Polaroid PMID701i 10 USB Charging Port Replacement

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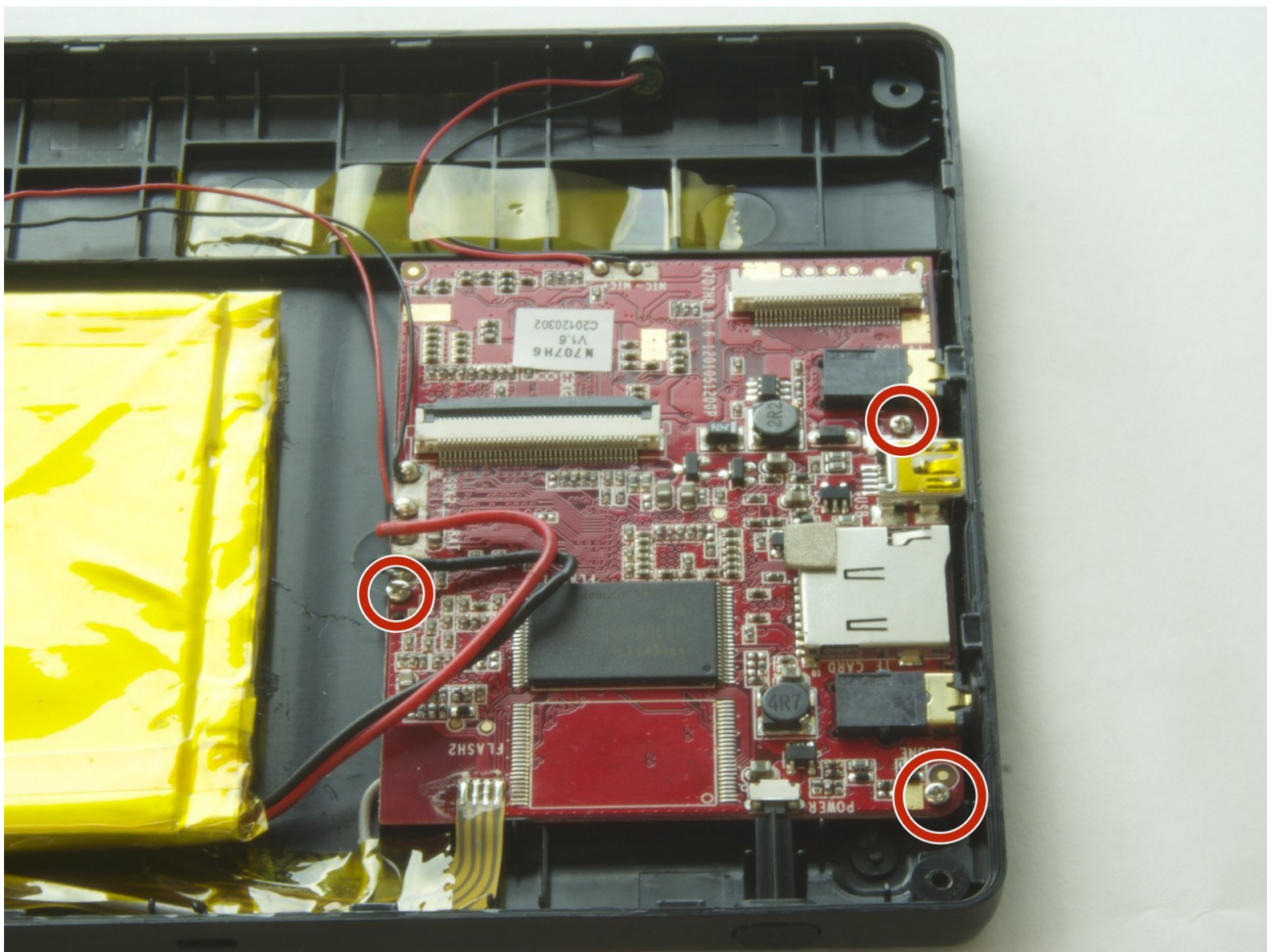
INTRODUCTION

If the device fails to charge or connect to a computer, consider using this guide to replace the USB charging port.

