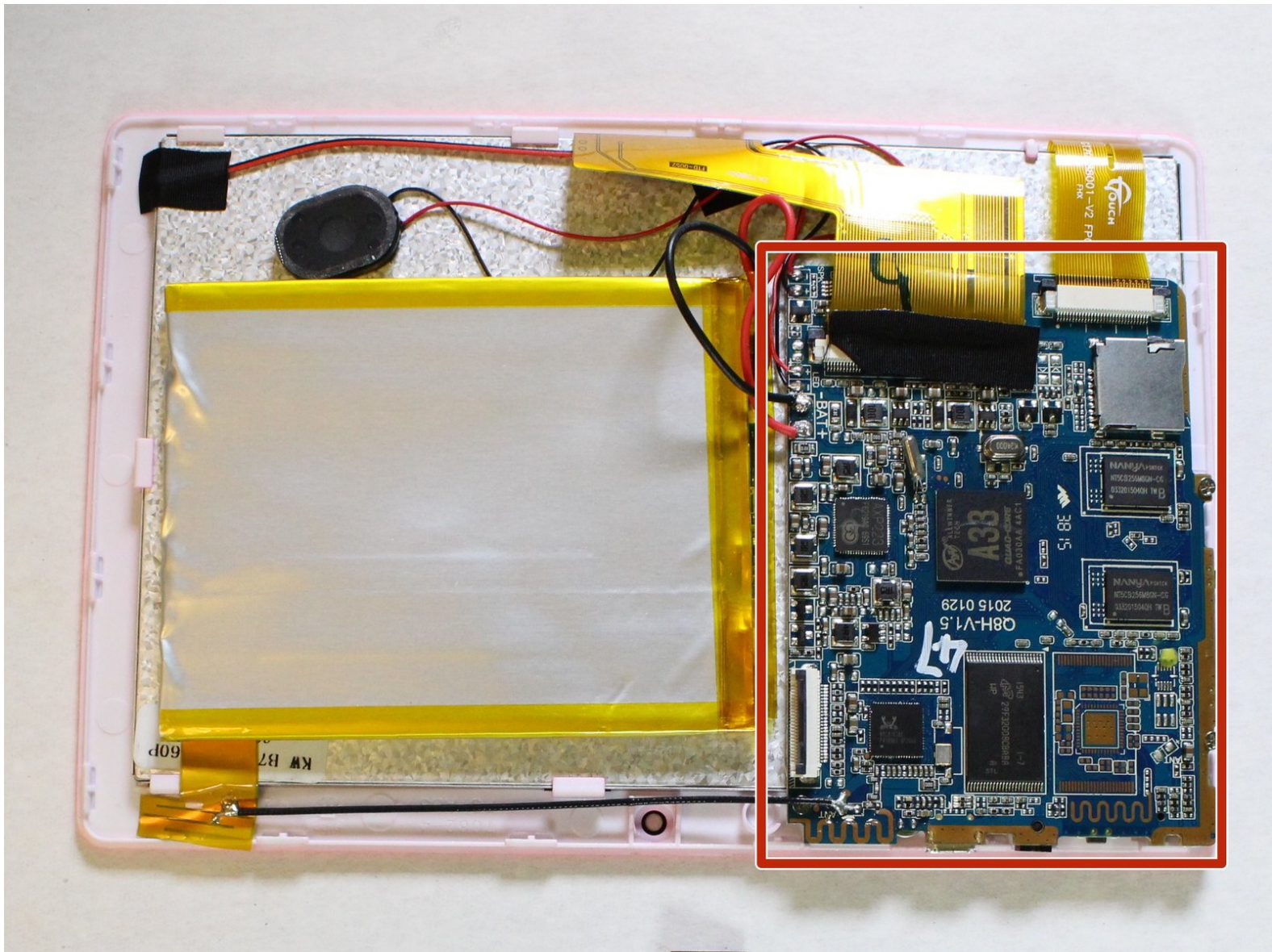# Tagital T7X Motherboard Replacement

Disconnect and replace the motherboard in the Tagital T7X.

