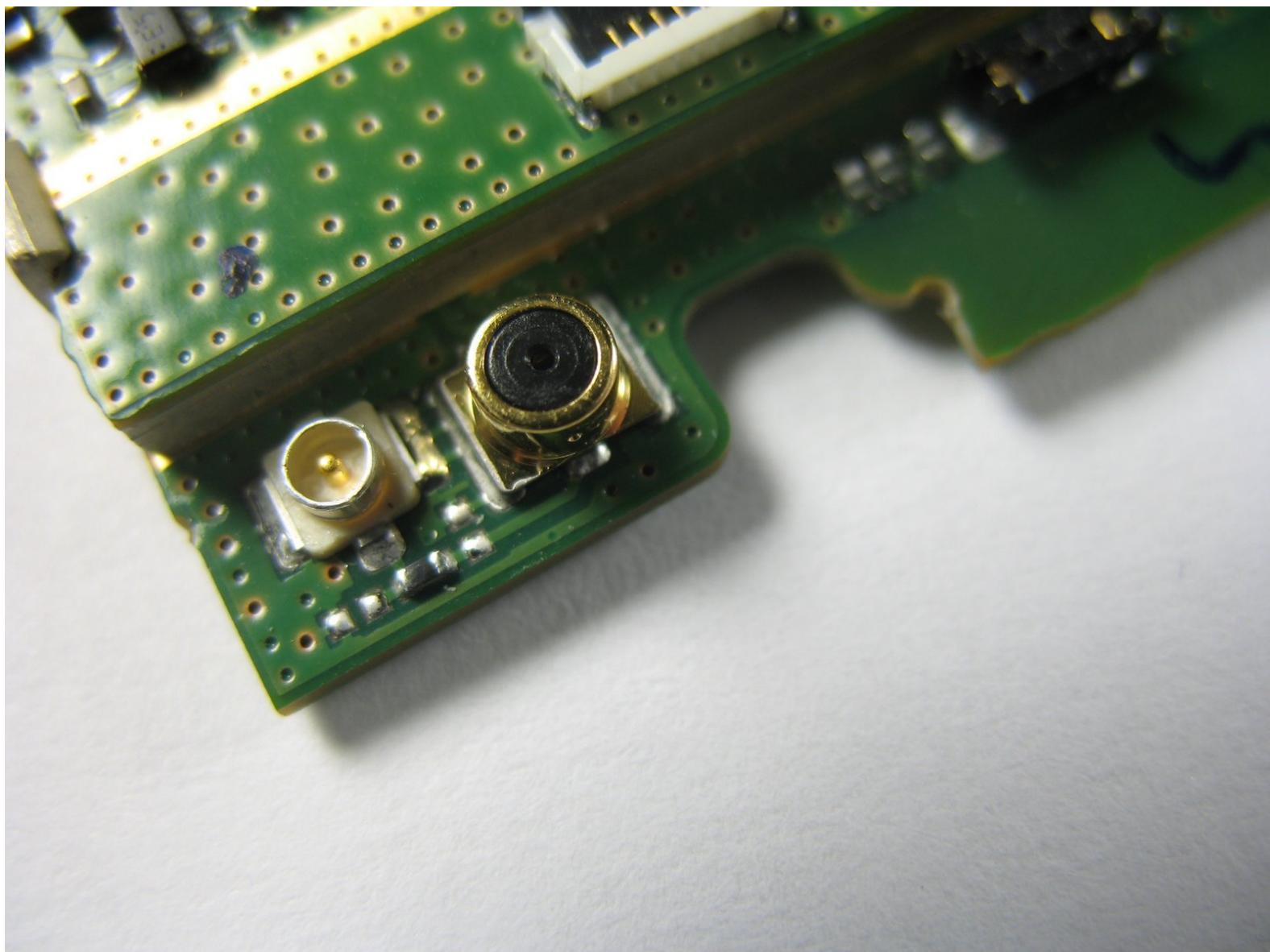




# LG Vu CU920 Microphone Replacement

This guide will show you how to replace a broken microphone on the LG Vu CU920.

