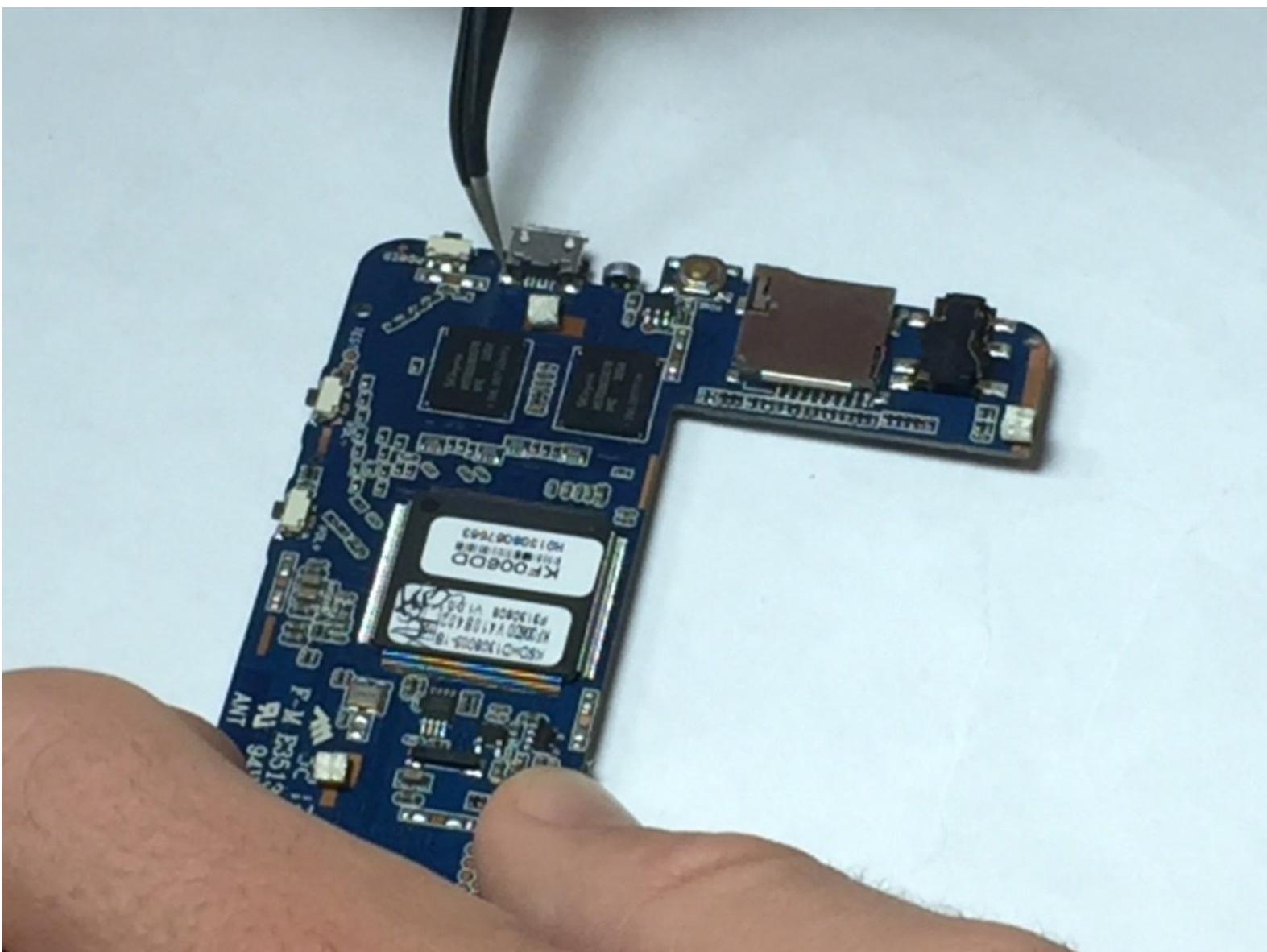




# Polaroid PMID4312 Charging Port Replacement

This guide will show you how to replace the charging port.

