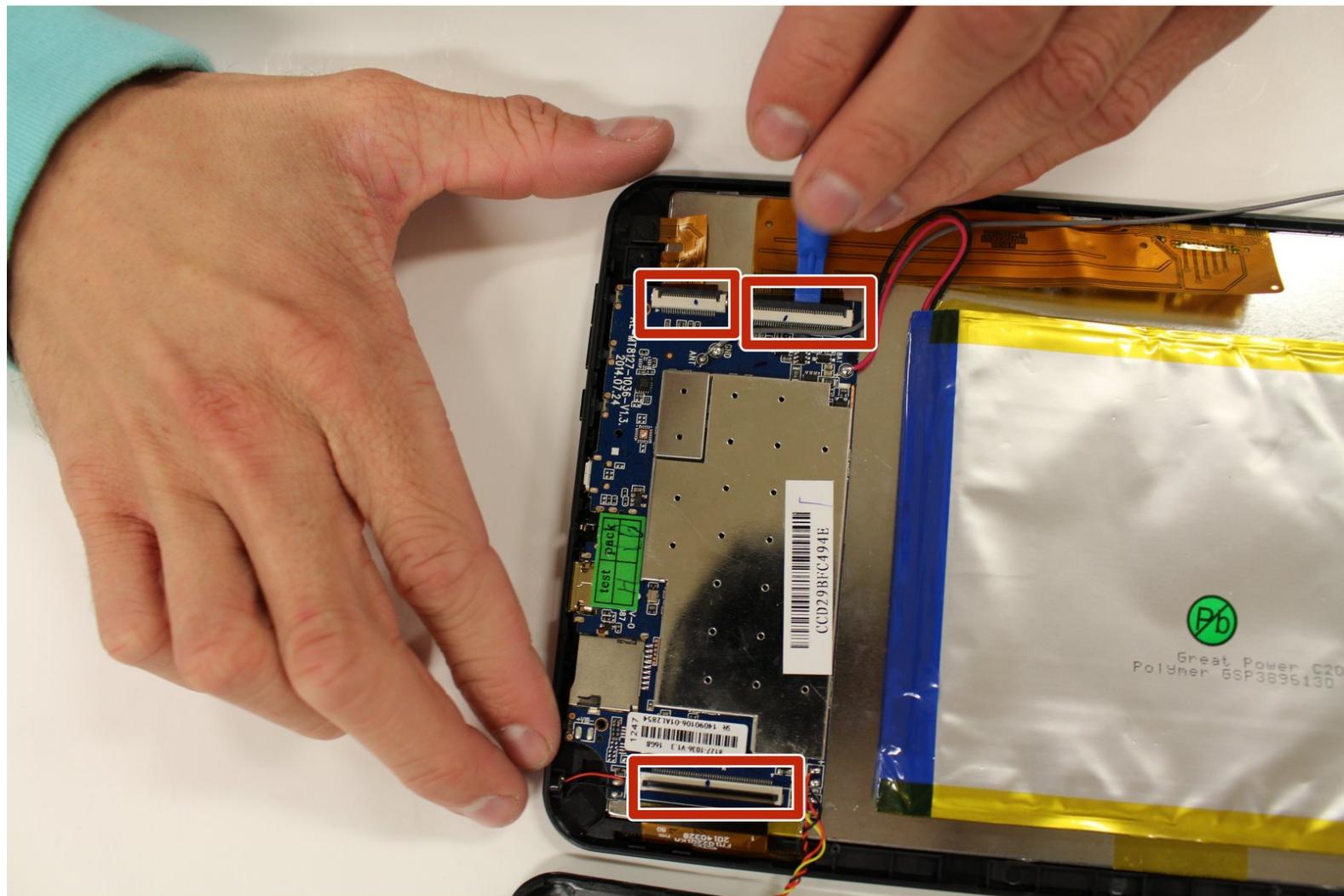




# DigiLand DL1010Q Motherboard Replacement

This guide is to remove the motherboard

Written By: Tyler Rise



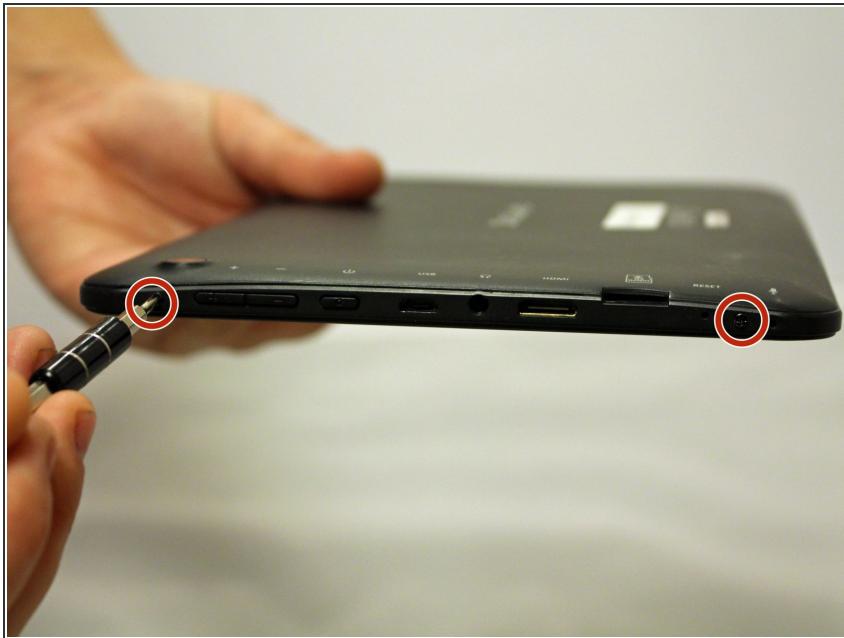
## INTRODUCTION

Replacing the