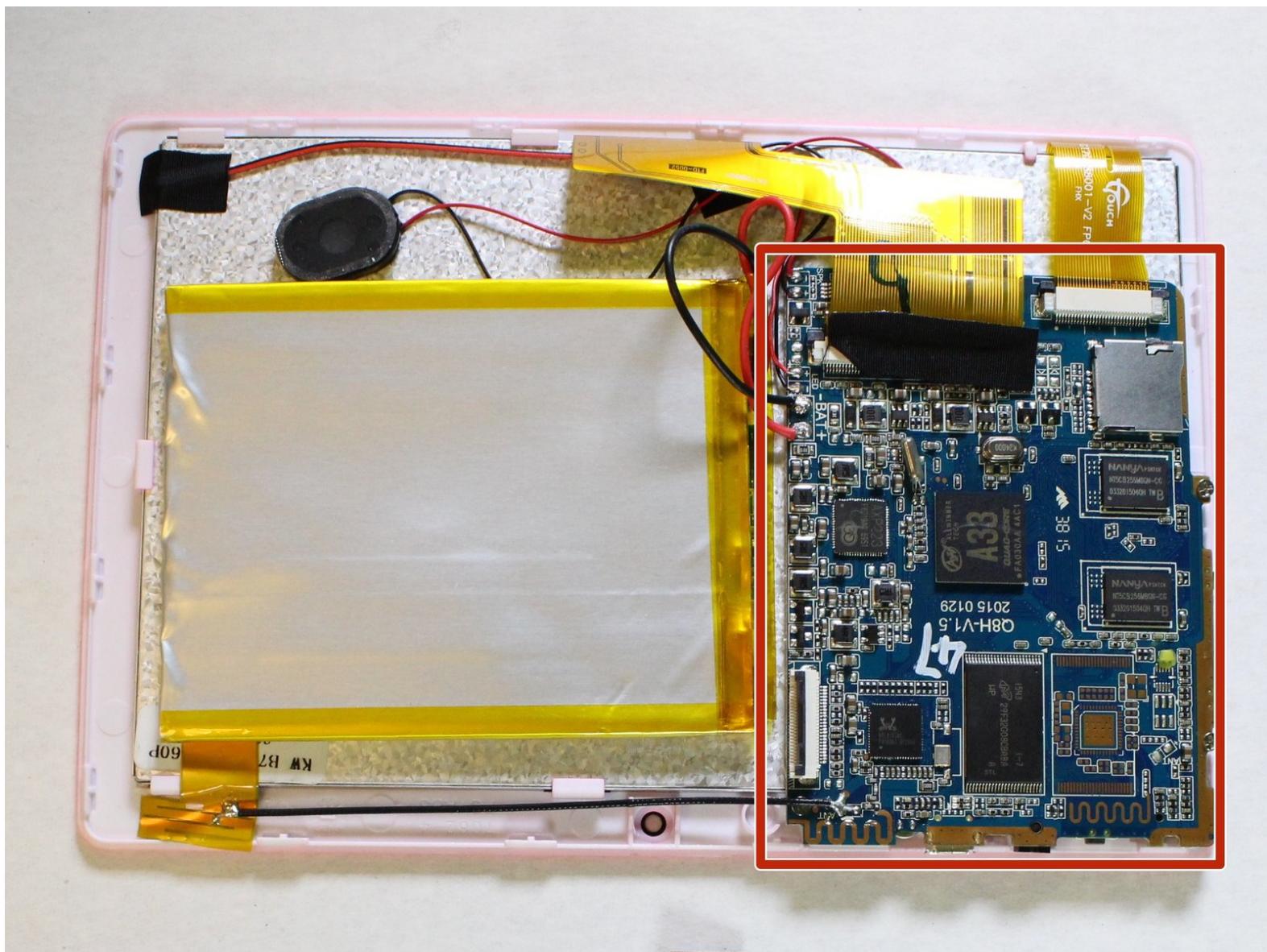




Tagital T7X Motherboard Replacement

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:

