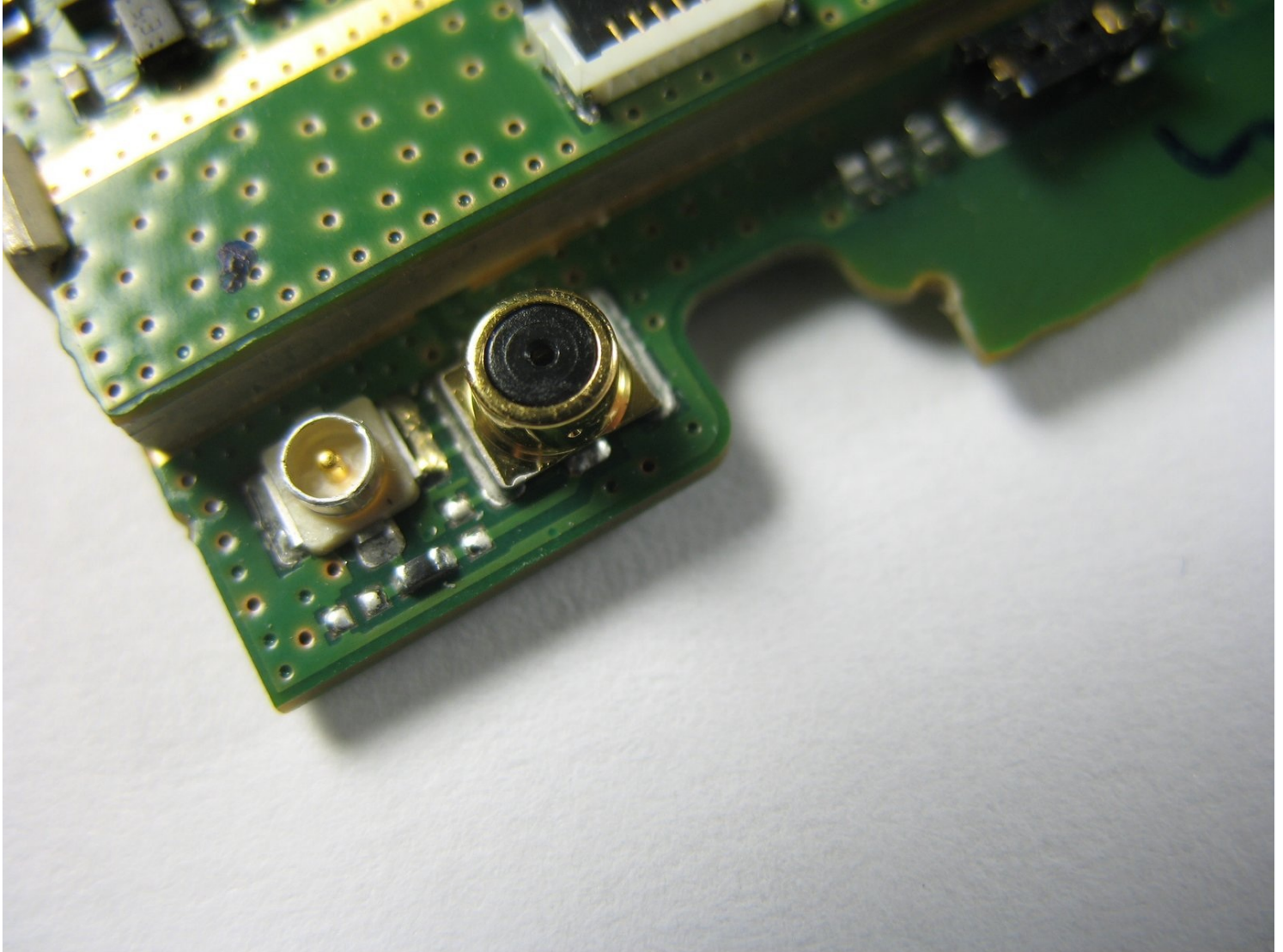




# LG Vu CU920 Microphone Replacement

This guide will show you how to disassemble the...