🔧 TOOLS:

- Phillips #000 Screwdriver (1)
- iFixit Opening Tools (1)
- Soldering Iron (1)
- Tweezers (1)

Step 1 — Panel

⚠️ Turn off and unplug the device before starting replacement.

- Flip the device so that the screen faces down, with the back facing up.

ⓘ The back panel attaches to the device with four 4.0mm long screws, one at each corner, indicated by the red circles in the picture.

- Unscrew the four screws with a PH000 screwdriver.

Step 2

- Flip the device over so that the screen faces up, and the back faces down.

- Separate the front panel using the Opening Tool on a corner to create an opening.

- (i) Removing the frame for the first time may take a significant amount of force.

- Run the tool along the seams of the device to open up all the sides.

Step 3
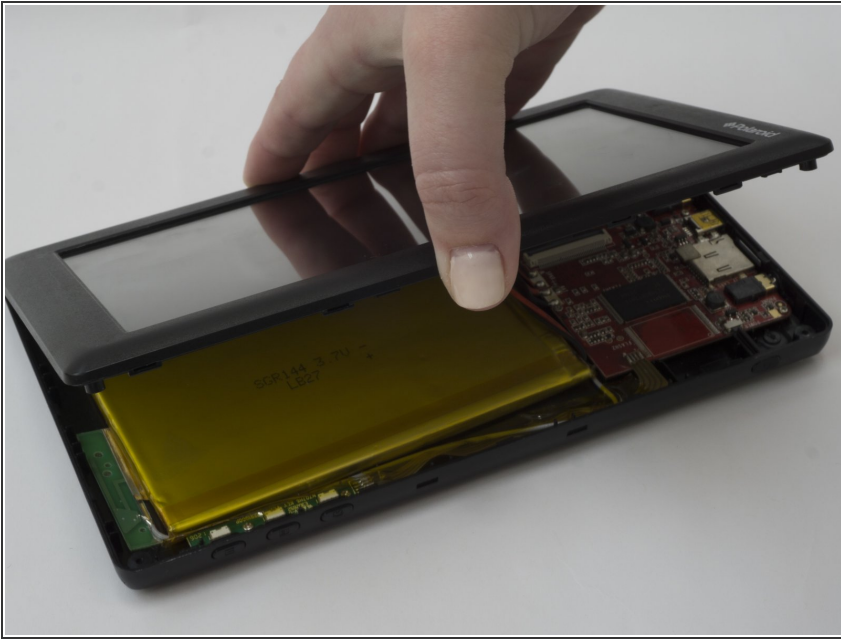
⚠ Removing the panel too quickly may damage the cable that attaches parts between the two panels.
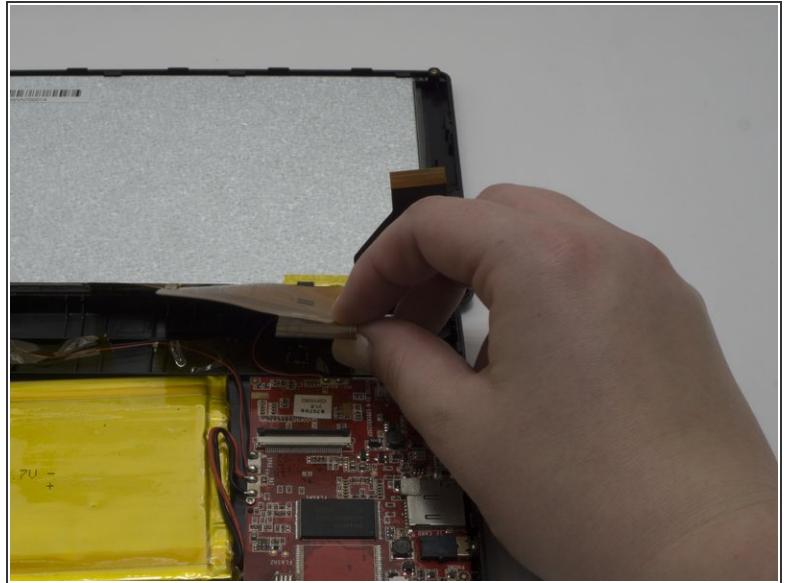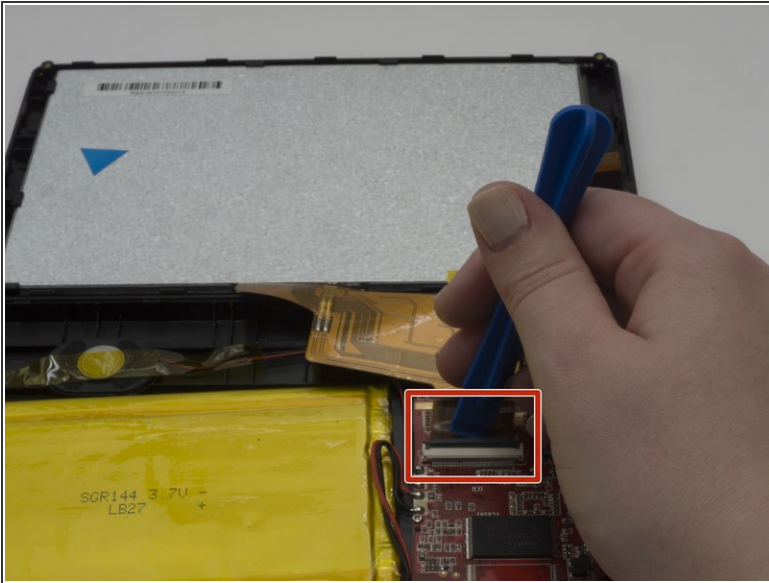
● Gently lift the top panel from the bottom panel.

