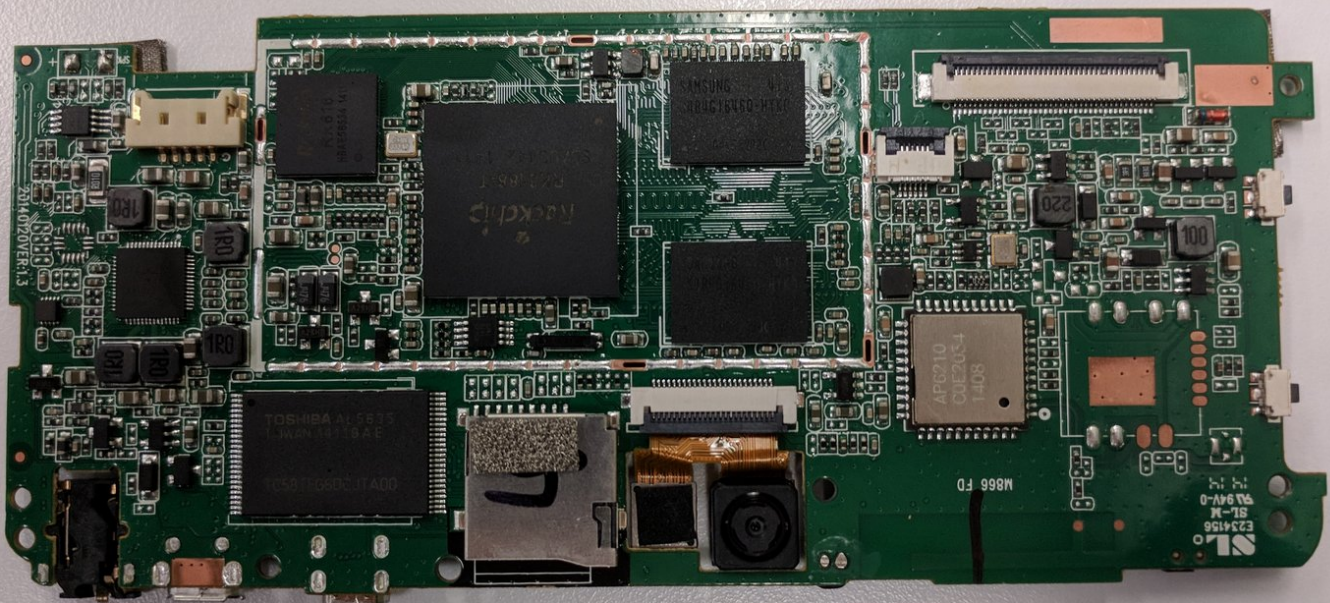




iDeaUSA CT8 Motherboard Replacement

This guide will show the user how to remove and replace the motherboard for the CT8.