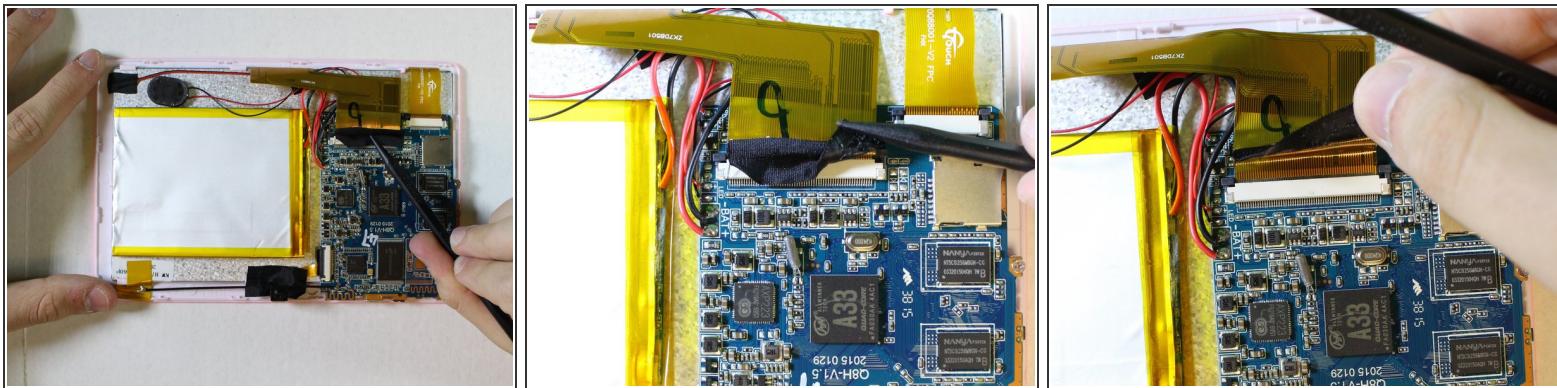
- [Phillips #0 Screwdriver](#) (1)
- [iFixit Opening Tools](#) (1)
- [Solder](#) (1)
- [Soldering Iron](#) (1)
- [Spudger](#) (1)

Step 1 — Case



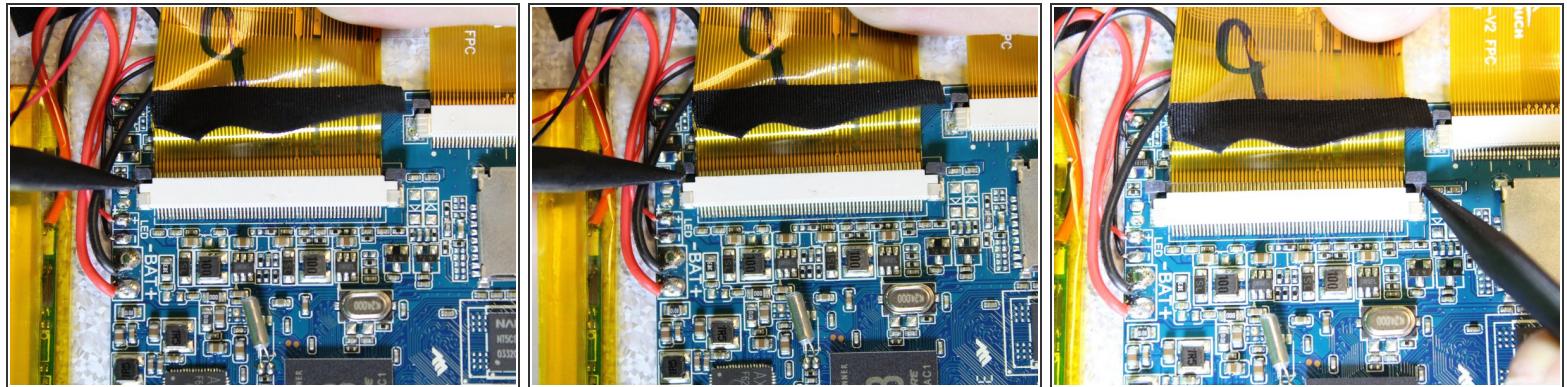
- Place the Tagital T7X on a sturdy surface.
- Insert the plastic opening tool into the crack and pry open the tablet. Move the tool along the edge, while continuing to pry up the casing.