Step 4
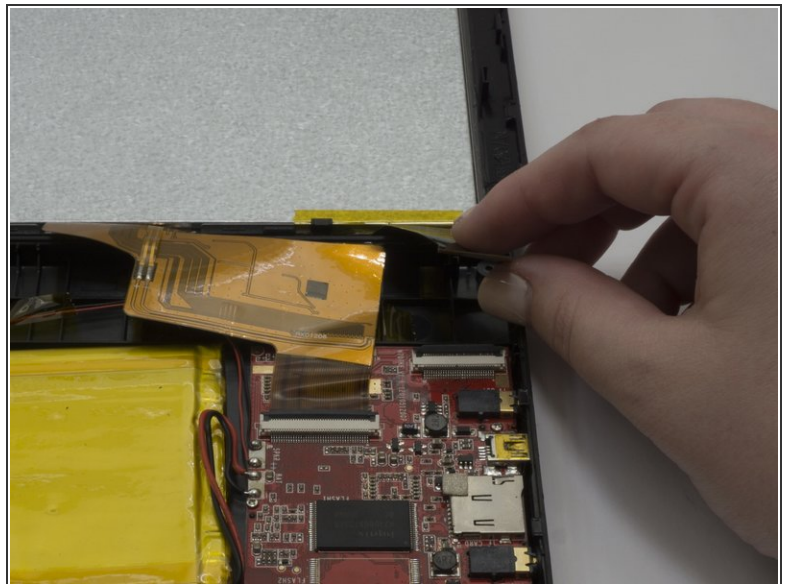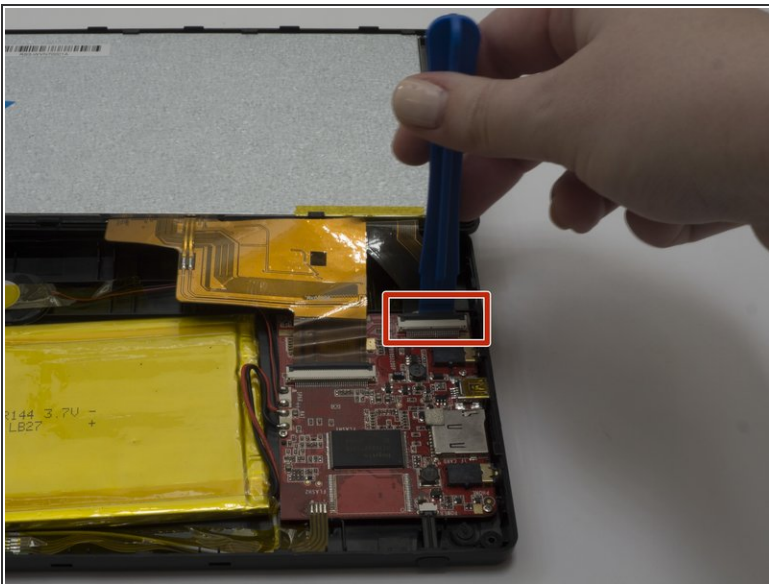
ⓘ The flexible flat cables (FFC) attach to parts in the bottom panel with zero insertion force (ZIF) connectors.

