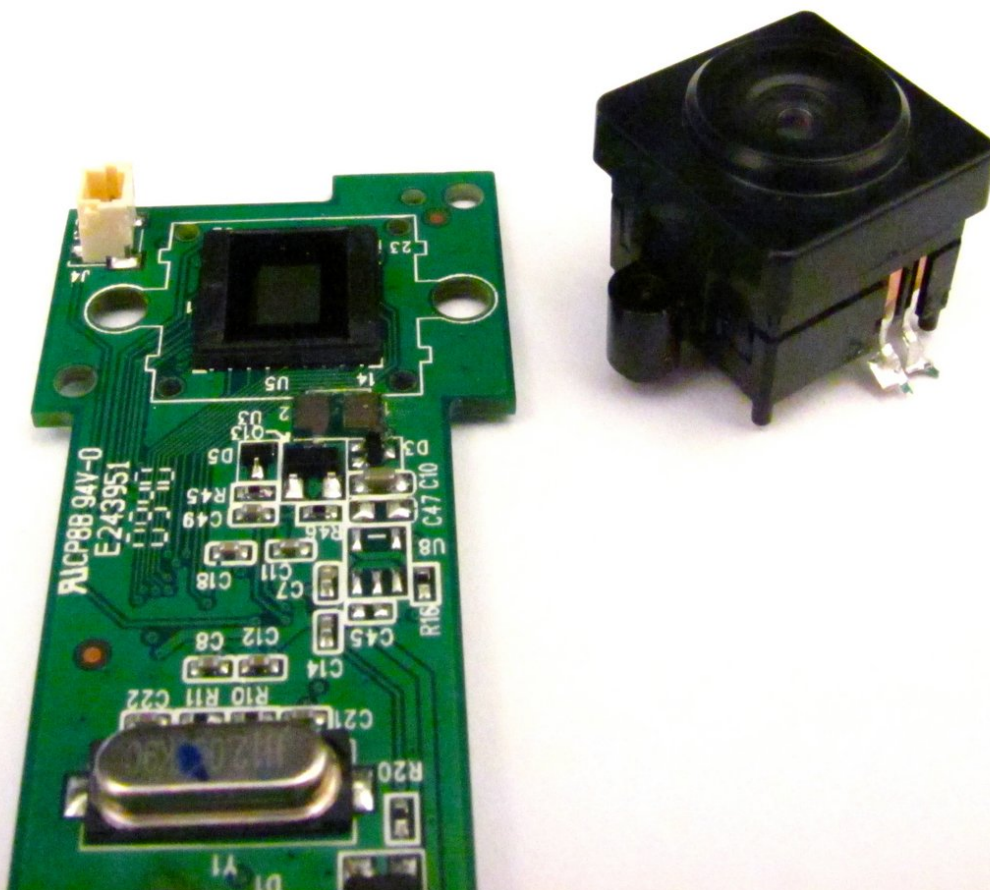




# Logitech Webcam Pro 9000 Motherboard Replacement

Follow this guide to isolate the motherboard from your webcam.

Written By: Cory Davis



# INTRODUCTION

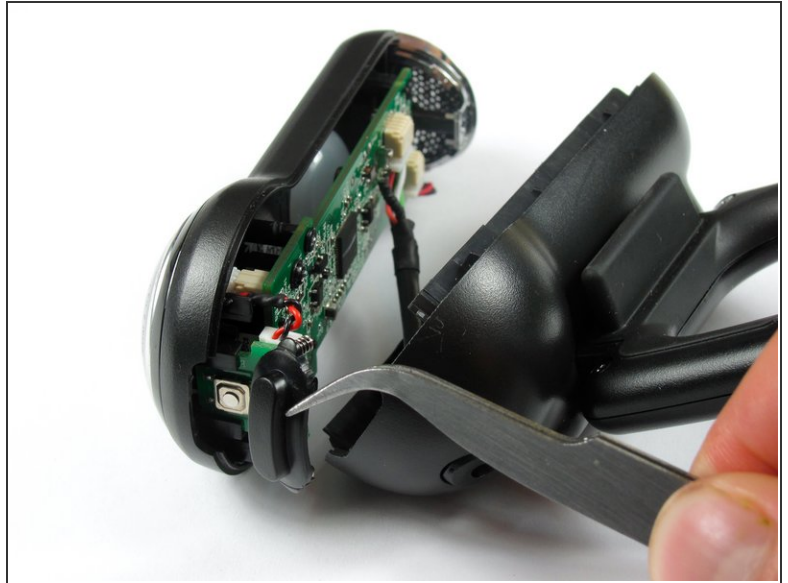
A soldering kit is necessary to completely isolate the motherboard as we will be needing to desolder the USB and camera joints.

