Mac Mini Late 2014 Logic Board Assembly Replacement

Prereq to remove the logic board assembly.

Written By: Sam Goldheart

INTRODUCTION

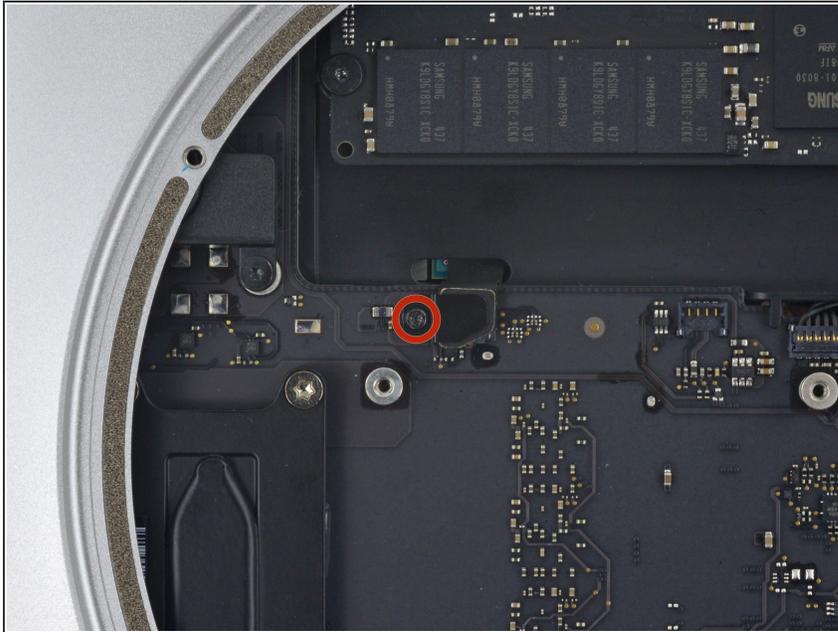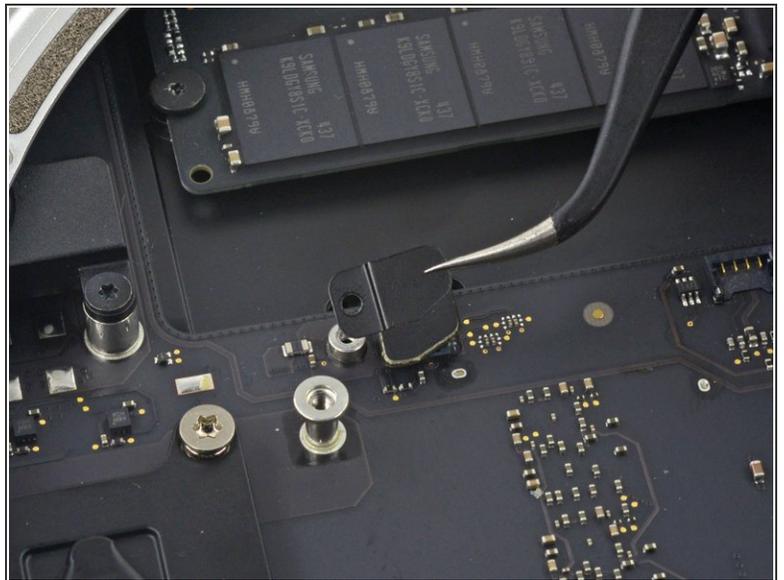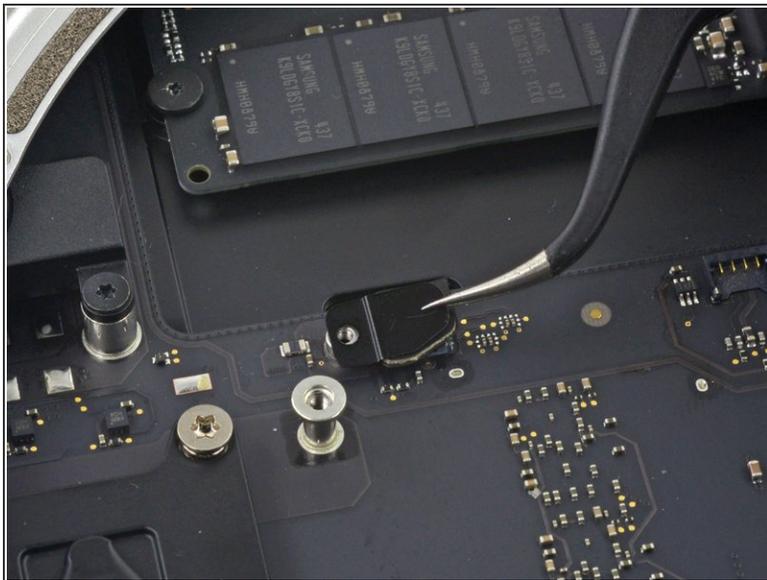Prerequisite only.

