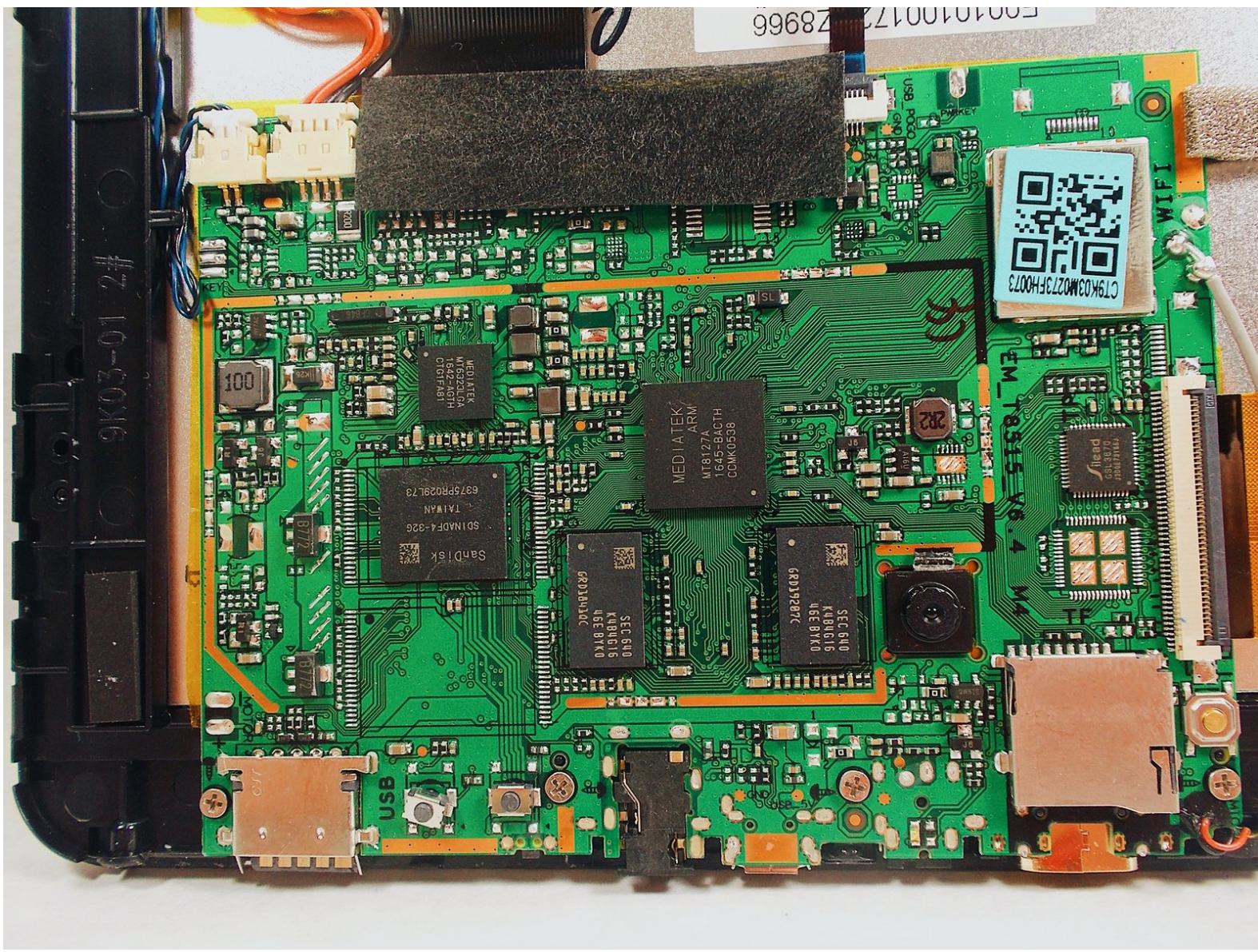




RCA 10 Viking Pro RCT6K03W13 Motherboard Replacement

This guide will teach the user how to replace the motherboard for the RCA 10 Viking Pro RCT6K03W13.

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 **TOOLS:**

- **Soldering Iron** (1)
- **Spudger** (1)
- **Phillips #00 Screwdriver** (1)

Step 1 — Backplate



- Remove the three Phillips #00 screws at the bottom of the device.

