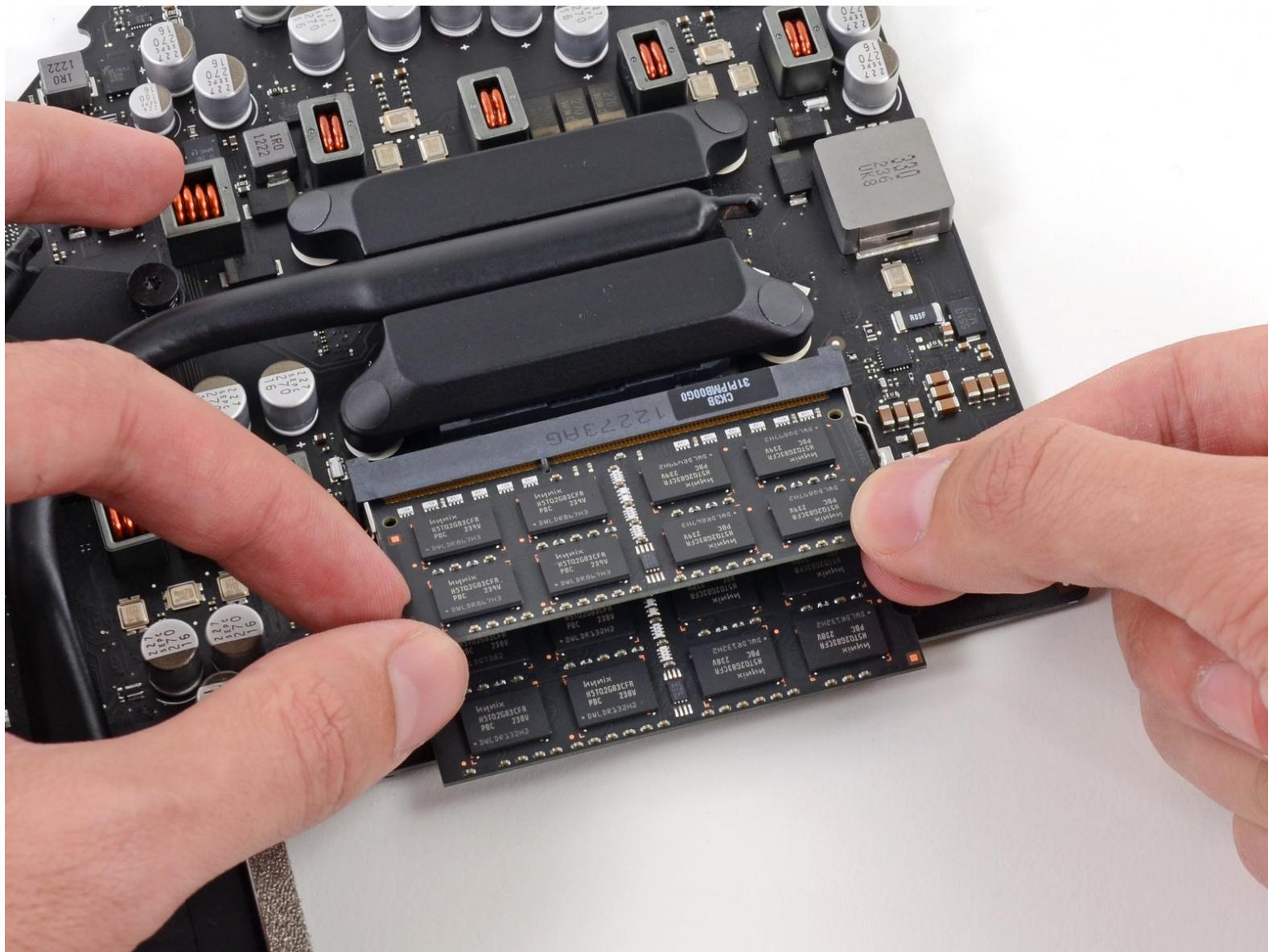




# Upgrading iMac Intel 21.5" EMC 2544 RAM Memory

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# INTRODUCTION

Upgrade up to 16 GB of RAM memory in your 21.5" iMac

All photos are property of iFixit

## TOOLS:

- 3M 4910 VHB double sided tape 5mm (1)  
*You can get it on hardware stores or eBay*
- Heavy-Duty Suction Cups (Pair) (1)
- iFixit Opening Picks set of 6 (1)
- Spudger (1)
- T10 Torx Screwdriver (1)
- T8 Torx Screwdriver (1)

