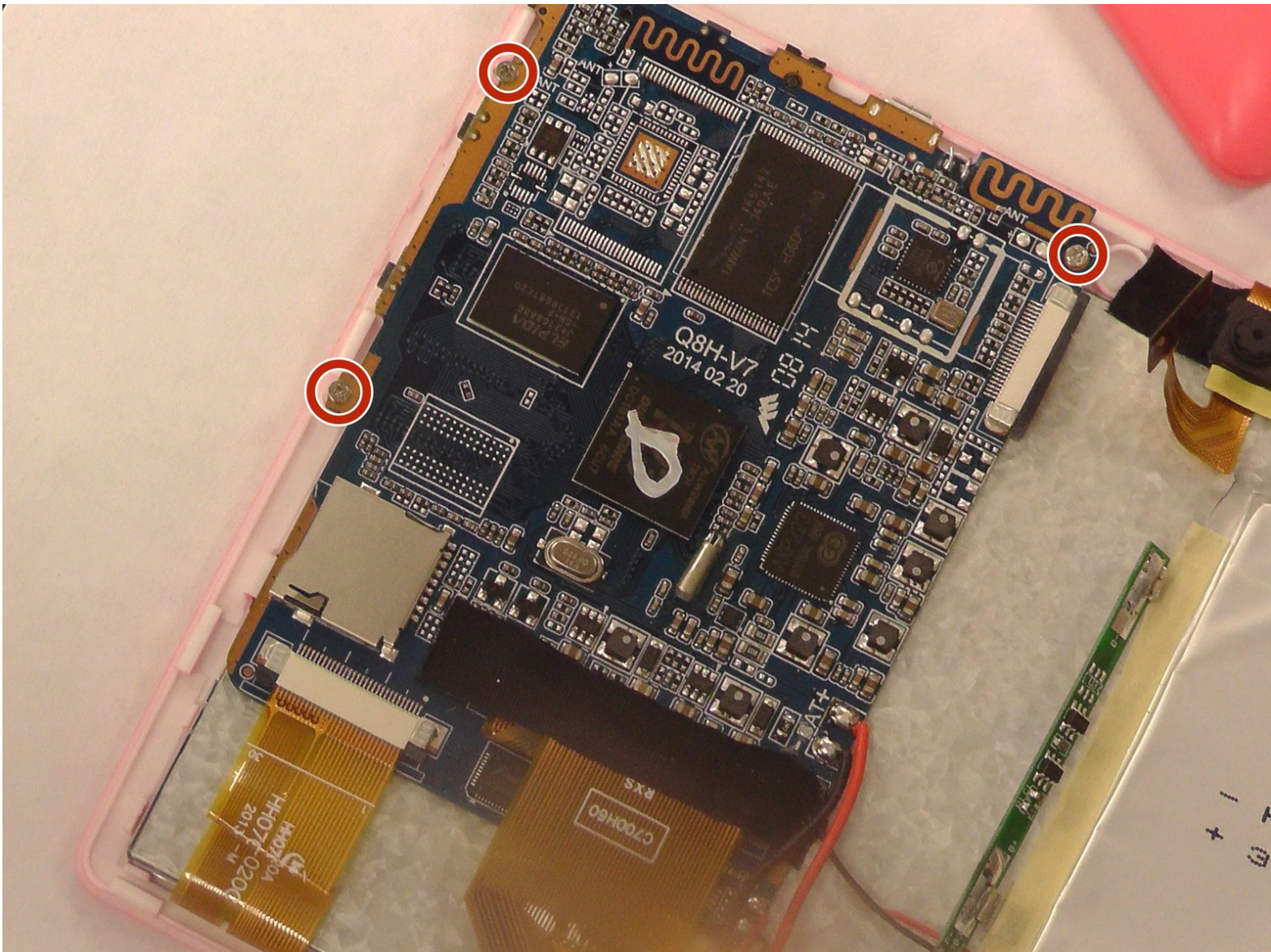# Quantum Axis A23 Motherboard Replacement

Shows user how to replace the motherboard on a Quantum Axis A23.

Written By: Nicole

INTRODUCTION

Need to know how to replace the motherboard of your Quantum Axis A23? This guide will help you accomplish that.

