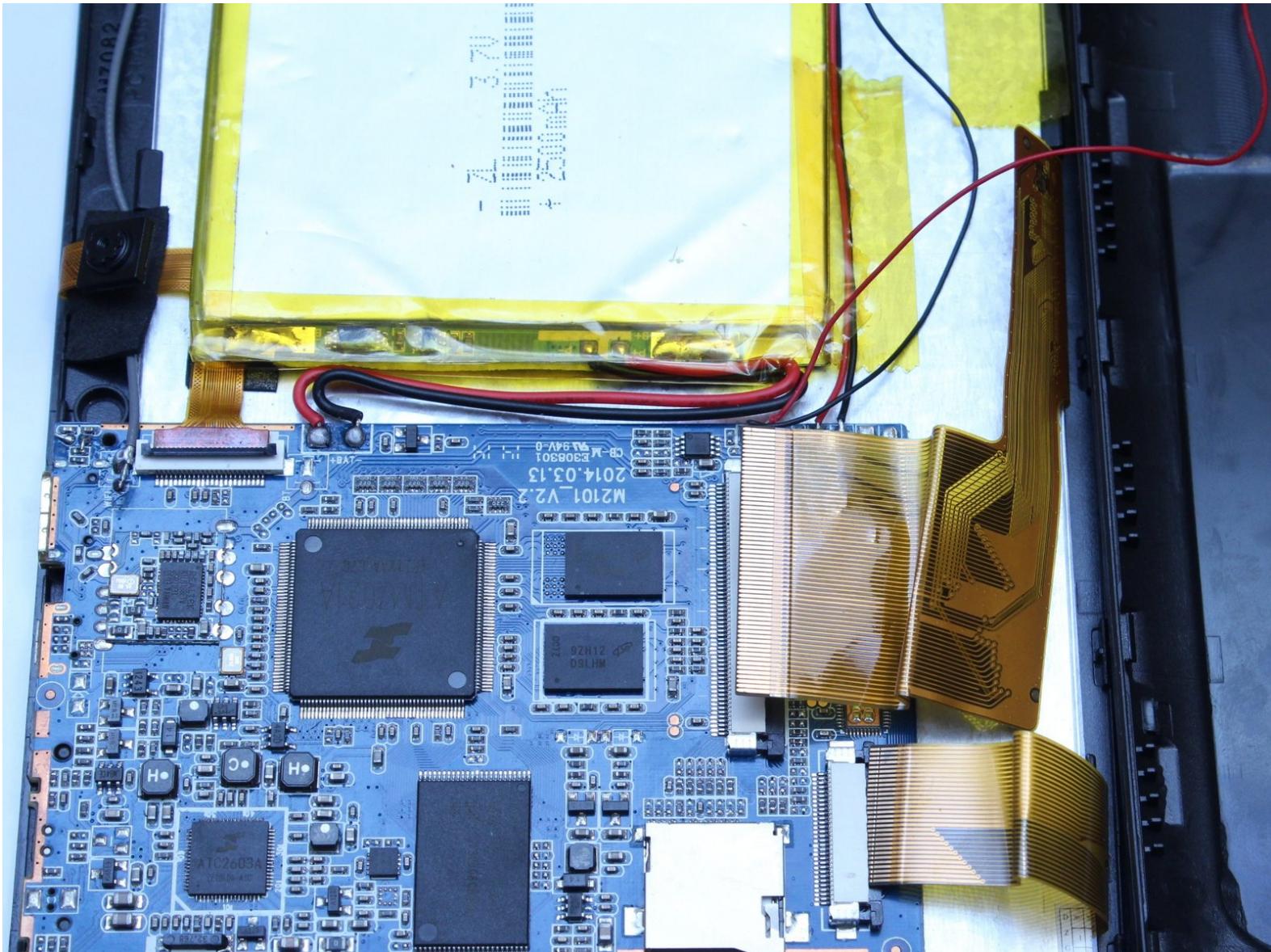




ProntoTec Axius Motherboard Replacement

This guide will demonstrate how to replace the motherboard on the ProntoTec Axius

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INTRODUCTION

All electrical components of the ProntoTec Axius tablet are connected to the motherboard. Water damage, dropping, and any other physical damage can cause the motherboard to short or malfunction; rendering the device unusable. This guide will highlight how to disconnect the motherboard from the other components of the device for replacement.