Step 2



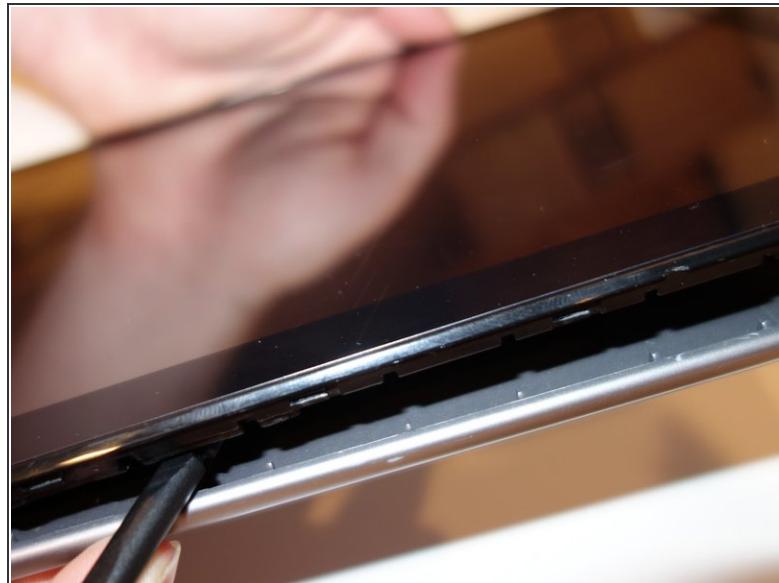
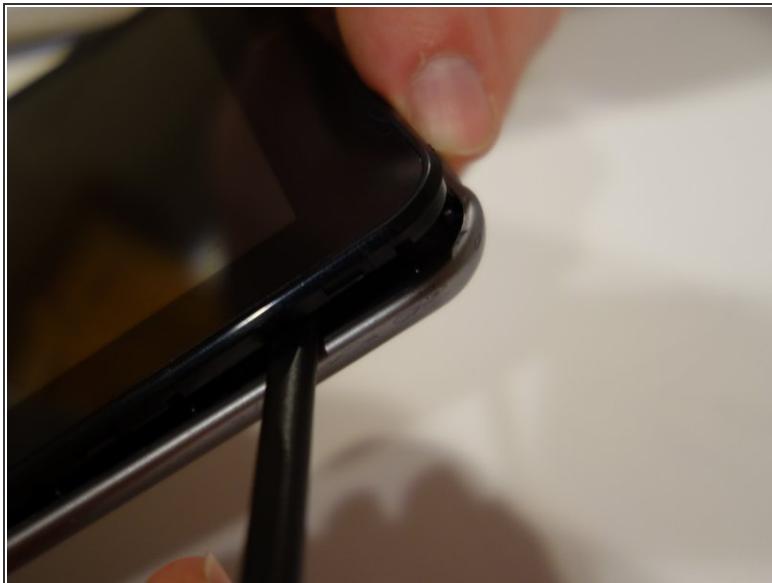
- Remove the two Phillips #00 screws to the left and right of the keyboard connector.

Step 3



- Pull on one of the bottom corners to begin to pull off the back plate.