Written By: Nikki Falato

INTRODUCTION

This guide shows the user how to remove the case, battery, speaker, and camera from the Tagital T7X and replace the motherboard. Some soldering is required.
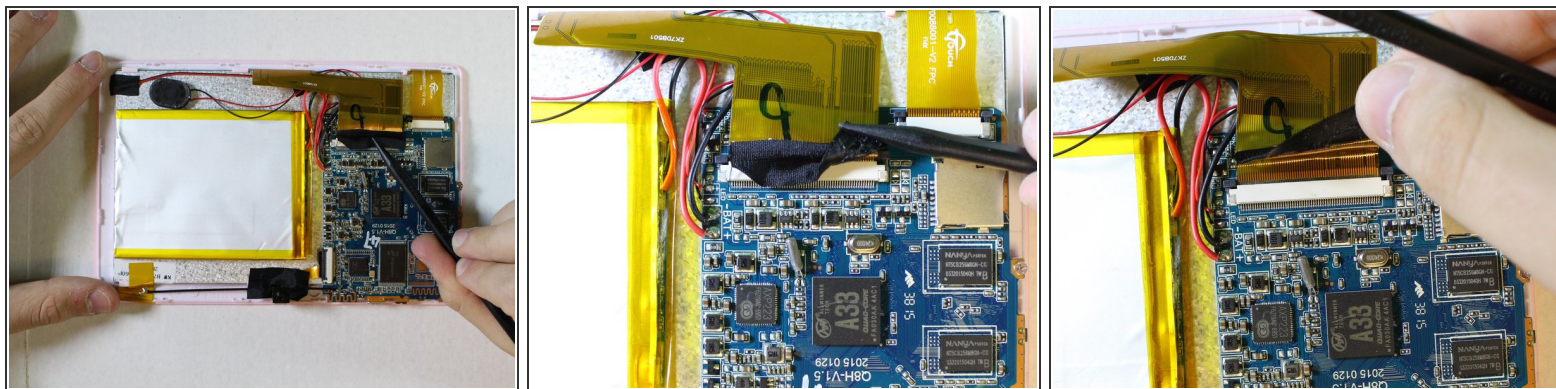
🔧 TOOLS:

- Phillips #0 Screwdriver (1)
- iFixit Opening Tools (1)
- Solder (1)
- Soldering Iron (1)
- Spudger (1)

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Step 1 — Case

- Place the Tagital T7X on a sturdy surface.

- Insert the plastic opening tool into the crack and pry open the tablet. Move the tool along the edge, while continuing to pry up the casing.
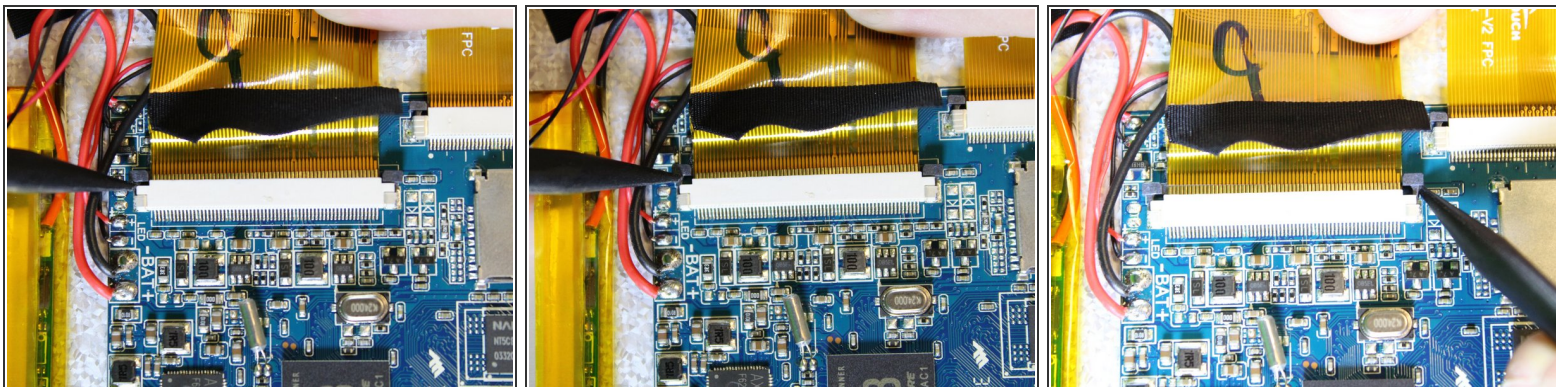
Step 2 — Speaker

- Remove the ribbon cable on the top left corner of the mother board.

