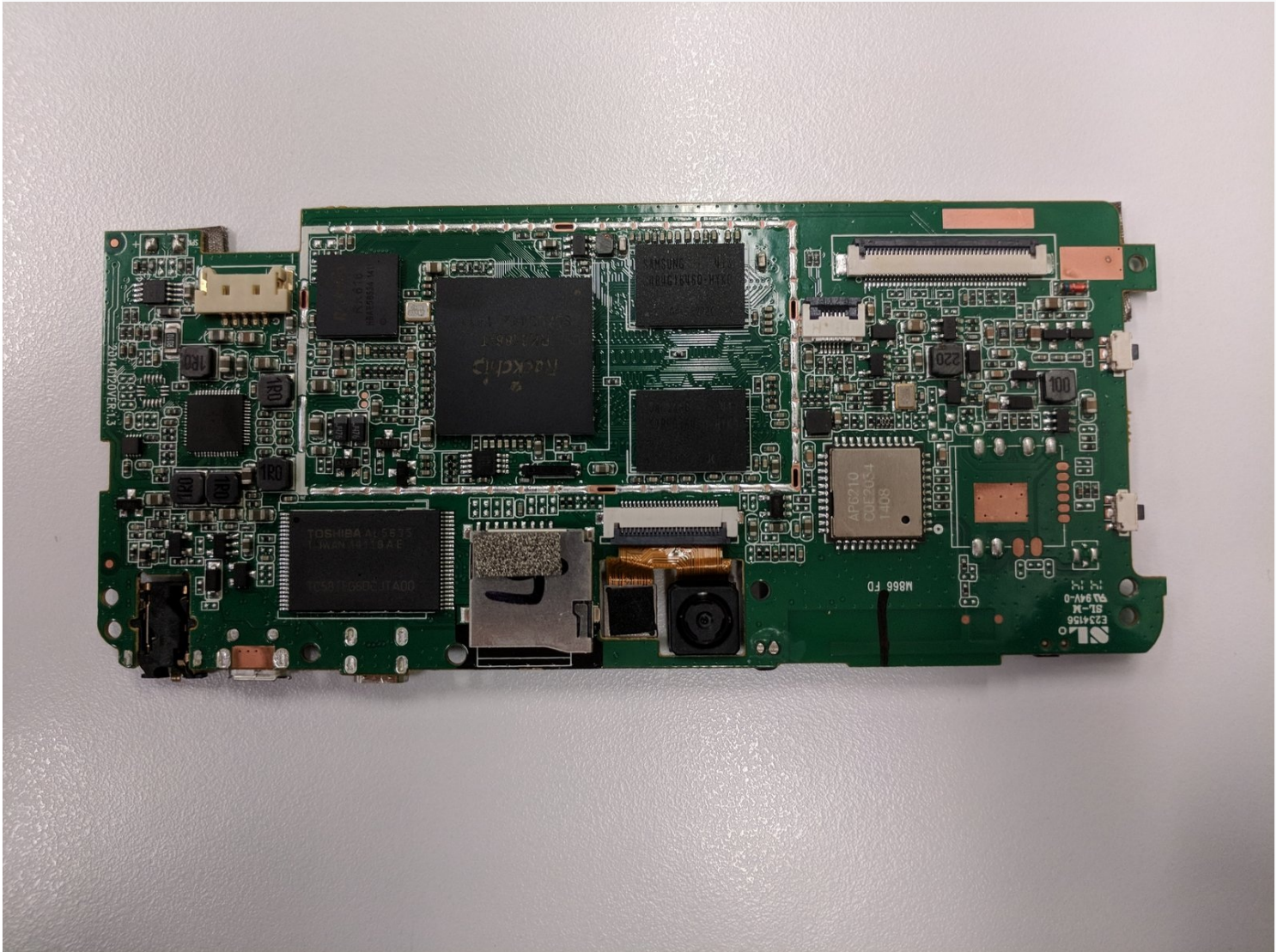




# iDeaUSA CT8 Motherboard Replacement

In cases where the device is not responding,...