circuit board can also be used as a way to fix broken ports.

### TOOLS:

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

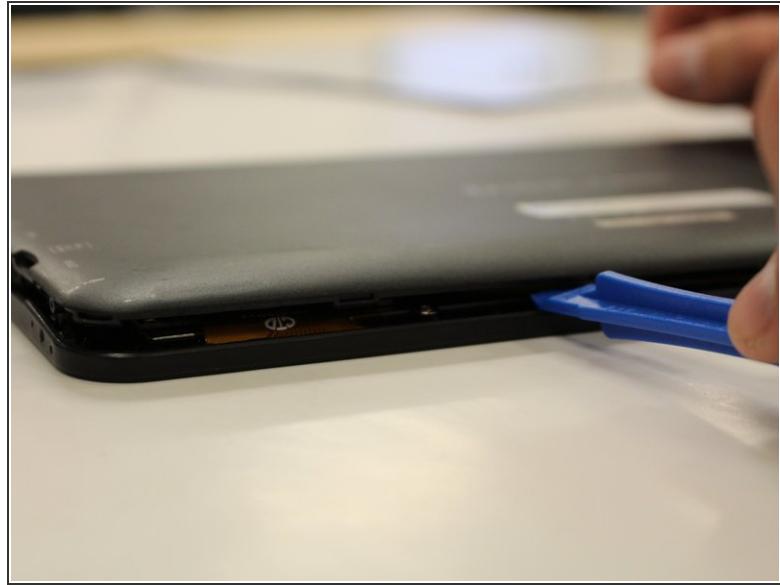
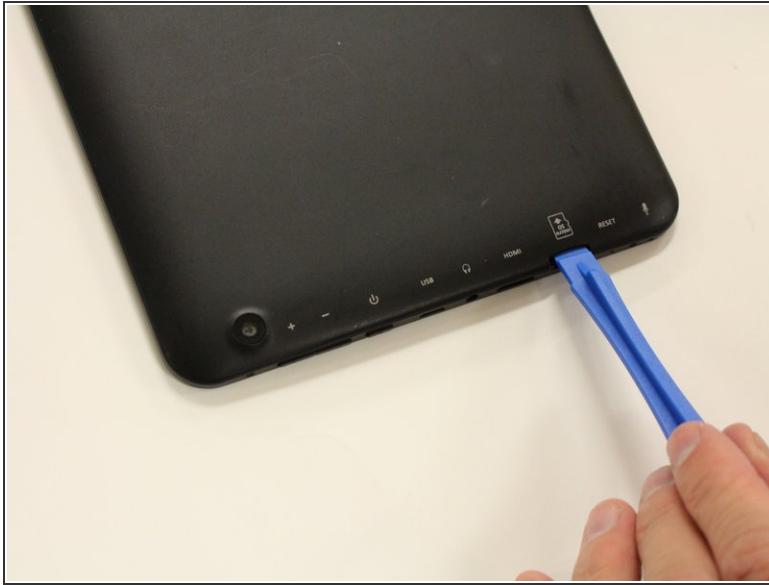
## Step 1 — Rear Case