● Use the Opening tool to flip up the black retaining flap on the smaller connector.

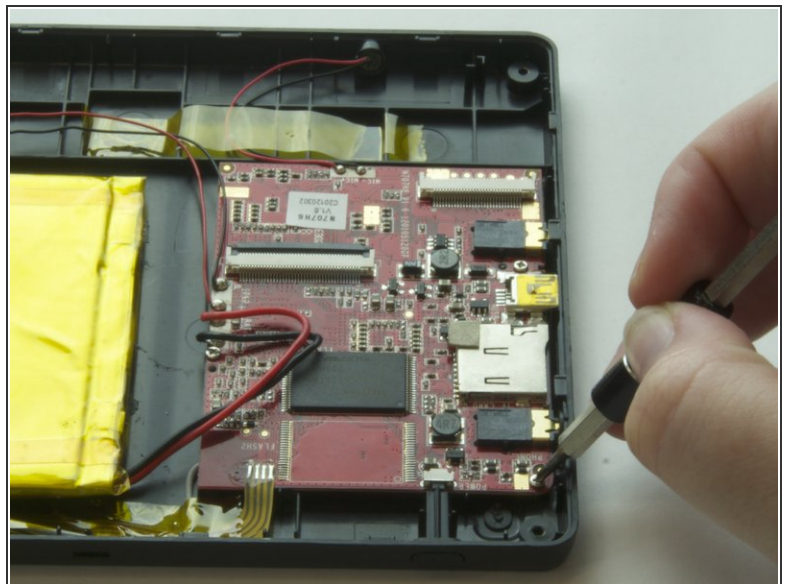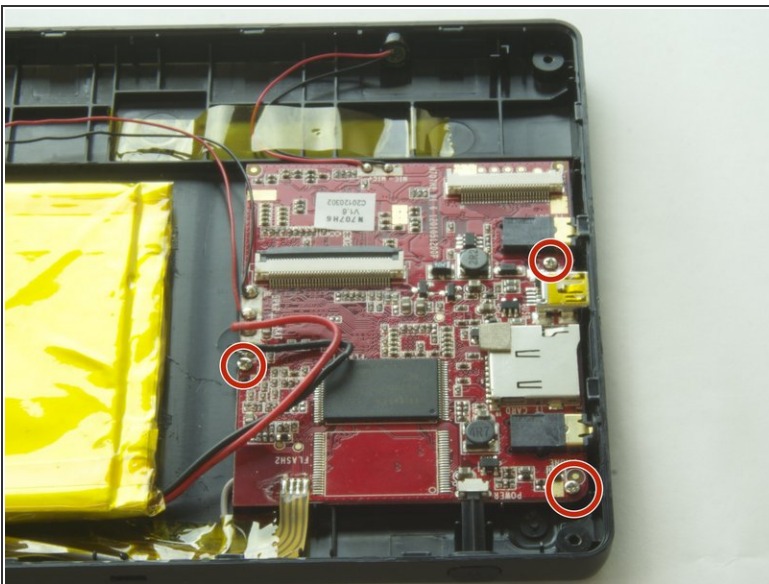● Gently lift the cable, parallel to the panel, to detach it.