TOOLS:

- [Phillips #00 Screwdriver](#) (1)
- [iFixit Opening Tools](#) (1)
- [Solder](#) (1)
- [Soldering Iron](#) (1)

Step 1 — Motherboard



! Make sure the device is completely turned off before you begin taking it apart to avoid electrocution risks.

- Place the tablet face-up on a flat table.

Step 2



- Starting near the headphone port, fit the flat end of the spudger in between the screen and back case.
- Pry the back case from the screen around each point on the device to release the clips securing the case halves to each other.

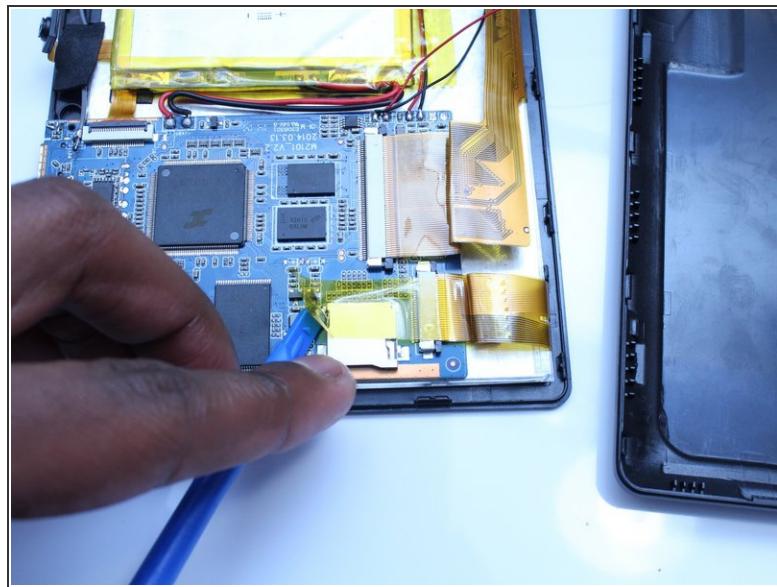
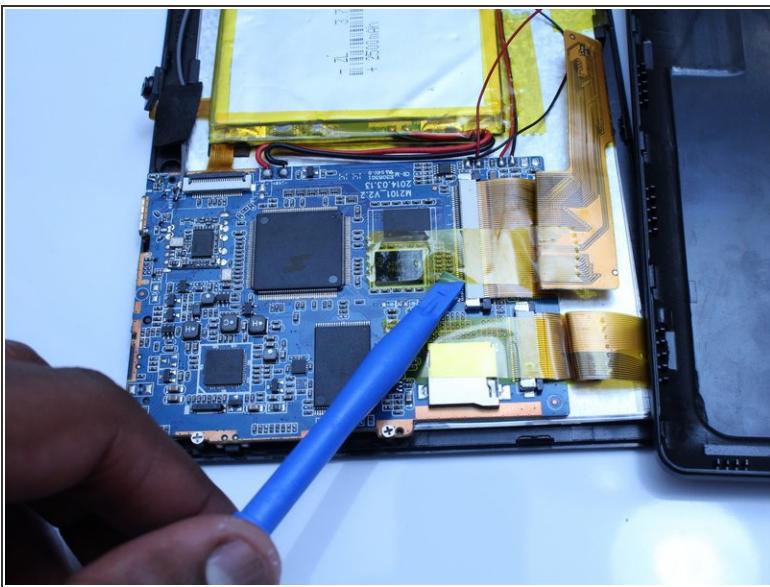
Step 3



- Gently remove the back case of the device and lay it in a flat surface as shown in the photo.

 Make sure not to sever the wires (red and black) connected to the speaker that is located in the back case.