- With a J00 Philips head screwdriver, unscrew the two 4mm black screws located at the bottom of the device.

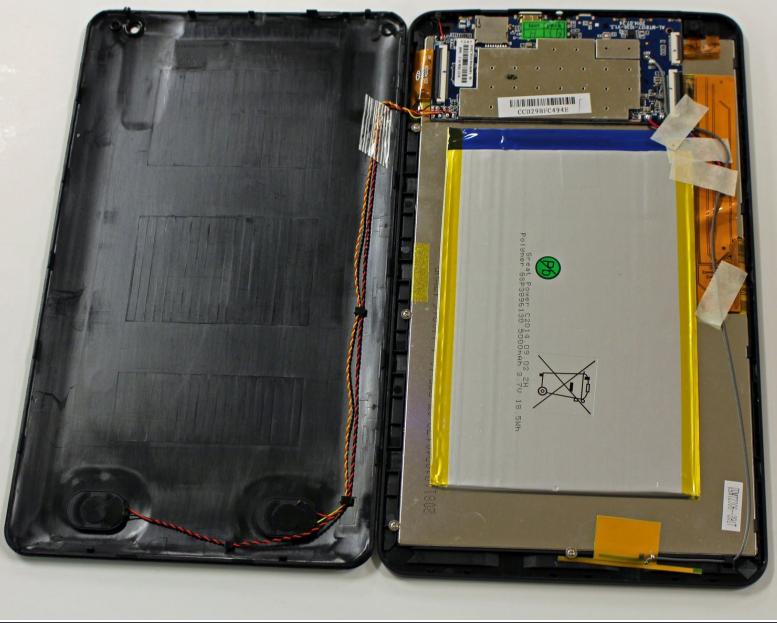
 Before disassembling your device, be sure it is powered off.

## Step 2



- Using a plastic opening tool, begin softly prying open device by first inserting it in between the front and back panels.
- Continue prying the edges while moving around the device's perimeter until the back can be easily removed.