Written By: Christopher Bertan



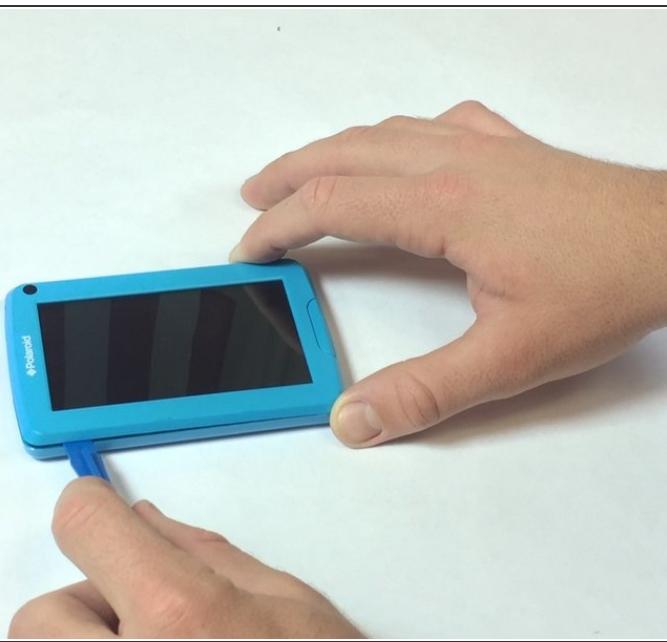
## INTRODUCTION

Charging port is very important for every device. If you don't fix it on time, the device won't turn on anymore.

### TOOLS:

- Plastic Cards (1)
- Phillips #00 Screwdriver (1)
- Tweezers (1)
- Soldering Iron (1)
- iFixit Opening Tools (1)

## Step 1 — Battery



- Pry the seam between the screen and the case and slide it on all four sides with a large plastic opening tool until the plastic case comes off.

## Step 2



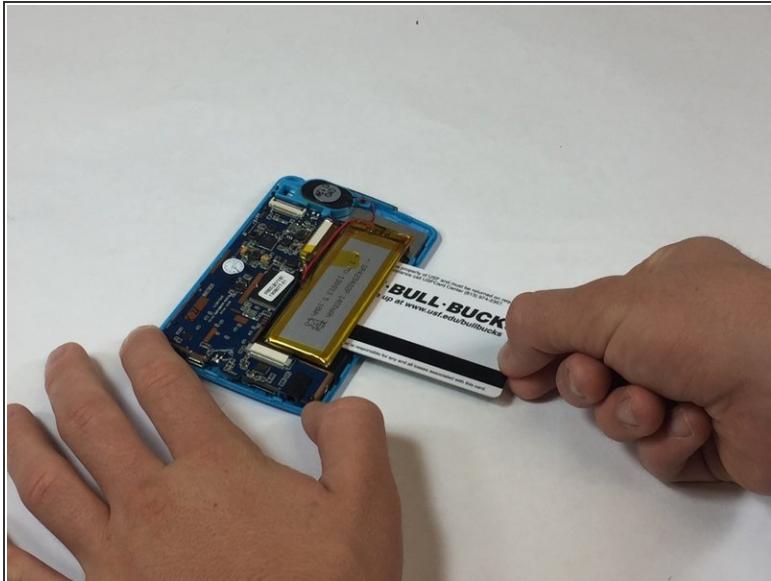
- Lift the device off of the case and flip over the device so that it sits screen side down.

## Step 3



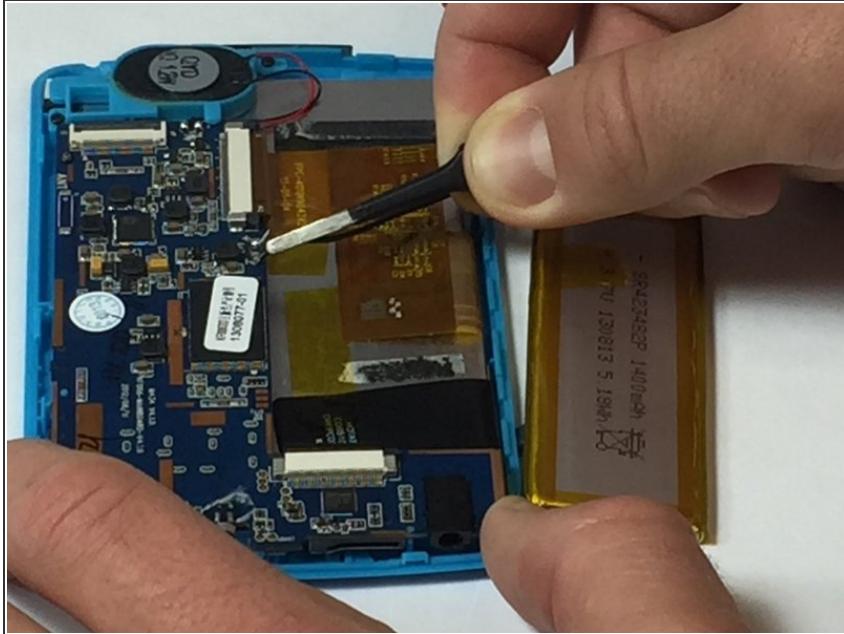
- The device is now free from the plastic case.