Written By: Daniel Sevilla



# INTRODUCTION

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

## TOOLS:

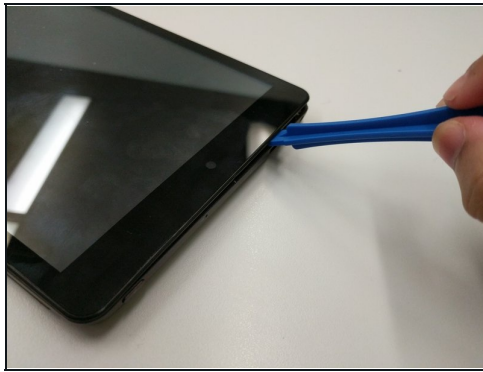
[Phillips #00 Screwdriver](#) (1)

[iFixit Opening Tool](#) (1)

[Tweezers](#) (1)

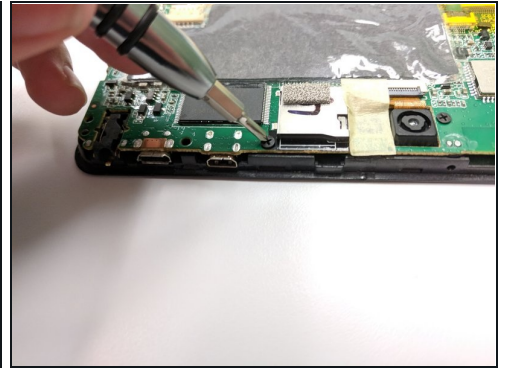
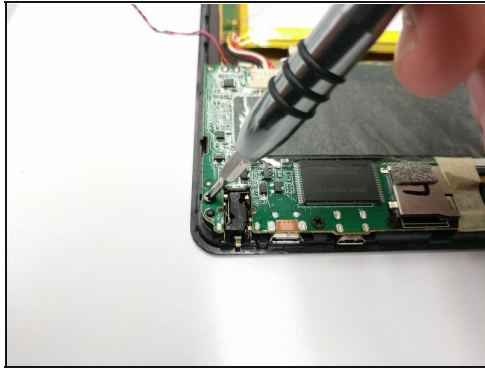
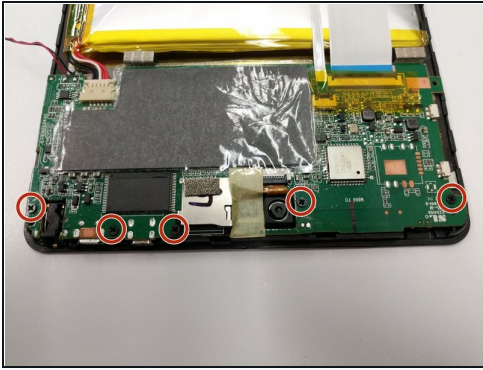
[Soldering Workstation](#) (1)

## Step 1 — Motherboard



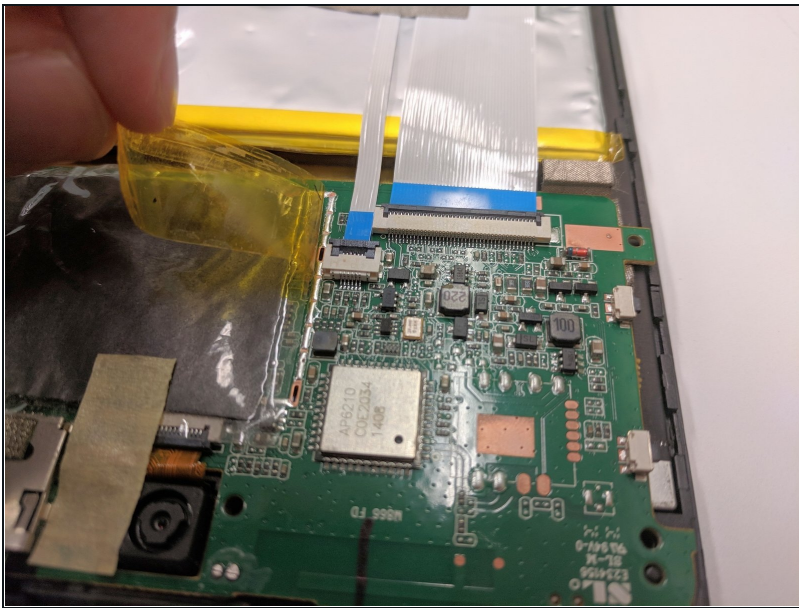
- Place the tablet on a flat surface, facing upwards.
- Starting from the portholes, use the plastic opening tools to remove the back cover of the tablet from the top half.
- Being cautious of the wire connecting the speaker and the motherboard, place the front and back portion of the tablet close in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