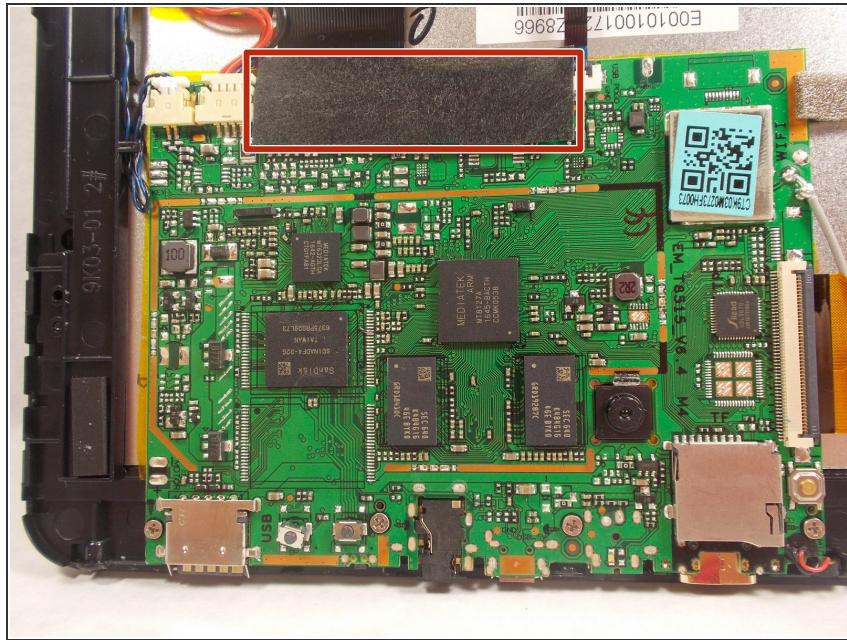
Step 4



- Work around the outside of the chassis, using the spudger to pry the backplate off.

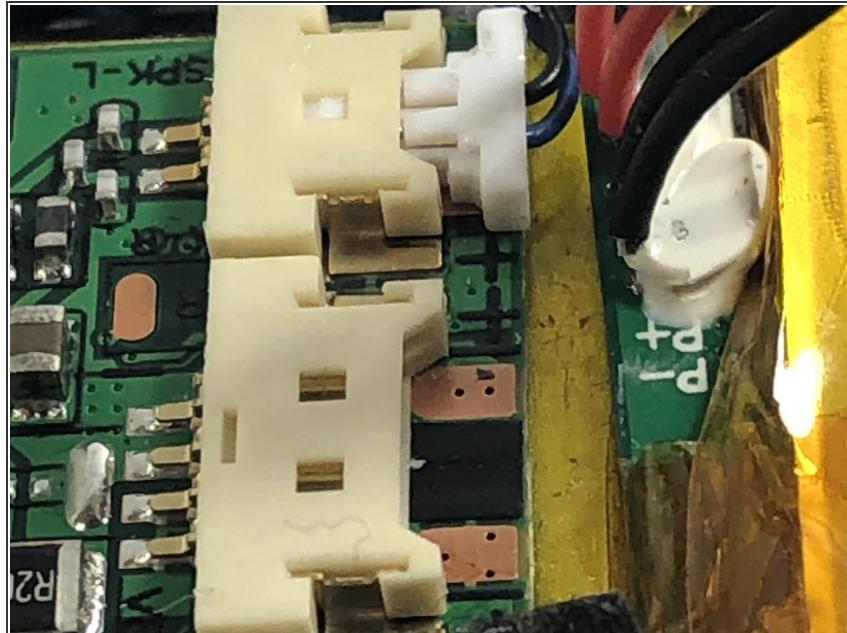
(i) After doing this for about half the device, the backplate should pop right off.

Step 5 — Battery



- Remove the tape over the connectors on the motherboard and other side of the battery.

Step 6



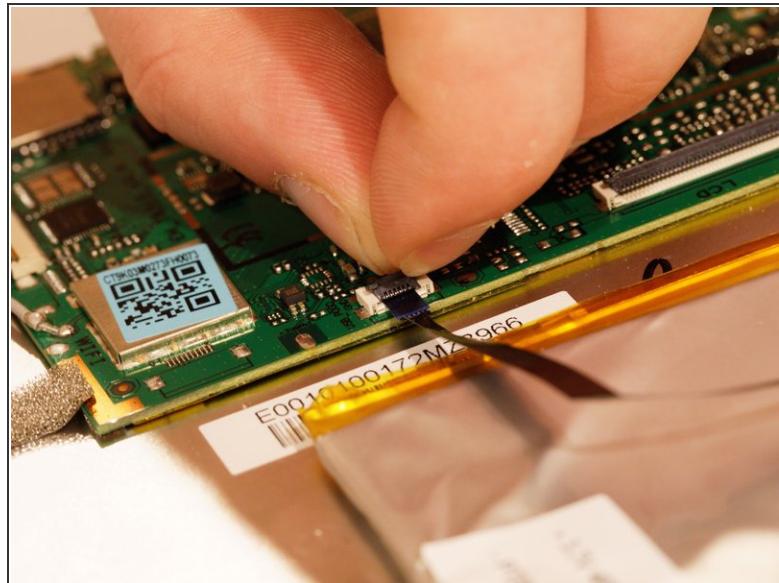
- Disconnect the red and black keyboard wires connecting the battery to the motherboard.

