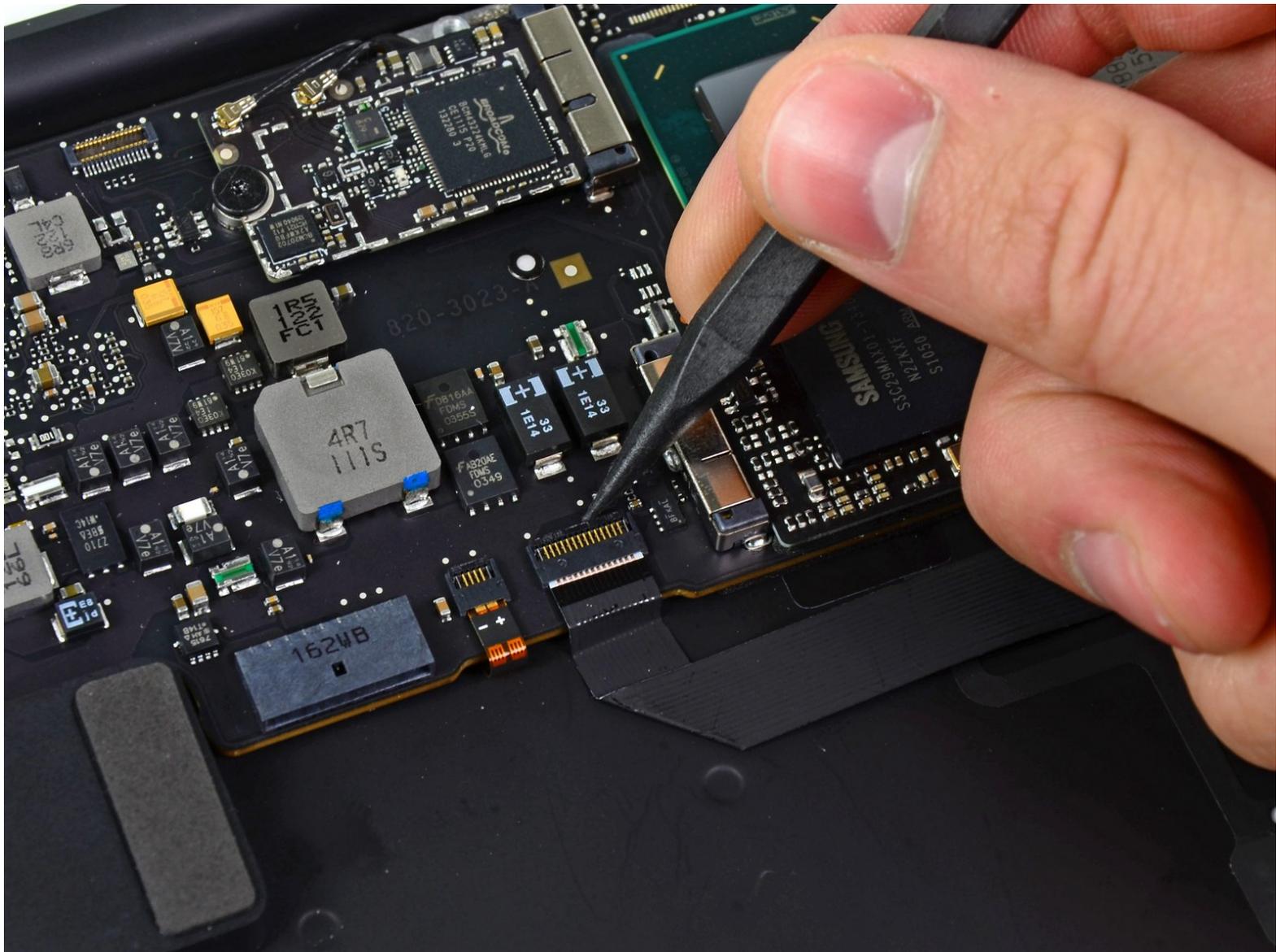




# MacBook Air 13" Mid 2011 Logic Board Replacement

Internal Prerequisite.