## PARTS:

- PC3-12800 2 GB RAM Chip (1)
- PC3-12800 4 GB RAM Chip (1)
- PC3-12800 8 GB RAM Chip (1)

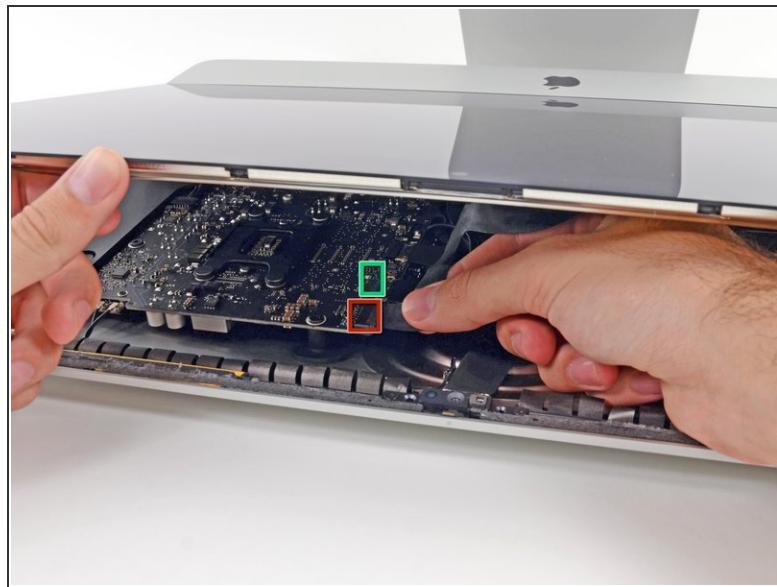
## Step 1 — Unglue the screen



- First you need to remove the glue from the edge of the iMac
- Use a Guitar Pick around the screen to remove the glue

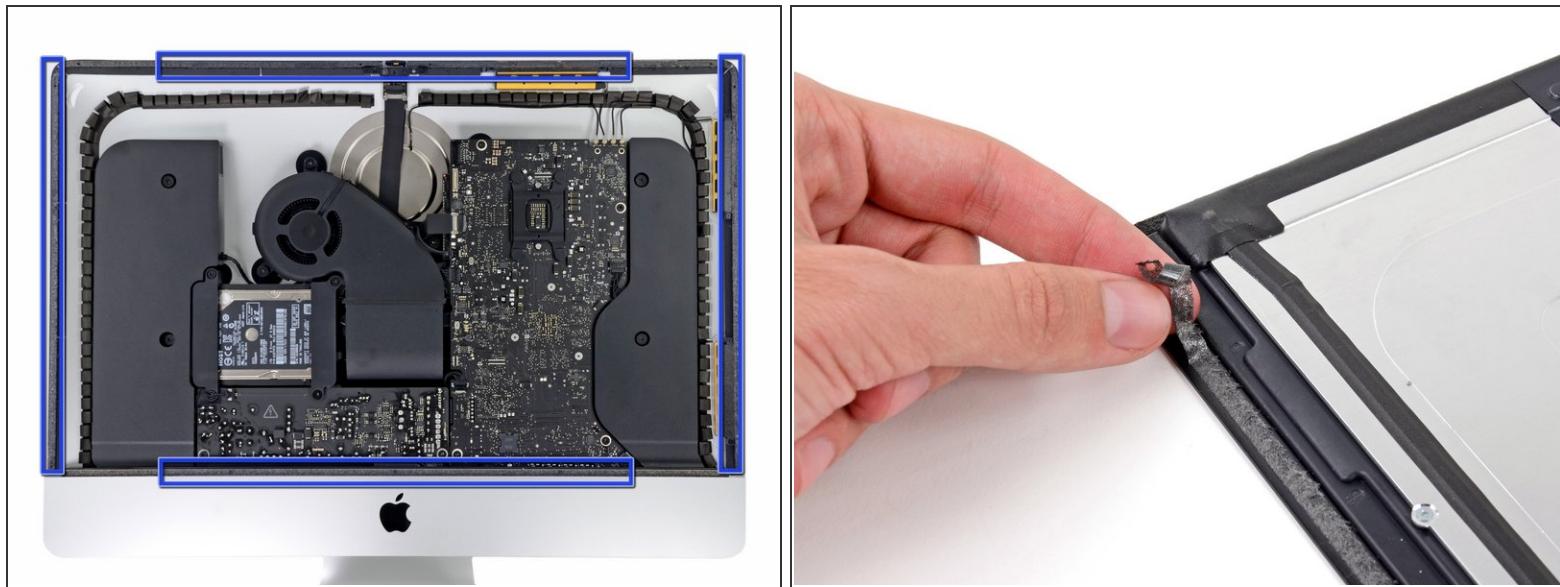
 Be careful not to damage the iSight camera