Step 7



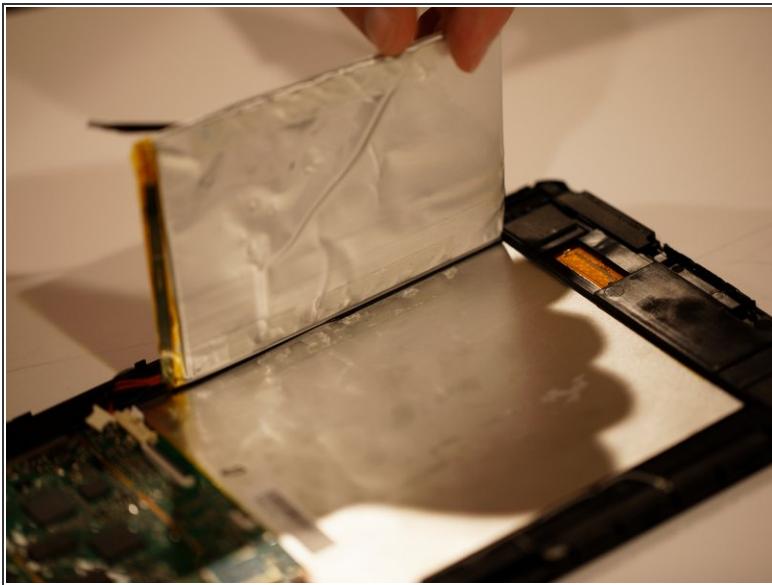
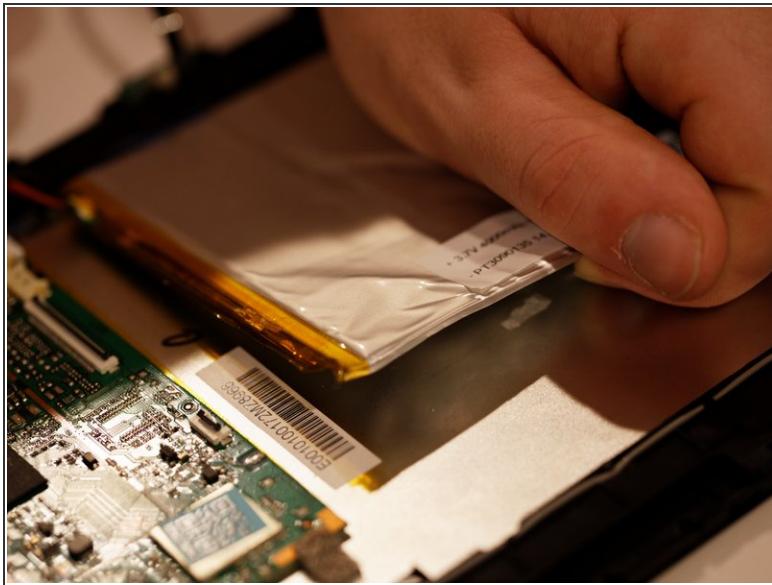
- Disconnect the black ribbon cable running over the battery. Flip up the black clamp and pull the cable out.

Step 8



- Remove the cable over the battery connecting the motherboard and the power connector.
- Flip up the black clamp and pull the cable out.

