iMac Intel 17" IR Board Replacement

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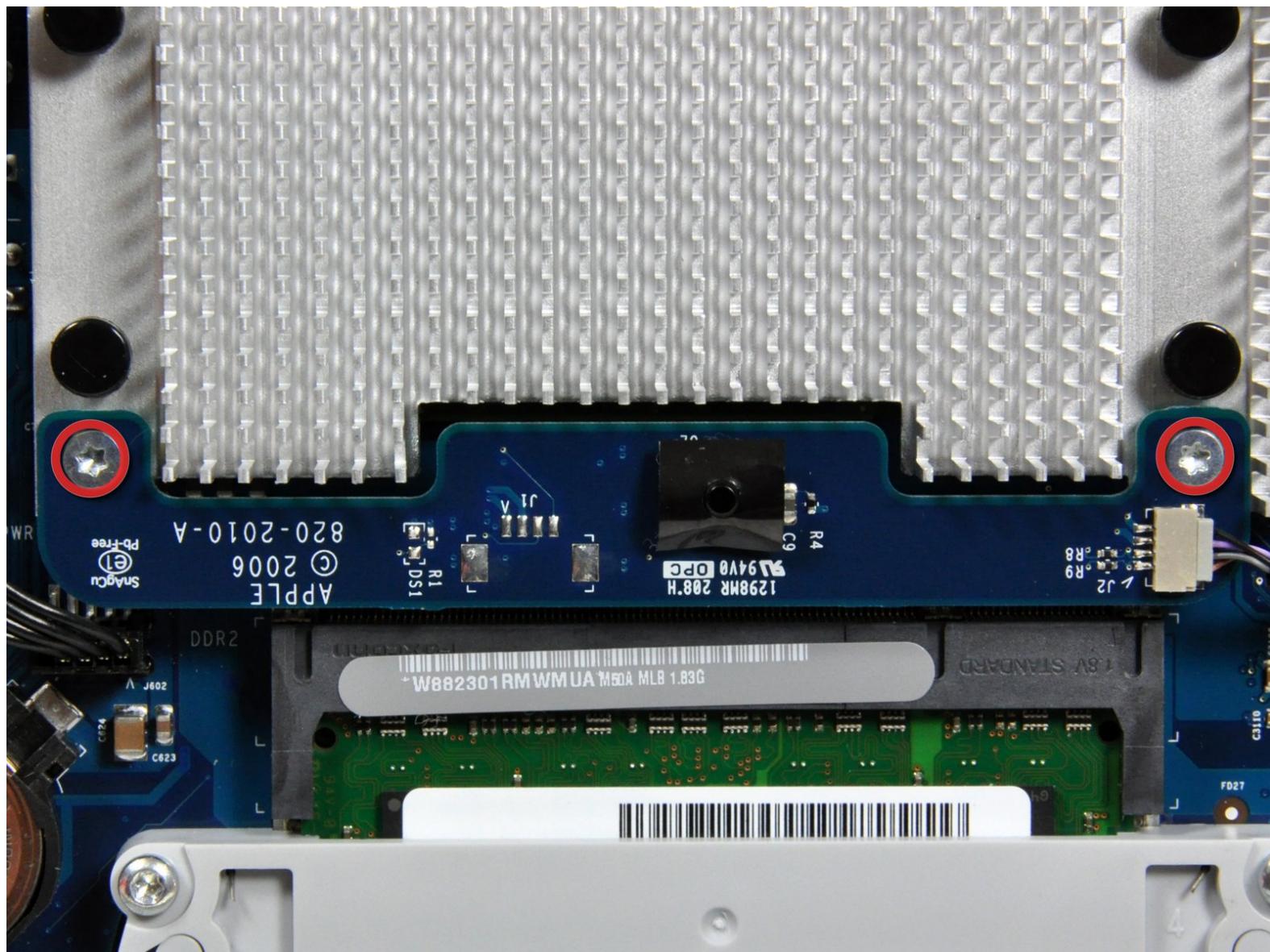
INTRODUCTION

This guide will show you how to replace the IR Board in your iMac.