🔧 TOOLS:

- iFixit Opening Tools (1)
- Spudger (1)
- Tweezers (1)
- Wire Stripper (1)
- Electrical Tape in 6 Assorted Colors (1)
- Phillips #0 Screwdriver (1)
- Small Needle Nose Pliers (1)

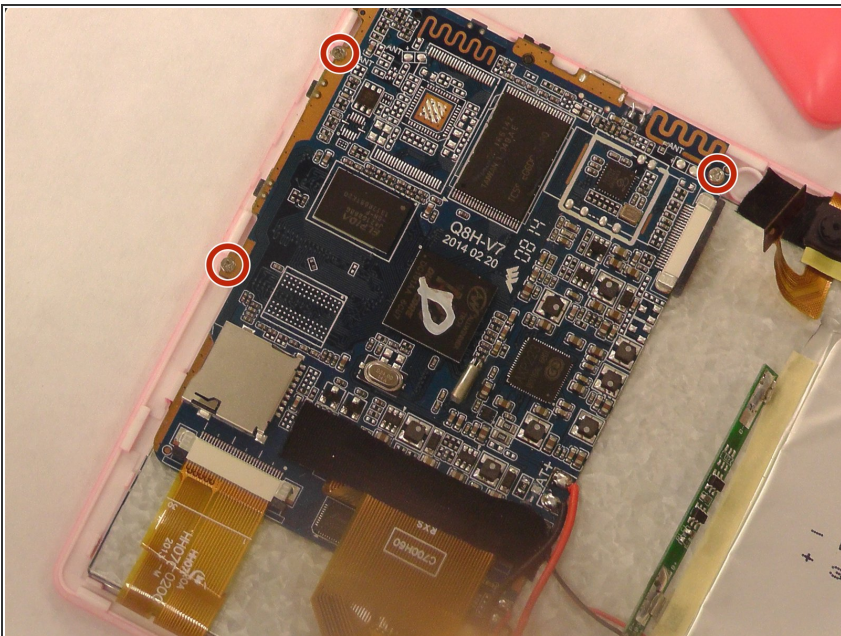This document was generated on 2019-09-24 02:35:32 PM (MST).

Step 1 — Removing the Case

- Use plastic opening tools to pry open the rear casing of the your Quantum Axis A23. Slide the tool along the edges to release the plastic tabs.
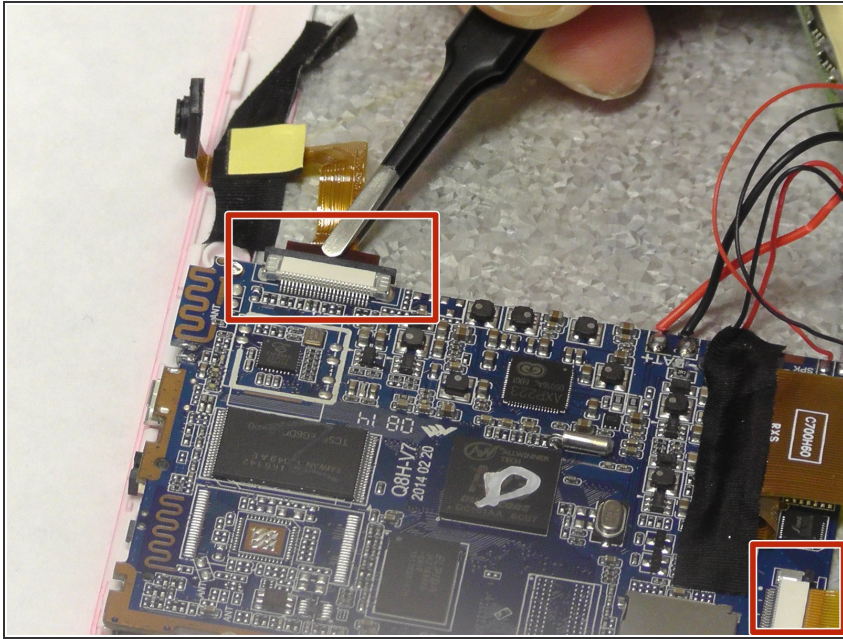
- ⚠ Be careful not to crack front screen in the process.
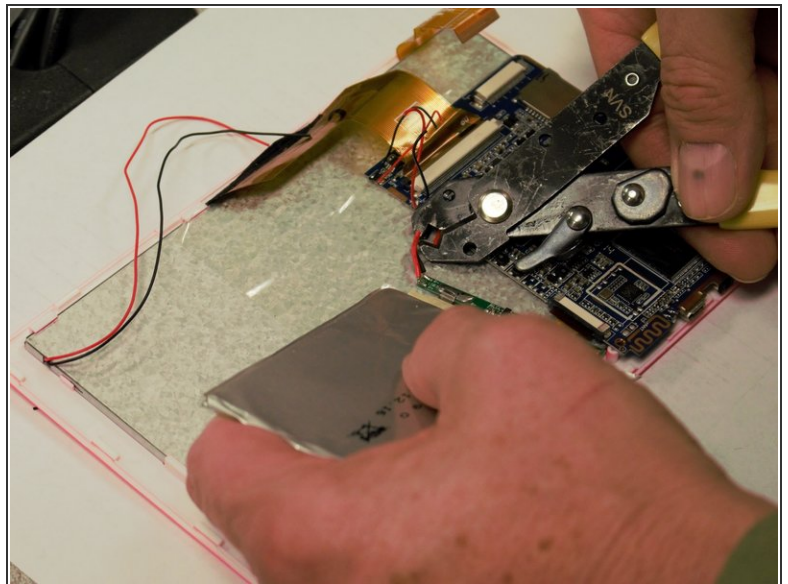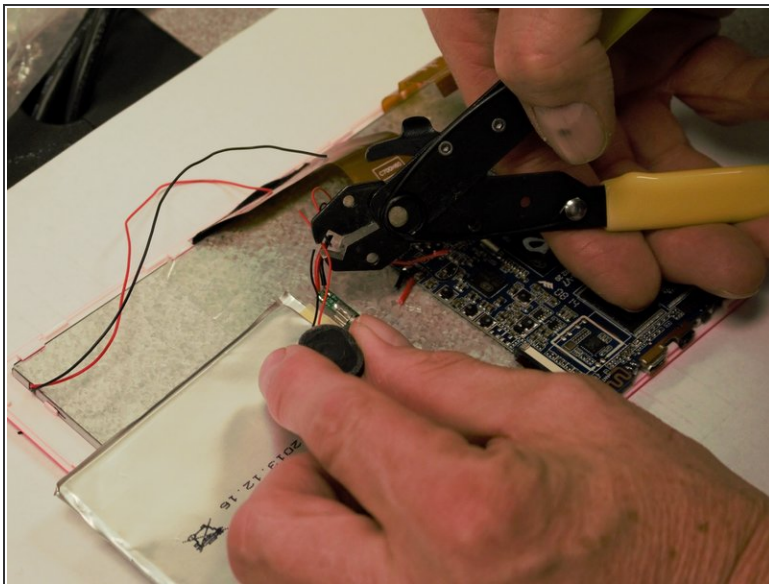
Step 2 — Unscrewing the Motherboard