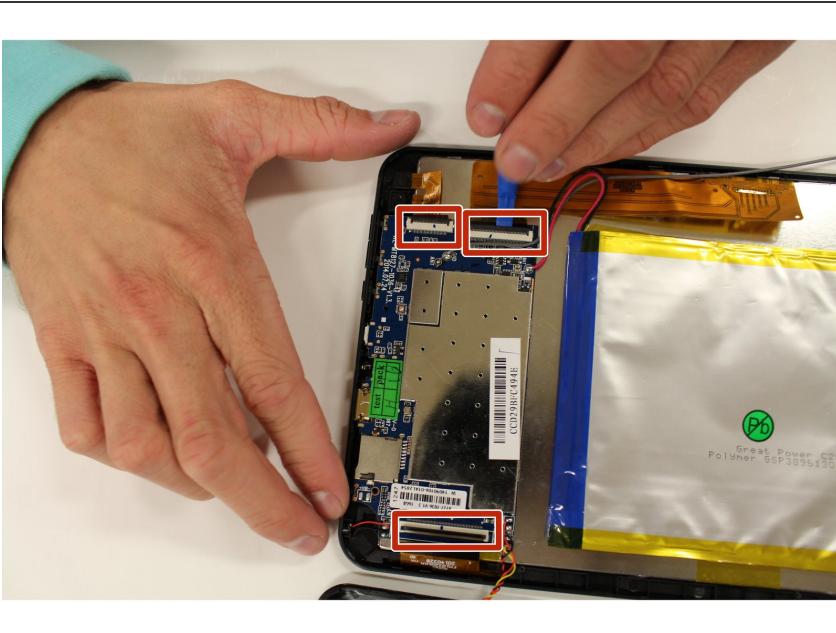
## Step 3



- Carefully lift back panel away from the body of the device.

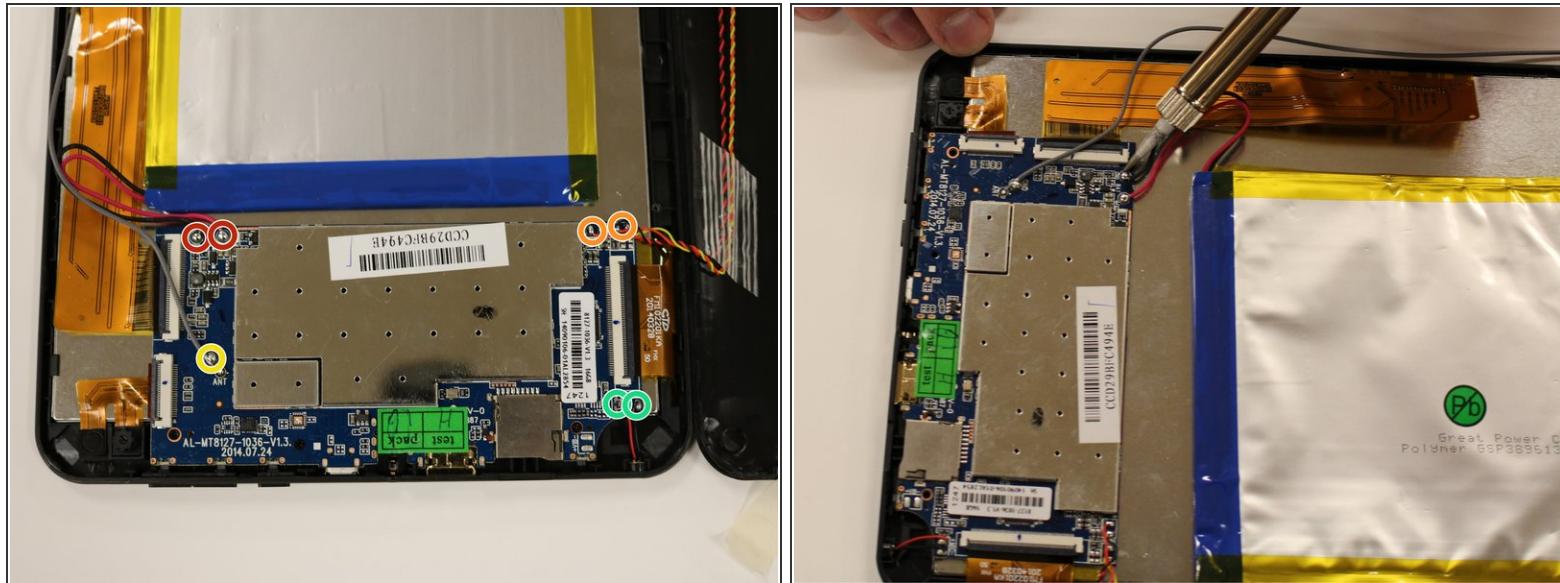
**⚠** Speaker wires are connected to both the front and back panel.