Step 2 — Speaker



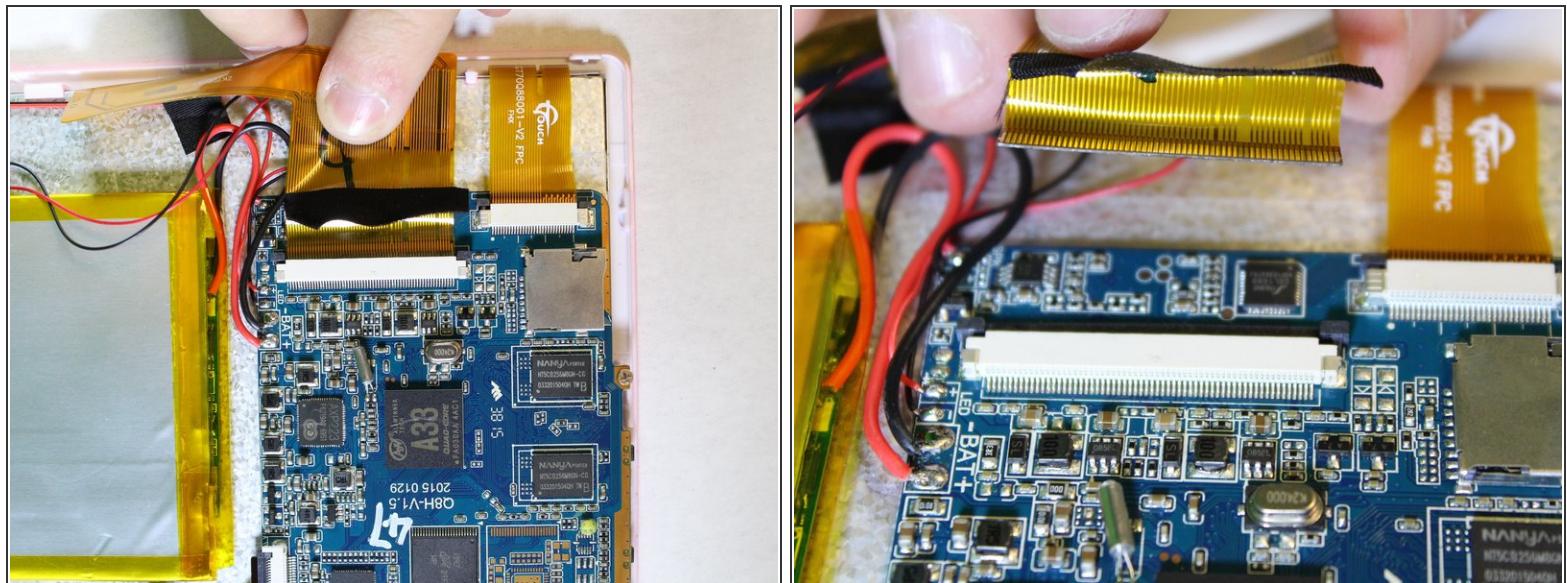
- Remove the ribbon cable on the top left corner of the mother board.
- Gently lift the black tape up to see the ribbon cable socket.