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Step 5

- Use the Opening tool to flip up the black retaining flap on the larger connector.

- Gently lift the cable, parallel to the panel, to detach it.

Step 6 — USB Charging Port

- ⓘ The motherboard attaches to the back panel with three 3.5mm long screws.

- Unscrew the three screws with a PH000 screwdriver.

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Step 7
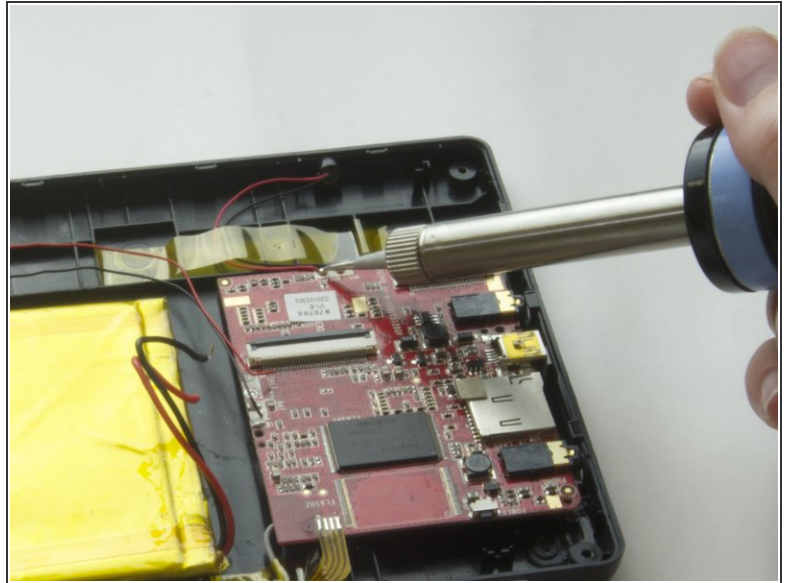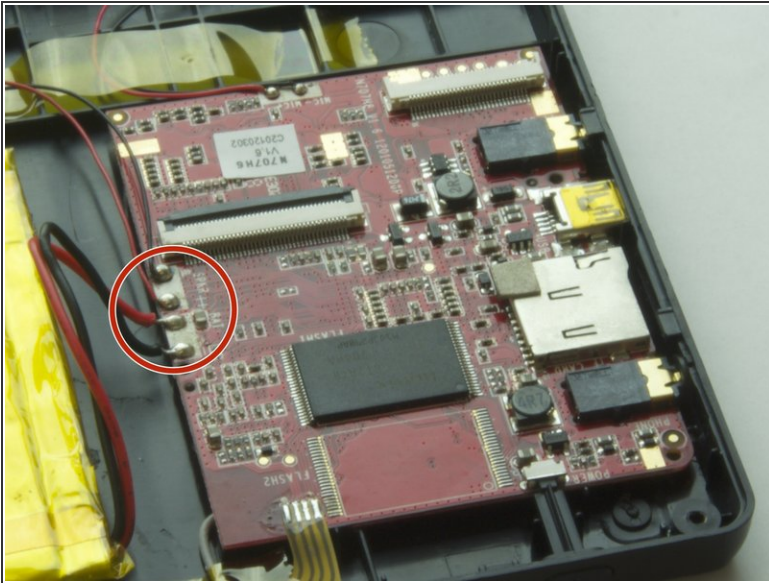
- ⓘ Solder beads attach the wires that connect the motherboard to other parts, such as the battery and the speaker.