## Step 4 — Motherboard



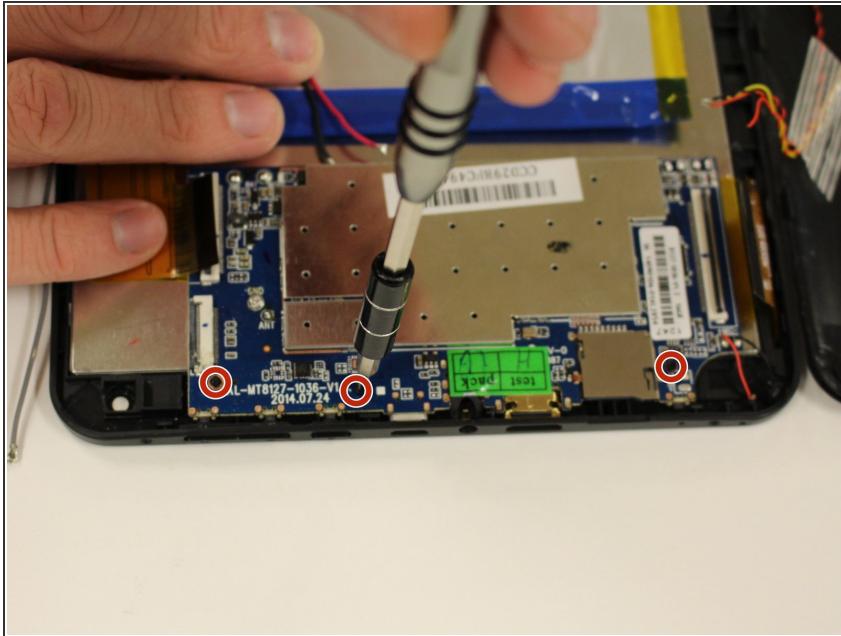
- Using a plastic opening tool, gently pry up the three Zero Insertion Force Connectors (ZIF)

## Step 5



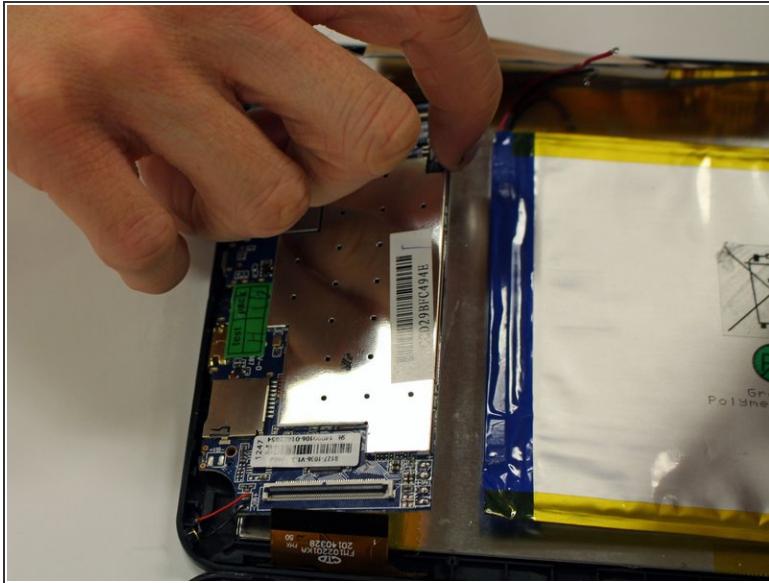
- Using a Soldering station, desolder all 9 wires connected to the motherboard.
- Start with the red and black positive and negative wires connected to the battery (2 wires).
- Then move to the yellow and red twisted wires and black and red twisted wires connected to the speakers (4 wires).
- Now desolder the single grey wire connected to the antenna (1 wire).
- Lastly remove the black and red wires connected to the microphone (2 wires).

## Step 6



- Using a J00 Philips screwdriver, unscrew the three black 4mm screws from the motherboard.

## Step 7



- Carefully lift motherboard in a upward motion.

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