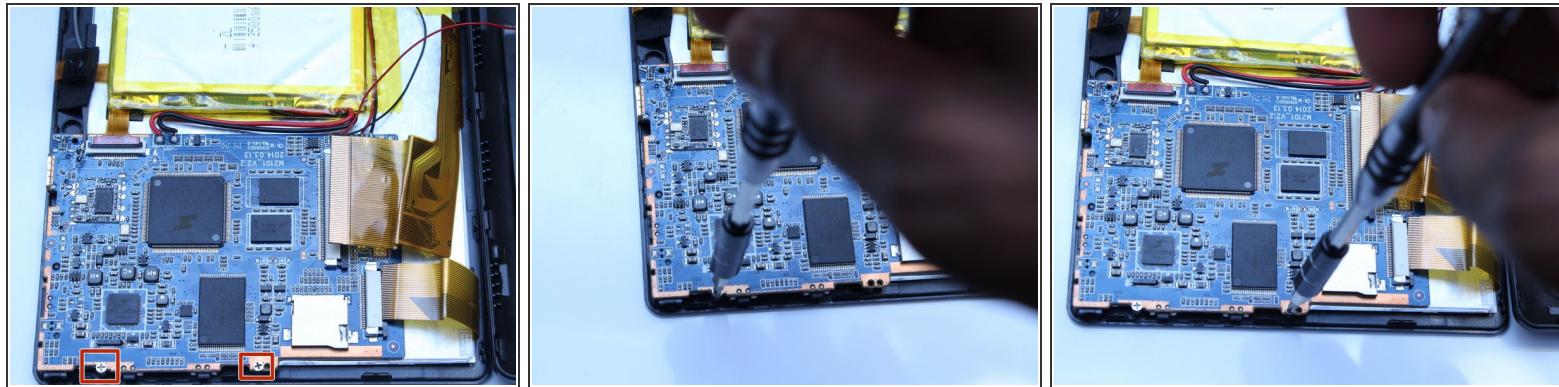
Step 4



- Remove only the yellow tape that touches the motherboard

 Be careful not to cut or damage the wires (red and black) that connect the battery to the motherboard.

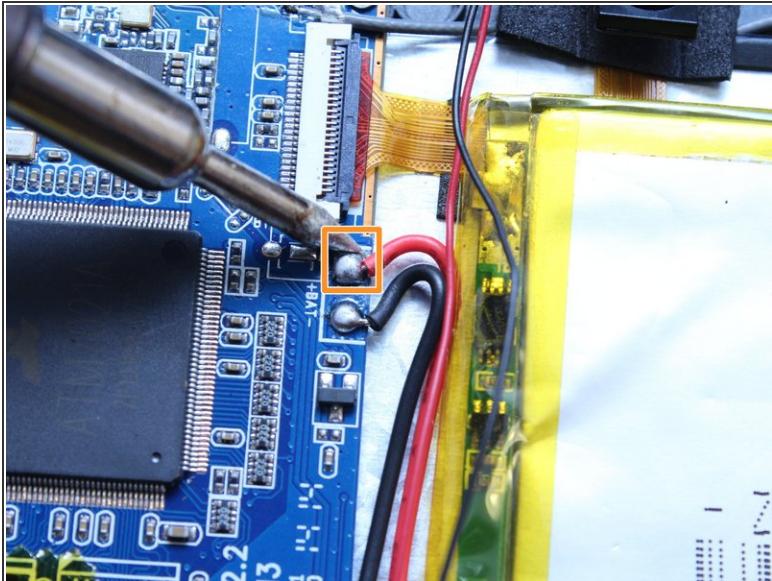
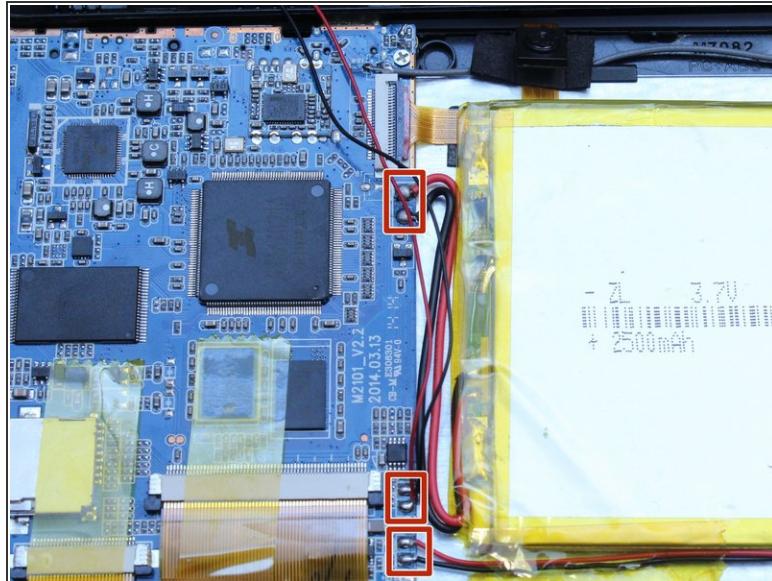
Step 5



