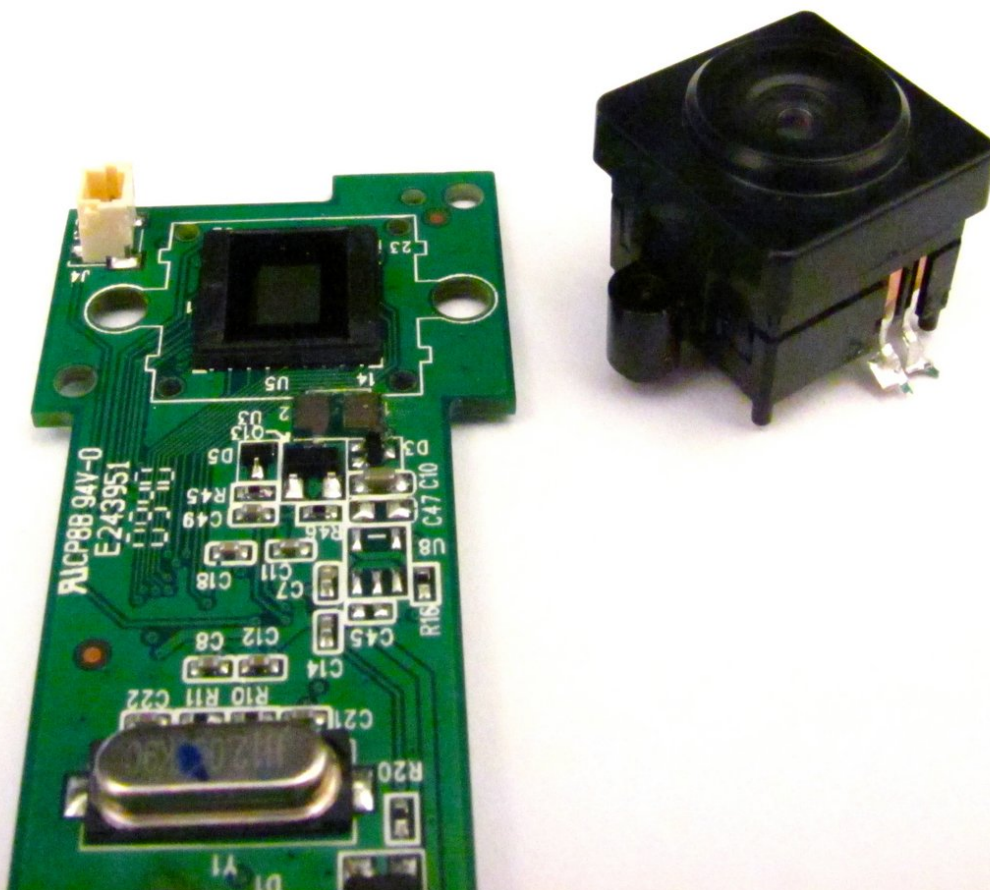




Logitech Webcam Pro 9000 Motherboard Replacement

A soldering kit is necessary to completely...