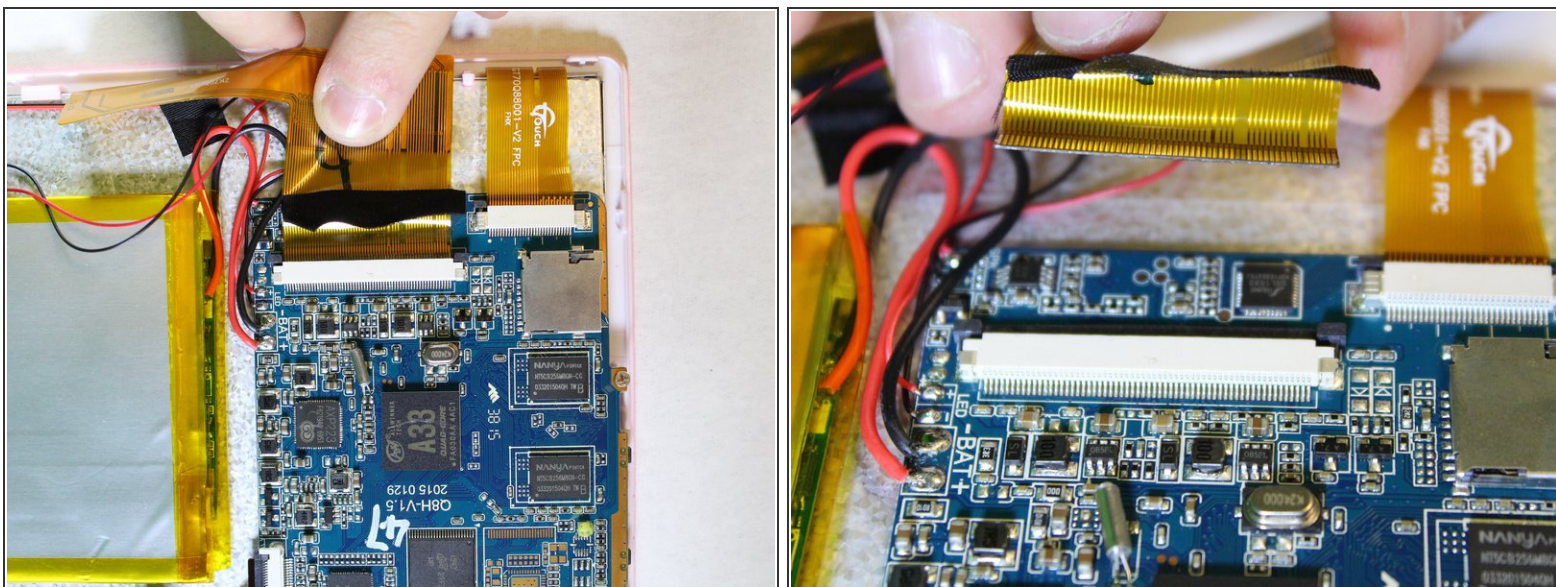- Gently lift the black tape up to see the ribbon cable socket.