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

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## TOOLS:

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

[iFixit Opening Tool](#) (1)

[Soldering Iron 60w Hakko 503F](#) (1)

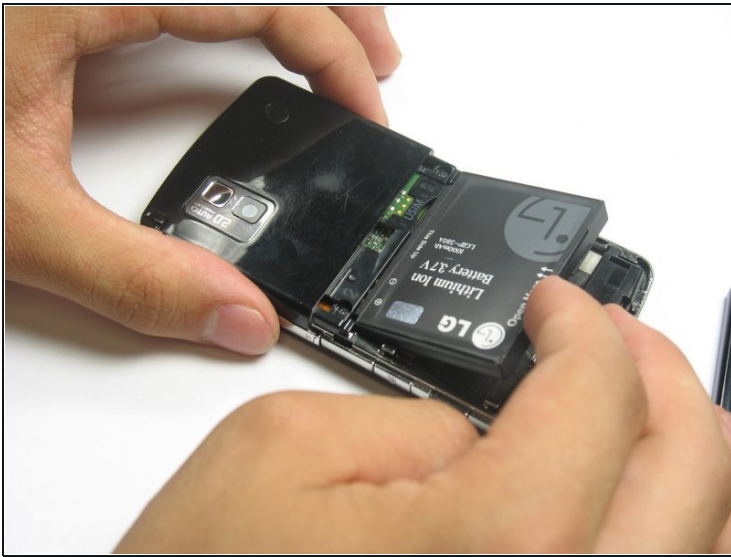
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## Step 1 — Battery



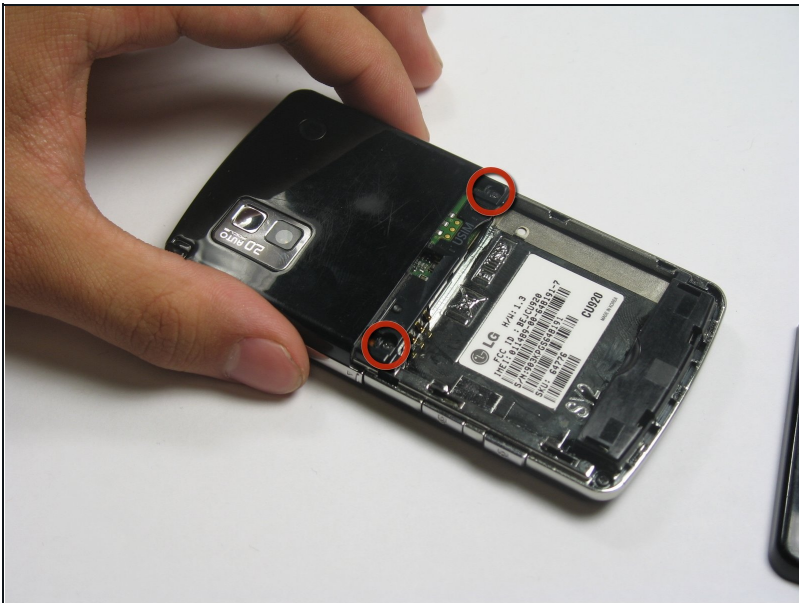
- Remove the back cover by firmly pressing against the indent on the back panel. Slide the cover downward and off the phone.

## 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 3.5 mm screws above the battery port with a Phillips #00 screwdriver.



## Step 4



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

## Step 5



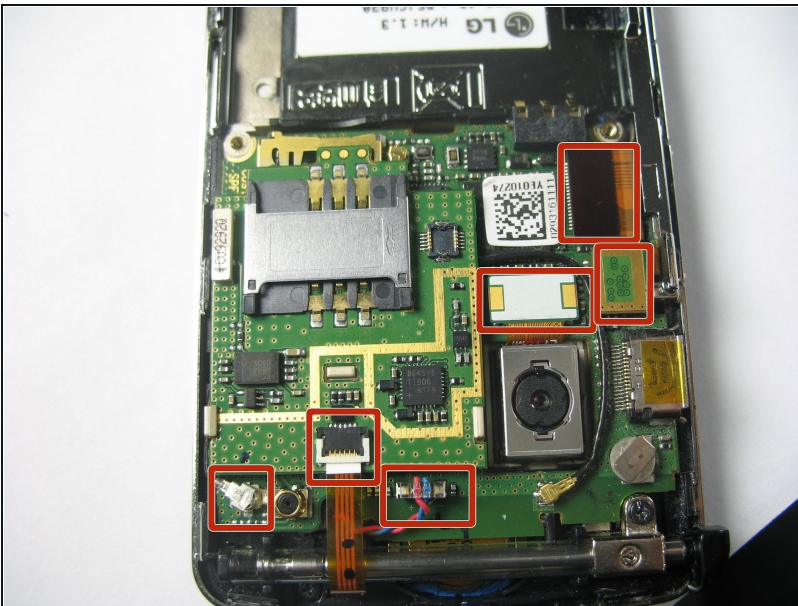
- Using a plastic opening tool, gently pop up the plastic tab.
- Use the plastic opening tool to pry up the edges of the plastic casing. You will then be able to slide it around the edge to dislodge it.

