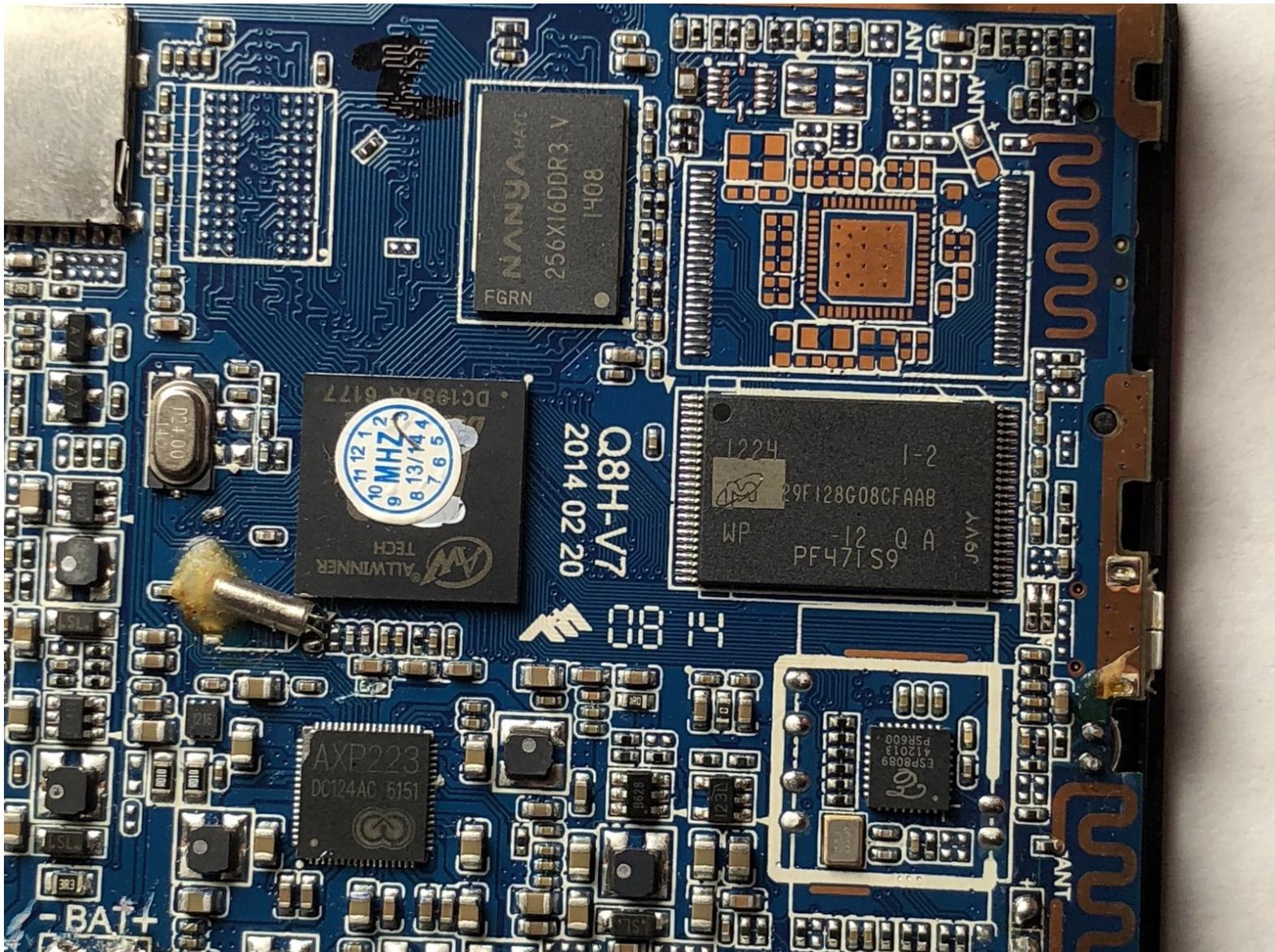




iRulu AX760 Motherboard Replacement

This guide focuses on removing and replacing the motherboard.

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INTRODUCTION

This guide will teach the process of unseating the motherboard from the iRulu AX760, whether to replace the motherboard or simply to get to the screen. These steps are reversible to re-seat the motherboard.