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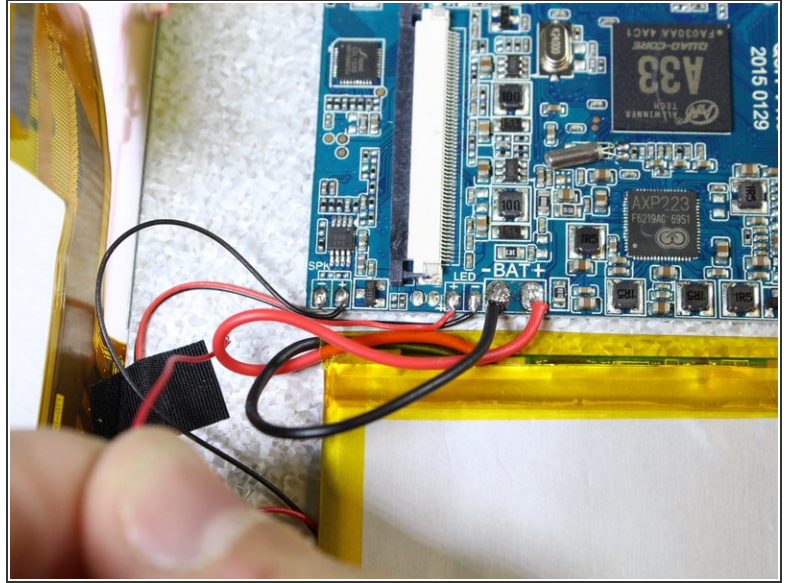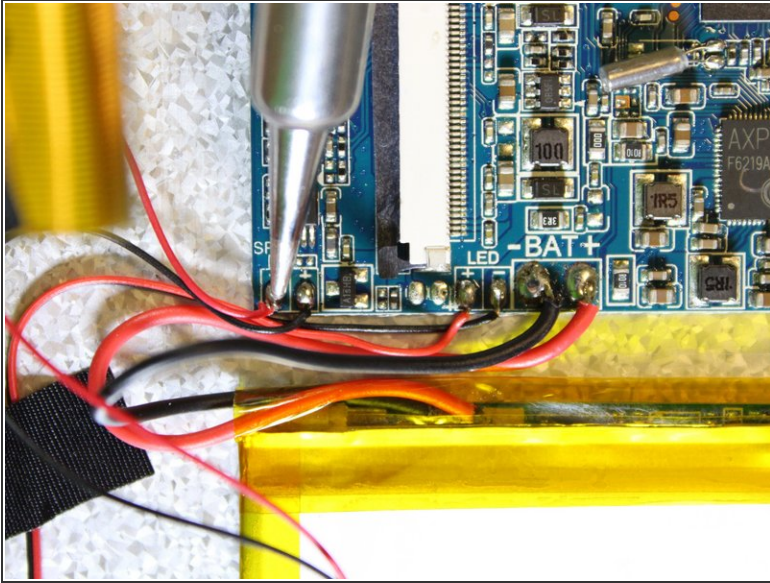© iFixit — CC BY-NC-SA

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Step 3

- Push both side buttons away from the socket by using a spudger.

Step 4

- Gently pull the ribbon cable away from the socket.
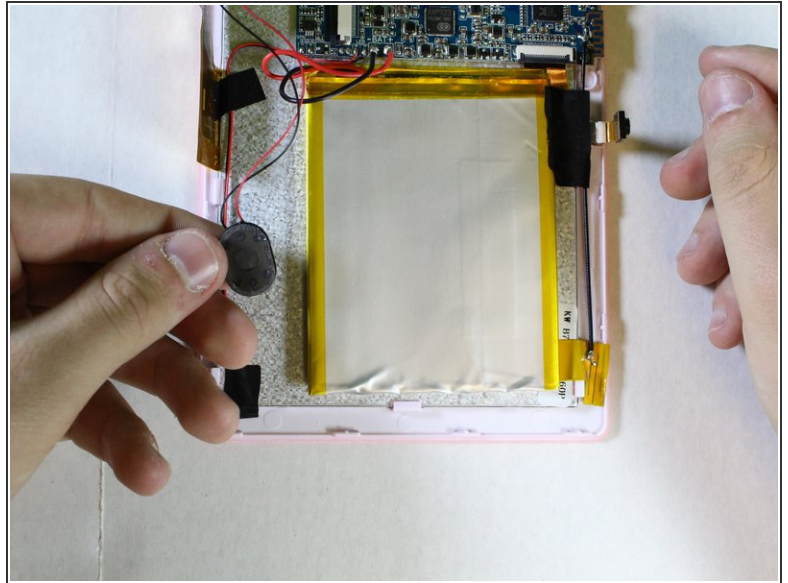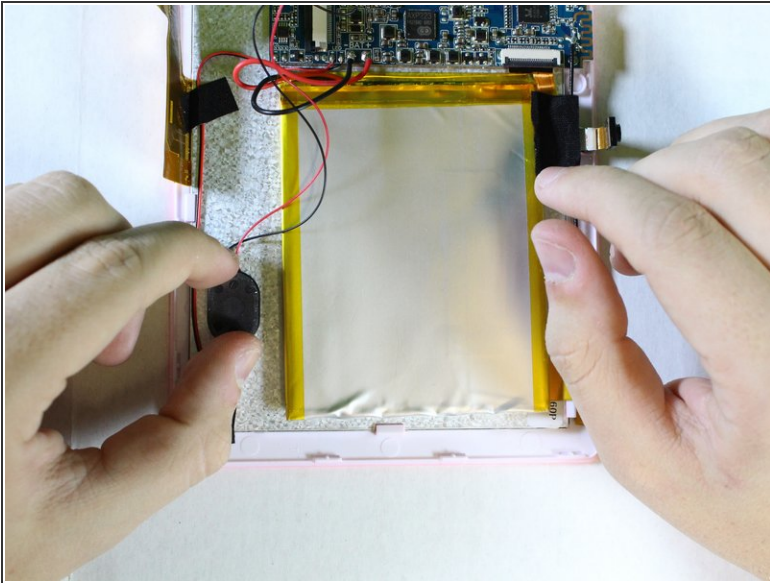- ⓘ Don't be afraid to use some force for this step.