## Step 6



- Remove the plastic case to reveal the motherboard.

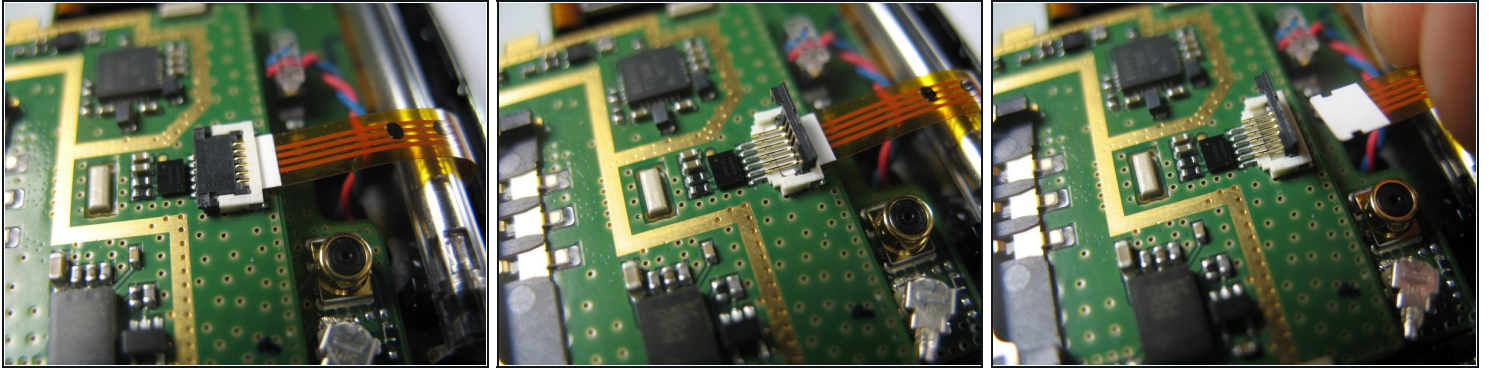
## Step 7



- Use a spudger to [disconnect](#) the cables from the motherboard.
- ① The following steps will detail how to detach the cables from the connectors.