## Step 2 — Screen



- Once you are sure the adhesive is removed, use two heavy suction cups to lift the screen
- Unplug these cables:
  - DisplayPort Cable
  - Power Cable
- Lift the screen from the iMac

## Step 3 — Adhesive



- Remove the gray tape from the iMac and the screen itself
- ⓘ When reassembling the iMac, put double sided tape on the screen and the iMac

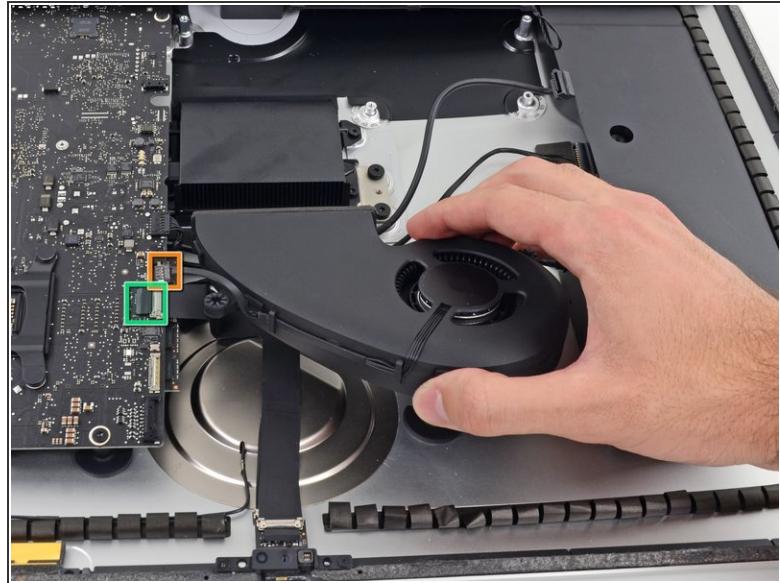
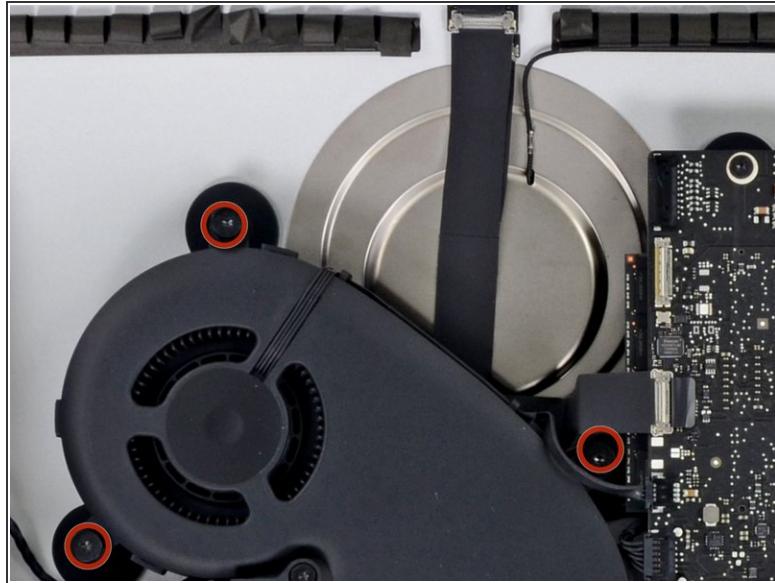
## Step 4 — Hard drive



- Remove the four Torx T10 screws
- Unplug the SATA cables and remove the hard drive