Written By: Cory Davis



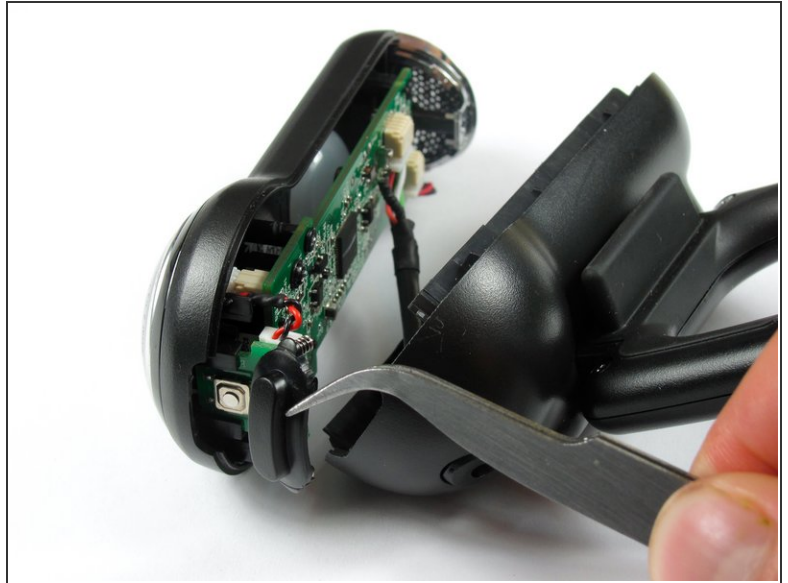
INTRODUCTION

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

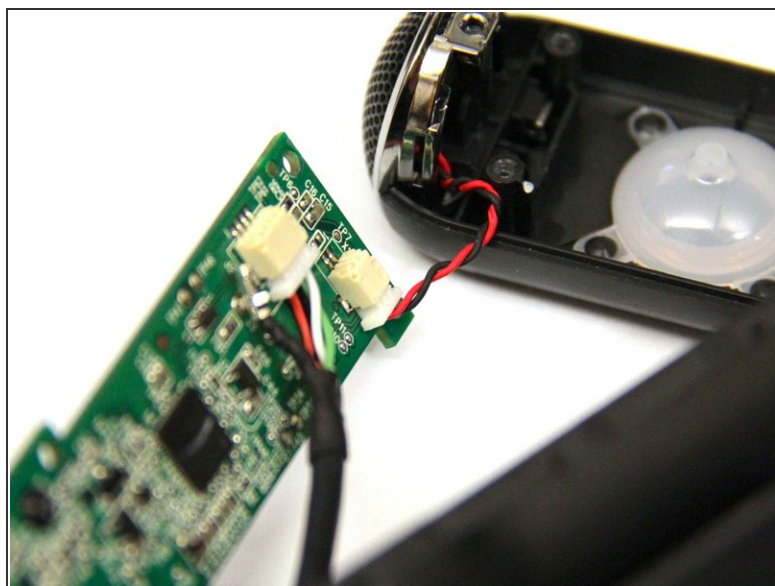
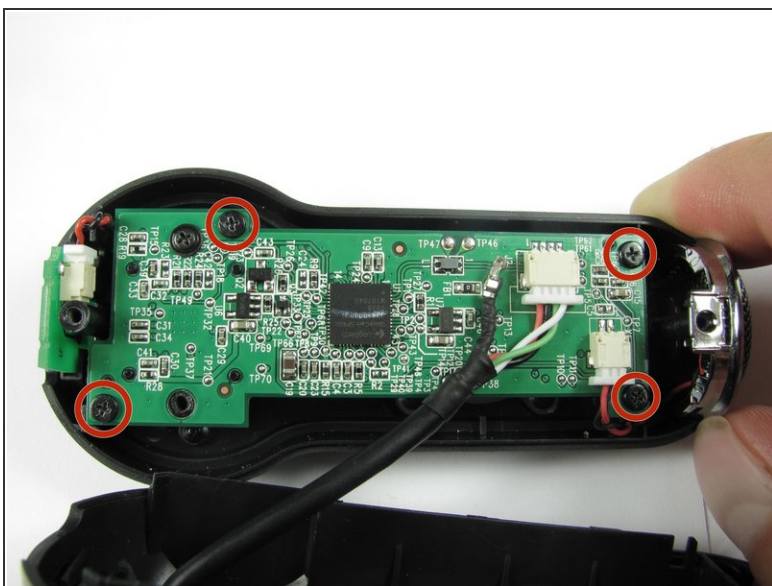


- Remove the two 8 mm Phillips #0 screws on the back cover.

⚠ 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.

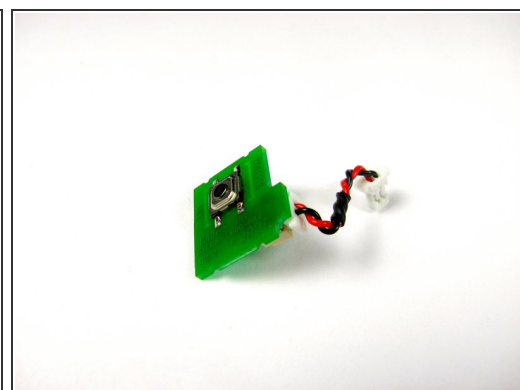
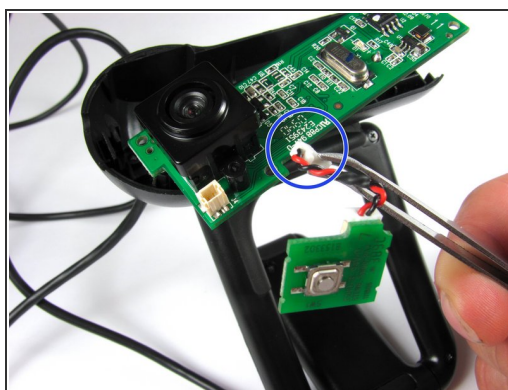
Step 2