Written By: Gregory Davis



## INTRODUCTION

This guide will show you how to disassemble the LG Vu CU920 to replace a broken microphone. You will need to keep track of small screws, remove small components from the motherboard, and solder/unsolder a component

### TOOLS:

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

## Step 1 — Battery



- Remove the back cover by firmly pressing against the indent on the back panel. Slide the cover downward and off the phone.

## Step 2



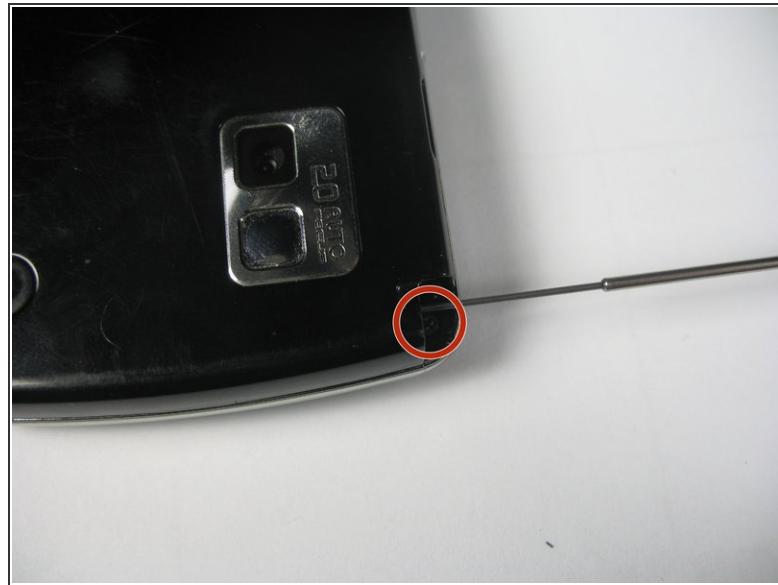
- Remove the battery by placing your fingernail or an opening tool at the bottom edge of the battery and lift it out.

## Step 3 — Motherboard



- Remove the two 3.5mm screws above the battery port with a Philips #00 screwdriver.

## Step 4



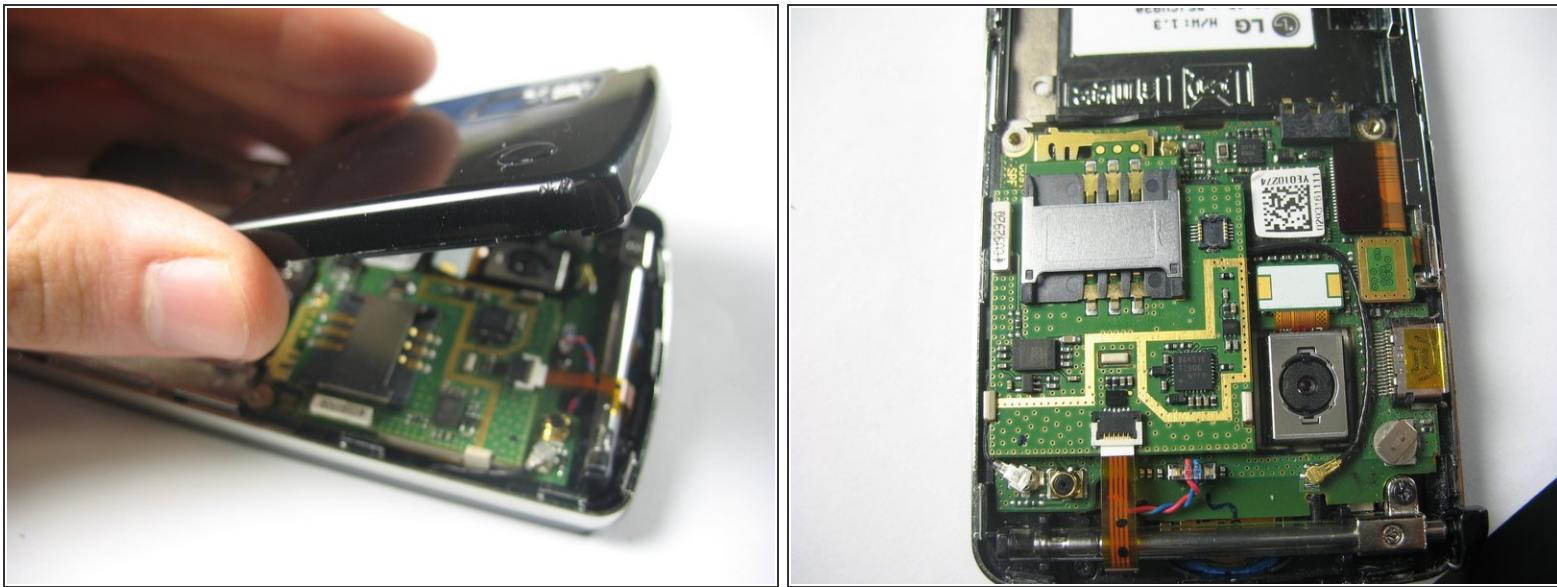
- Pull out the antenna to reveal a third screw.
- Remove the 3.5mm screw with Philips #00 screwdriver.