Step 5

⚠️ The soldering iron can destroy components on the motherboard. Only touch the soldering iron to the solder already on the board.

- Touch the tip of the soldering iron to the solder connecting the positive (red) wire.

- Pull back on the wire with the iron in place, removing it from the hot solder.

- Repeat this step for the negative wire.

ⓘ The solder will be melted almost instantly. There is no need to hold the iron on the solder for than a second or two. Visit IFixit's soldering guide for more info.

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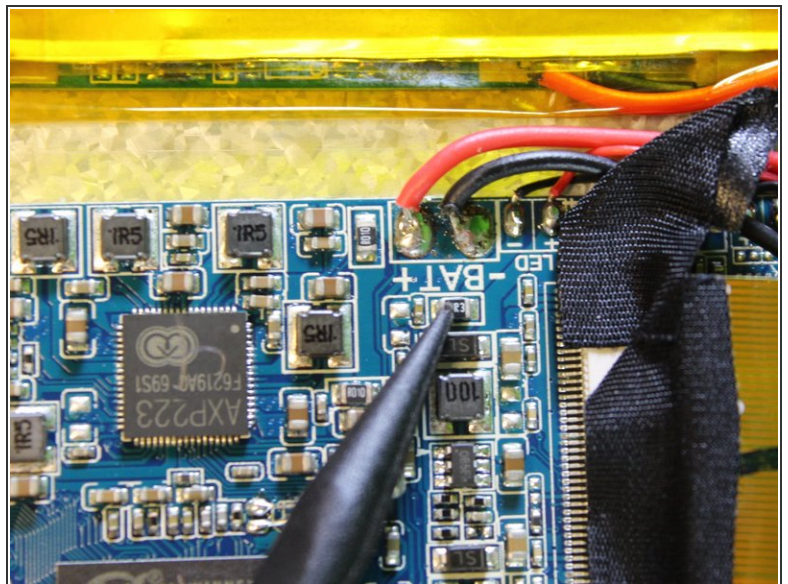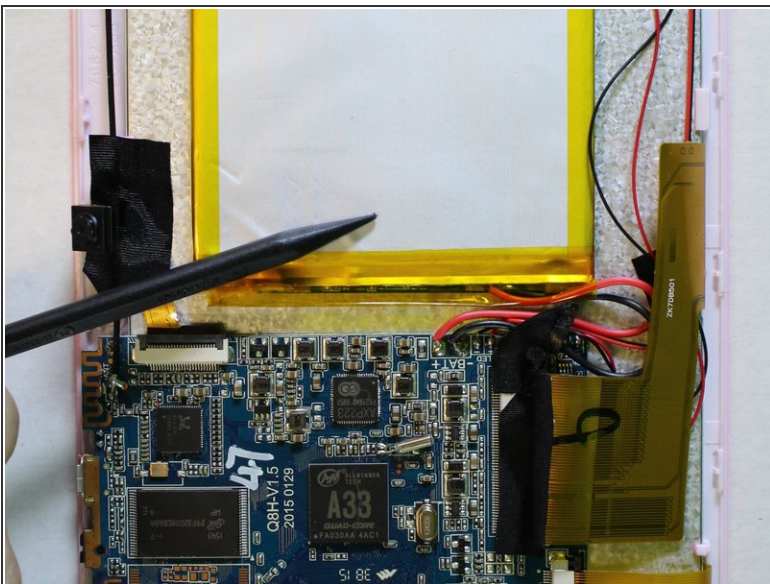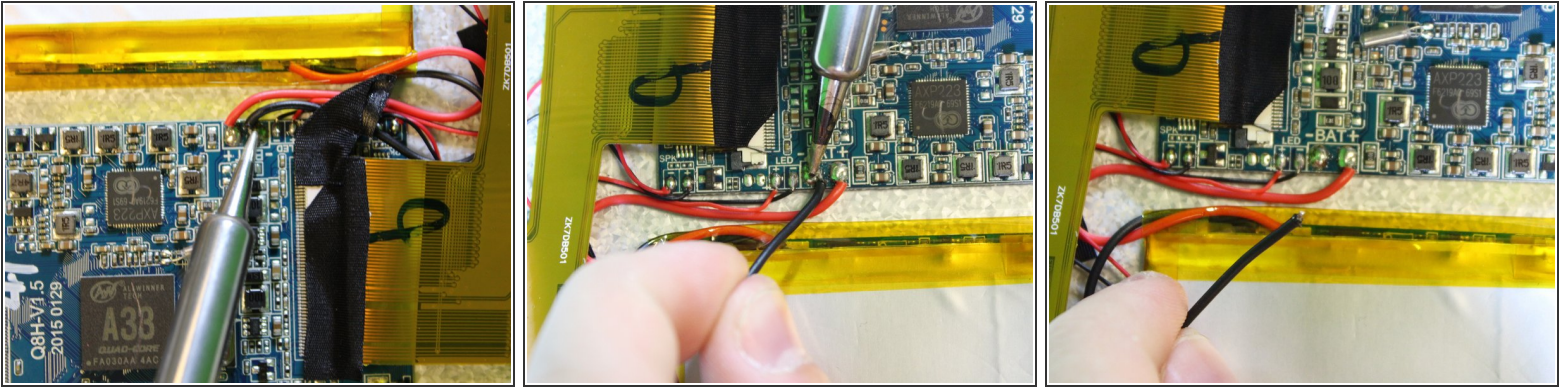
Step 6