Written By: Daniel Sevilla



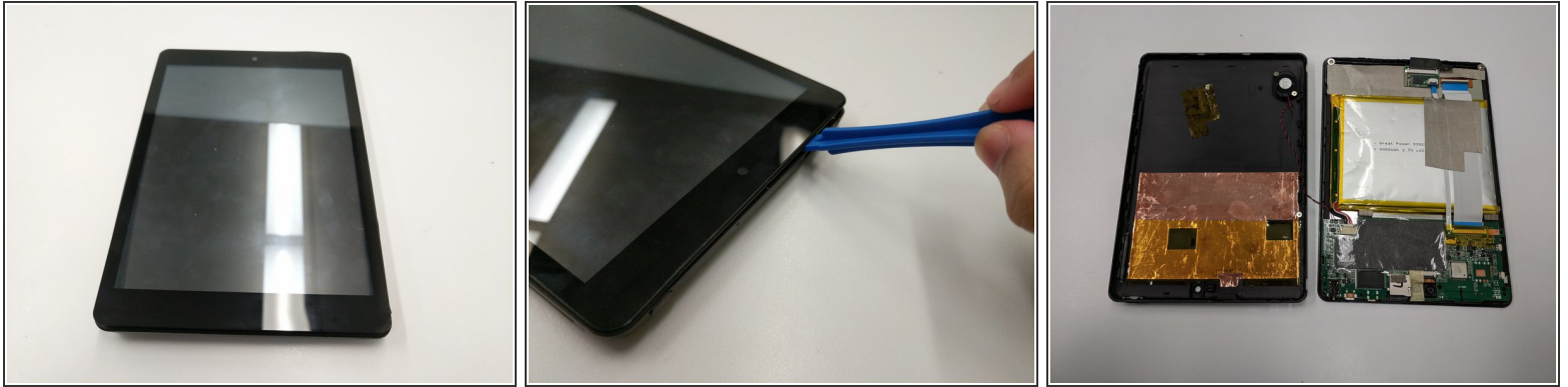
INTRODUCTION

In cases where the device is not responding, this guide will help you replace the motherboard.

TOOLS:

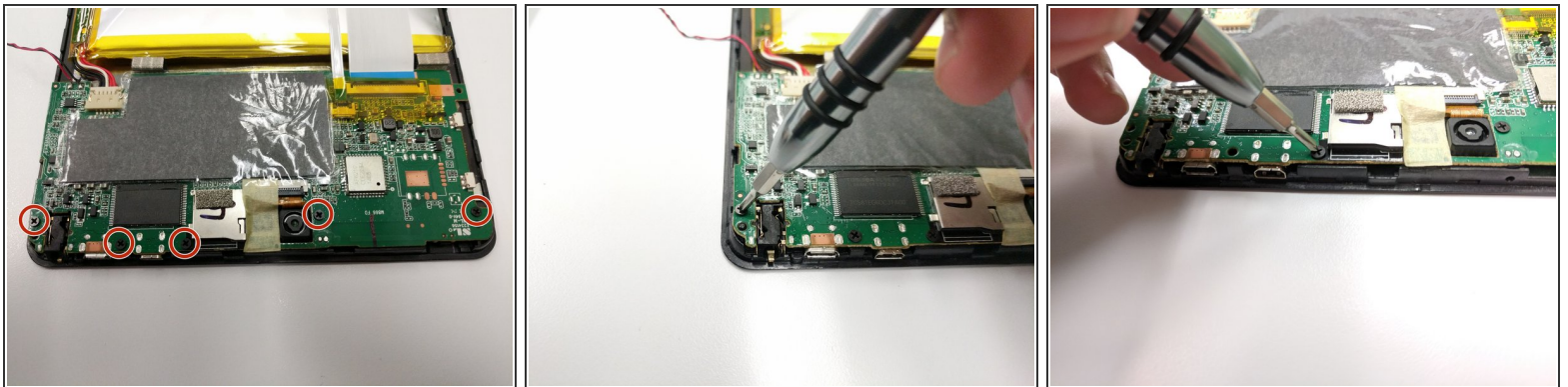
- [Phillips #00 Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [Tweezers](#) (1)
 - [Soldering Workstation](#) (1)
-

Step 1 — Motherboard



- Place the tablet on a flat surface, facing upwards.
- Starting from the portholes, use the plastic opening tools to remove the back cover of the tablet from the top half.
- Being cautious of the wire connecting the speaker and the motherboard, place the front and back portion of the tablet close in proximity.