Step 3



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

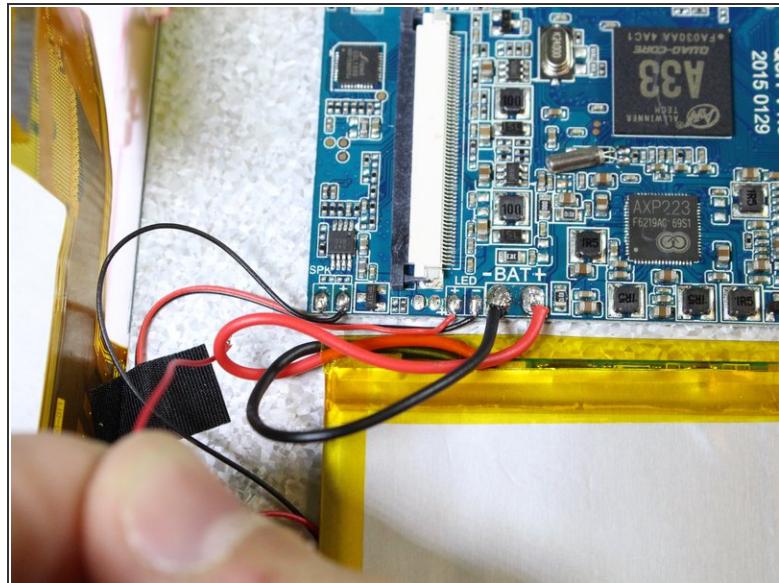
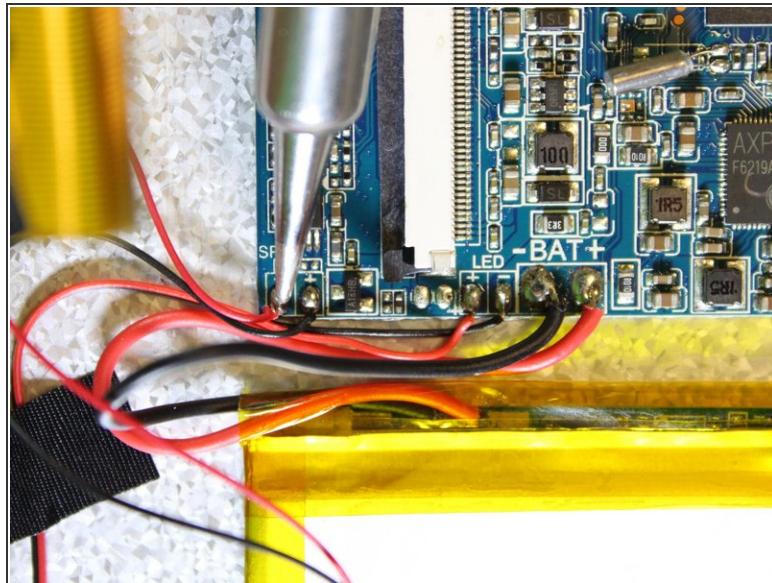
Step 4



- Gently pull the ribbon cable away from the socket.

(i) Don't be afraid to use some force for this step.

Step 5

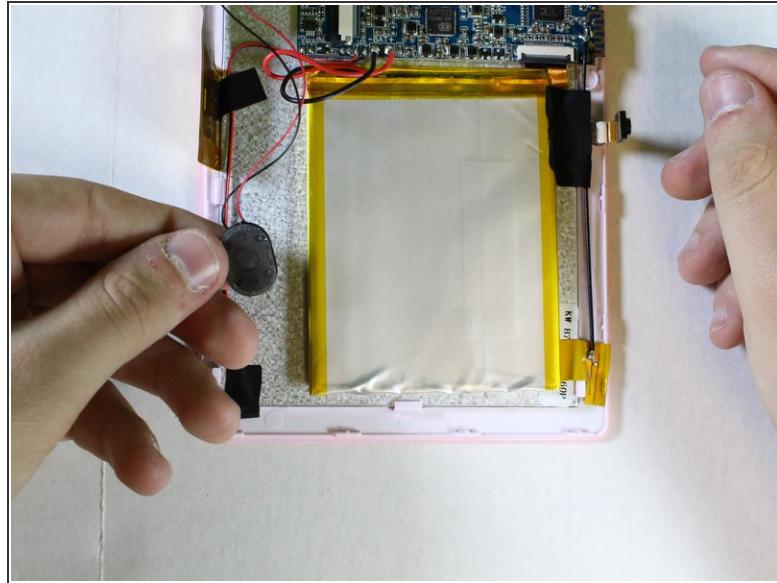
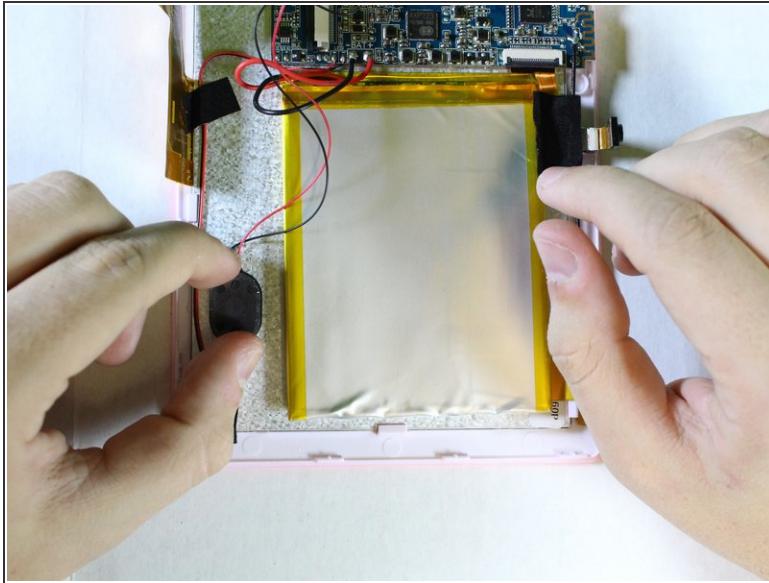