🔧 TOOLS:

- [Mac Mini Logic Board Removal Tool](#) (1)
- [Spudger](#) (1)

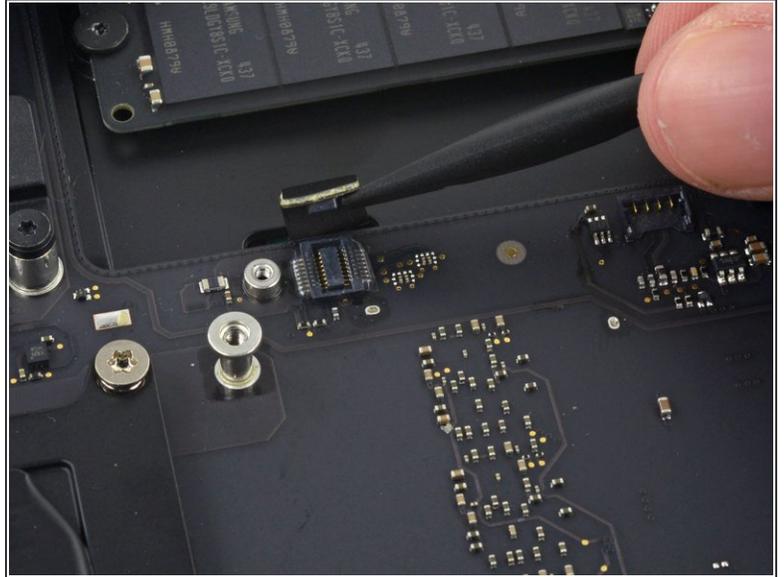## Step 1 — Logic Board Assembly