TOOLS:

- [Soldering Iron](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [Portable Soldering Iron](#) (1)
 - [JIS #000 Screwdriver](#) (1)
 - [Metal Spudger](#) (1)
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Step 1 — Battery



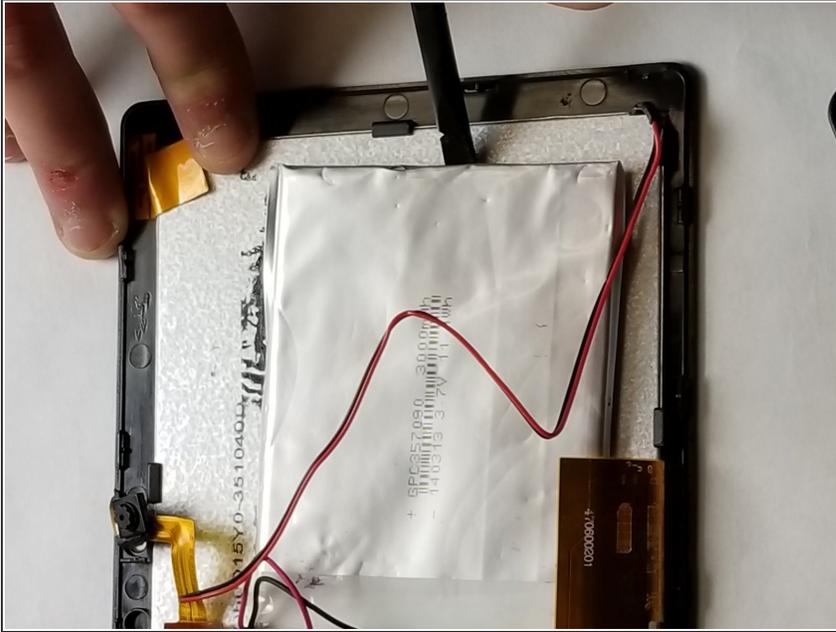
- Use a plastic opening tool or metal spudger to free the rear cover.
- Insert your spudger into the side of your tablet.
- Crack open each edge and remove the cover.

Step 2



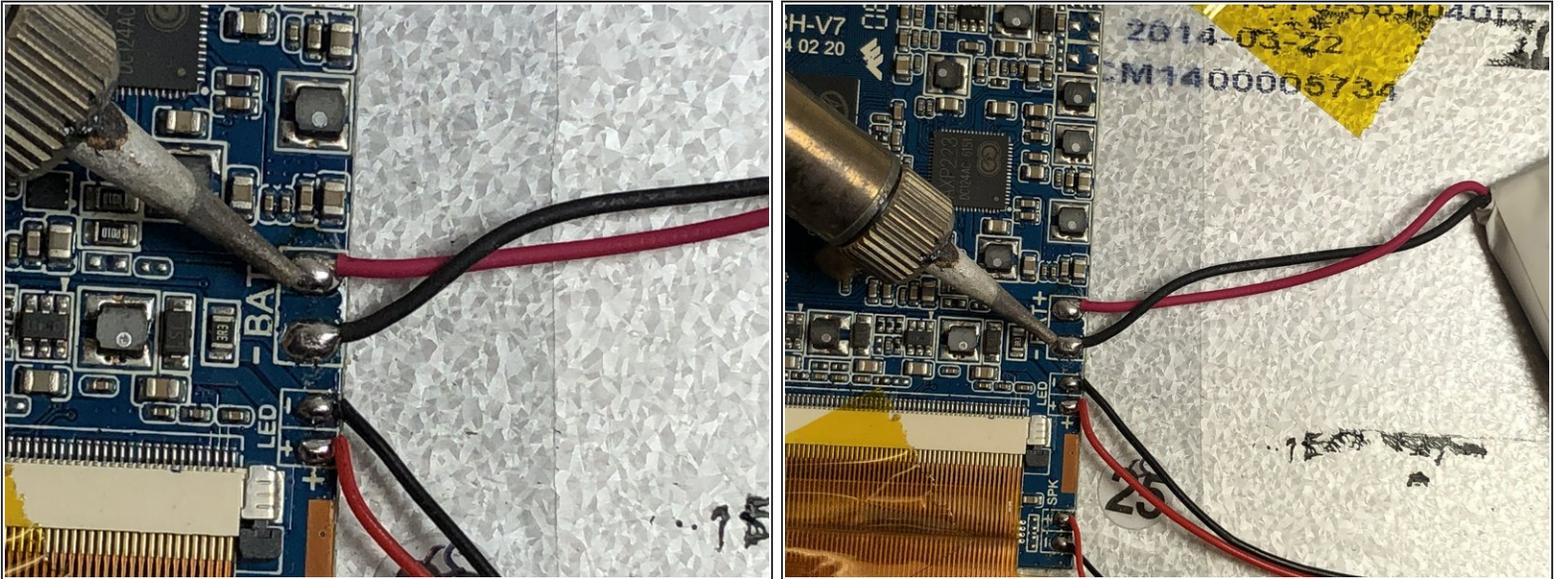
- Open your tablet.

