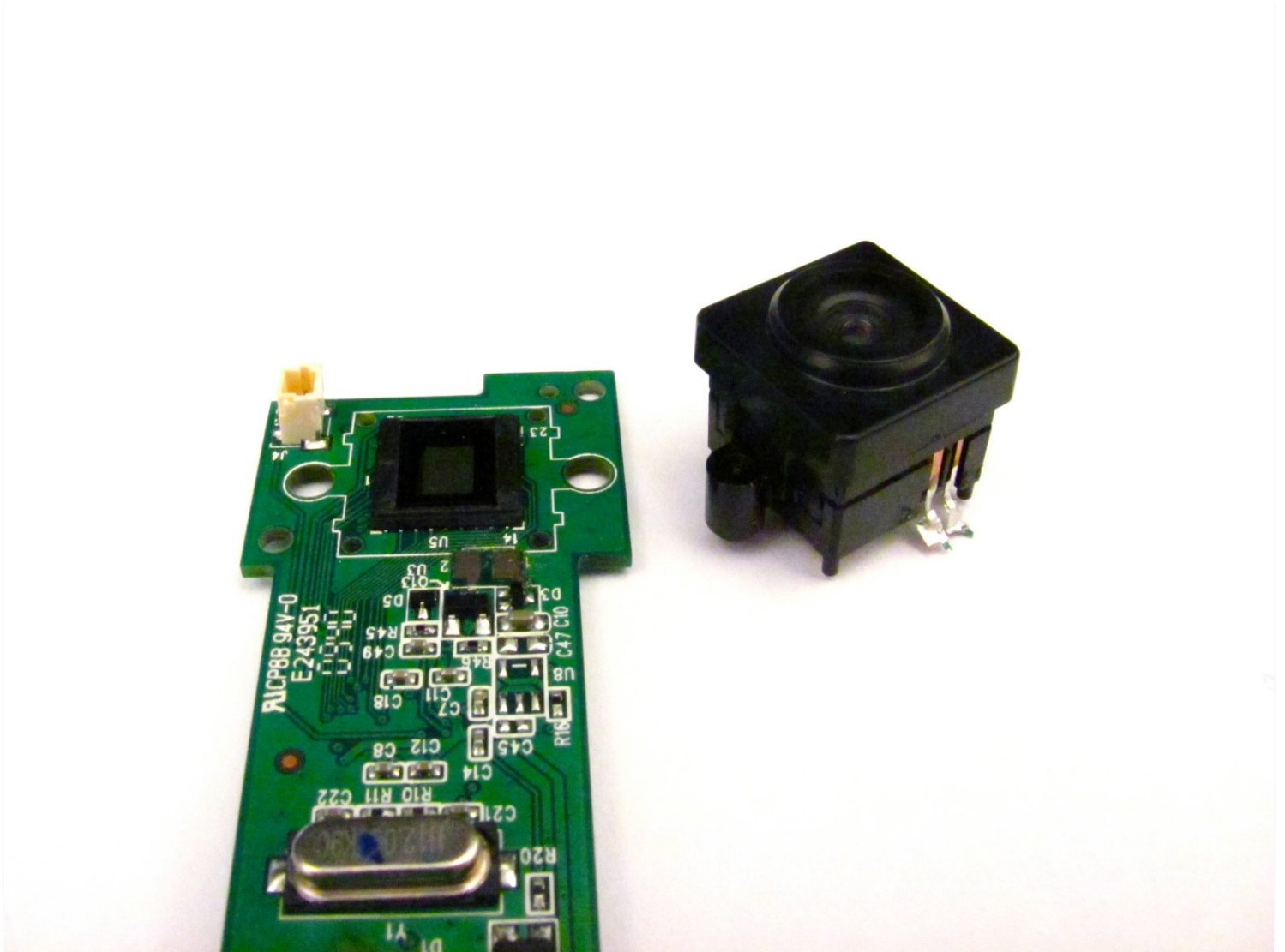




# Logitech Webcam Pro 9000 Motherboard Replacement

A soldering kit is necessary to completely...

Written By: Cory Davis



# INTRODUCTION

A soldering kit is necessary to completely isolate the motherboard as we will be needing to desolder the USB and camera joints.