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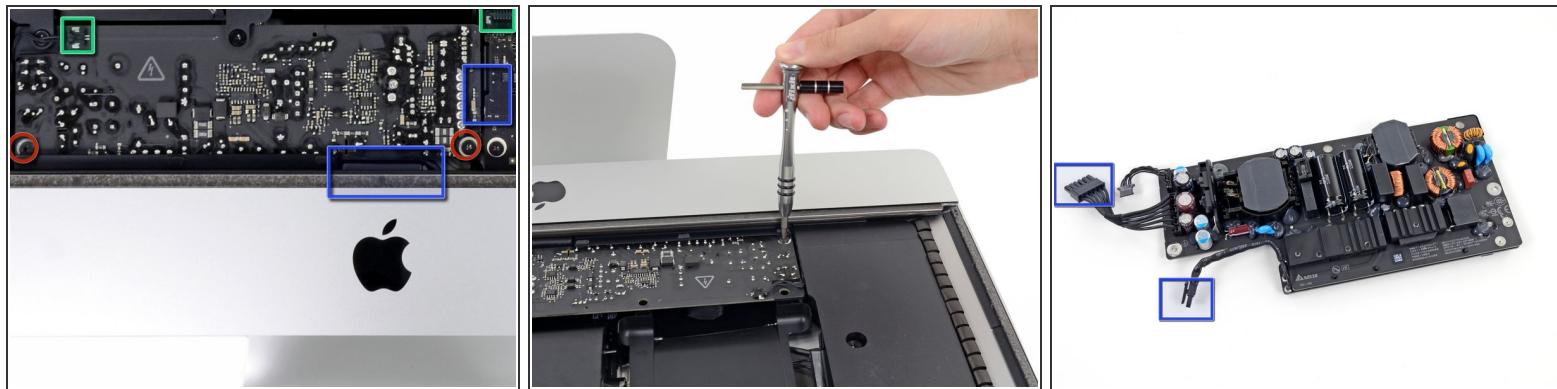
## Step 5 — Fan



- Remove these 3 Torx T10 screws
- After you remove the screws, remove these cables
  - Fan Cable
  - Unstick and unplug the camera cable

*(i)* After you remove the fan, remove the hard drive bay removing a single Torx T10 screw

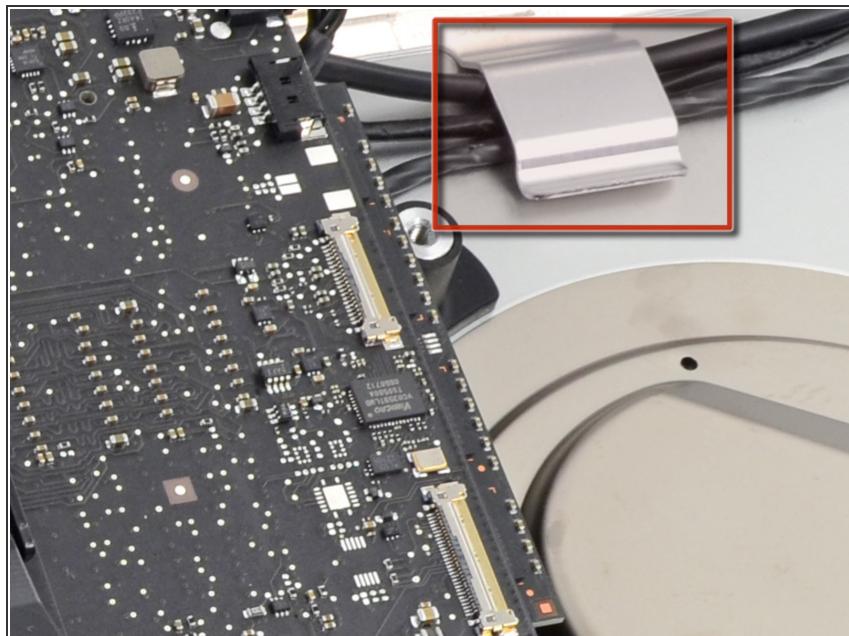
## Step 6 — Power board



- Remove these 2 Torx T10 screws
- Unplug these 2 cables
- Unplug 2 more cable below the power board by pressing the clip