🔧 TOOLS:

- Phillips #1 Screwdriver (1)
- Plastic Cards (1)
- Spudger (1)
- T6 Torx Screwdriver (1)
- T8 Torx Screwdriver (1)

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Step 1 — Access Door
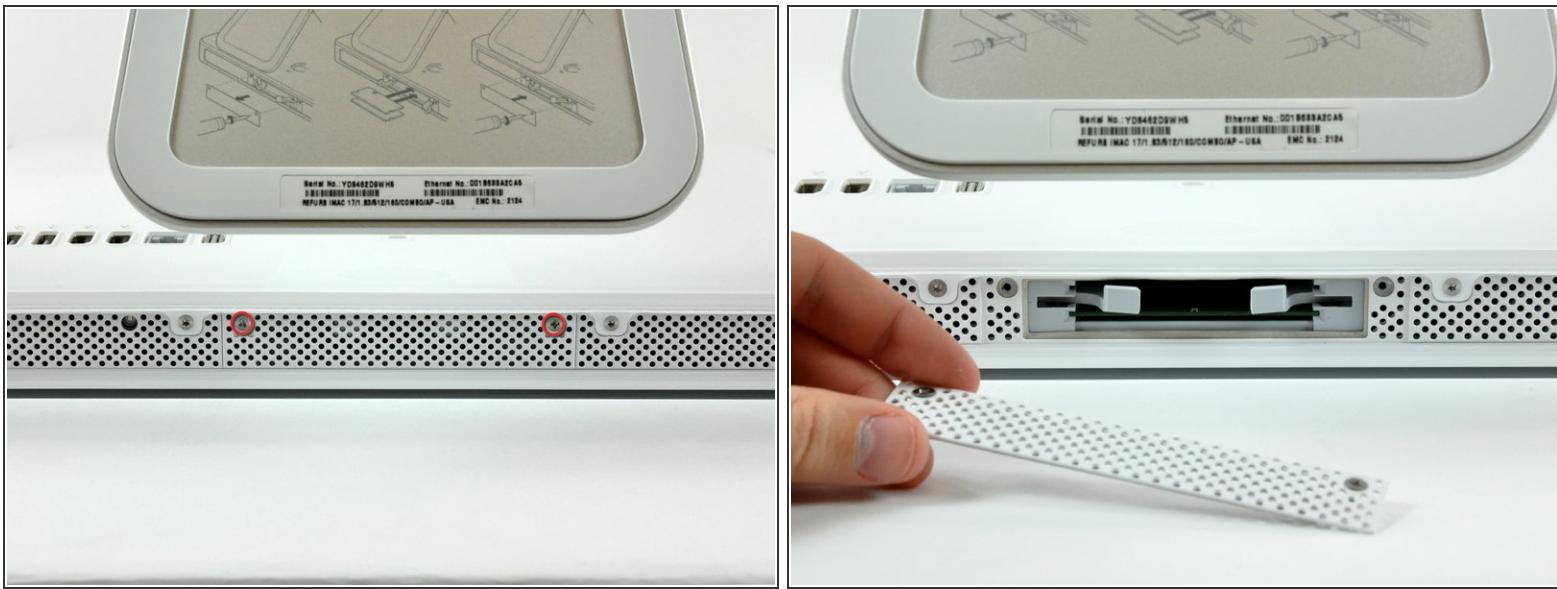
- Loosen the two captive Phillips screws securing the access door to the iMac.

- Remove the access door from the iMac.

⚠️ **Before beginning the repair, unplug the computer and press and hold the power switch for 20-30 seconds, to discharge internal capacitors.**

Step 2 — Front Bezel

- Remove the following four screws:
  - Three 6 mm T8 Torx.
  - One 8 mm T8 Torx.

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Step 3

- Flip your iMac over and lay it stand-side down on a flat surface.

- To lift the front bezel off the iMac, simultaneously:

  - Use your thumbs to press in the RAM arms and hold the iMac down.

  - Use your index fingers to pull the small bridge of material on the front bezel toward yourself.

  - Pull the Front bezel up with your index fingers.

- Once the small bridge of material has cleared the RAM arms, lift the front bezel by its lower edge just enough to clear the bottom edge of the rear case.

Step 4

ⓘ Re-orient your iMac so it sits upright on the stand.

● Insert a plastic card up into the corner of the air vent slot near the top of the rear case.

● Push the card toward the top of the iMac to release the front bezel latch.

● Pull the front bezel away from the rear case.

● Repeat this process for the other side of the front bezel.

ⓘ It may be necessary to apply several layers of duct tape to the top of the access card to aid in releasing the latches.

● If the bezel refuses to release, try pressing the lower edge back onto the rear case and repeat this opening process.

Step 5

- Lay your iMac stand-side down on a table.