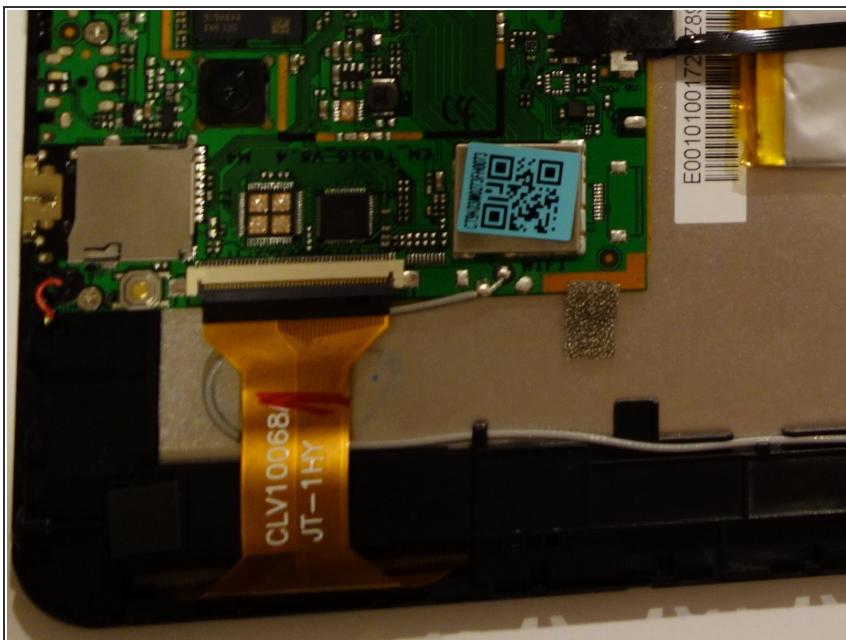
Step 9



- Pull out battery. It is taped to the device so it is safe to pull out.

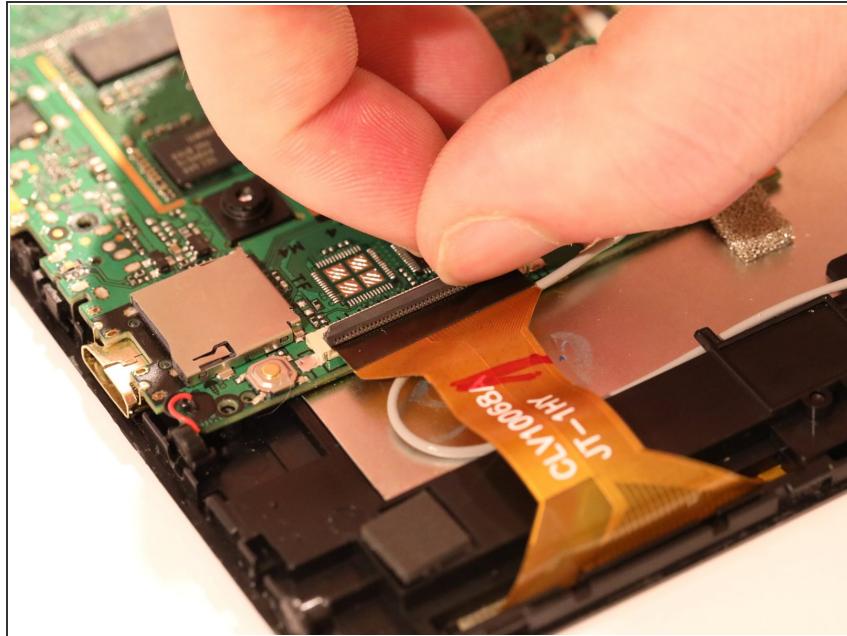
! Look for damage to the battery. If damaged, make sure to not get any acid on your fingers.

Step 10 — Antenna



- Identify the grey wire on the right side of the device.

Step 11



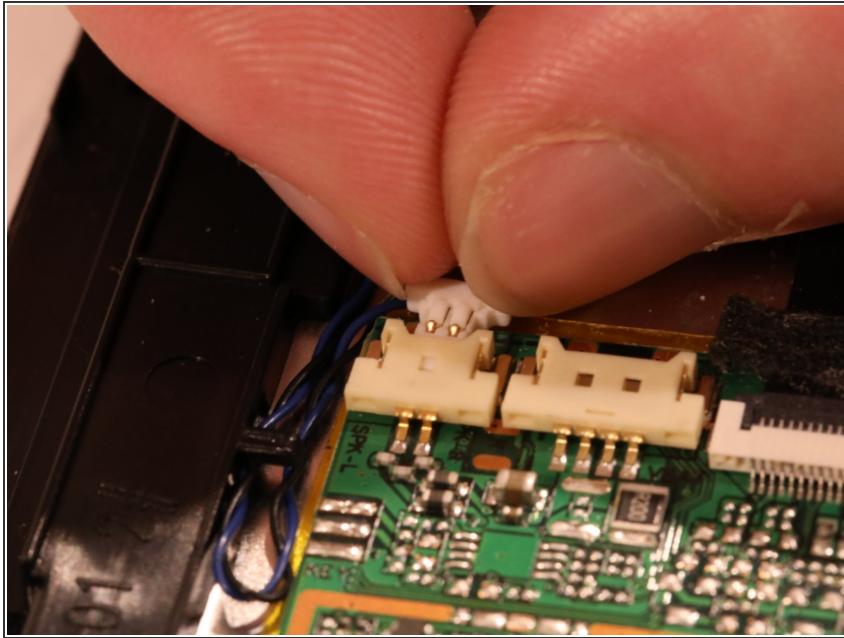
- Remove the orange ribbon cable over the wire.