- ● Desolder the wires from the motherboard. For detailed information, refer to the Solder and Desolder guide.
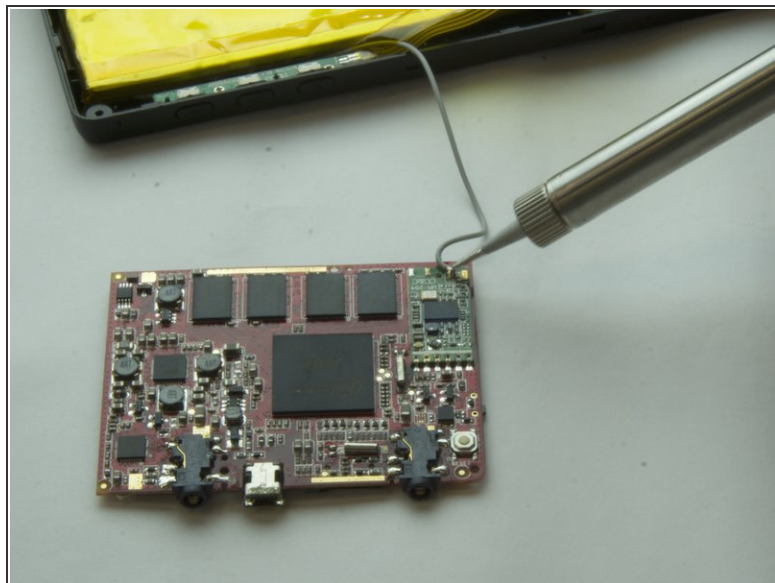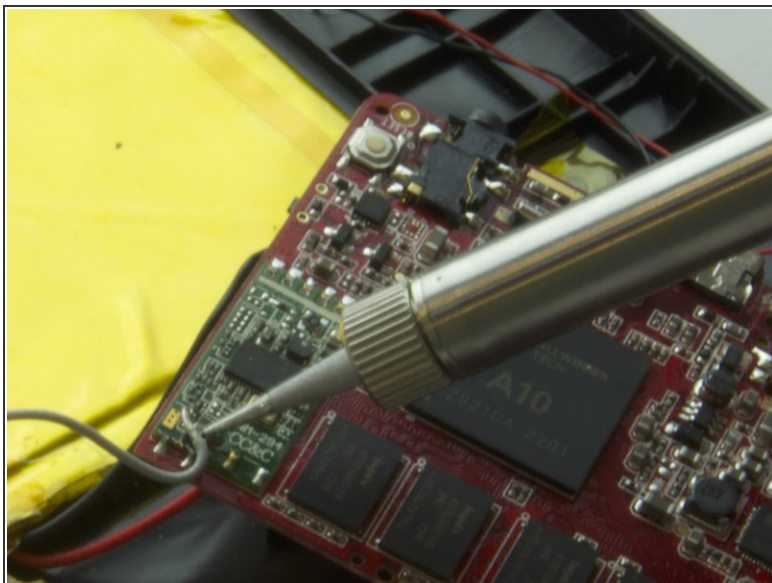
Step 8
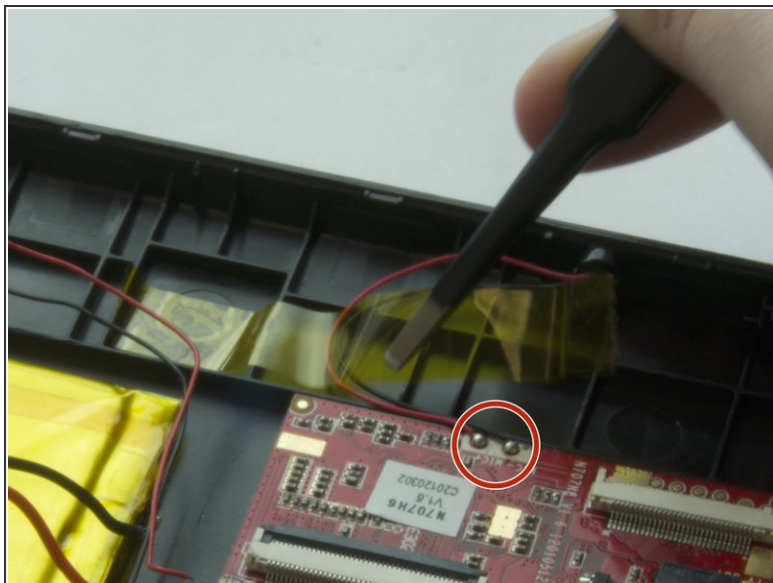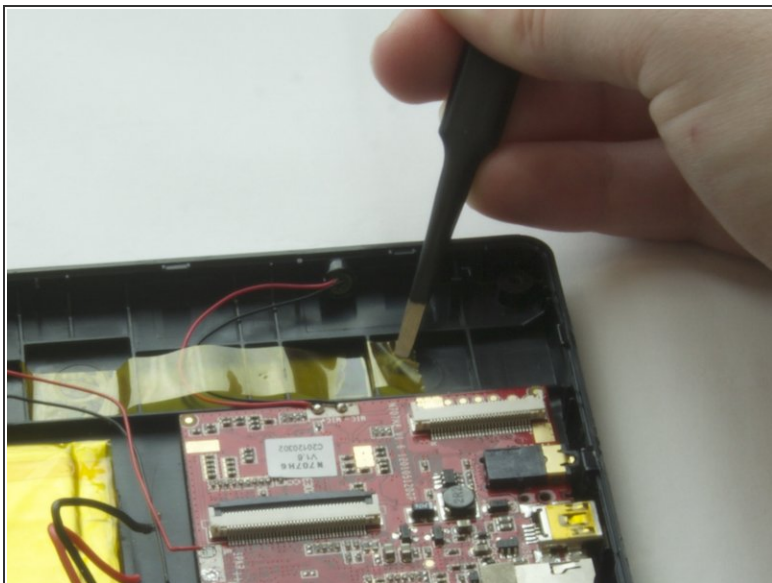
(i) Some of the wires attach to the panel with tape as well.