Step 3



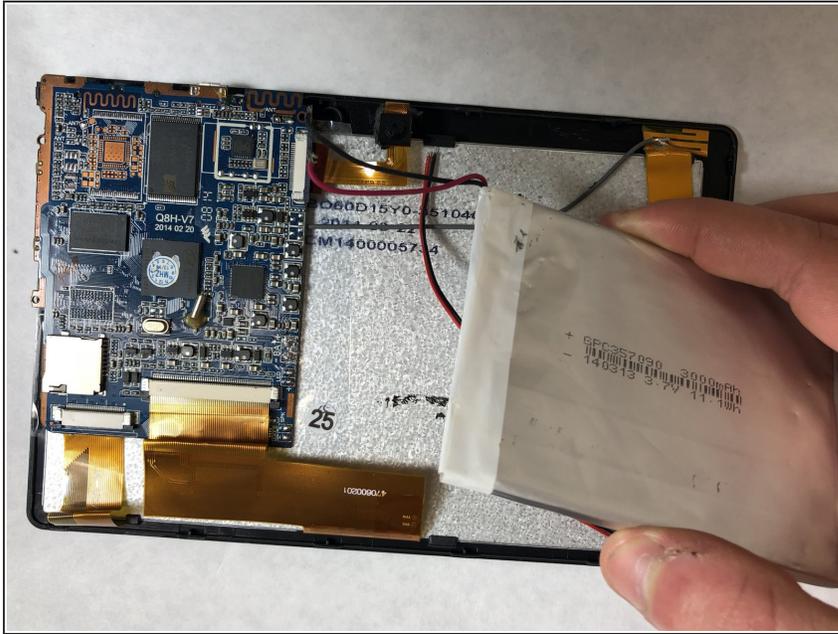
- Take your plastic flat head tool and insert it under the battery.
- Lift the battery up.
- Make sure to remove any tape from the battery.

Step 4



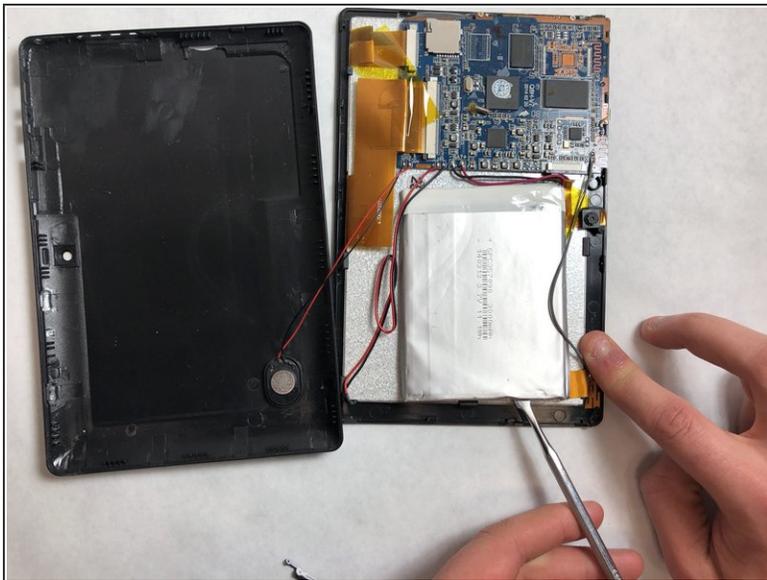
- Use a soldering iron to remove the solder that connects the black and red wires of the battery to the motherboard.
- Keep the wires of the battery taut.
- The iron should only be pressed to the solder for 2-3 seconds max.
- ⚠ Be very careful, the soldering iron will be very hot!
- Visit this link for information about soldering. [How To Solder and Desolder Connections](#)