- Lift the front bezel from its lower edge and rotate it away from the rest of your iMac, minding the RAM arms that may get caught.

- Lay the front bezel above the rest of the iMac.

Step 6
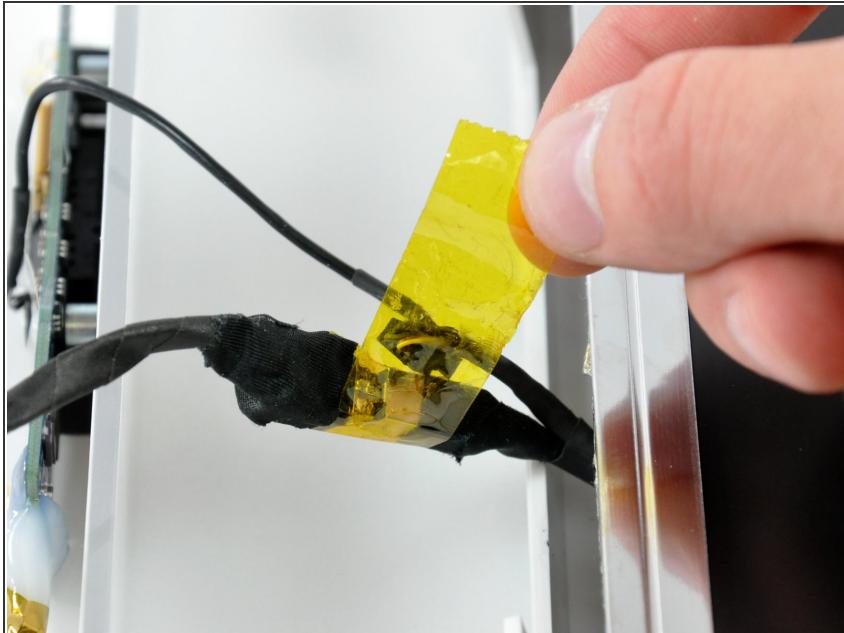
- If necessary, remove the piece of kapton tape(it is ok to toss this) wrapped around the microphone and camera cables.

Step 7
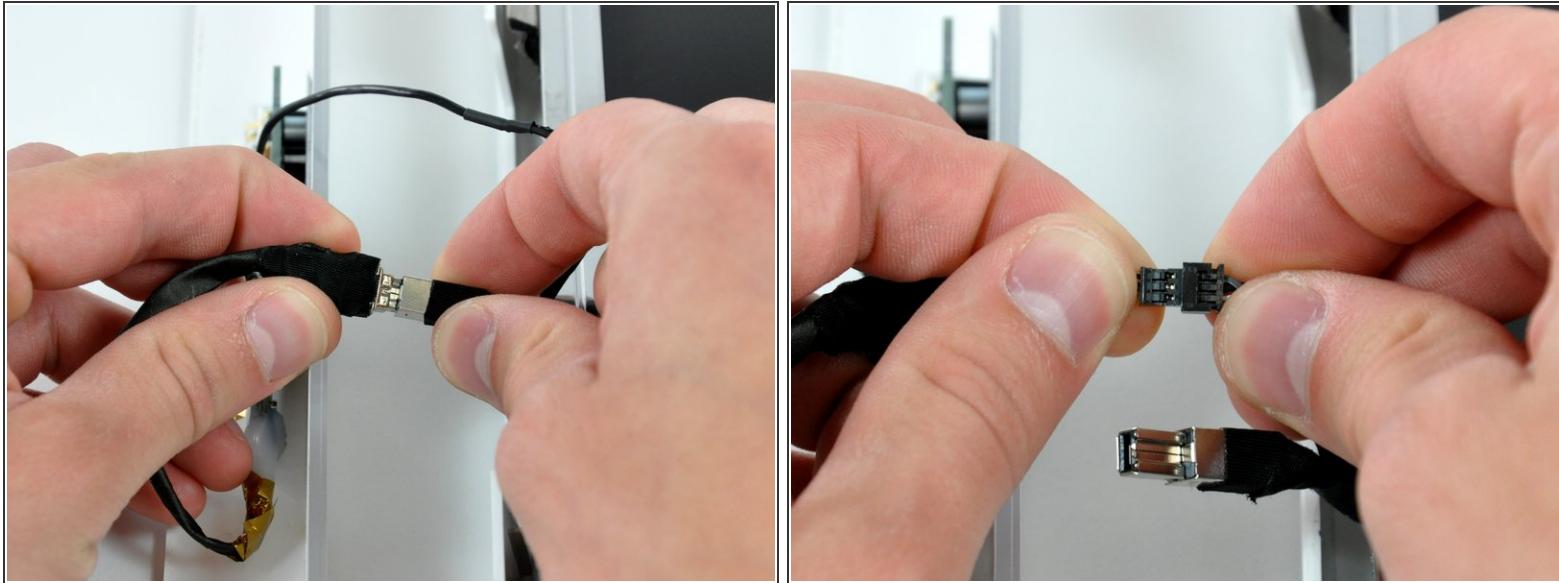
- Disconnect both the camera and microphone cables.