---

## TOOLS:

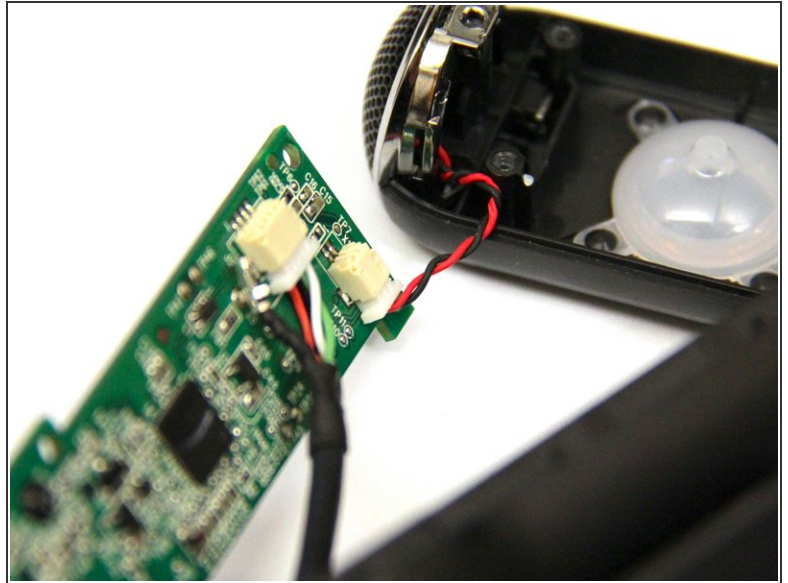
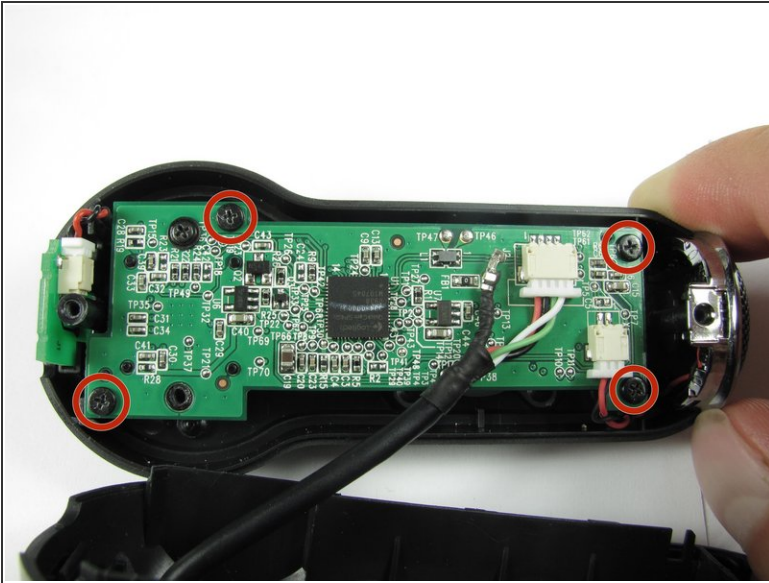
- [Tweezers](#) (1)
  - [Soldering Workstation](#) (1)
  - [Solder](#) (1)
  - [Desoldering Braid](#) (1)
  - [Spudger](#) (1)
  - [iFixit Opening Tools](#) (1)
  - [Phillips #0 Screwdriver](#) (1)
-

## Step 1 — Front and Back Cover



- Remove the two 8 mm Phillips #0 screws on the back cover.
- ⚠ The motherboard is attaching the two covers together, so don't separate them entirely just yet.
- ⓘ There is a button that loosens as the Phillips screws are removed. Don't be alarmed if it falls out.