- Use a Phillips screwdriver (PH00) to unscrew the two screws that connects the motherboard to the device

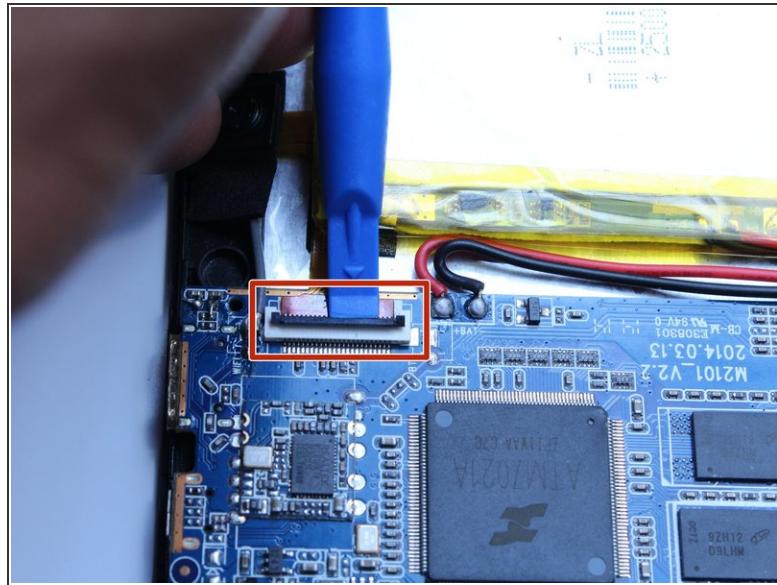
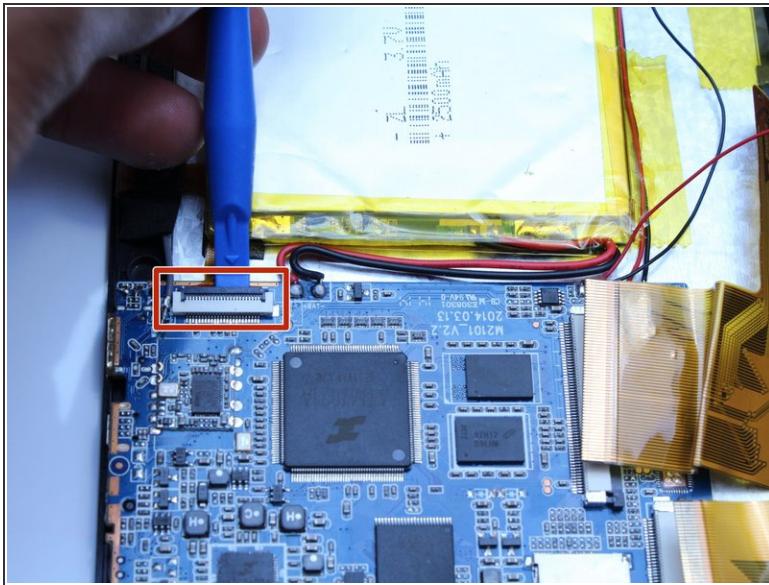
⚠ Be careful not to cut or damage the wires (red and black) that connect the motherboard to the battery.

Step 6



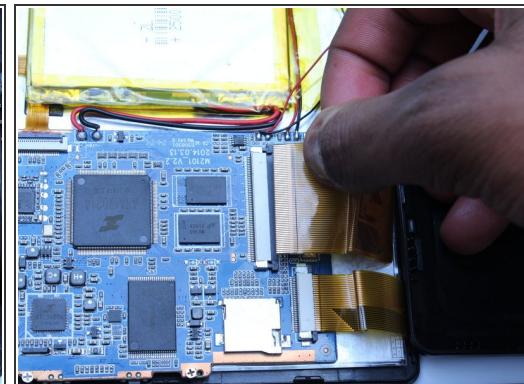
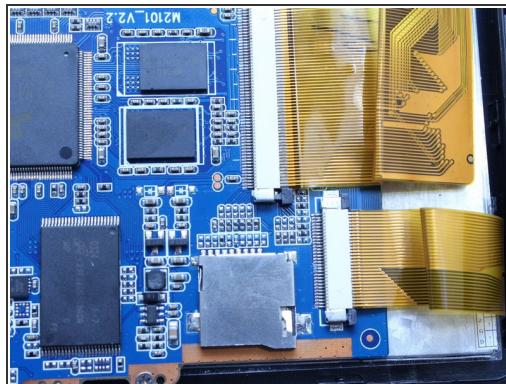
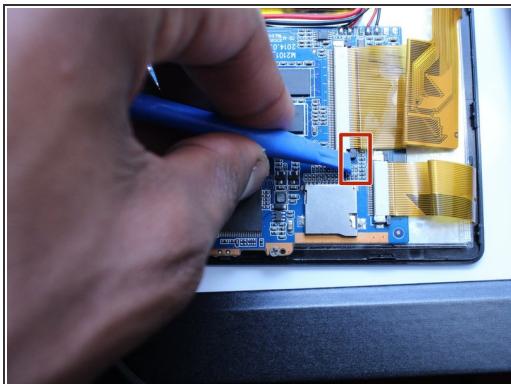
- Using a soldering iron, desolder the contact points of the speaker, battery and screen on the motherboard
 - ⓘ If soldering is new to you, check out [this helpful guide](#) on soldering and desoldering connections.
- Use pliers to pull the wire from the board