## Step 4



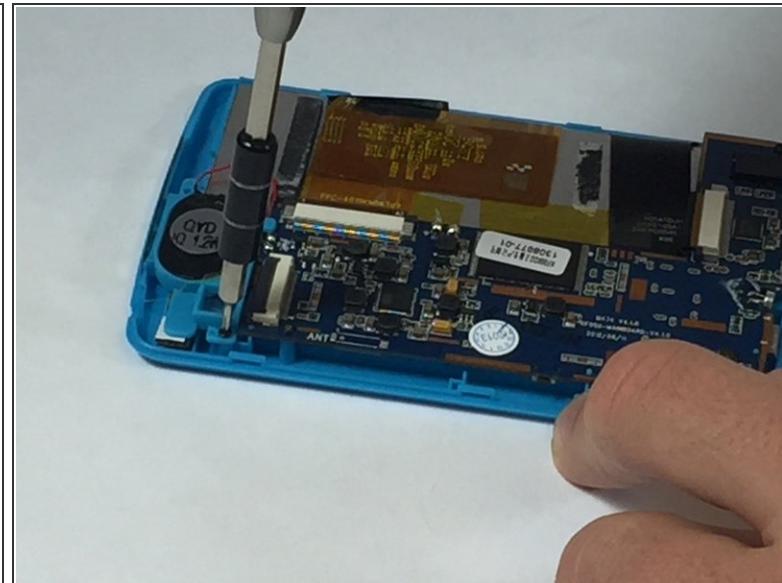
- Wedge a plastic card beneath the battery unit and wiggle the card side to side and up and down gently until the glue sealing the battery to the device is broken.

## Step 5



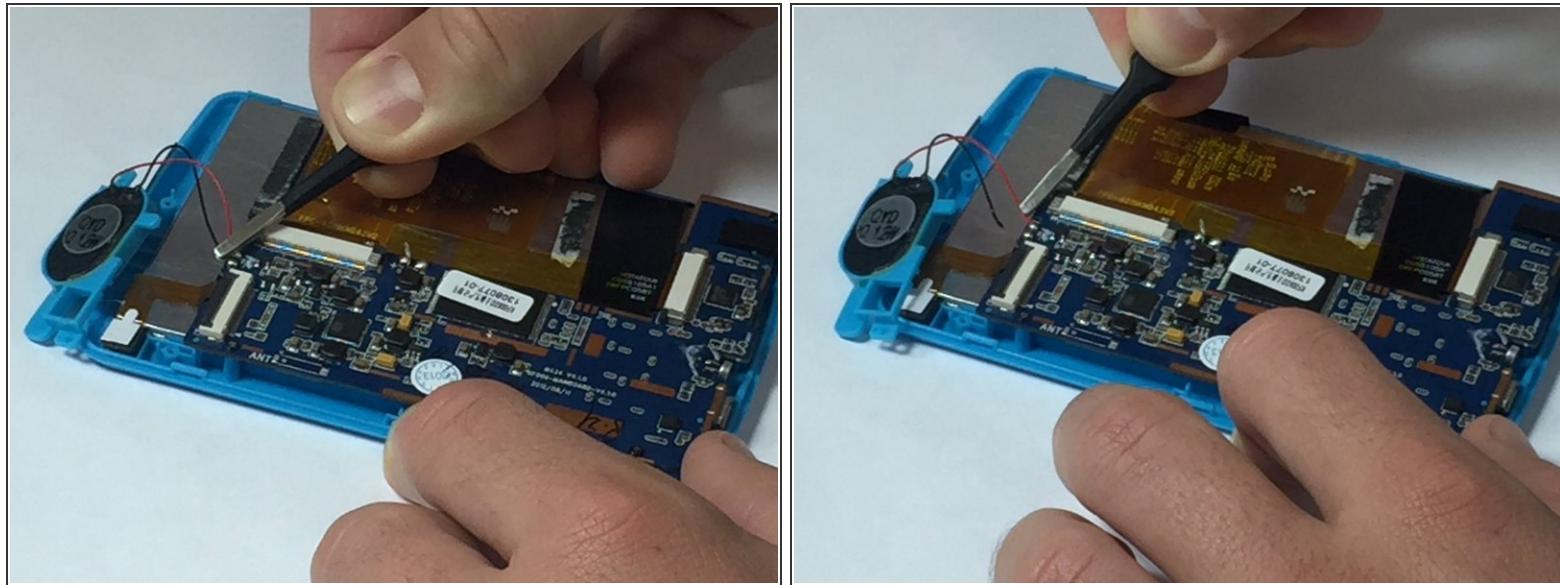
- Peel back any yellow tape not directly attached to the battery.
- Using a soldering iron, desolder the two wires that connect the battery to the motherboard.