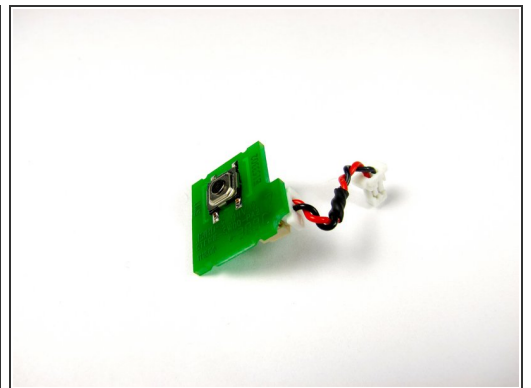
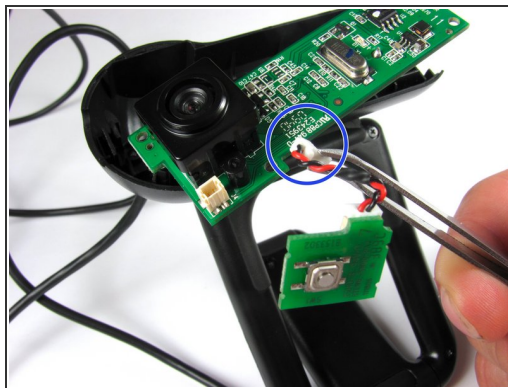
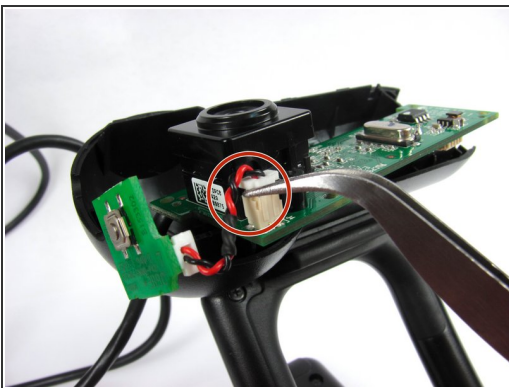
## Step 2



- 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.