Step 2



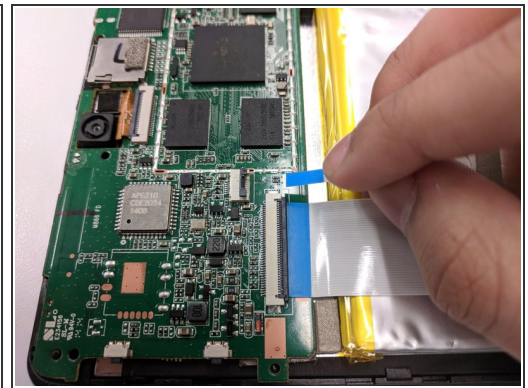
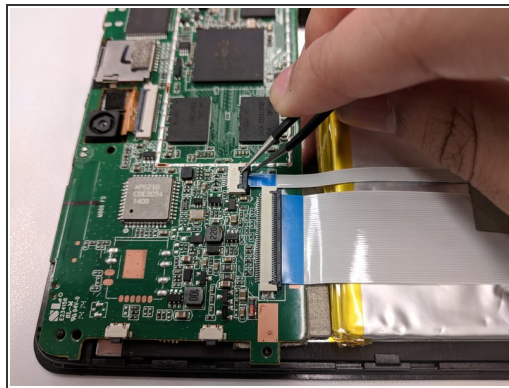
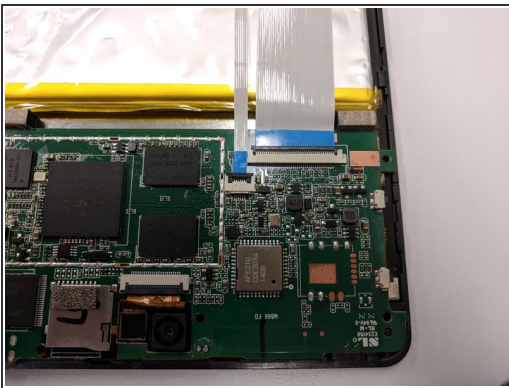
- Locate the five 3.5 mm black screws on the motherboard.
- Use the #00 Phillips screwdriver to remove the screws, place them in an appropriate location.

Step 3



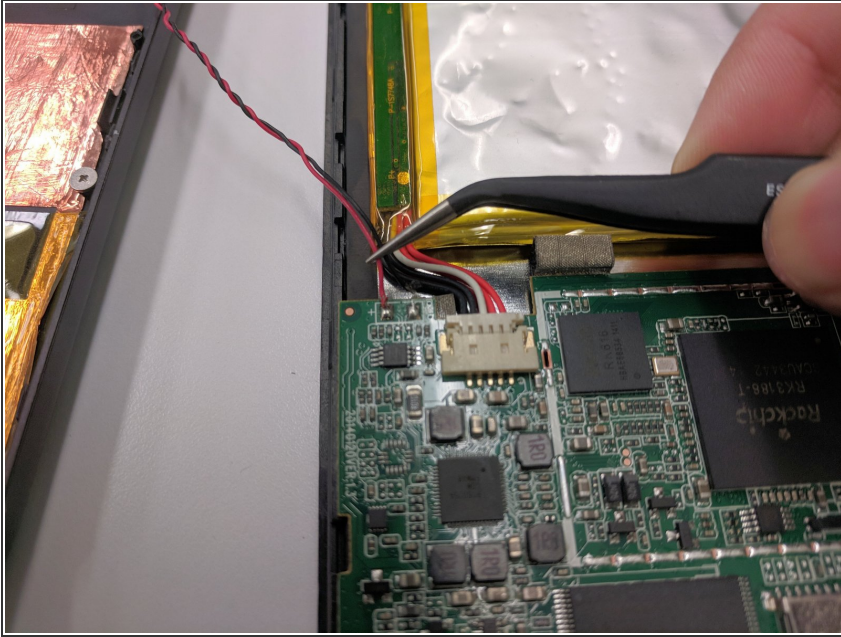
- Carefully peel off the tape covering the circuit boards and blue ribbons. The tape can be disposed or saved for reuse.