## Step 6 — Speaker



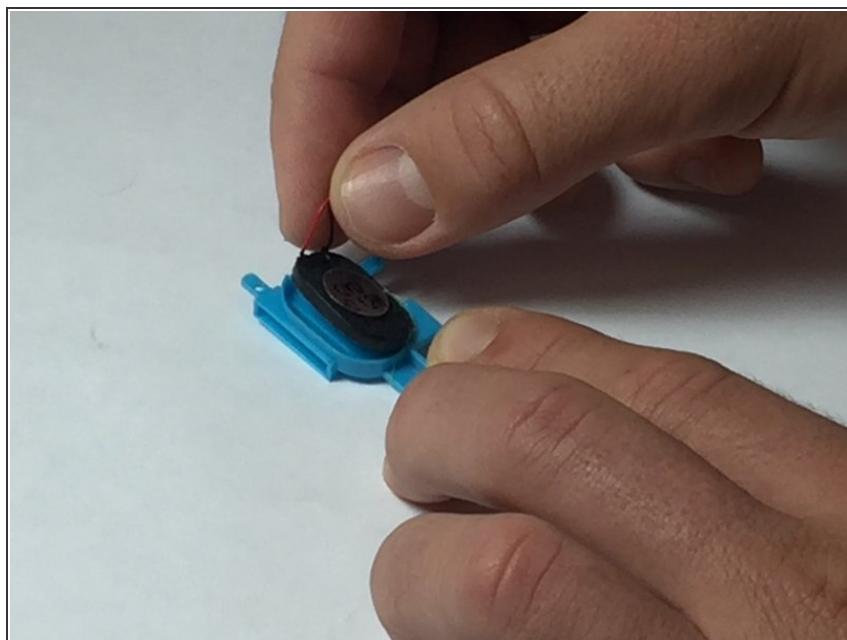
- Remove the two 5mm screws attached to the top right and bottom left corners of the speaker

## Step 7



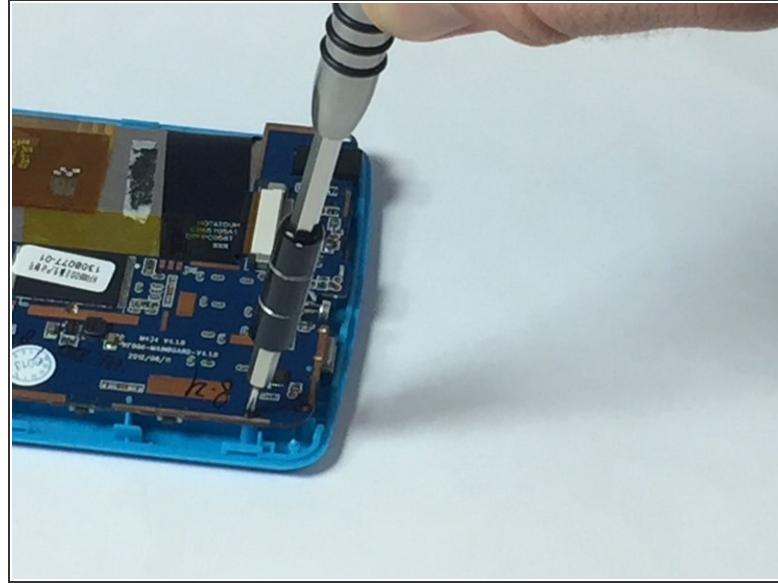
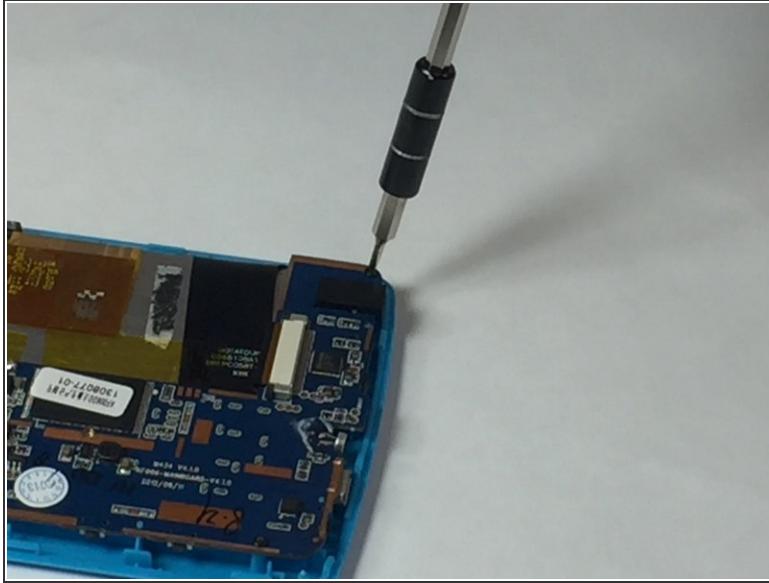
- Solder off the wires connecting the speaker to the device