## TOOLS:

[Tweezers](#) (1)  
[Soldering Workstation](#) (1)  
[Lead-Free Solder](#) (1)  
[Desoldering Braid](#) (1)  
[Spudger](#) (1)  
[iFixit Opening Tool](#) (1)  
[Phillips #0 Screwdriver](#) (1)

## Step 1 — Front and Back Cover

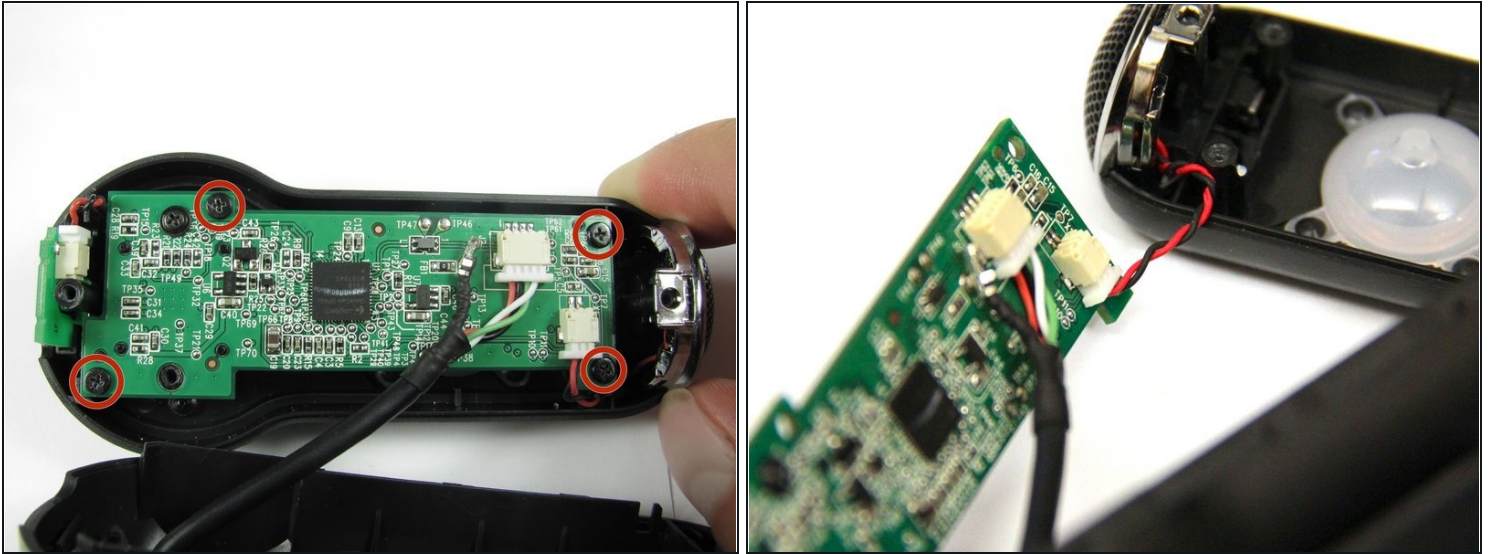


- Remove the two 8 mm Phillips #0 screws on the back cover.

 **The motherboard connects the two covers together. DO NOT separate the two yet.**

-  There is a button that loosens as the Phillips screws are removed. Don't be alarmed if it falls out.

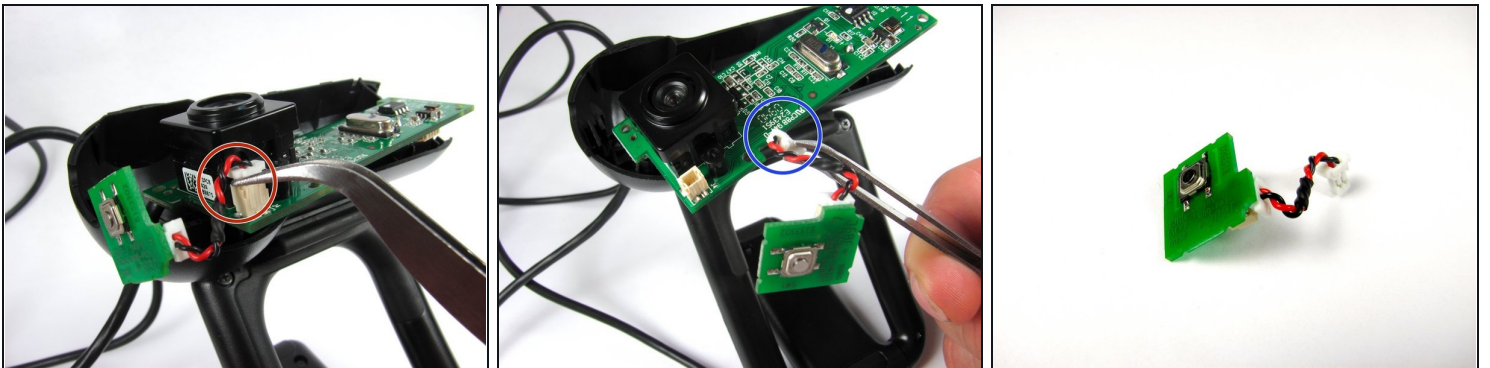
## Step 2



- Remove the four 6mm Phillips #0 screws connecting the motherboard and front cover.