Step 8 — IR Board
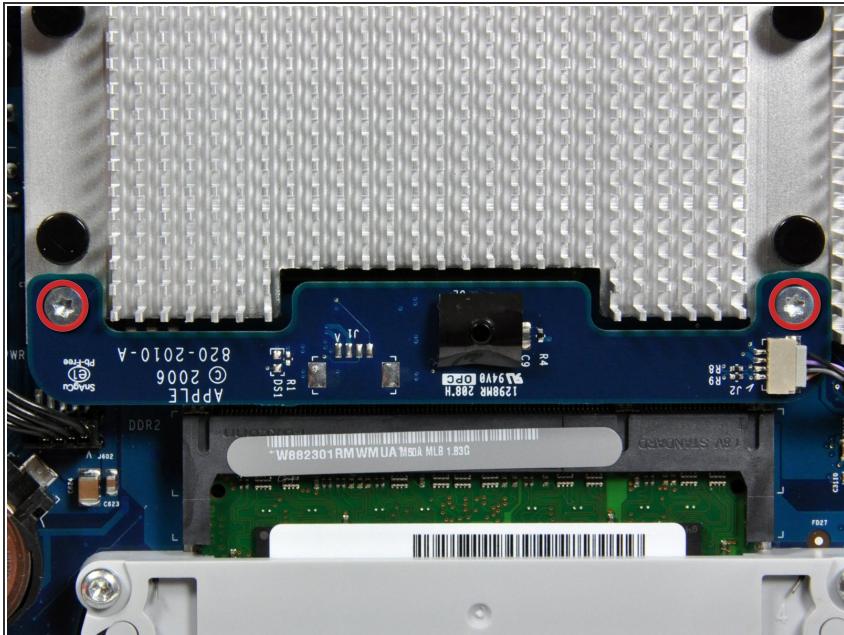
- Remove the two T8 Torx screws securing the IR Board to the rear case.

- ⓘ The IR board should fall away from the logic board after removing these screws.

Step 9
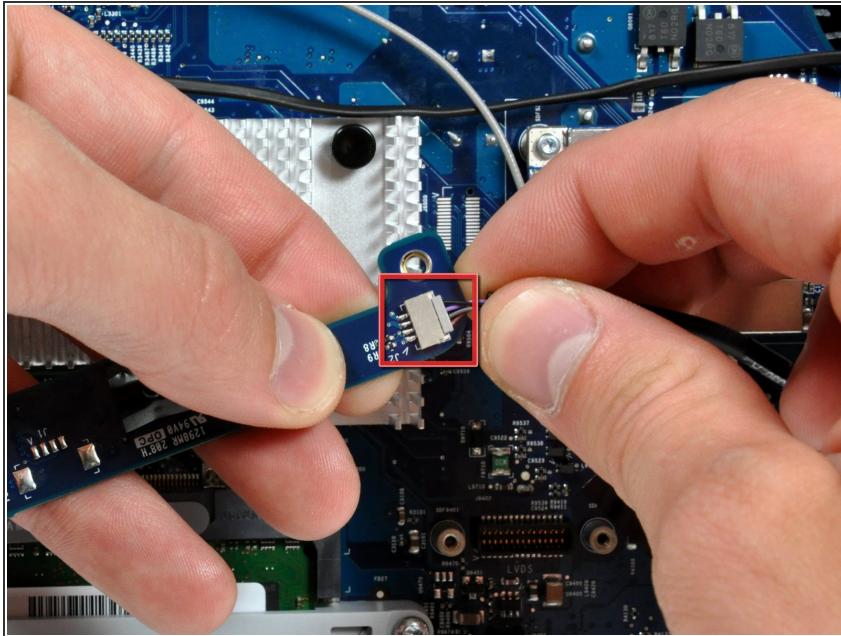
- Disconnect the IR Board cable from its socket on the IR Board.

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