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

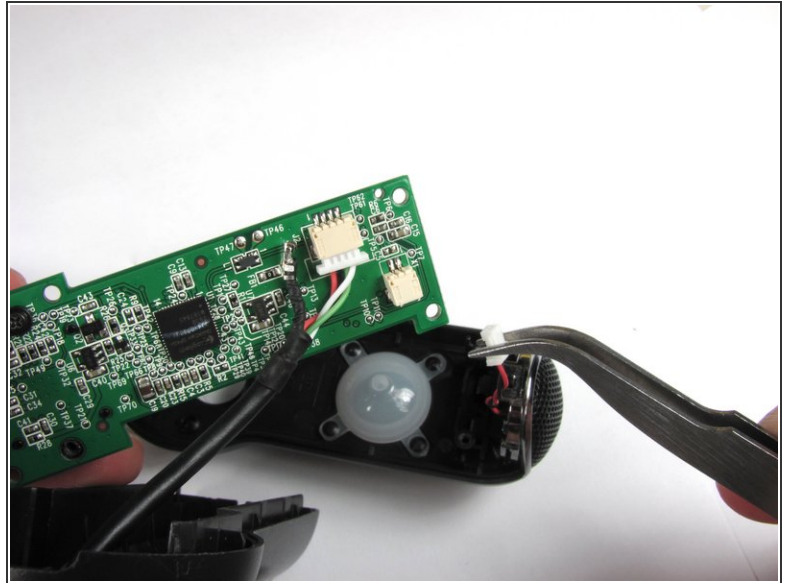
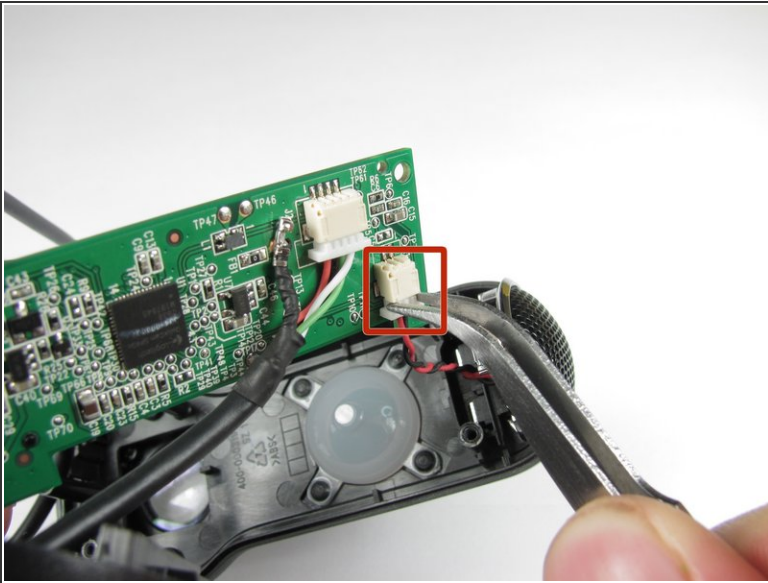
⚠ DO NOT detach the wire connecting the motherboard to the front cover.