 The soldering iron can destroy components on the motherboard. Only touch the soldering iron to the solder already on the board.

- 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.

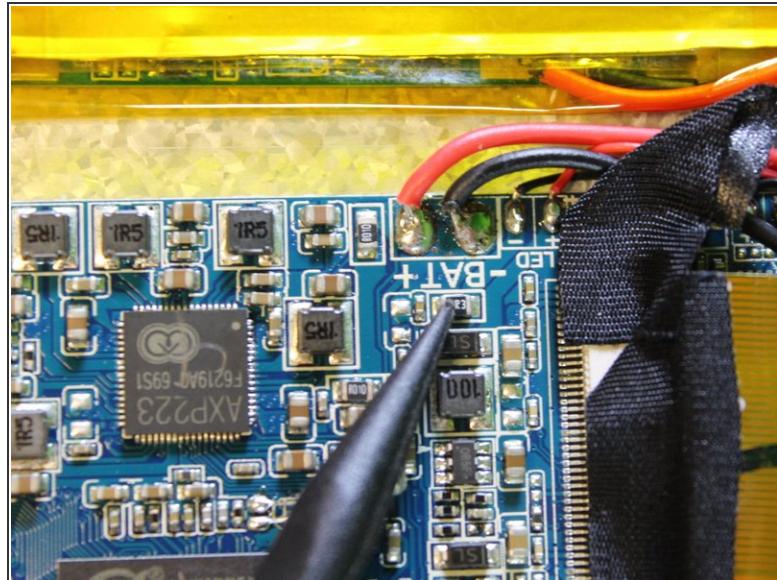
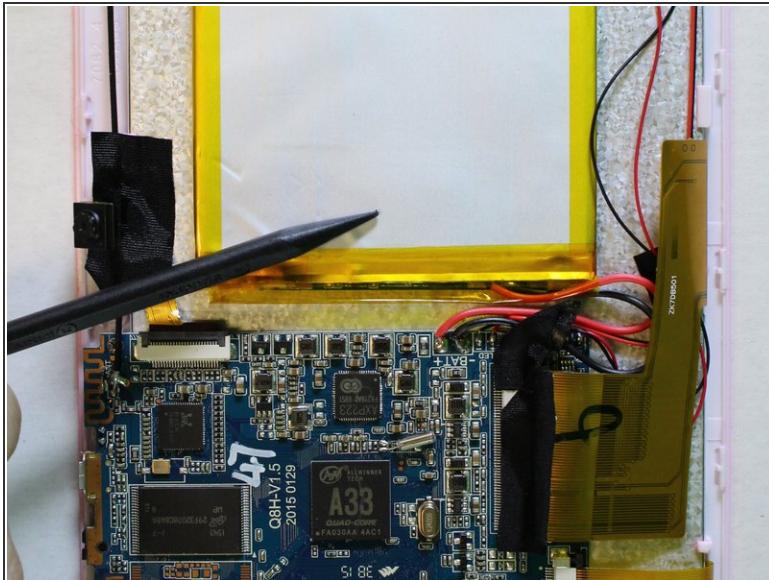
i The solder will be melted almost instantly. There is no need to hold the iron on the solder for than a second or two. Visit [IFixit's soldering guide](#) for more info.