- Remove the speaker from the motherboard.

Step 7 — Battery

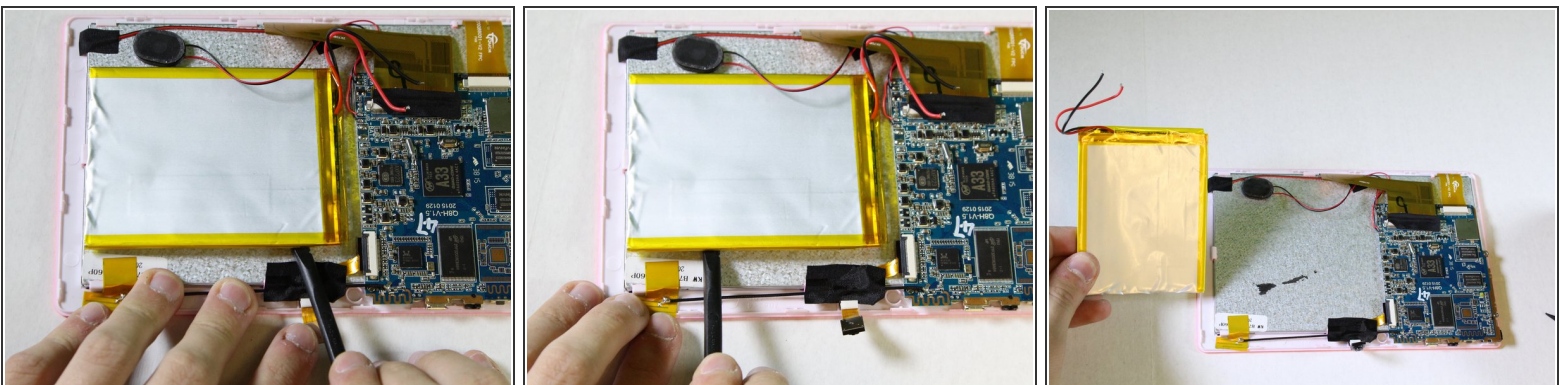- Follow the attached wires to the positive and negative connections.