Step 3 — Snapshot button



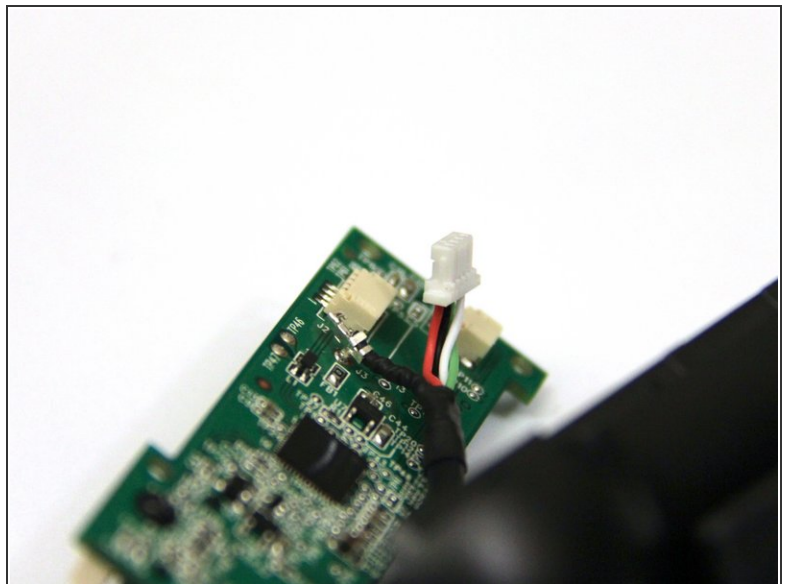
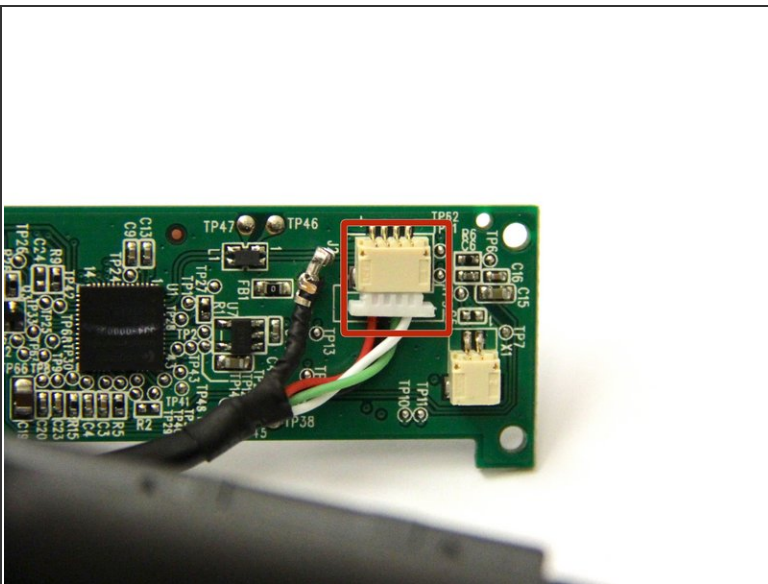
- Grasp the white connector attaching the button chip wire to the motherboard.
 - ✎ Grab between the tabs and the socket.
- Wiggle the connector back and forth to remove it from the connection box
- i** Do not worry if you detach the red and black wire connection on the power button.

Step 4 — Microphone Connection



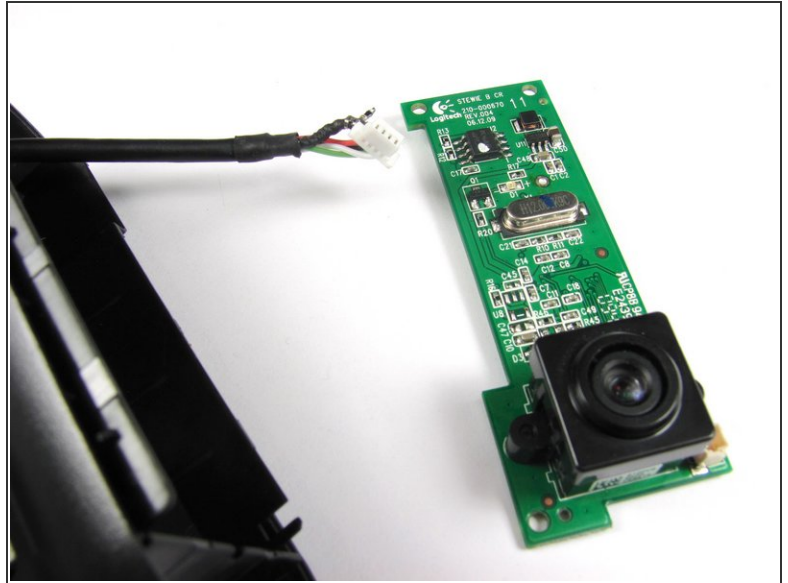
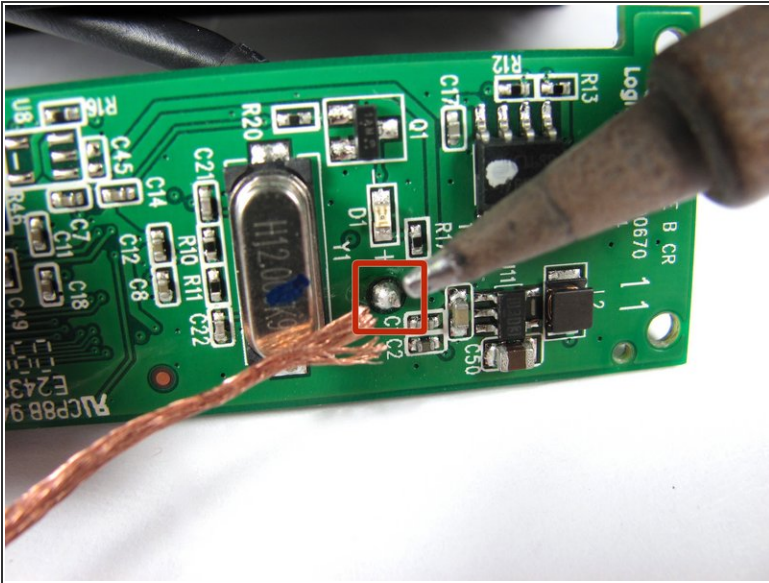
- Grasp the white wire connector between the tabs and the socket.
- Wiggle the connector back and forth to remove the front cover from the motherboard.