Step 12



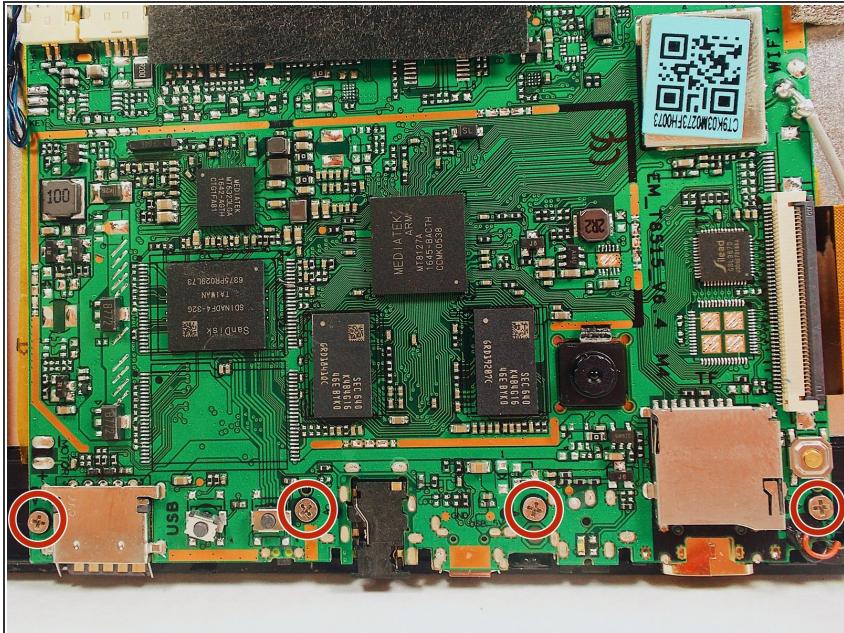
- Remove the antenna using a soldering iron.

Step 13 — Motherboard



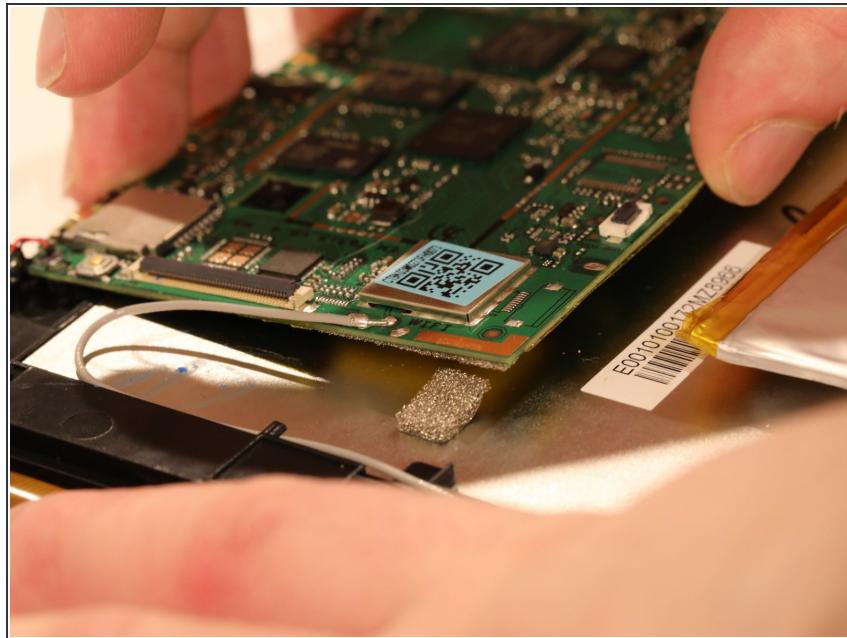
- Remove the blue and black wire from the top of the motherboard.

Step 14



- Remove the screws from the motherboard.

Step 15



- Remove the motherboard.

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