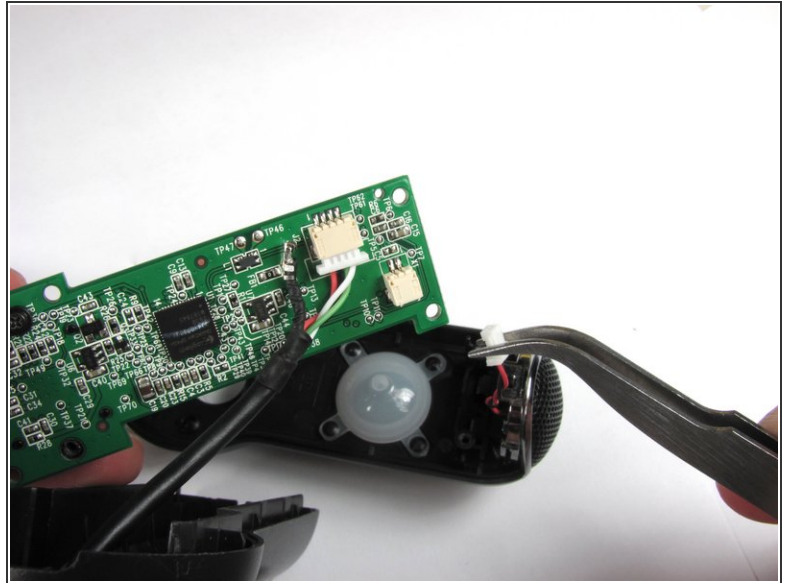
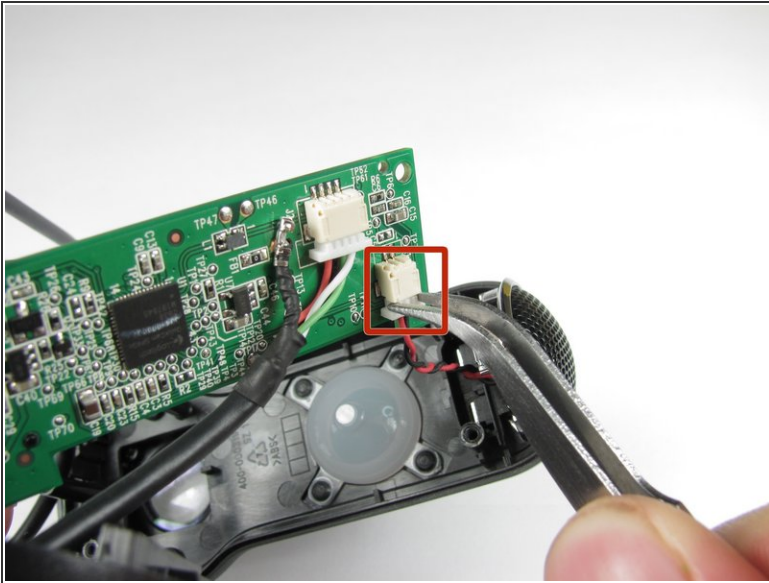
## Step 3 — Snapshot button



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

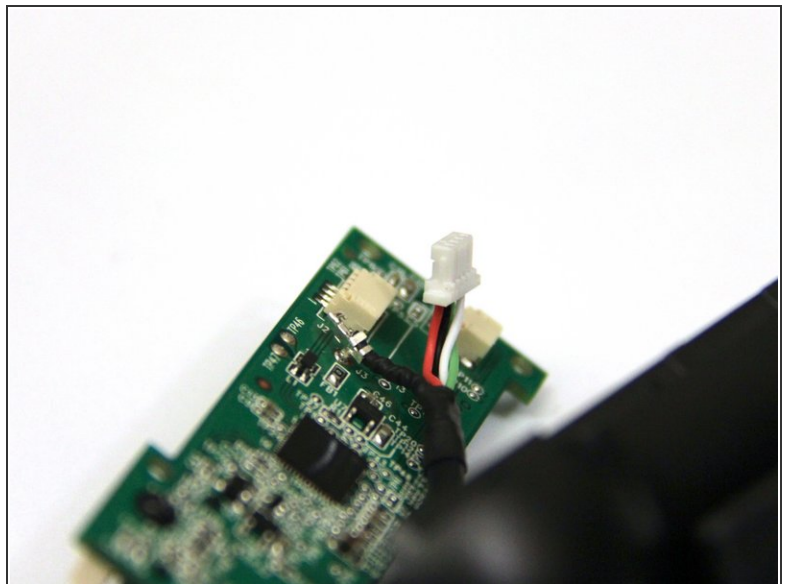
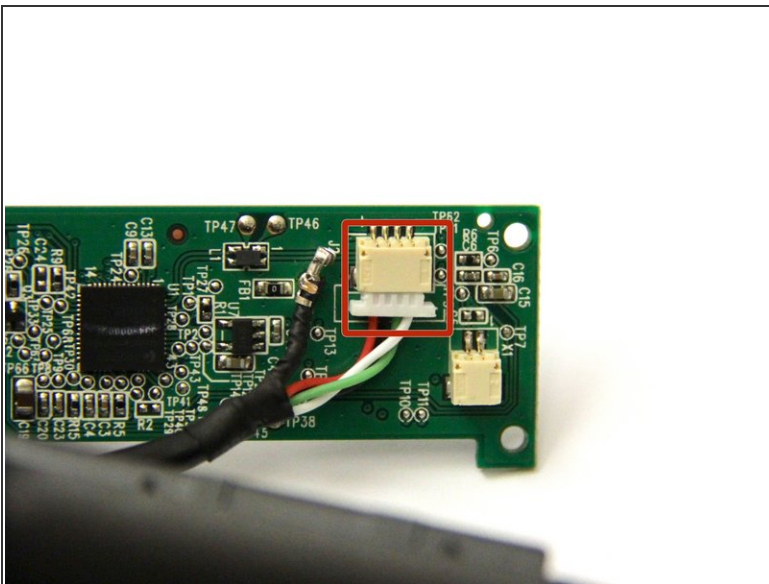