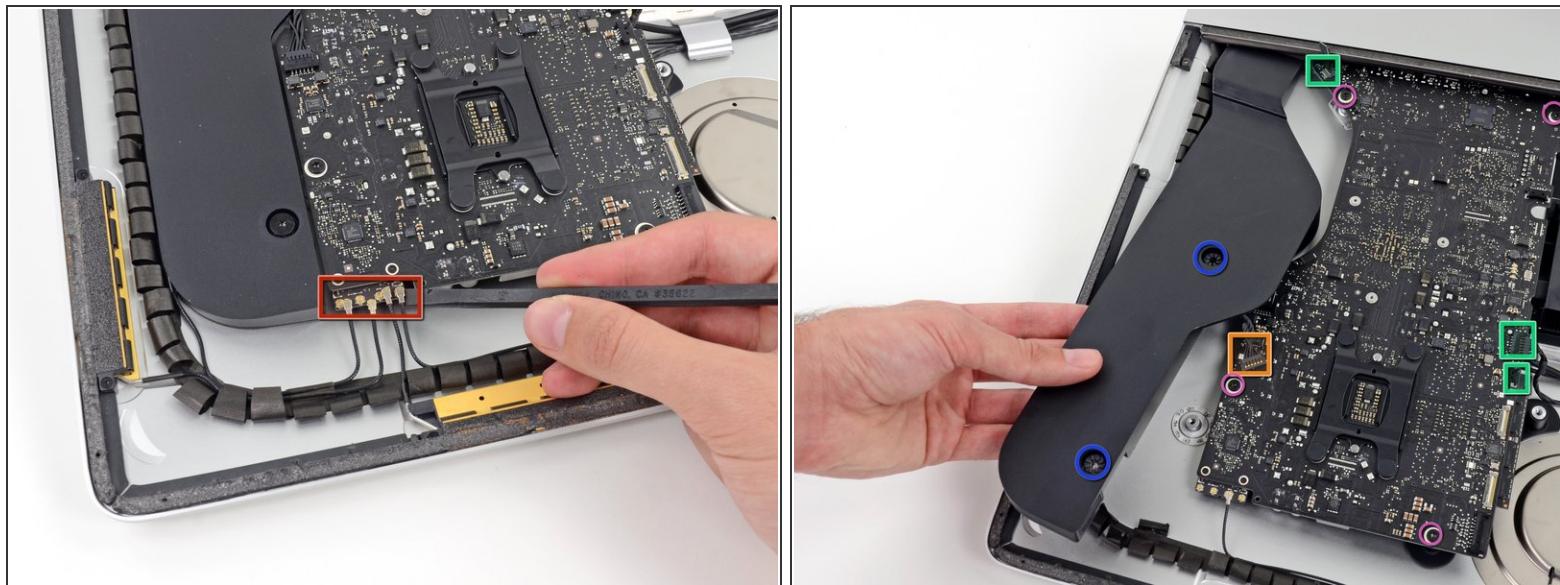
*(i)* The power board is hard to remove from its place, remove it carefully