## Step 5



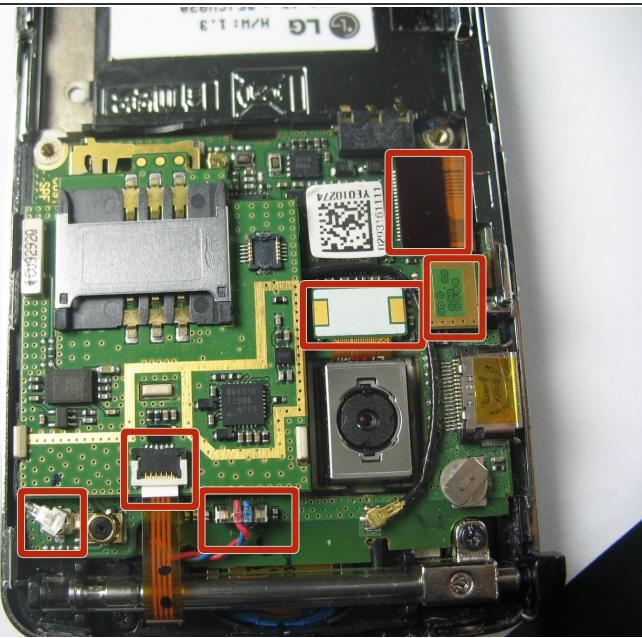
- Locate the plastic tab next to the charging port and use a plastic opening tool to gently pop it out.
- Use the plastic opening tool to pry up the edges of the plastic casing. You should be able to slide it around the edge to dislodge it.

## Step 6



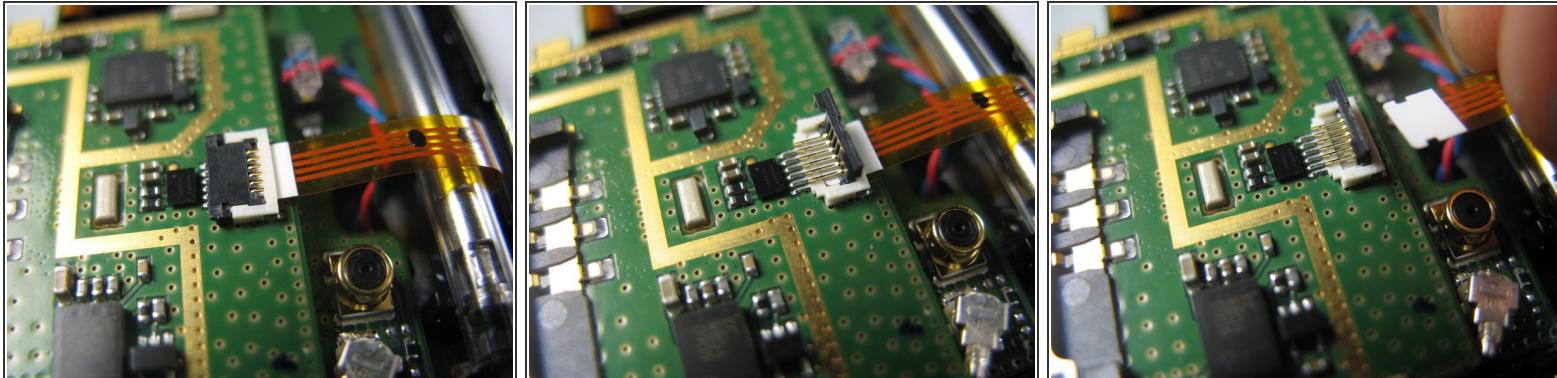
- Remove the plastic covering to reveal the motherboard.