⚠ **DO NOT** detach the wire connecting the motherboard to the front cover.

## Step 3 — Snapshot button



- Grasp the white connector attaching the button chip wire to the motherboard.

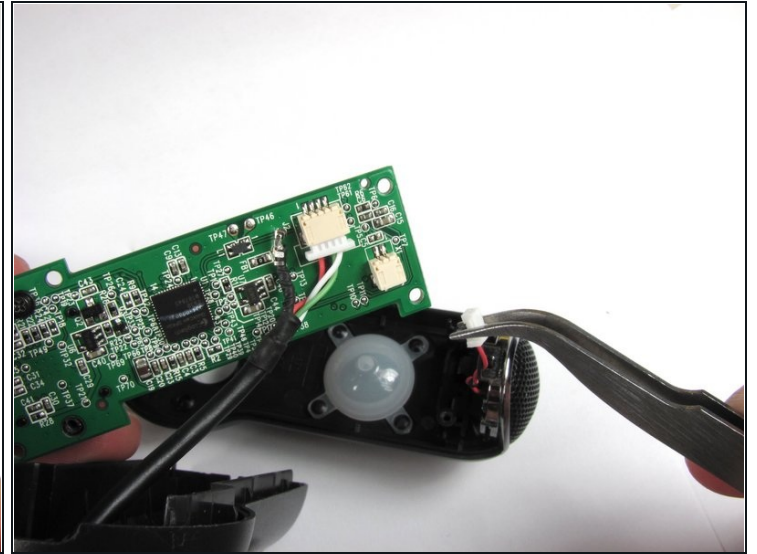
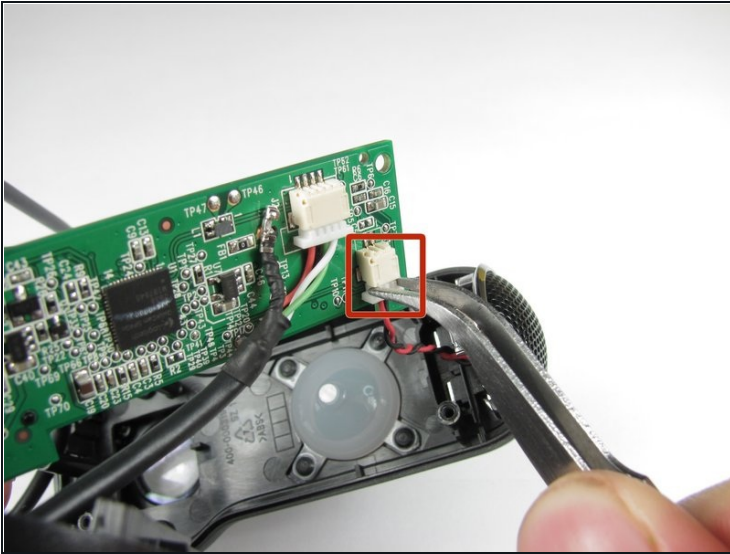
☞ Grab between the tabs and the socket.

- Wiggle the connector back and forth to remove it from the connection box

ⓘ Do not worry if you detach the red and black wire connection on the power button.