● Use tweezers to gently lift the tape from the wires and plastic.

● Desolder the wires from the motherboard.

Step 9
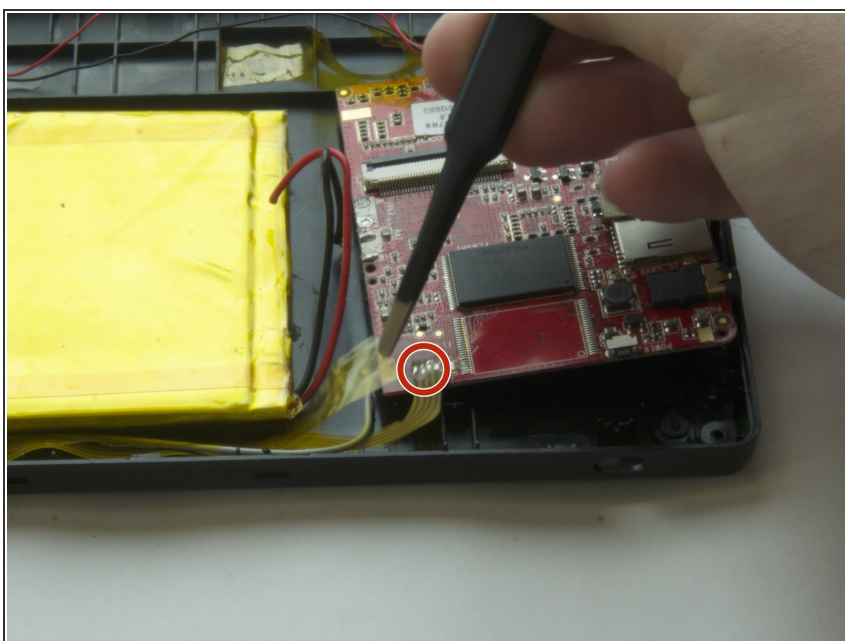
● Use tweezers to gently lift the yellow tape that tapes down the yellow flat cable.