## Step 7



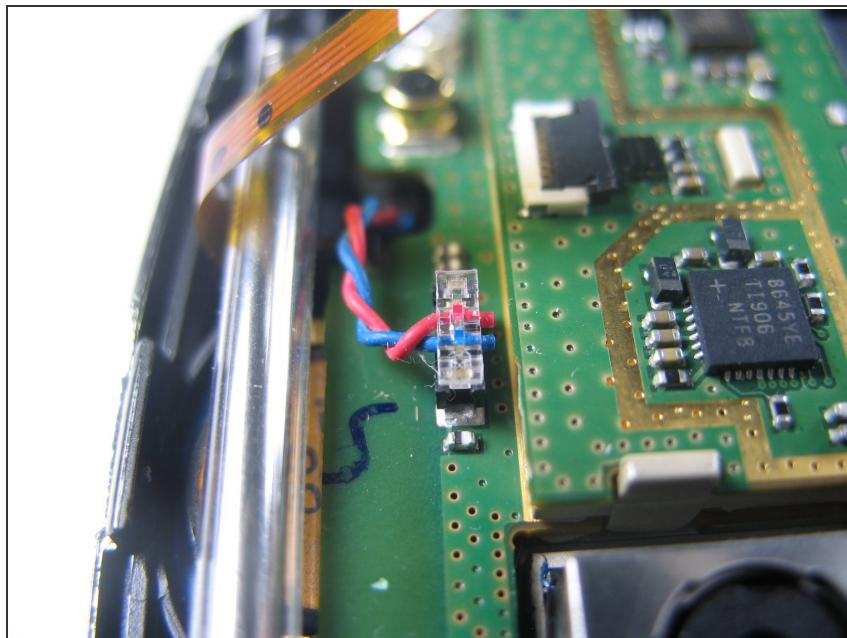
- Locate these six components on the motherboard. They must be detached before the motherboard can be removed.

## Step 8



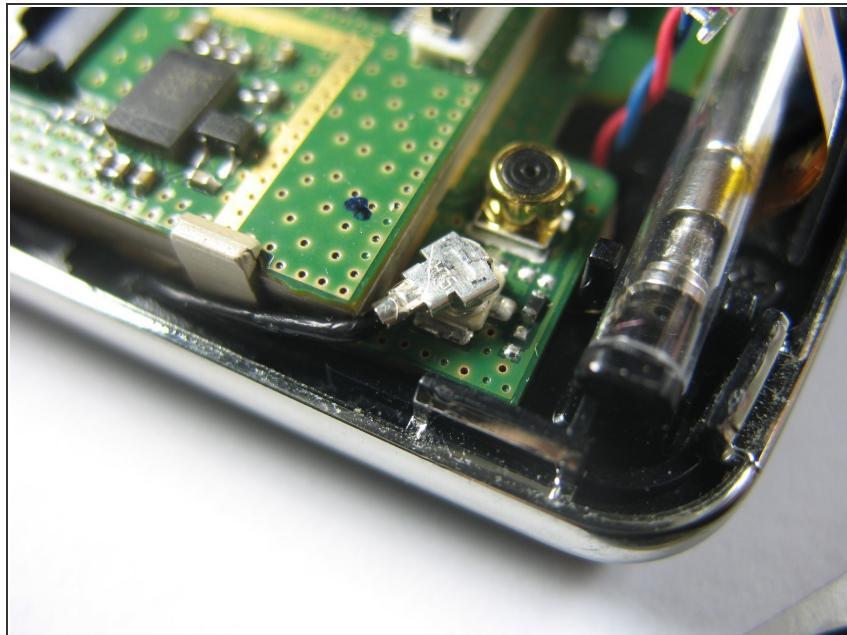
- Gently lift the ZIF connector (black tab) holding the ribbon cable in place. When it is in the upright position, the cable can be removed from the back side.