## Step 7



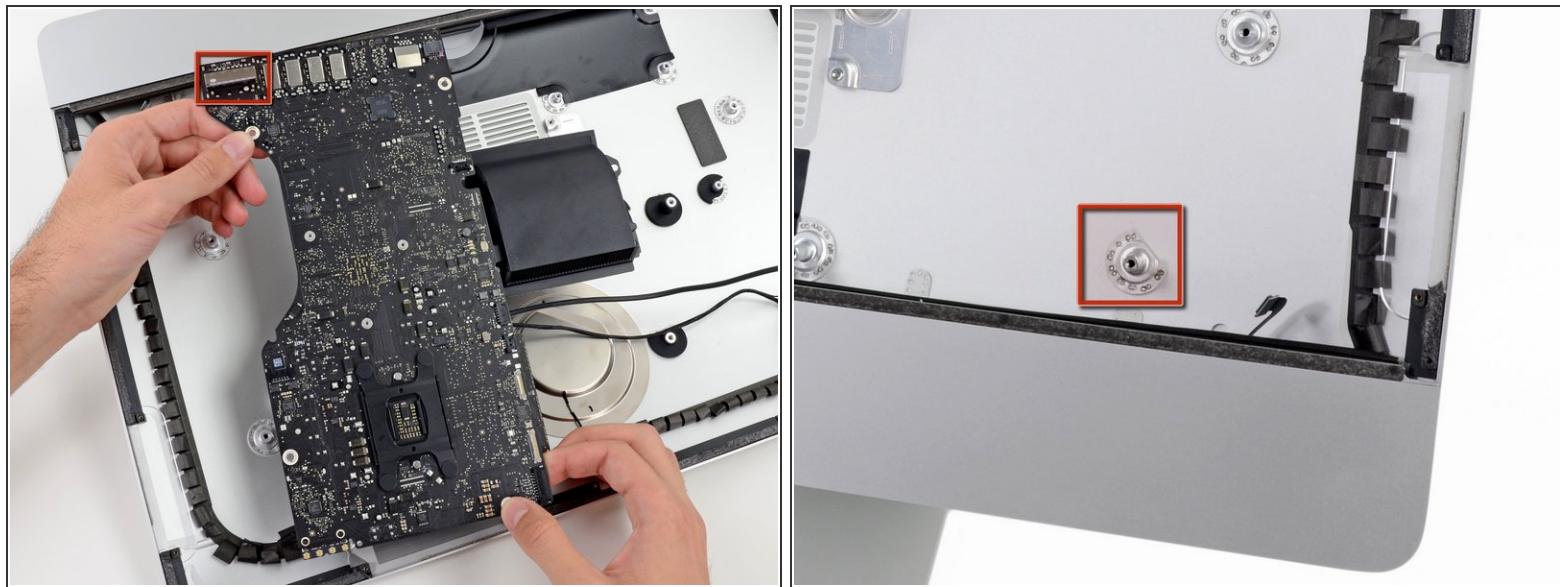
- Remove the cables out of the clip

## Step 8



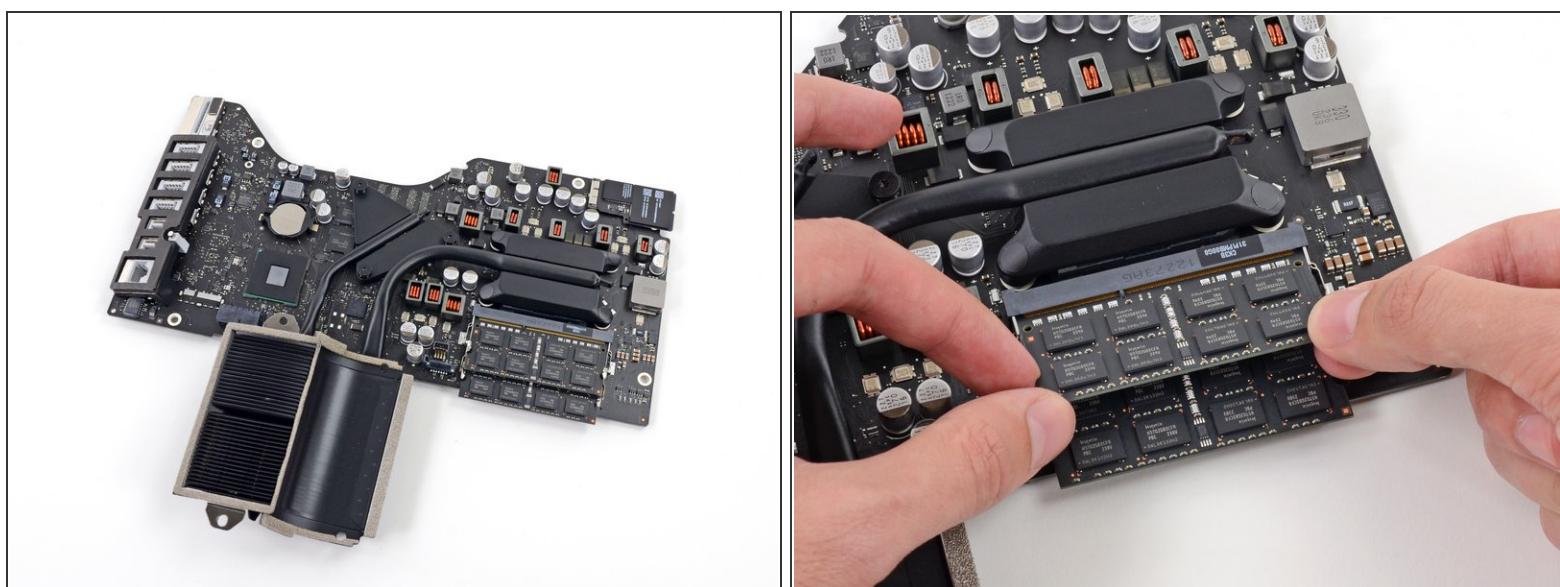
- Unplug these 4 antenna connectors
- *(i)* When reassembling be sure that the connectors are in the same place
- After that, remove these two Torx T10 screws
- Move the speaker and unplug the cable from the logic board
- Remove these other cables
- For finish, remove these four Torx T10 screws

## Step 9 — Logic Board



- Unscrew 3 Torx T8 screws from the heatsink, then remove the logic board from the iMac
- ⚠ Be careful not to damage the SD card reader with the screw mount

## Step 10 — RAM memory



- Flip the logic board over and release the tabs from each side of the RAM

To reassemble your device, follow these instructions in reverse order remembering to re-glue the screen.