- Remove all three screws holding down the motherboard, using the Phillips #00 Precision Screwdriver and slot in the Phillips Head PH #0.
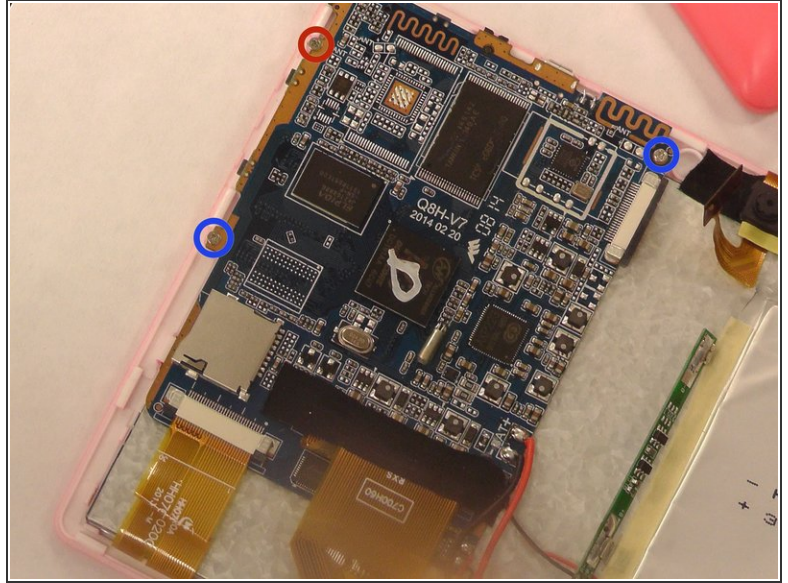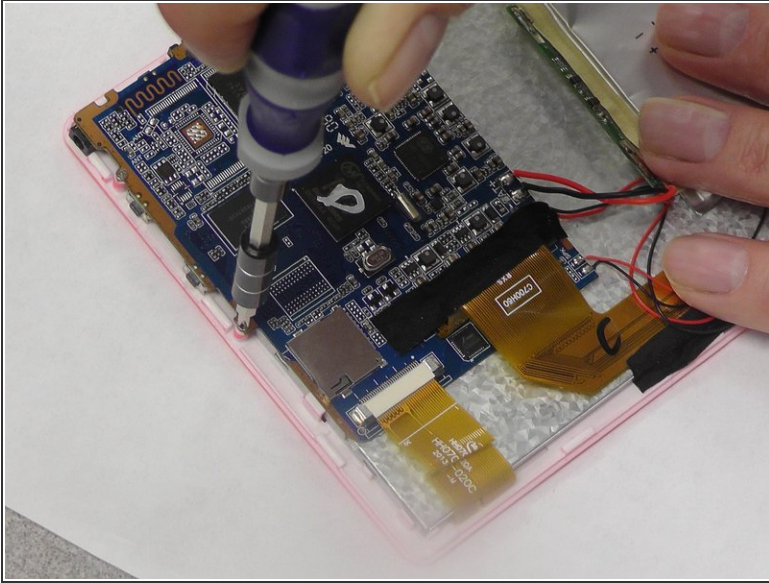
Step 3