## Step 9



- Remove the jack attached to the red and blue wires by carefully pulling it upward from the motherboard.

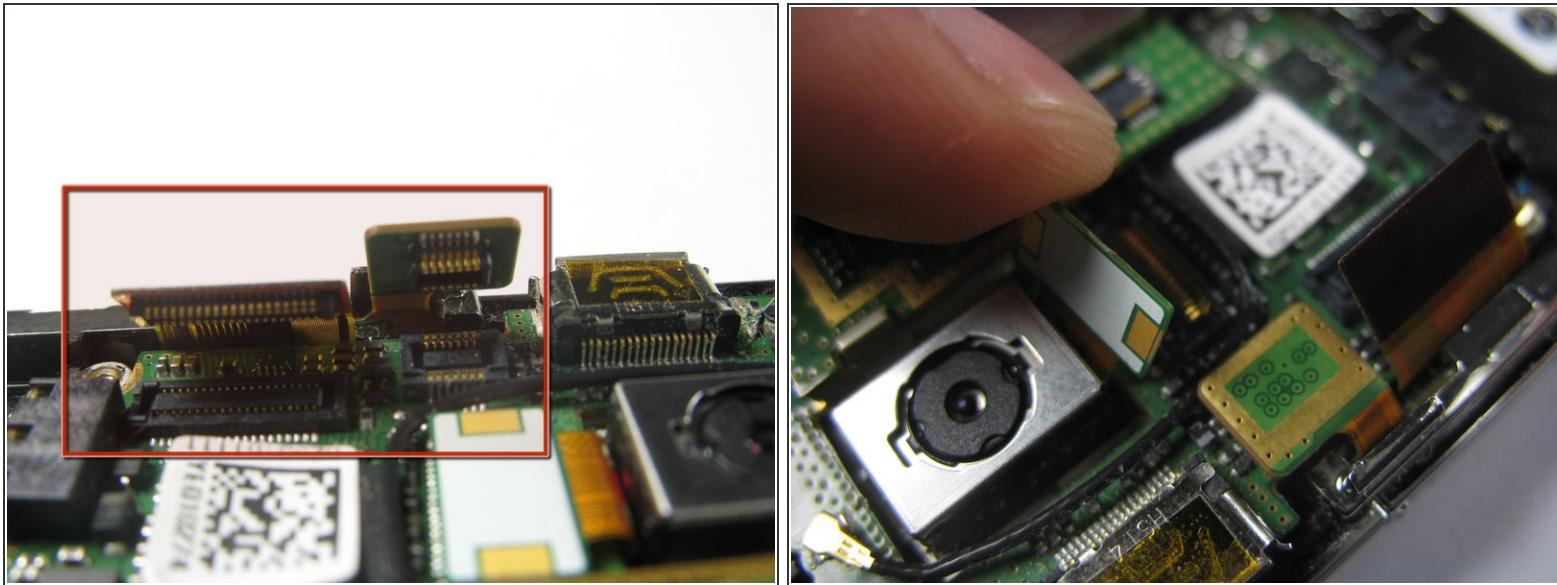
## Step 10



- Remove the round jack connected to the black cable by carefully prying it up from beneath with a spudger or plastic opening tool.