Step 6



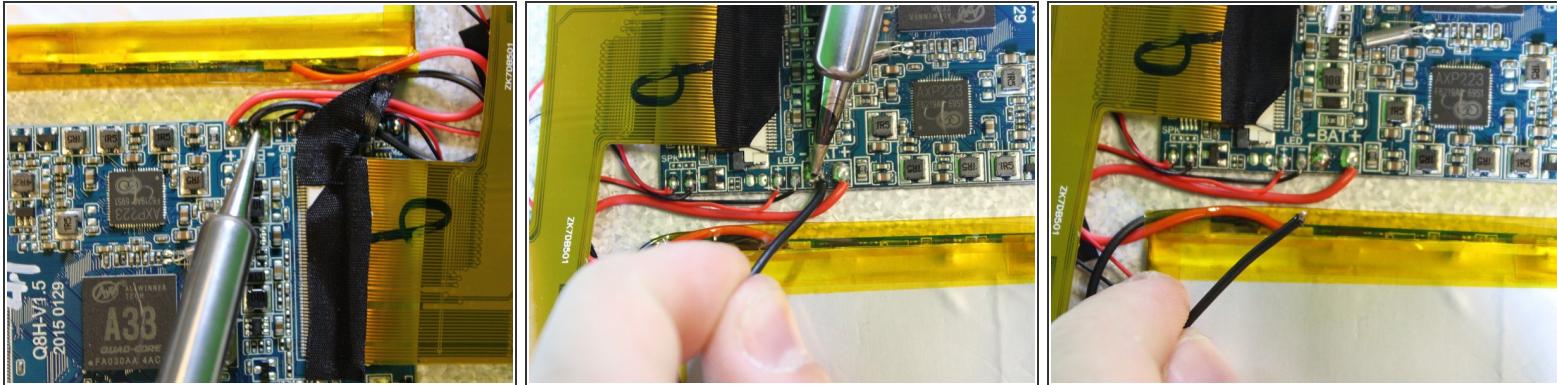
- Remove the speaker from the motherboard.

Step 7 — Battery



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

Step 8



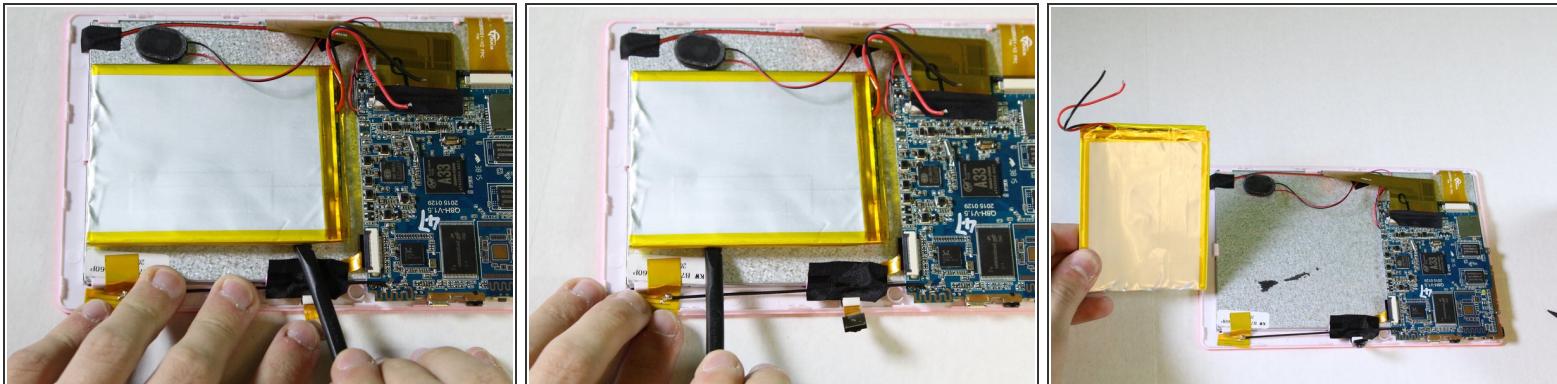
! The soldering iron can destroy components on the motherboard. Only touch the soldering iron to the solder already on the board.