## Step 4 — Microphone Connection



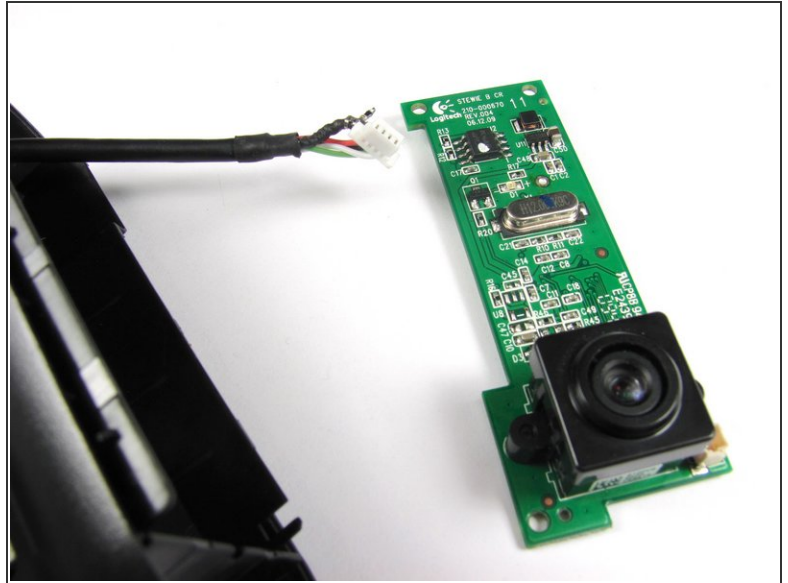
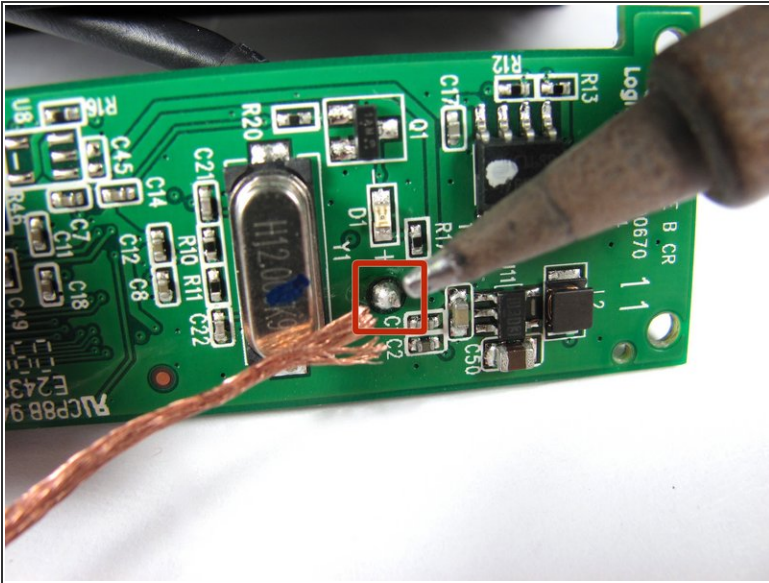
- Grasp the white wire connector between the tabs and the socket.
- Wiggle the connector back and forth to remove the front cover from the motherboard.

## Step 5 — USB Connection



- Grasp the white wire connector on the back of the motherboard to remove the USB cable.
- Wiggle the connector back and forth to remove it from the socket.