Step 5



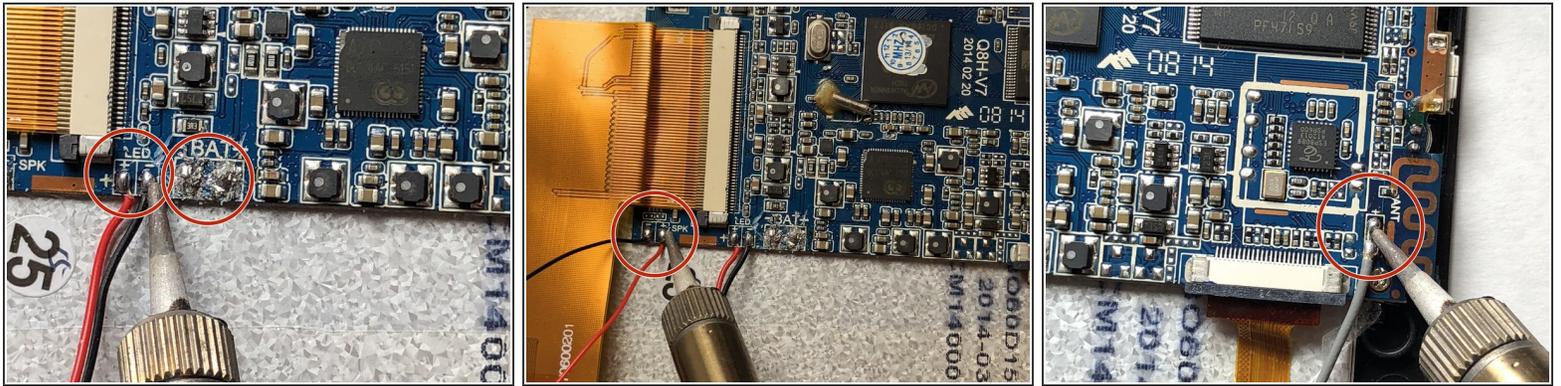
- Remove your old battery and replace it with the new battery.

Step 6 — Motherboard



- ⓘ There are two thin adhesive strips under the battery that run vertically along the left and right side.
 - Carefully wedge a plastic card or spudger under the battery and along both adhesive strips. Gently work the card or spudger up and down to free the battery.
- ⚠ Do not use metal tools, and do not bend or puncture the battery.