## Step 8



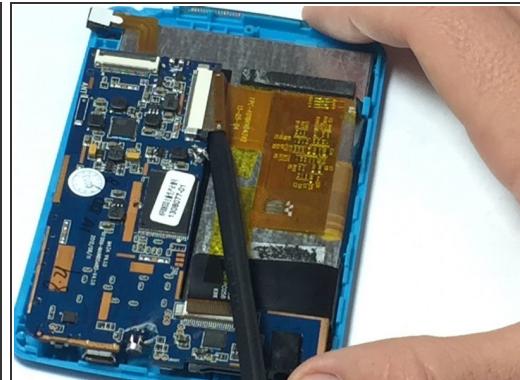
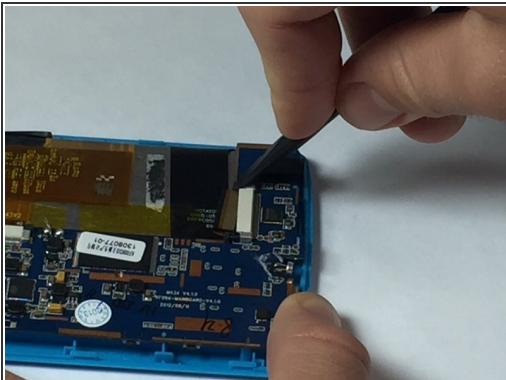
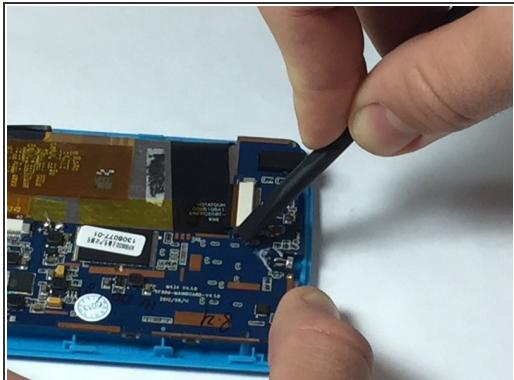
- Pull the speaker out of the casing to release it.

## Step 9 — Motherboard



- Using the ph#00 screwdriver, remove the four 5mm screws connecting the motherboard to the casing.