- 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.

i 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.

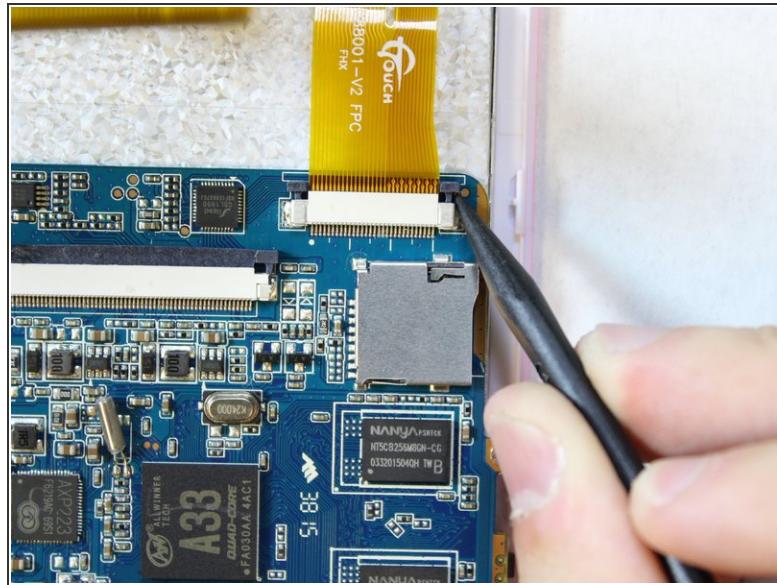
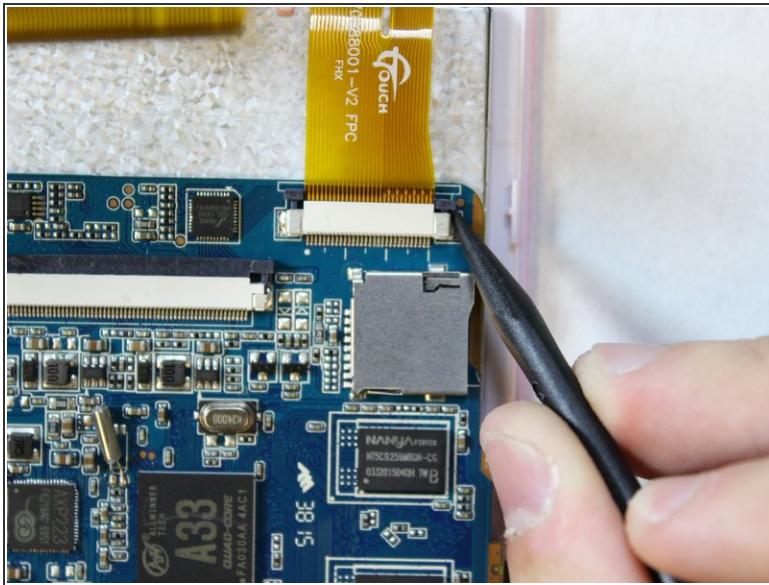
Step 9



- 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.