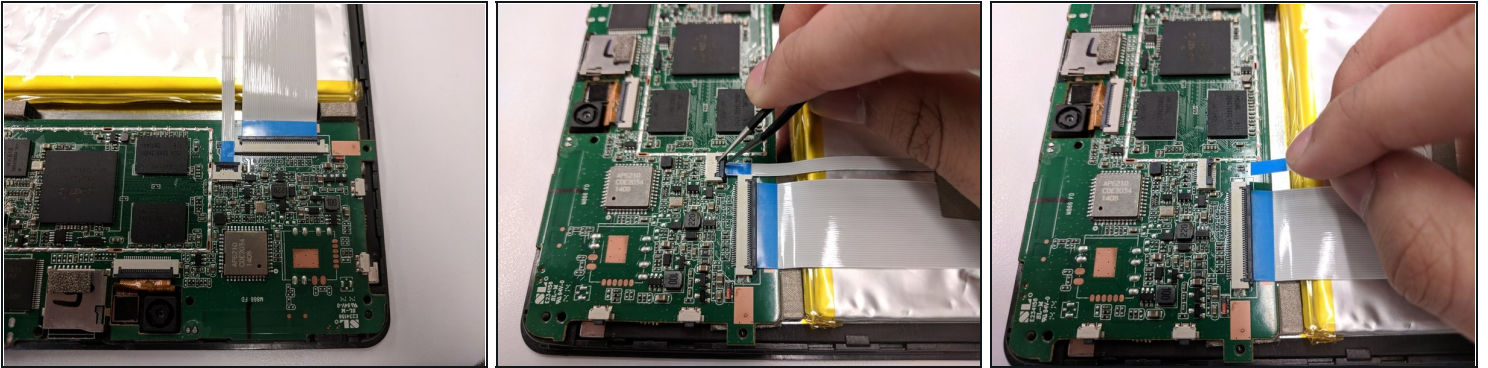
## Step 3



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

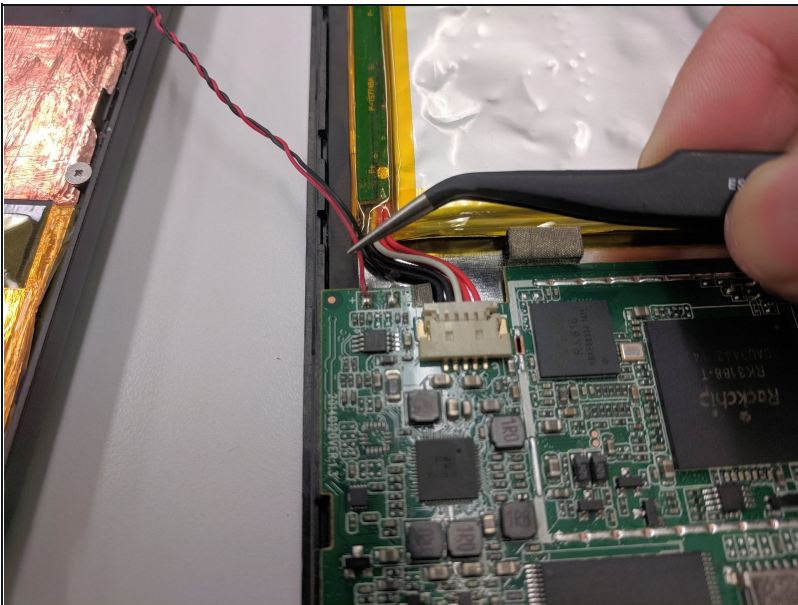


## Step 4



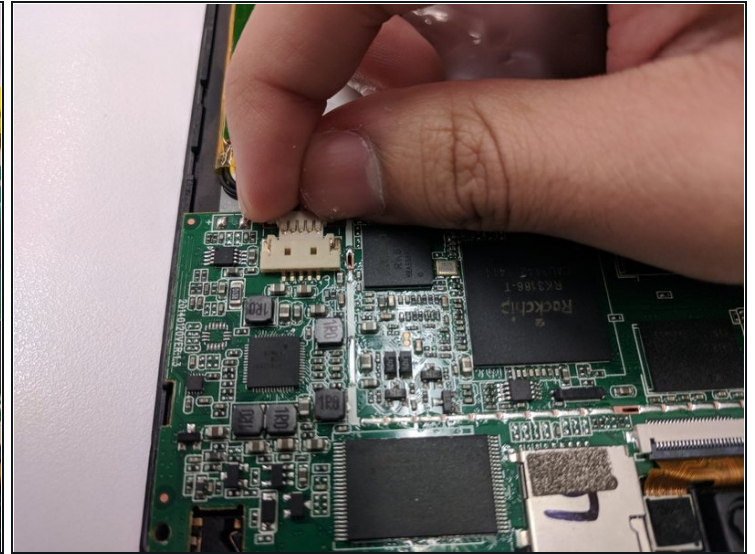
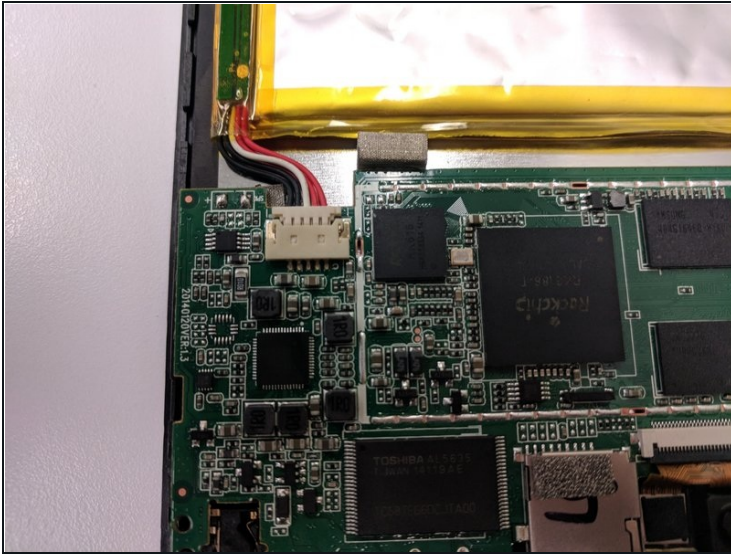
- After removing the tape, two blue ribbon wires can now be accessed. To disconnect, gently lift up the plastic ZIF tabs covering the wires.
- Upon lifting the tab, the ribbons can now be safely pulled out of their connections.