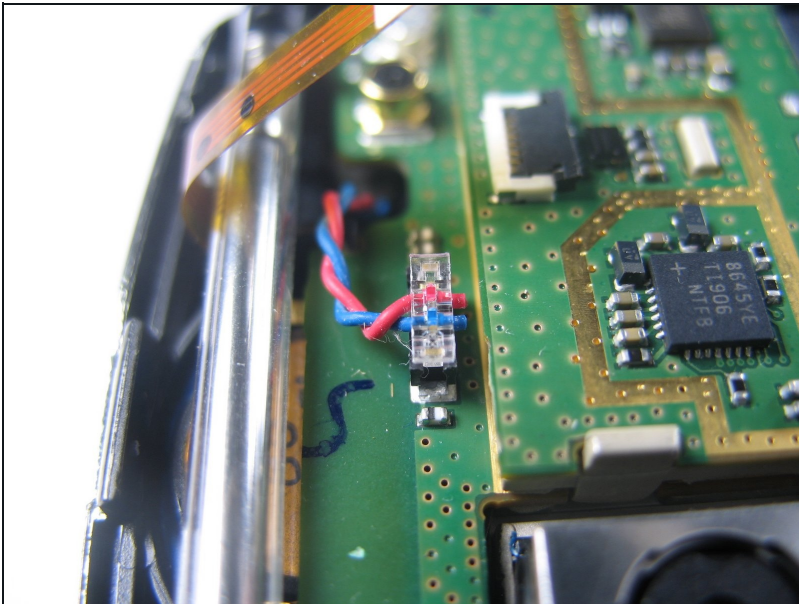


## Step 8



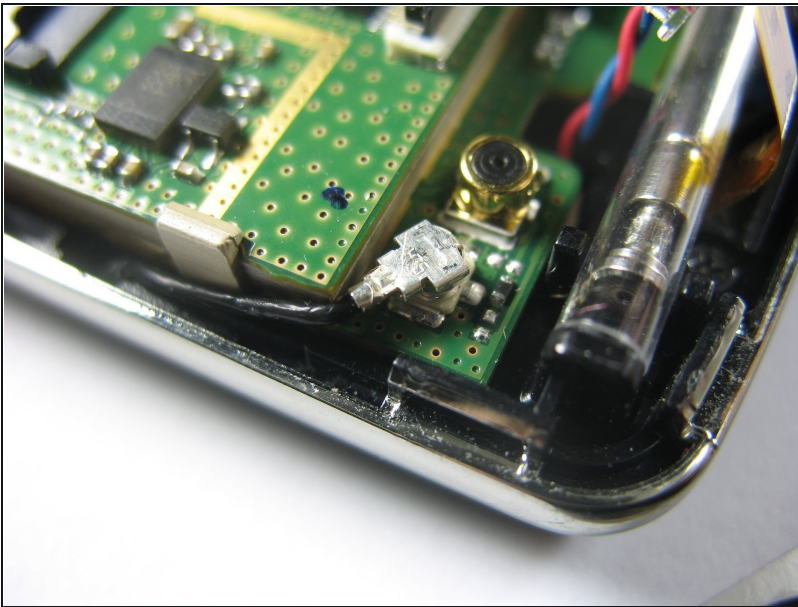
- Gently lift the ZIF connector (black tab) holding the ribbon cable in place. When it is in the upright position, remove the cable from the back side.

## Step 9



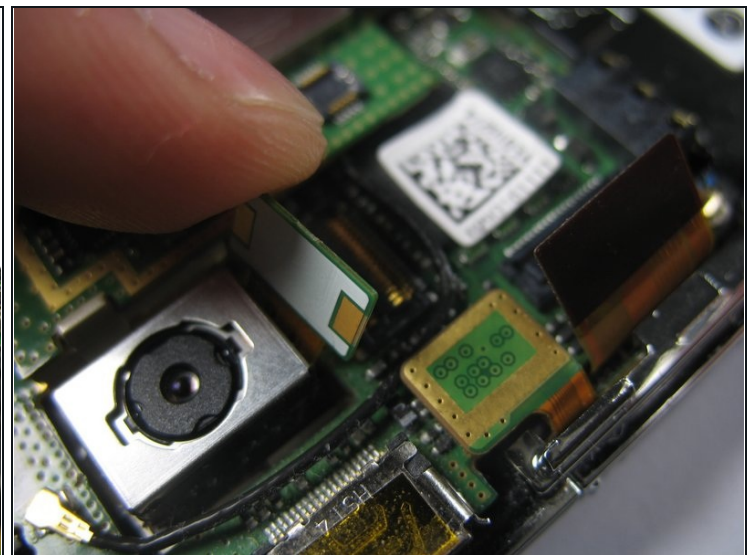
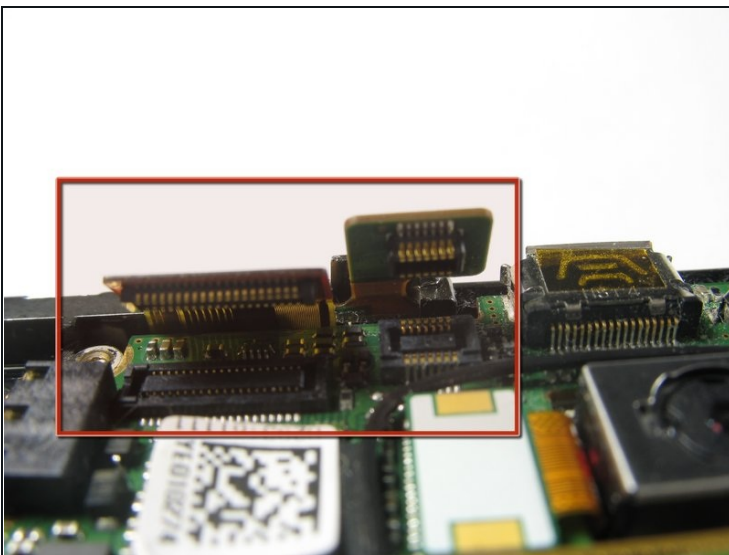
- Remove the jack attached to the red and blue wires by carefully pulling it upward from the motherboard.