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Step 8

⚠️ The soldering iron can destroy components on the motherboard. Only touch the soldering iron to the solder already on the board.
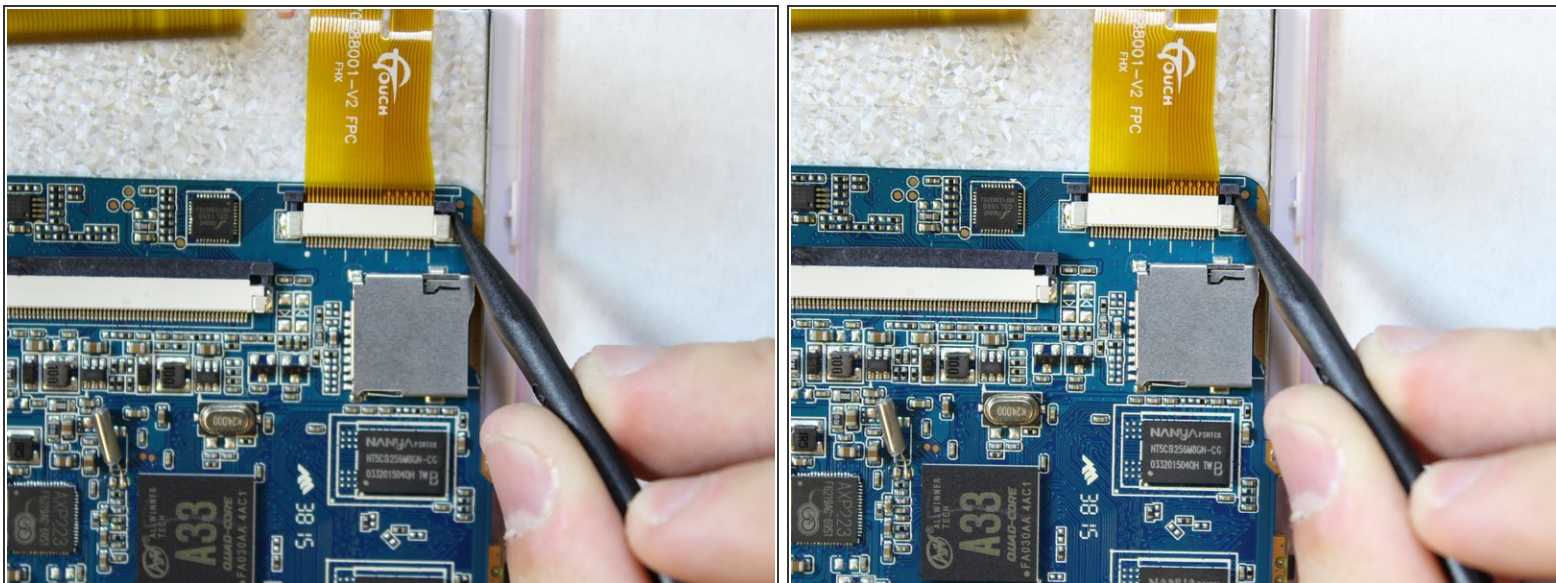
- Touch the tip of the soldering iron to the solder connecting the negative wire.

- Pull back on the wire with the iron in place, removing it from the hot solder.

ⓘ The solder will be melted almost instantly. There is no need to hold the iron on the solder for more than a second or two. Visit iFixit's soldering guide for more info.