Step 4



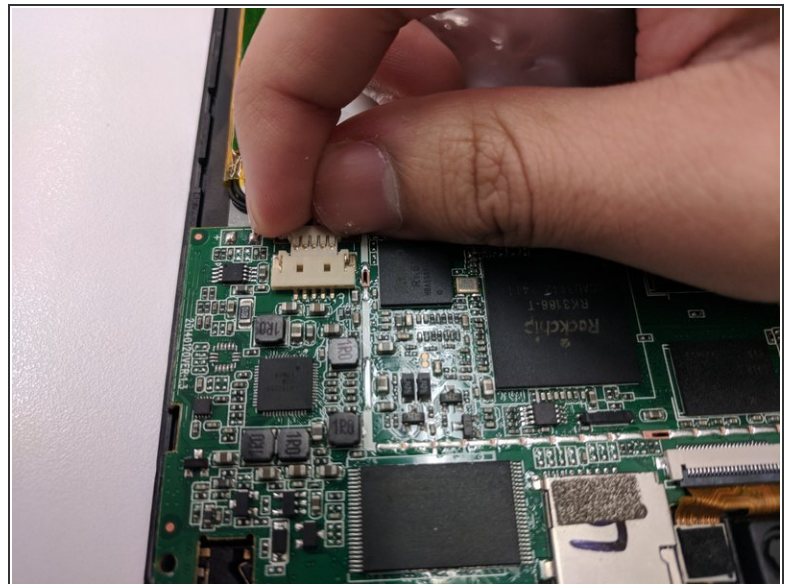
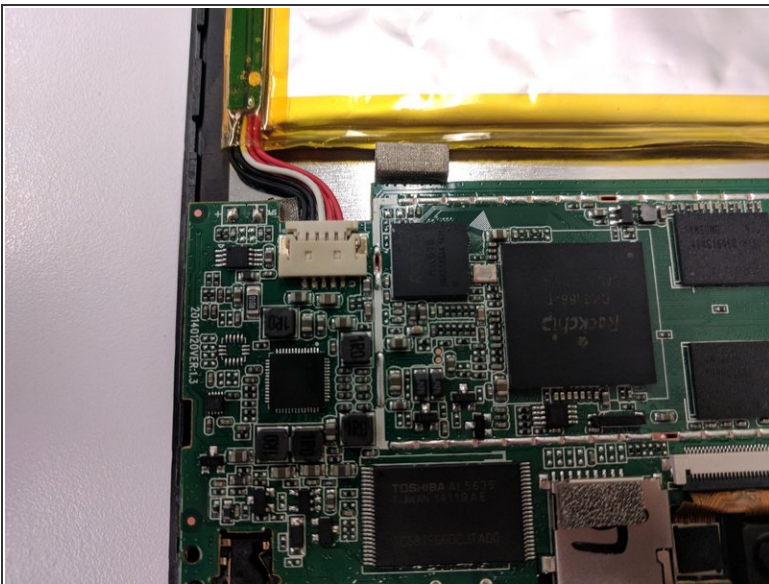
- After removing the tape, two blue ribbon wires can now be accessed. To disconnect, gently lift up the plastic ZIF tabs covering the wires.
- Upon lifting the tab, the ribbons can now be safely pulled out of their connections.
- ⓘ To avoid breaking or damaging the plastic ZIF tabs, it is recommended to use tweezers.


Step 5



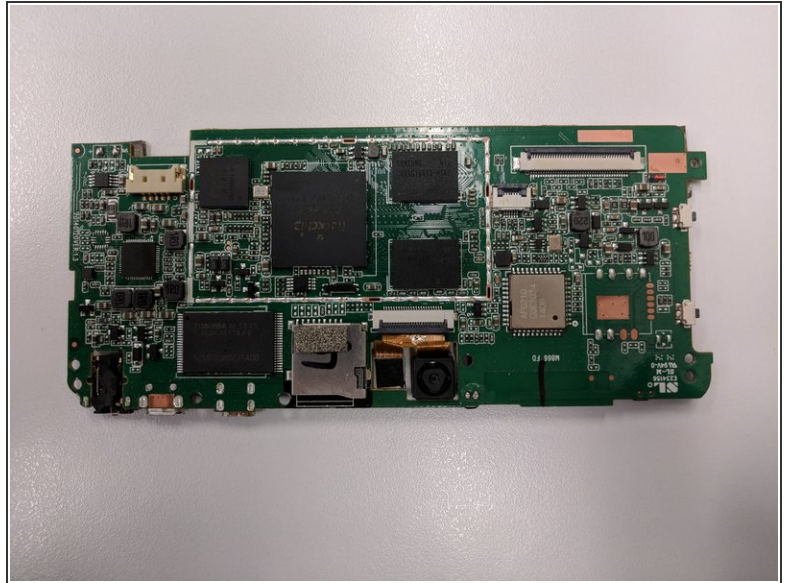
- Locate the two wires connecting the speaker to the motherboard.
- Use a soldering iron to desolder the red and black wires from their sockets.
- ☒ Solder the speaker wires back in place during reassembly.

Step 6



- Disconnect the wires connecting the battery to the motherboard.
-  Start from the sides and gently wiggle the connection out until it;s loose enough to pull.

Step 7



- Pull out and free the motherboard from its position.

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