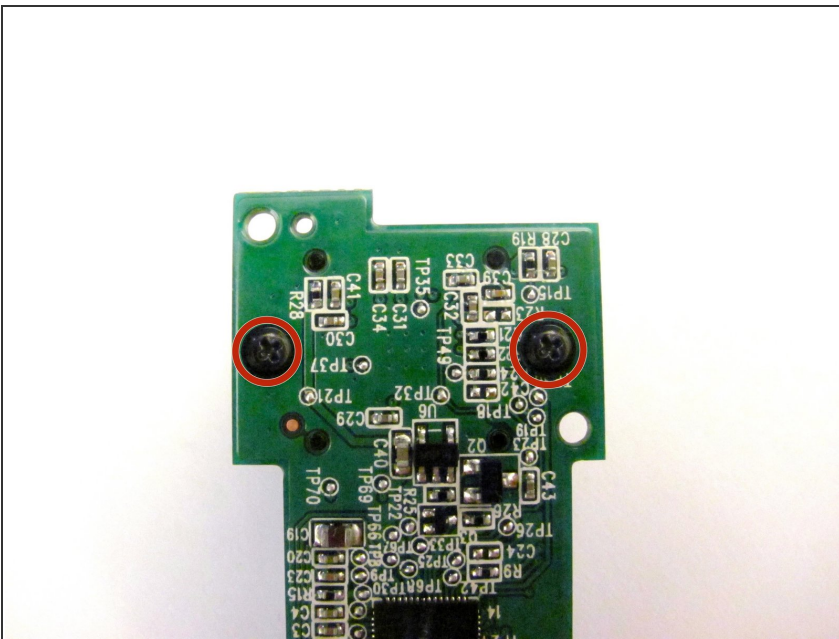
## Step 6



- Desolder the joint on the front of the motherboard to completely detach the USB cable.

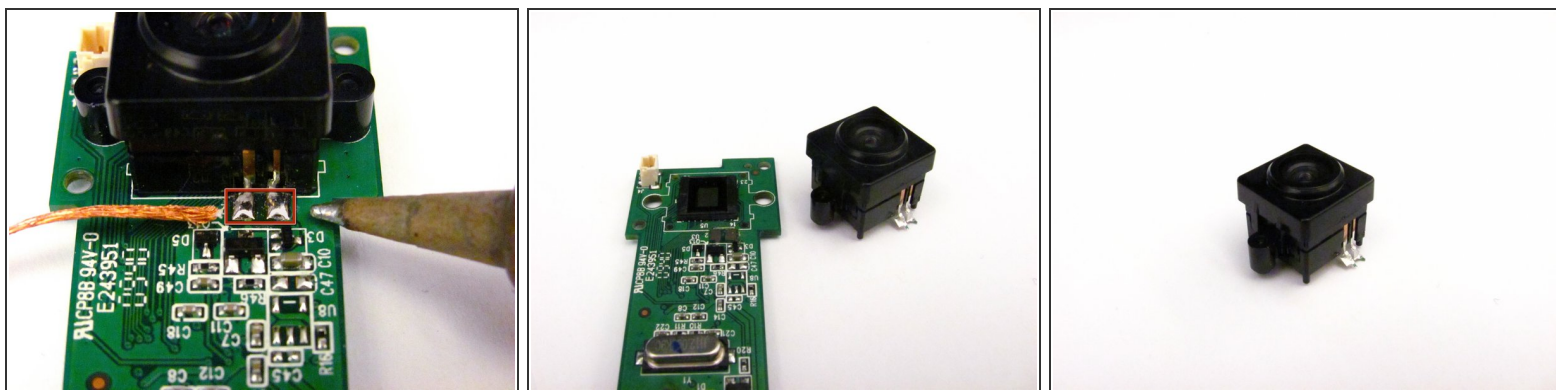
 Follow this [link](#) to learn how to properly solder and desolder your parts.

## 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.
- ⓘ Follow this [link](#) to learn how to properly solder and desolder your parts.

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