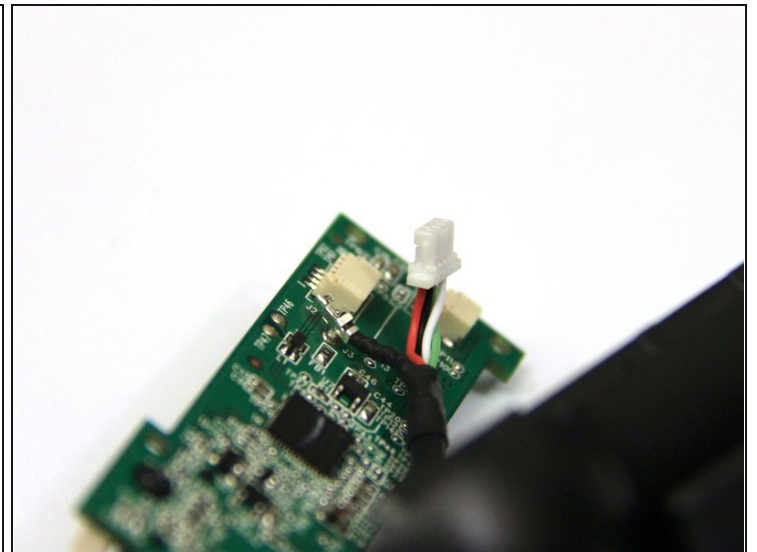
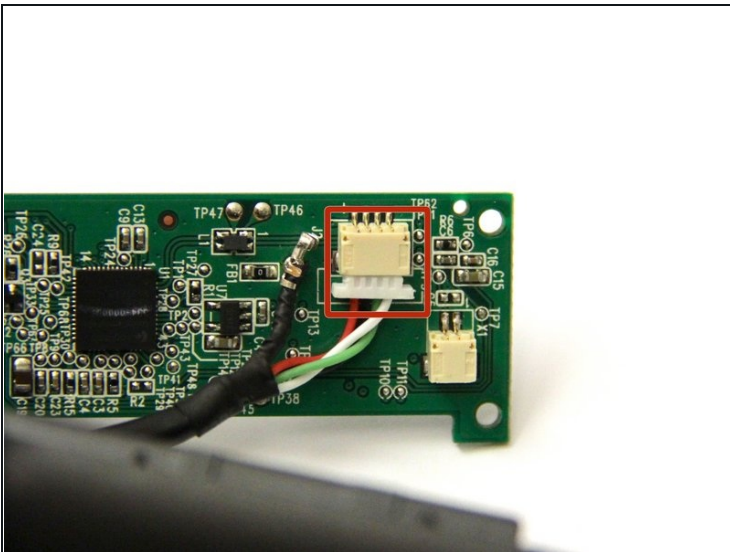


## Step 4 — Microphone Connection



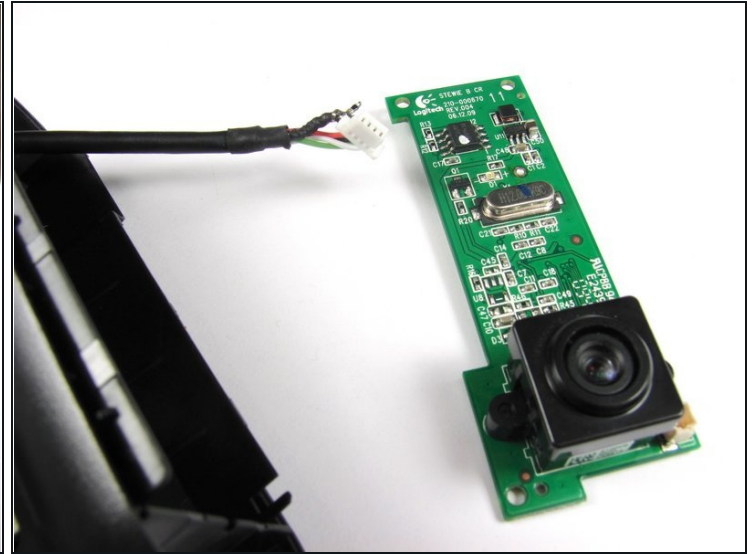
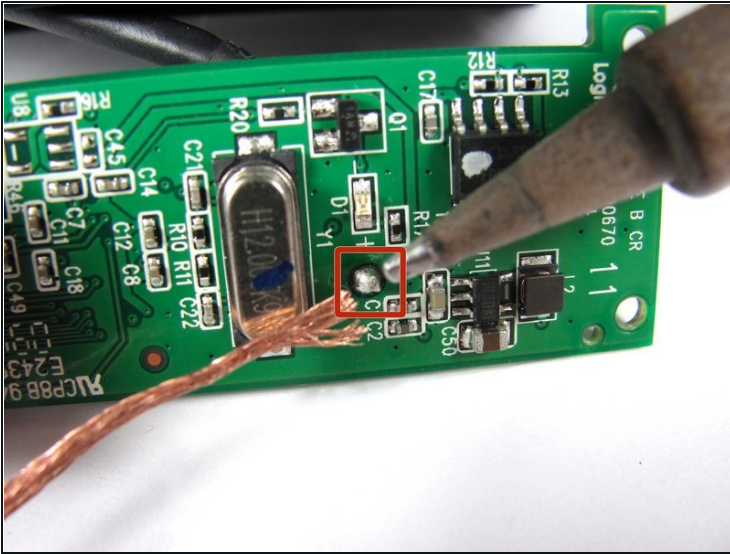
- Grasp the white wire connector between the tabs and the socket.
- Wiggle the connector back and forth to remove the front cover from the motherboard.