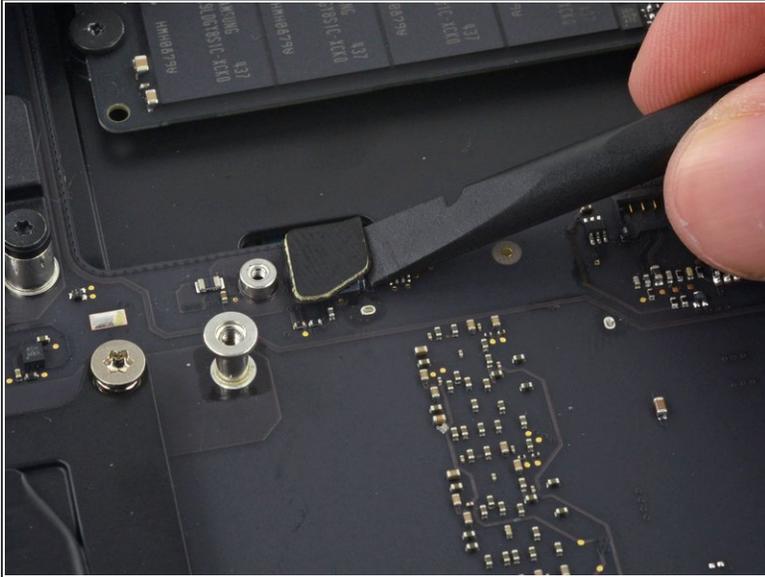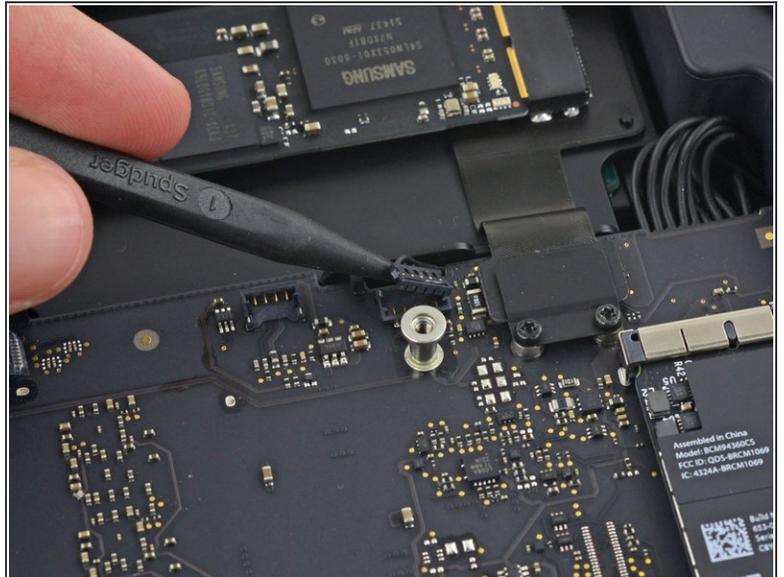- Remove the 2.6 mm T6 screw securing the SATA cable connector bracket.
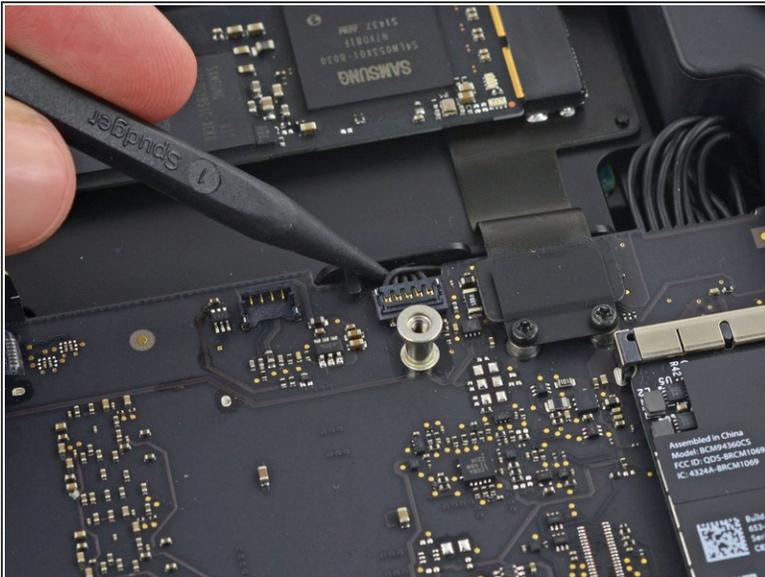
Step 2