● Desolder the flat cable.

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Step 10

ⓘ There is a grey wire attached to the back side of the motherboard.

● Flip the motherboard over to the side so that the grey wire and its solder bead faces up.

● Desolder the gray wire from the motherboard.

Step 11
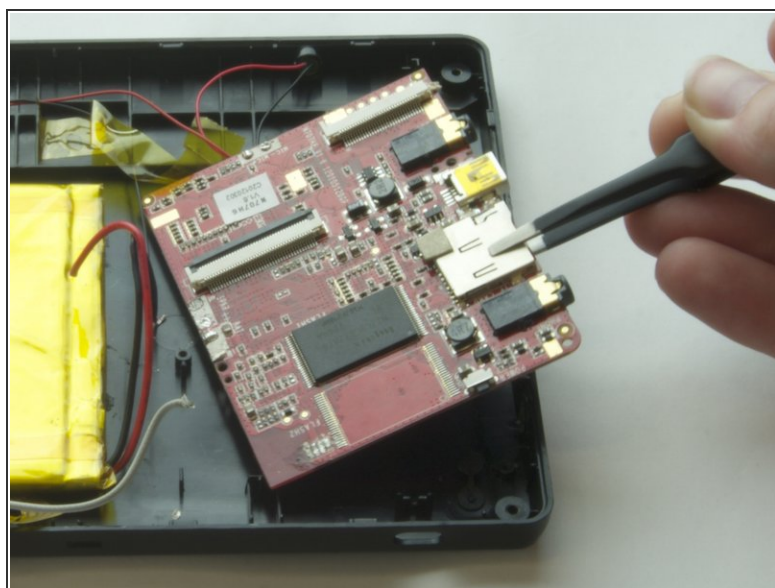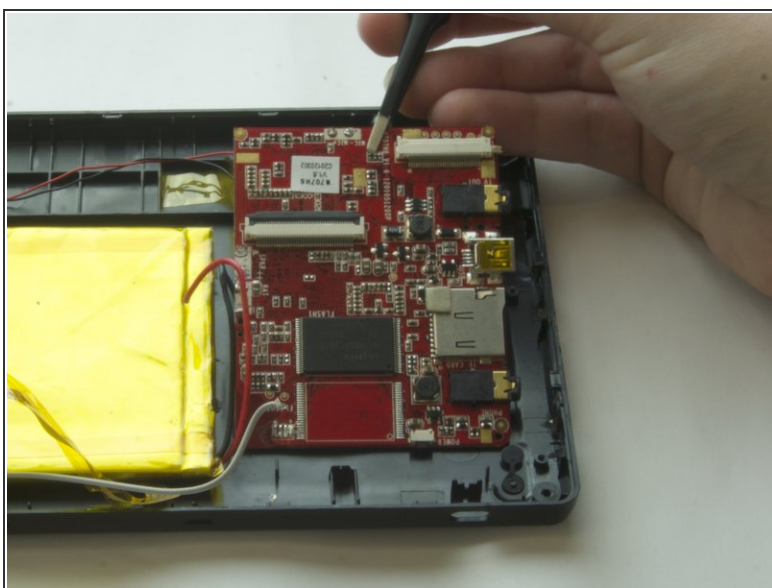
● Use tweezers to lift the motherboard from the panel.

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

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