Step 7

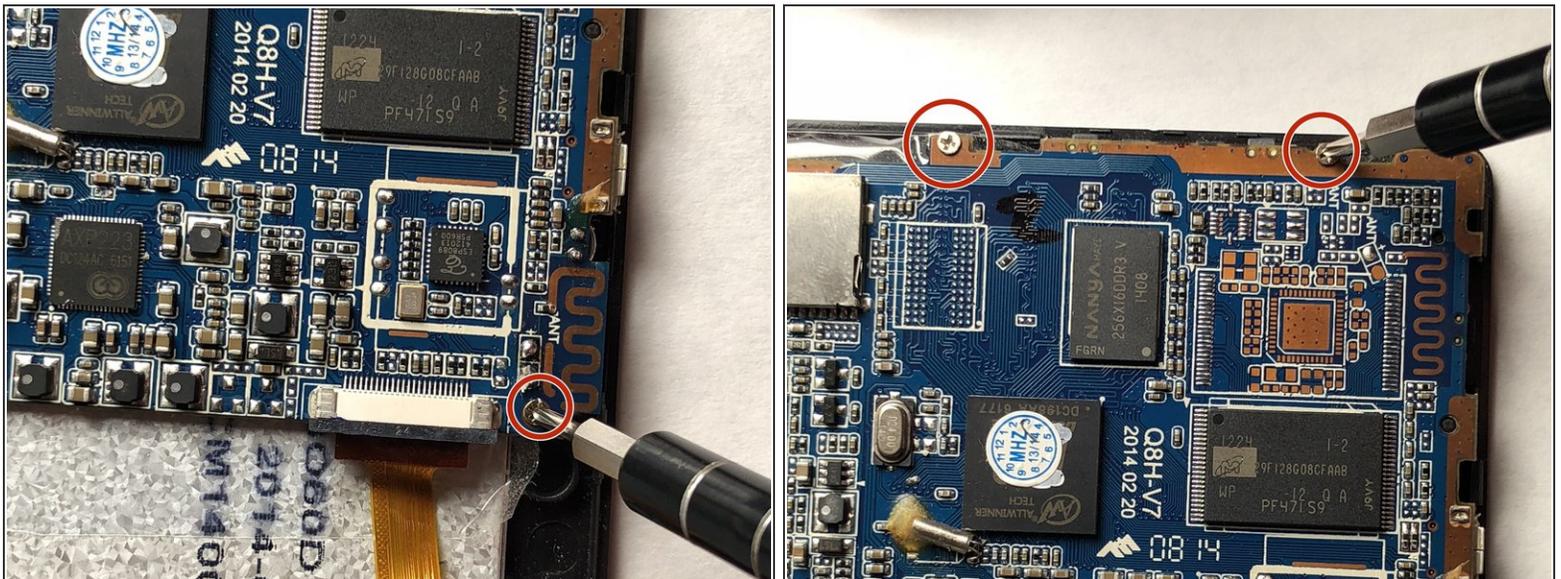


⚠ WARNING: SOLDERING IRONS BECOME EXTREMELY HOT. DO NOT TOUCH

i For information on soldering and desoldering, check [this](#) link.

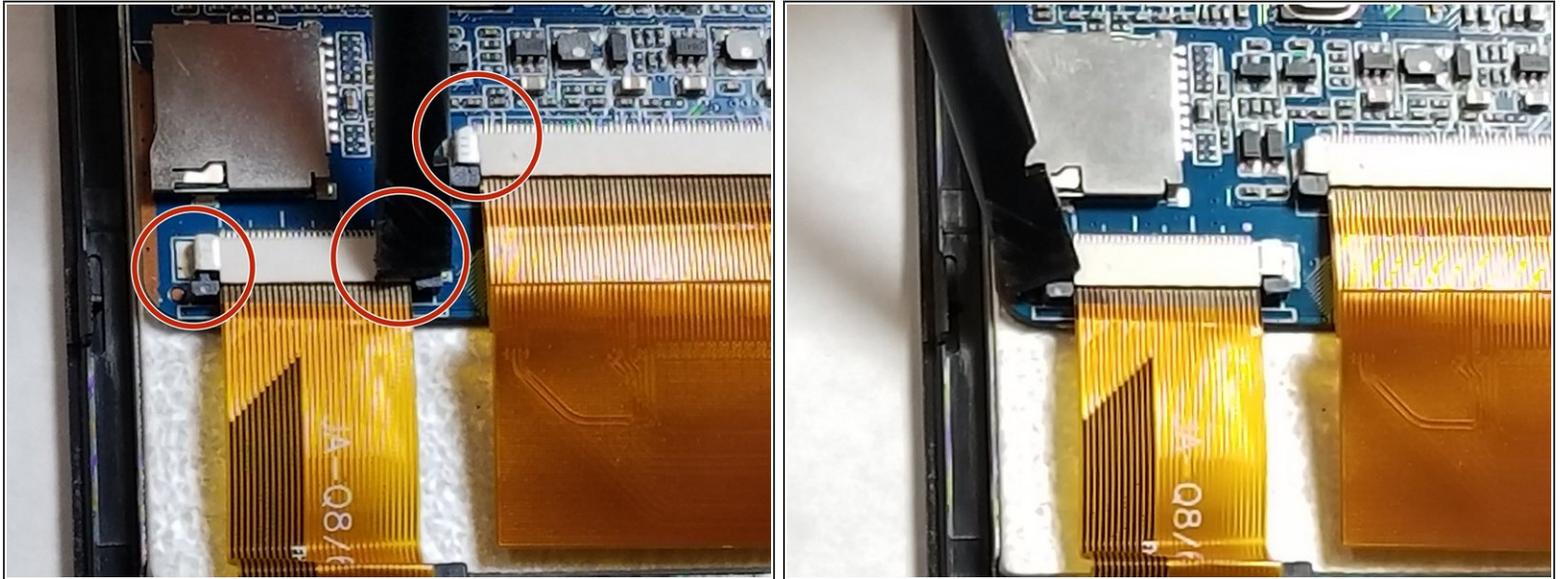
- You must desolder several sets of contacts before attempting to remove the motherboard.
- You must desolder the BAT (battery), LED, SPK (speaker), and ANT (antenna) contacts.

Step 8



- Unscrew the motherboard from the screen with the JIS #000 Screwdriver, a Phillips-head type screwdriver

Step 9



- Use a plastic spudger to push the tab, releasing the motherboard from the screen. You can now remove the old motherboard.
- You will not need a metal spudger in order to re-place the motherboard

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