- Remove the SATA cable connector bracket.
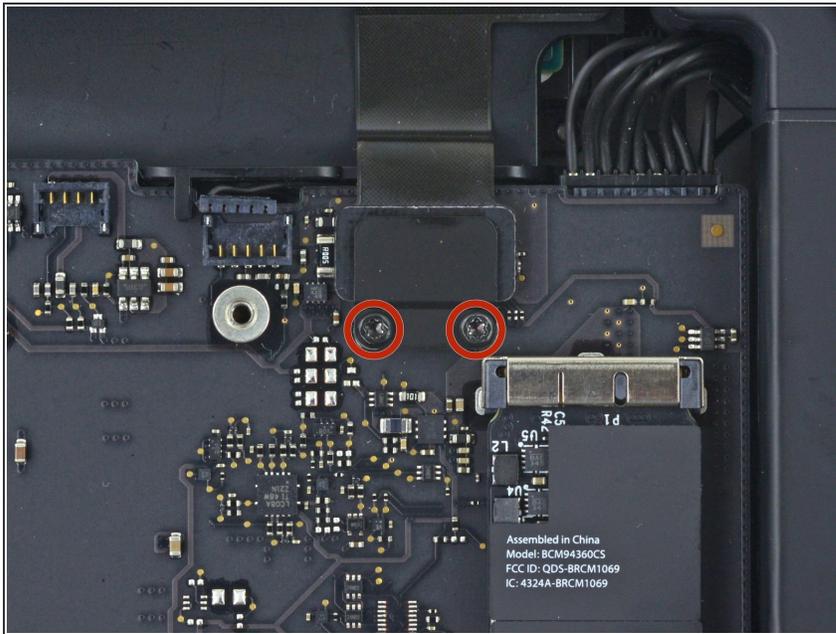
       www.iFixit.com

Step 3

- Use the flat end of a spudger to lift the SATA cable connector up off of its socket on the logic board.

Step 4

- Use the tip of a spudger to disconnect the IR sensor cable connector by prying it straight up from its socket.

This document was generated on 2019-09-23 02:31:03 PM (MST).

Step 5

- The following three steps only apply to Mac minis equipped with a PCIe SSD. Skip the next three steps if your Mac mini only has a hard drive.

- Remove the two 2.6 mm T6 screws securing the PCIe SSD cable bracket.

Step 6
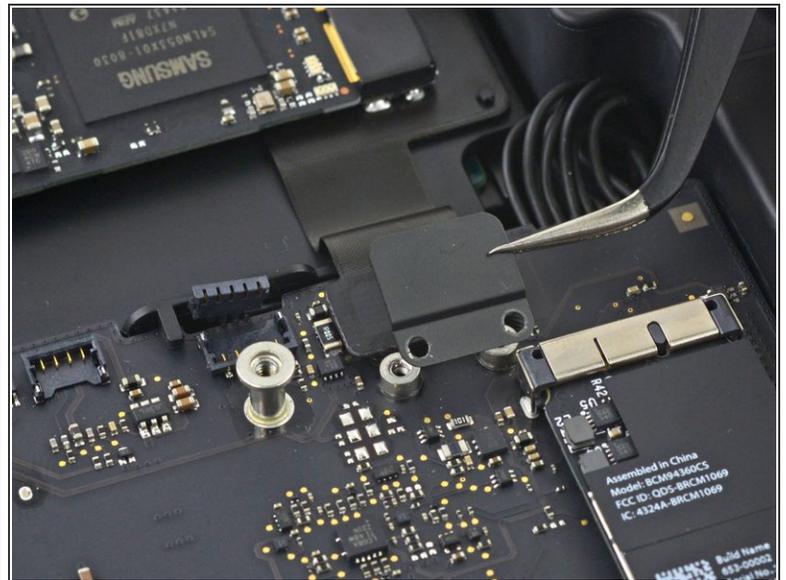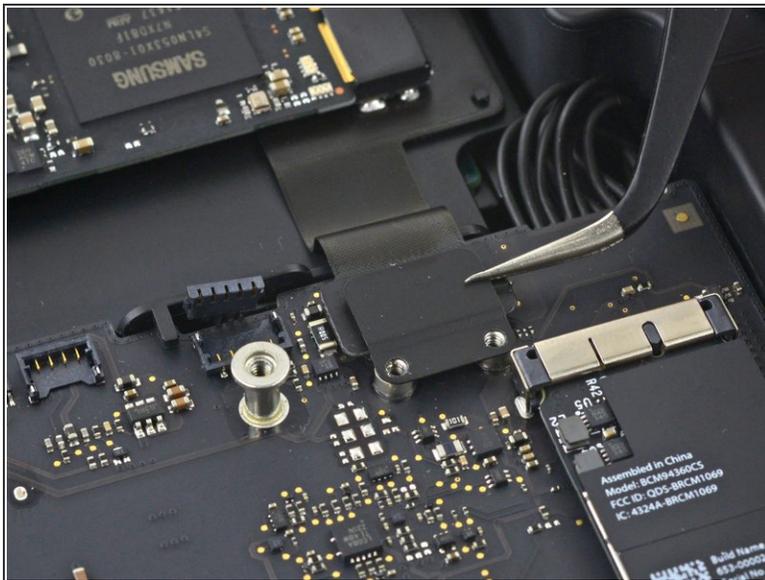
- Remove the PCIe SSD cable bracket.