## Step 10

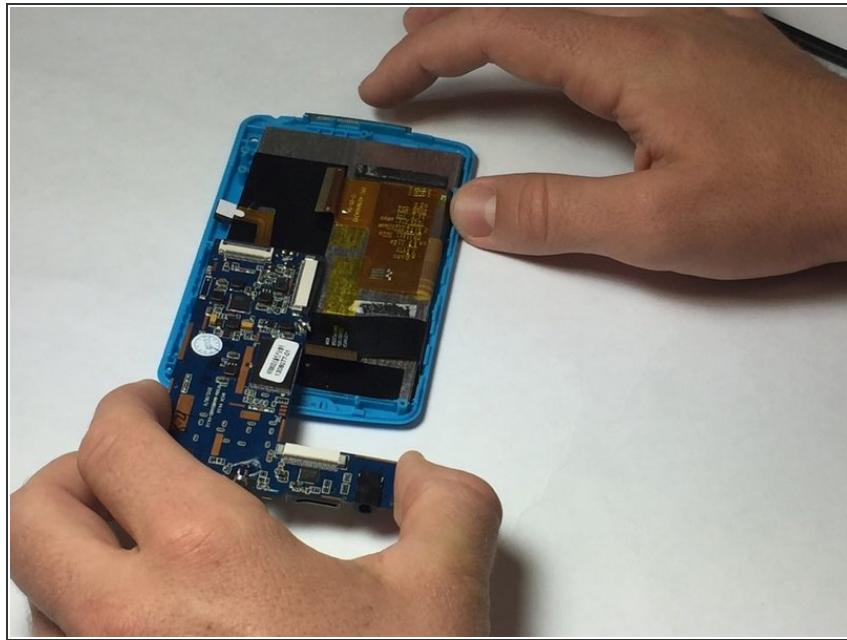


- Using a spudger or a fingernail, detach the two ribbons from the motherboard by pushing the plastic tab away from the Zero Insertion Force connectors.

**ⓘ** As the name implies, no force is needed to plug in or remove the cable.

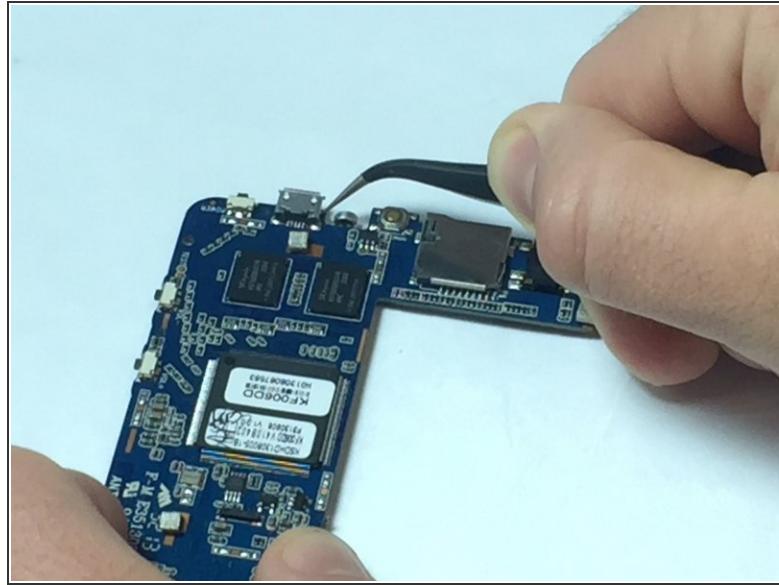
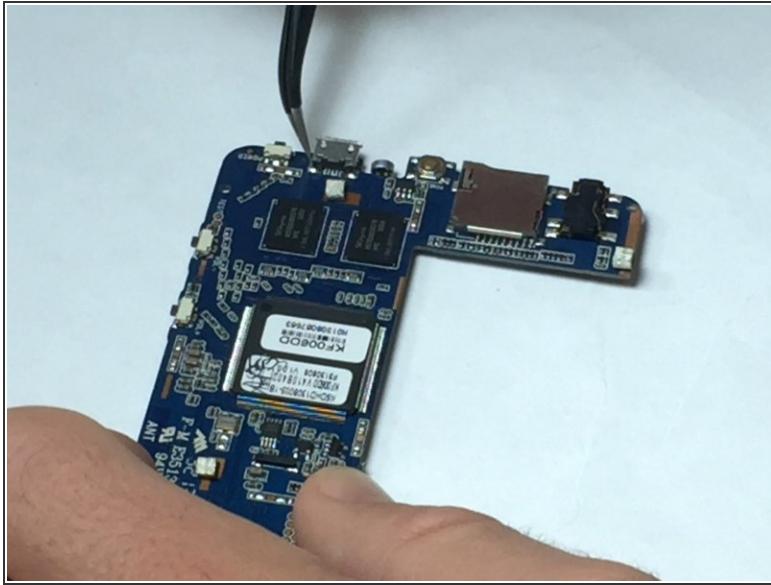
**⚠** Be sure you are prying the plastic tabs connected tab and not the connector itself.

## Step 11



- Now carefully remove the motherboard.

## Step 12 — Charging port



- Desolder each side of the USB port where it is attached to the motherboard.
- The USB port will now be loosened from the motherboard.
- Using tweezers, pull the USB port straight out from the motherboard without wiggling it up, down, or side to side.
- The USB port is now replaceable.

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