Step 7



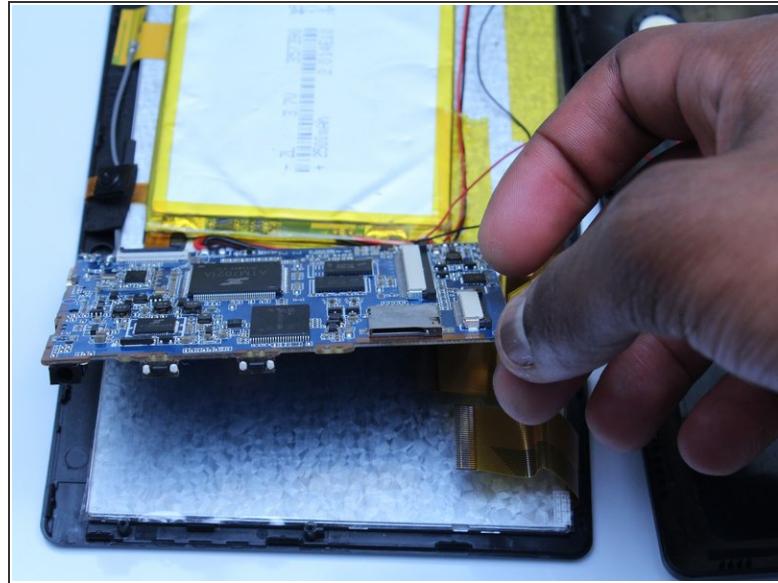
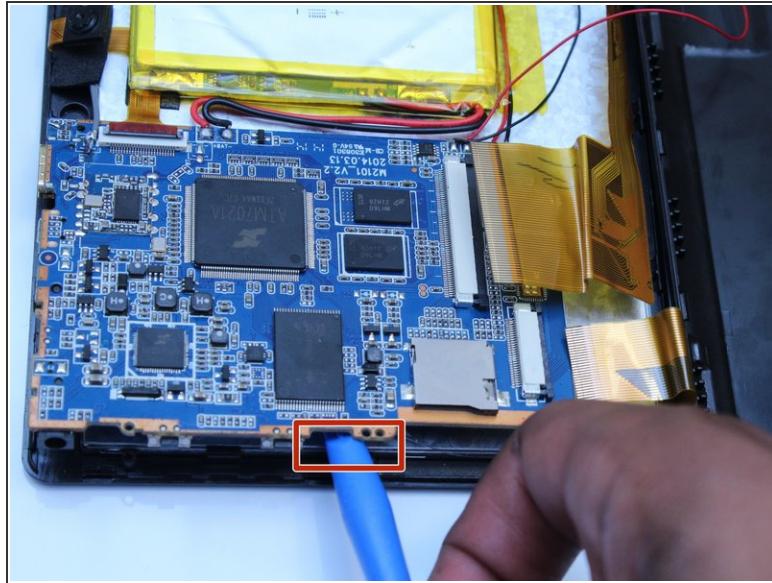
- Using the spudger, disconnect the ribbon cable connecting the camera to the motherboard

Step 8



- Using the spudger, push the black tabs towards the ribbon cable to unlock the ribbon cables that connect the screen to the motherboard.
- Gently pull and remove the ribbon cables from the motherboard

Step 9



- Using the flat side of the spudger, lift up the mother board to disconnect from the screen.

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