Step 7
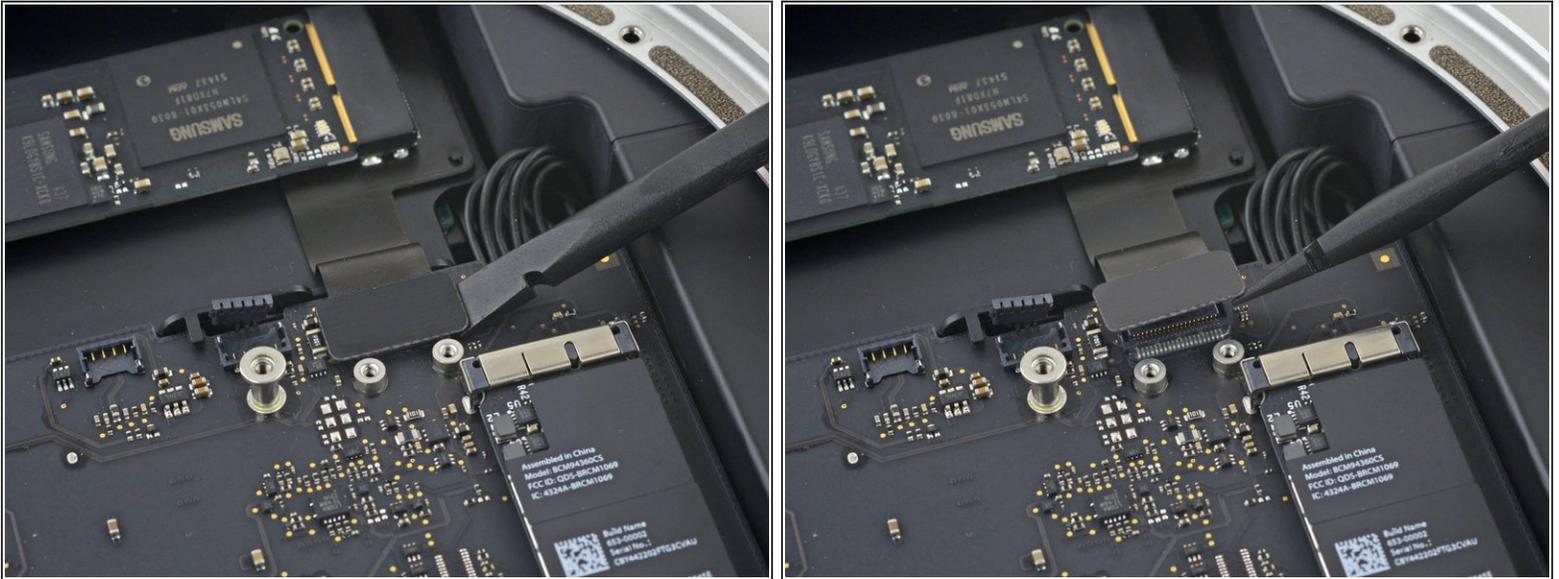
- Lift the PCIe SSD connector up off its socket.

Step 8

- Remove the single 16 mm T6 screw securing the logic board.

This document was generated on 2019-09-23 02:31:03 PM (MST).