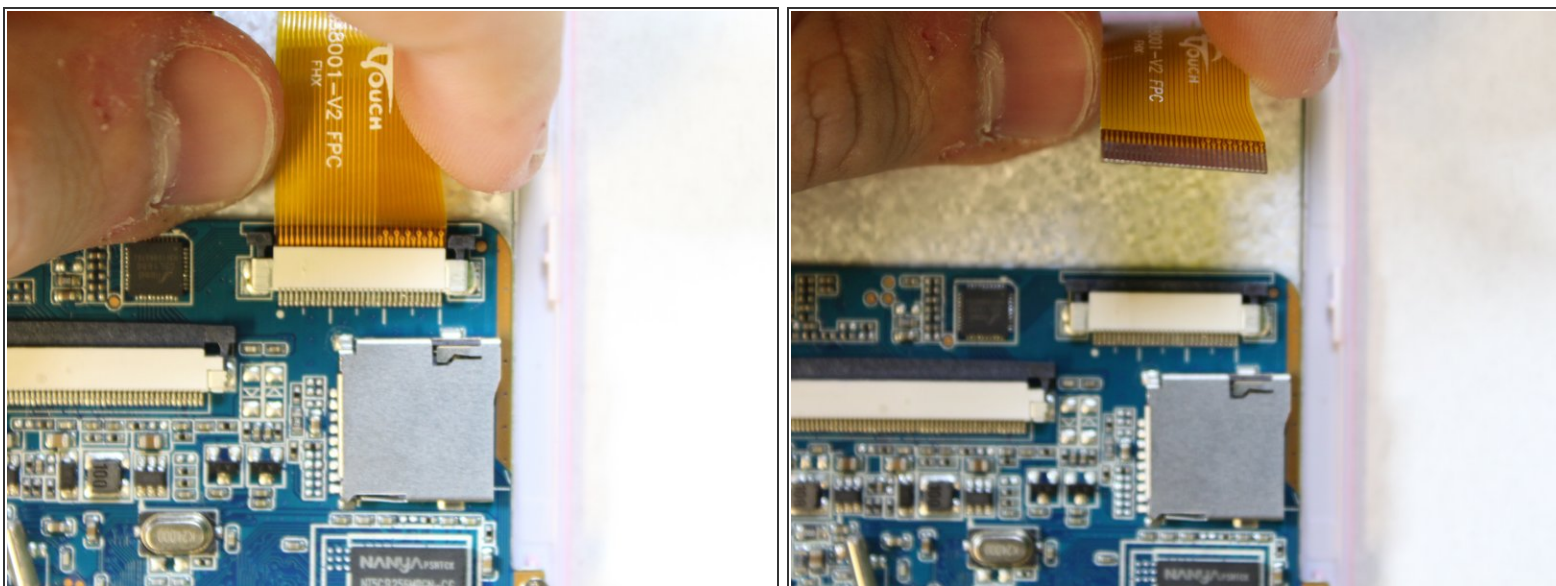- Repeat this step for the positive wire.

Step 9

- Use the nylon spudger to pry the battery from the back of the screen. Work your way around the edges, similar to opening the casing.

ⓘ The adhesive used to hold the battery down is very strong. Don't be afraid to use some force.

Step 10 — Motherboard

- Next we will disconnect the digitizer ribbon cable from the motherboard.

- Using the black spudger, gently push the tabs on each side of the socket to free the ribbon cable.
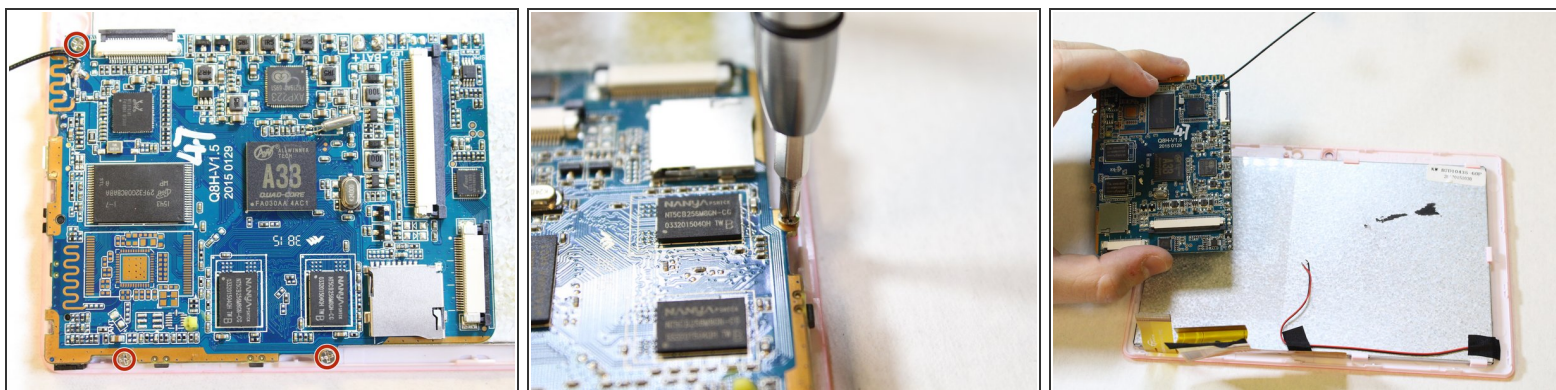
Step 11

- Gently pull on the ribbon cable, separating it from the socket.

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Step 12

- Next, we will unscrew the three PH#0 screws anchoring the motherboard into the case.

- ⓘ You will need the Phillips Screw #0 to remove the screws of the motherboard.

- Using the screwdriver, with the PH#0 attachment, carefully unscrew the screws of the motherboard in order to remove it from the device.

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

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