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

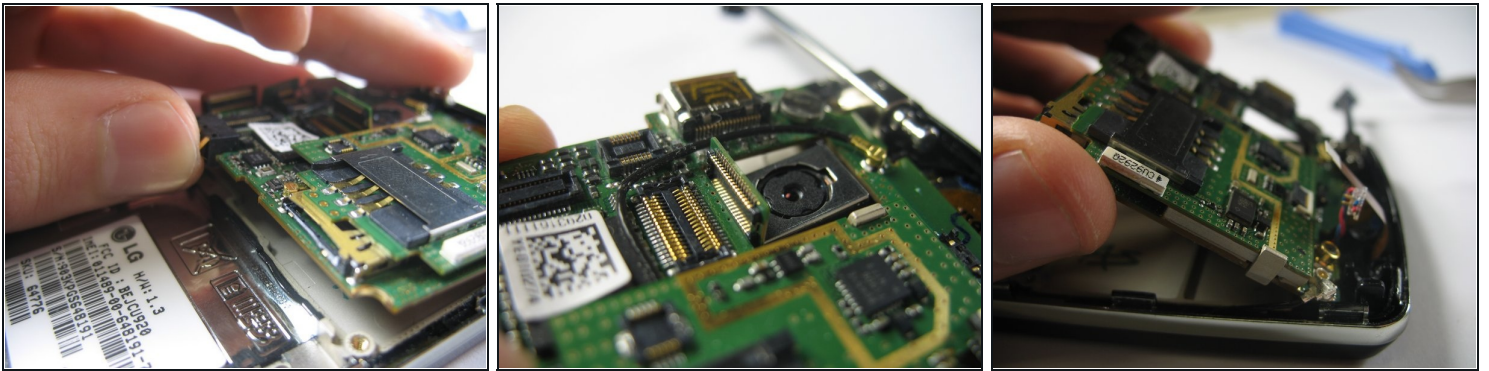
## Step 11



- Remove the remaining three ribbon cables by gently lifting them by the ends, opposite of the cables, with a plastic opening tool or spudger until they pop out.



## Step 12

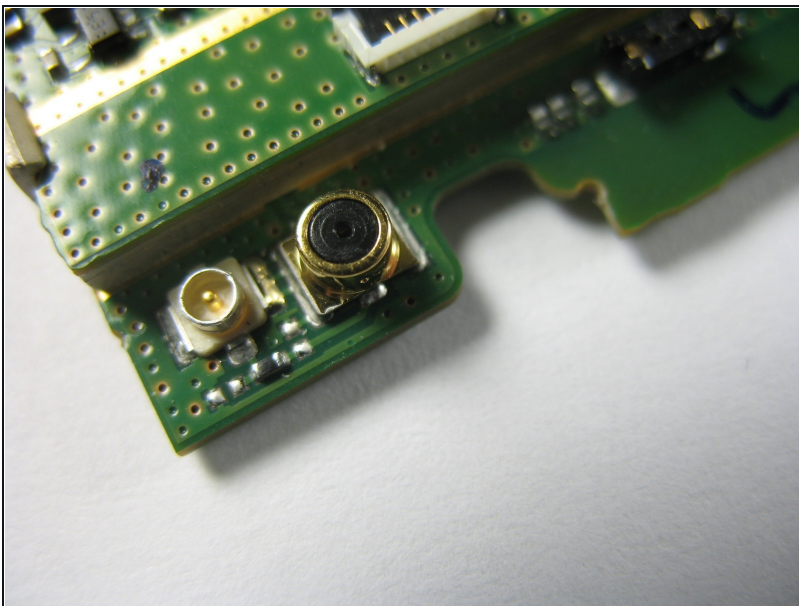


- Remove the motherboard by gently prying it up with a spudger from the charging port.

⚠ 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.