## Step 5 — USB Connection



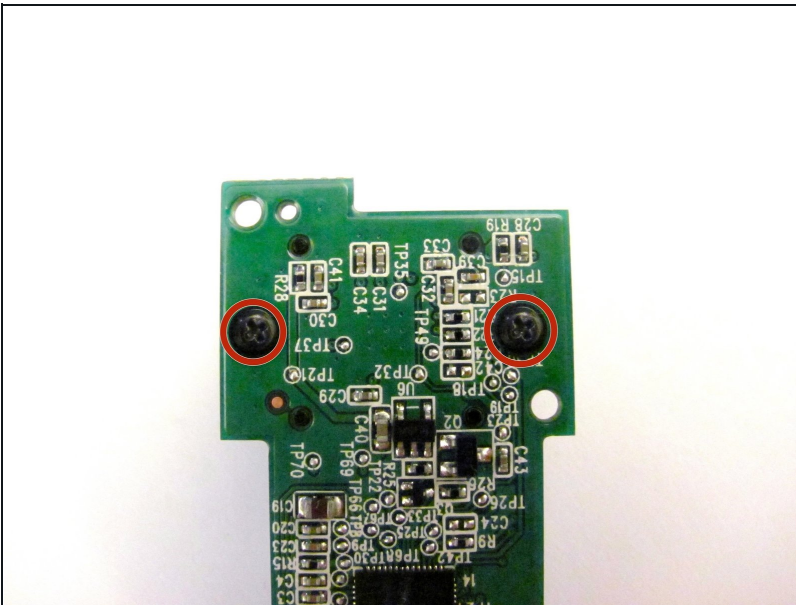
- Use [tweezers](#) to grasp the white wire connector on the back of the motherboard.
- Wiggle the connector back and forth to remove it from the socket.

## Step 6



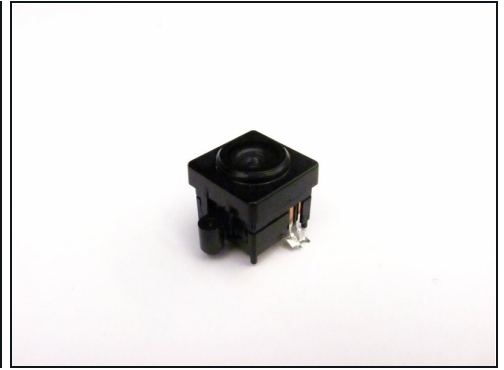
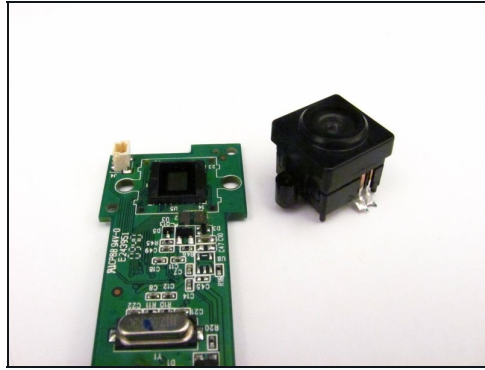
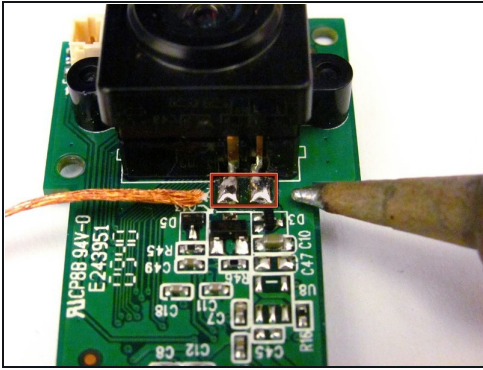
- Desolder the joint on the front of the motherboard to completely detach the USB cable.
- ① Follow this [link](#) to learn how to properly solder and desolder your parts.

## Step 7 — Camera



- Remove the two 8mm Phillips#0 screws on the back of the motherboard.

## Step 8



- Remove the camera from the motherboard by desoldering the two connections as shown.
- ① Follow this [link](#) to learn how to properly solder and desolder your parts.

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