Step 9

⚠️ To remove the logic board, the two cylindrical rods of the Mac mini Logic Board Removal Tool must be inserted into the holes highlighted in red. Inserting instruments into any logic board holes other than the ones highlighted in red may destroy the logic board.

● Insert the Mac mini Logic Board Removal Tool into the two holes highlighted in red. Be sure the rods make contact with the case under the logic board before proceeding.

Step 10

● Carefully pull the tool toward the I/O board. The logic board and I/O board assembly should slightly slide out of the outer case.

● Cease prying when the removal tool makes contact with the opening in the rear case.

ⓘ Remove the Mac mini Logic Board Removal tool.

This document was generated on 2019-09-23 02:31:03 PM (MST).
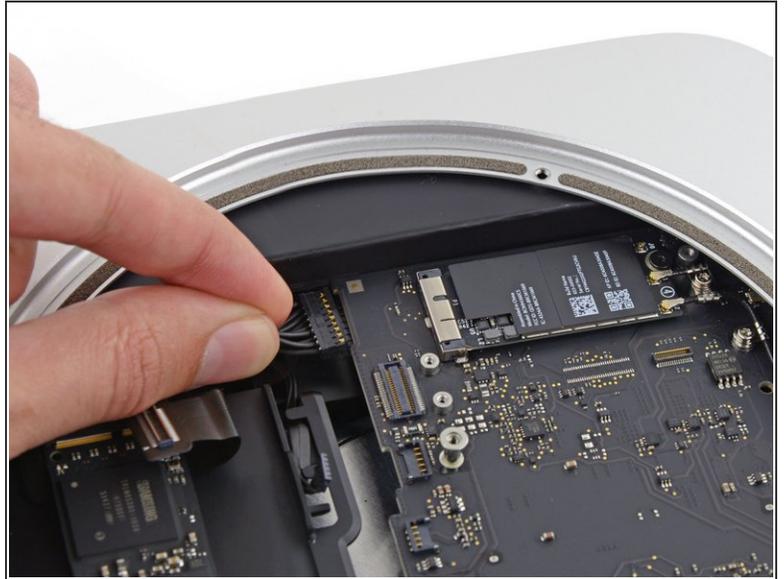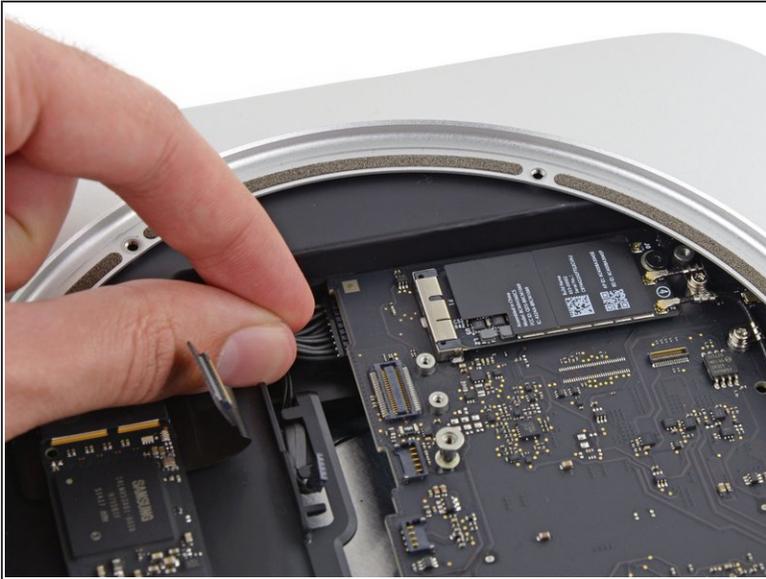
Step 11

- Pull the DC-In cable connector straight out of its socket on the logic board.

Step 12

- Carefully slide the logic board assembly out of the Mac mini, minding any cables that may get caught.

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

This document was generated on 2019-09-23 02:31:03 PM (MST).