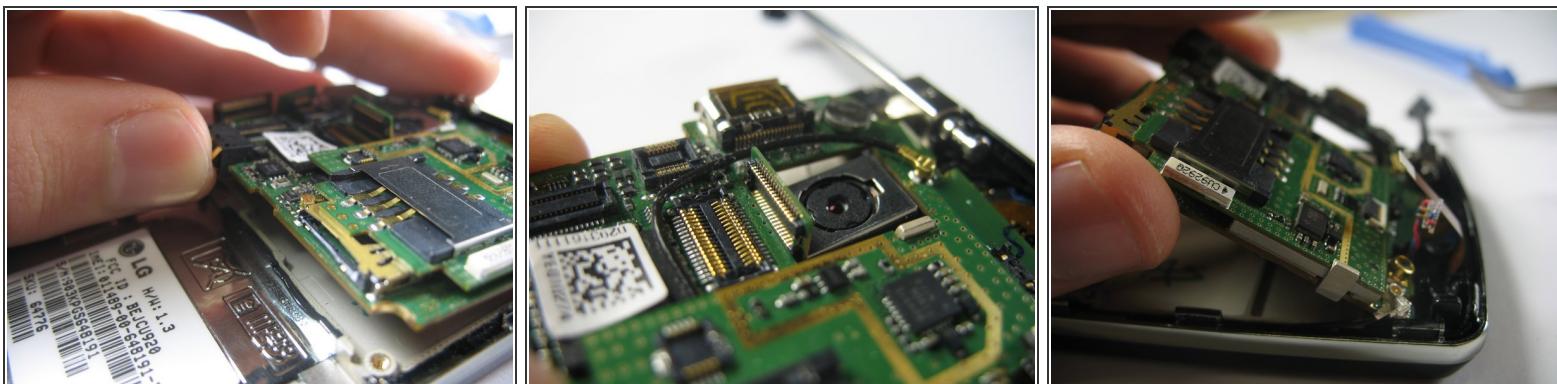
**i** This jack snaps on, so there will be more resistance than there was with the previous jack.

## Step 11



- The remaining three ribbon cables can be removed by gently lifting them by the ends opposite the cables with a plastic opening tool or spudger until they pop out.

## Step 12

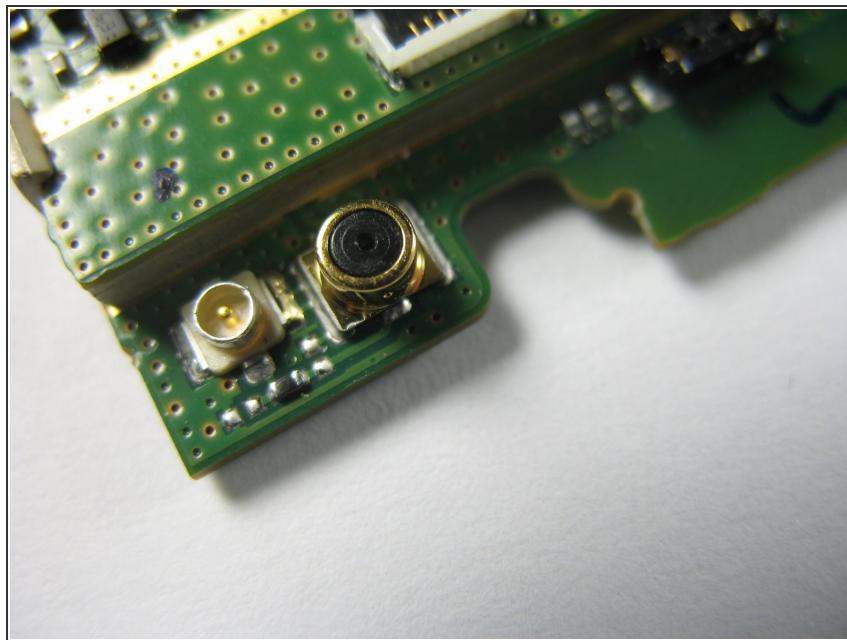


- To remove the motherboard, gently pry it up with your finger from the charging port.

**⚠** Be careful not to yank the camera's ribbon cable as you lift the board. Make sure that it is in line with its hole in the motherboard.

- Once the board has been lifted, remove it by pulling it away from the connected edge.

## Step 13 — Microphone



- Unsolder the microphone located at the top right corner of the motherboard near the silver jack.
- Solder in a replacement microphone.

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