- Using the small needle nose pliers, carefully remove the small yellow ribbons that are attached to the motherboard.
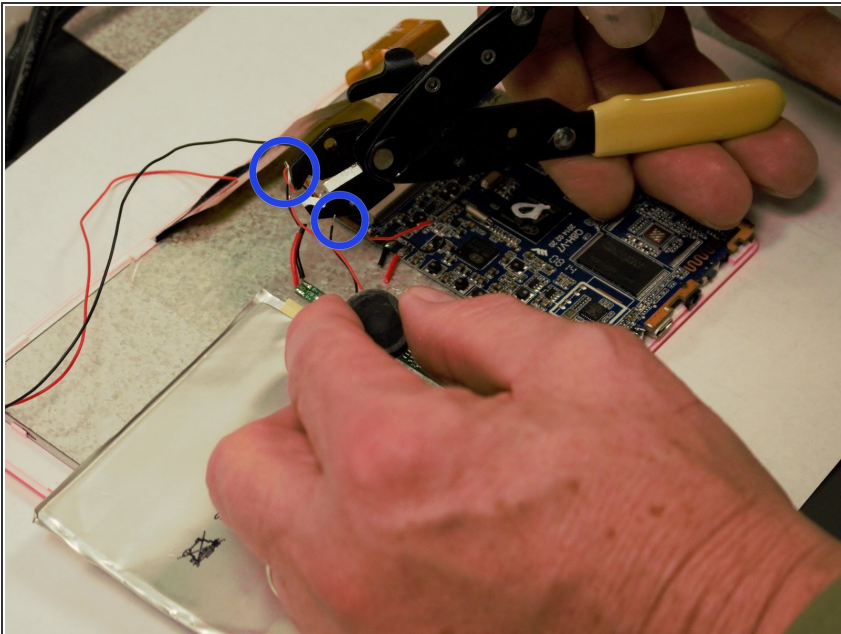
Step 4

- Cut the red and black wires that connect the battery, screen, camera, and speakers to the motherboard.

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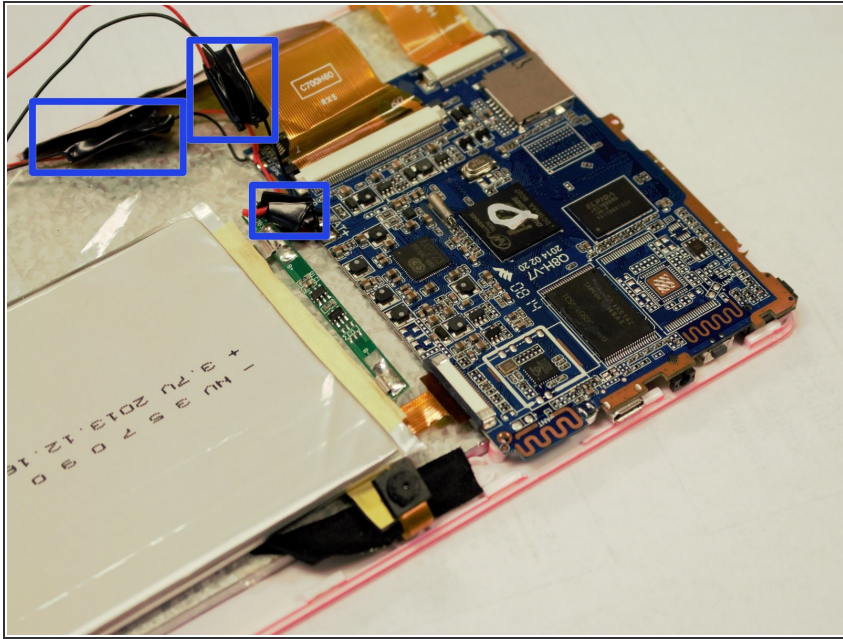
Step 5 — Screwing the Motherboard Back On

- Take the the new motherboard and screw it in with the screws used on the previous motherboard, starting with the top right and bottom left corners.

- Screw on the top left corner last

Step 6

- Strip both the red and black wires in the middle with a wire stripper/cutter tool. Do this for all wires that were cut, as well as for the wires on your new motherboard.

Step 7

- Take the red wire from the specified part and attach to the red wire on the motherboard, then twist the two ends together and wrap in electrical tape. Repeat this step for the black wires.

- Do this for every part that was attached to the motherboard.

Snap the rear case back on to finish this repair.