- ① To avoid breaking or damaging the plastic ZIF tabs, it is recommended to use [tweezers](#).

## Step 5



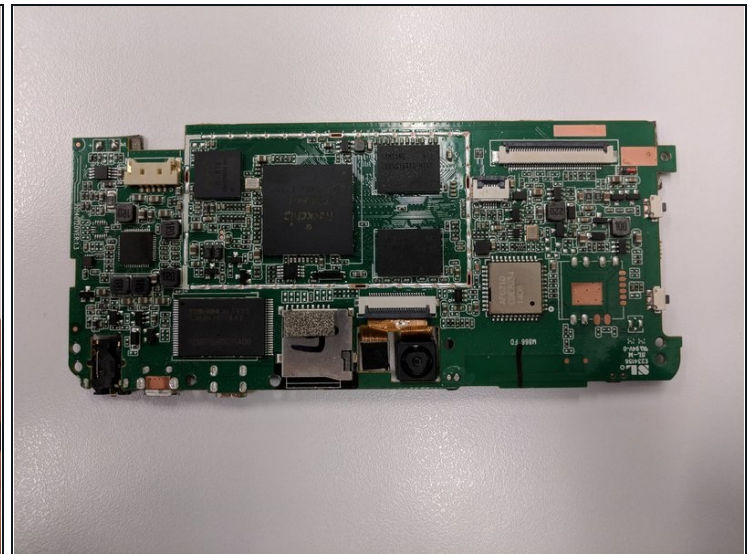
- Locate the two wires connecting the speaker to the motherboard.
- Use a soldering iron to desolder the red and black wires from their sockets.
- ☑ Solder the speaker wires back in place during reassembly.

## Step 6



- Disconnect the wires connecting the battery to the motherboard.
- ① 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.