Step 5 — USB Connection



- 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.

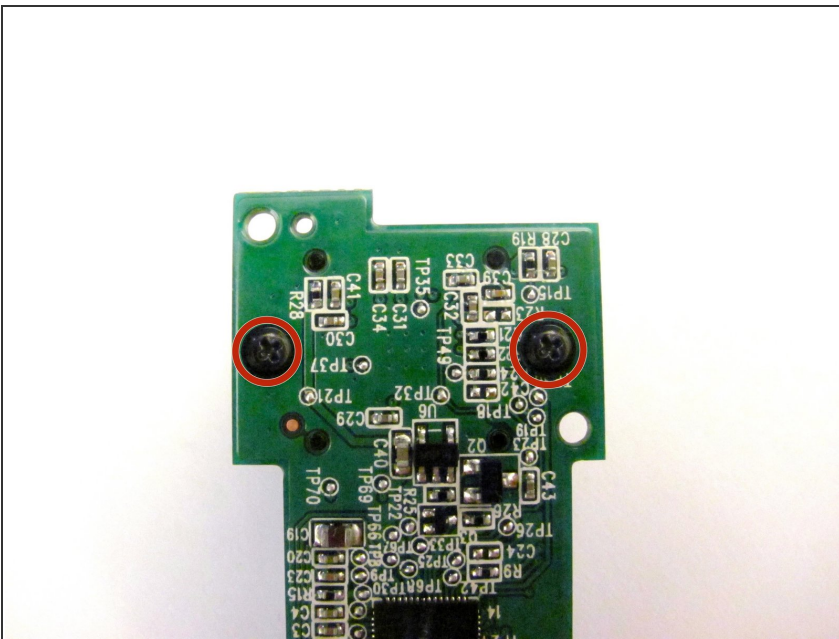
Step 6



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

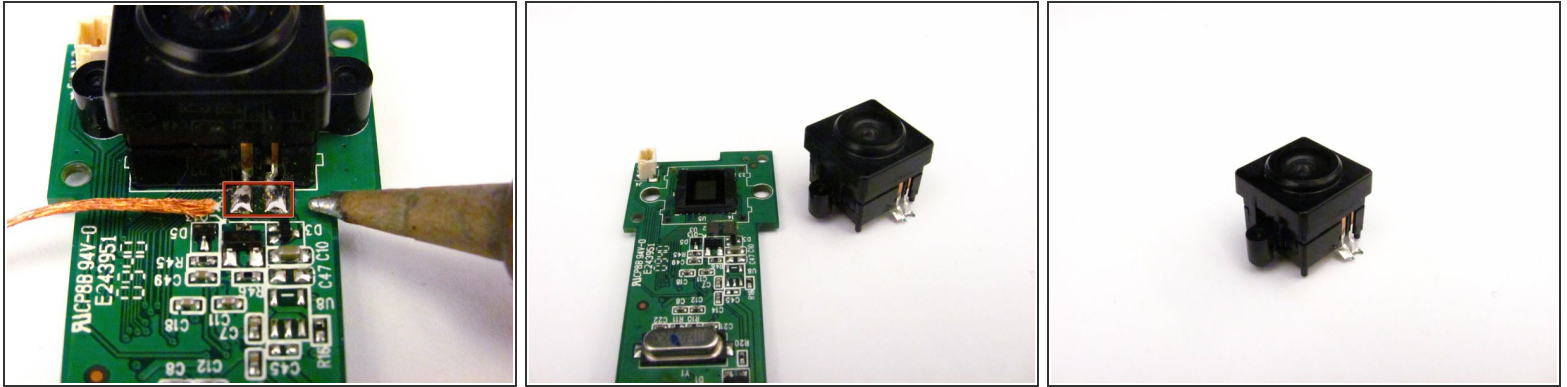
 Follow this [link](#) to learn how to properly solder and desolder your parts.

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.