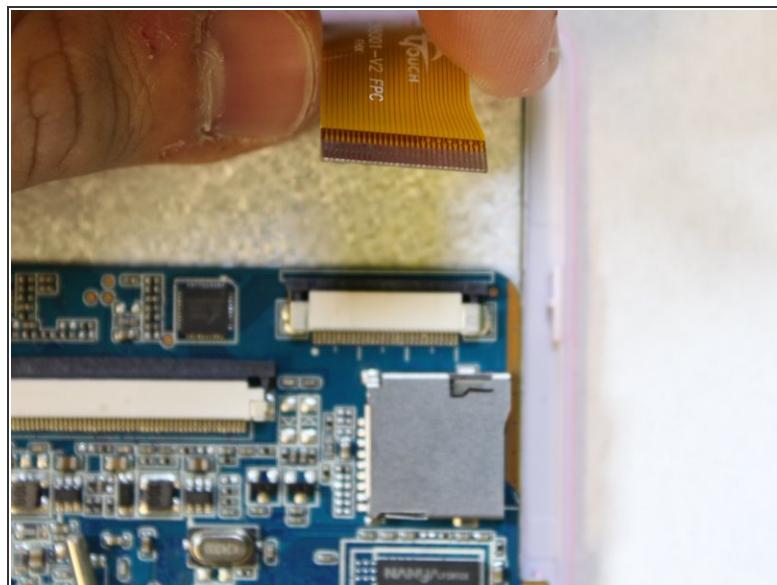
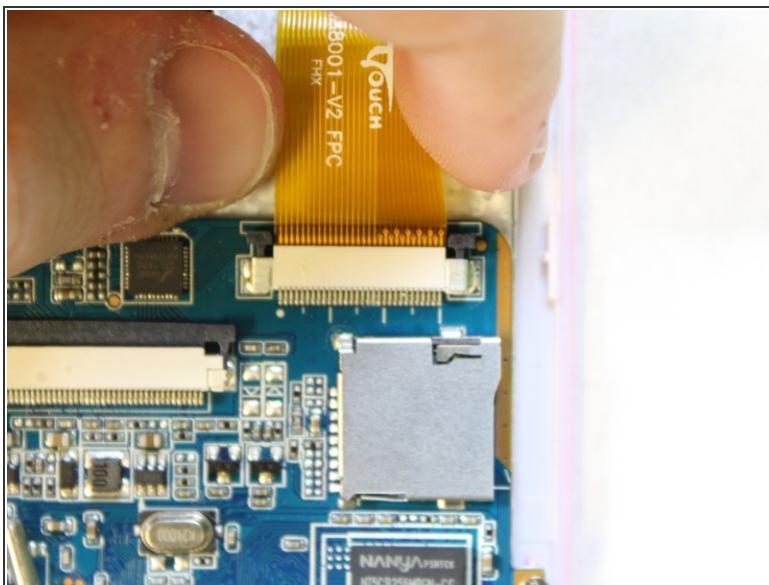
i The adhesive used to hold the battery down is very strong. Don't be afraid to use some force.

Step 10 — Motherboard



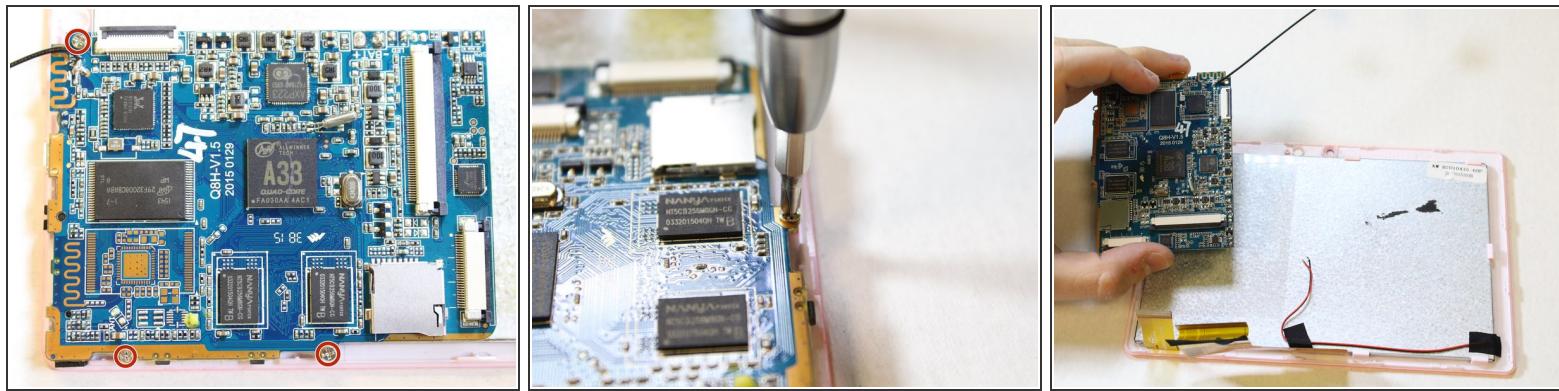
- Next we will disconnect the digitizer ribbon cable from the motherboard.
- Using the black spudger, gently push the tabs on each side of the socket to free the ribbon cable.

Step 11



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

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.