Written By: Andrew Bookholt



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## INTRODUCTION

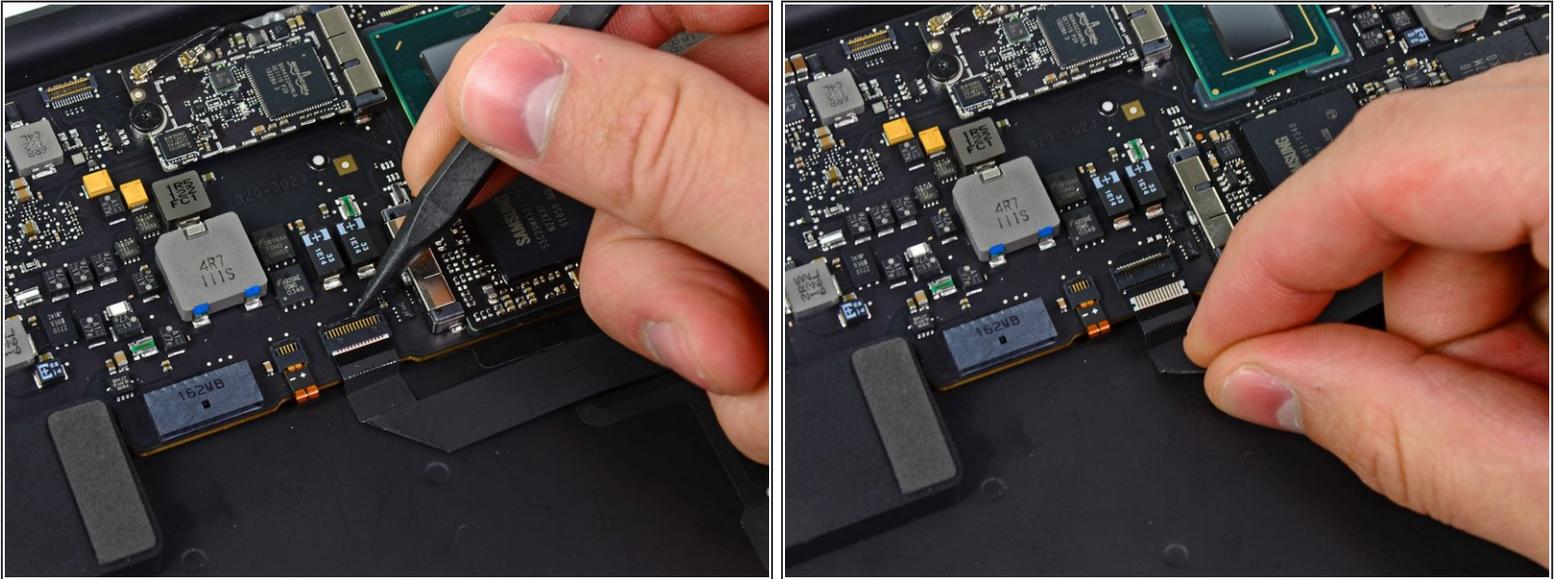
Internal Prerequisite.

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### TOOLS:

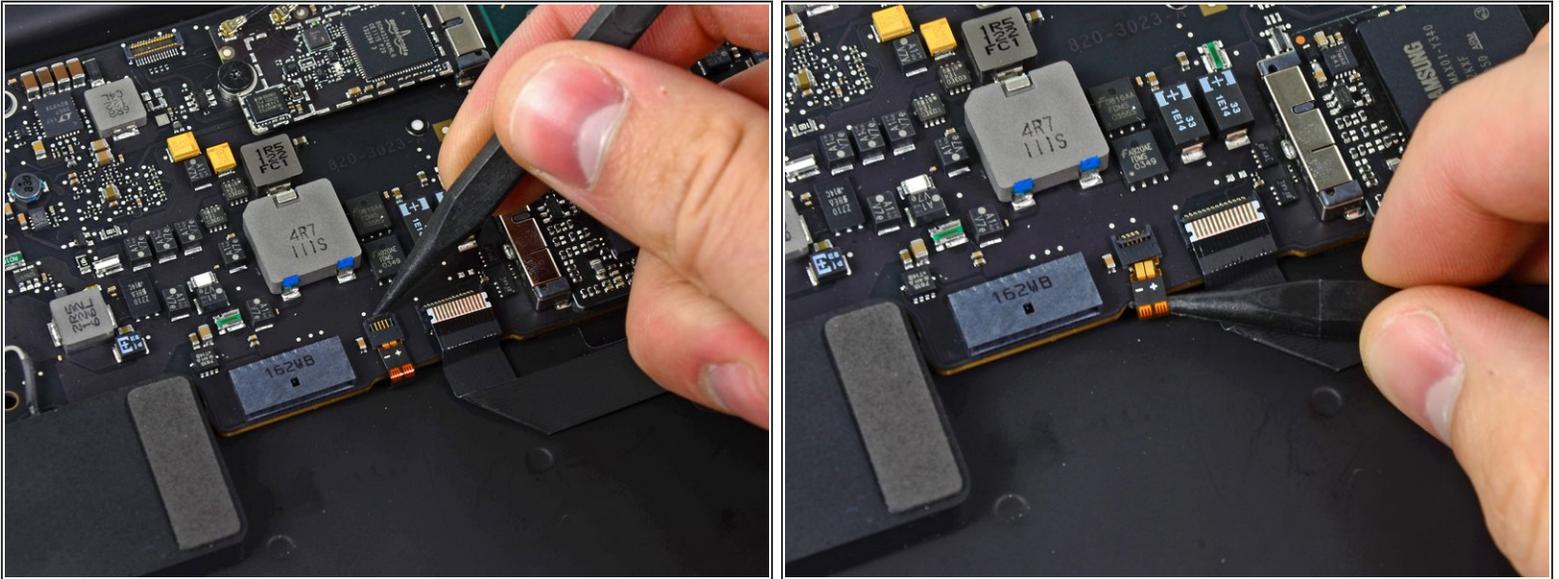
- [T5 Torx Screwdriver](#) (1)
  - [T8 Torx Screwdriver](#) (1)
  - [Spudger](#) (1)
-

## Step 1 — Logic Board



- Use the tip of a spudger or your fingernail to flip up the retaining flap on the trackpad ribbon cable ZIF socket.
  - Be sure you are prying up on the hinged retaining flap, **not** the socket itself.
- ⚠ Pull the trackpad ribbon cable straight out of its socket toward the front edge of the Air.

## Step 2

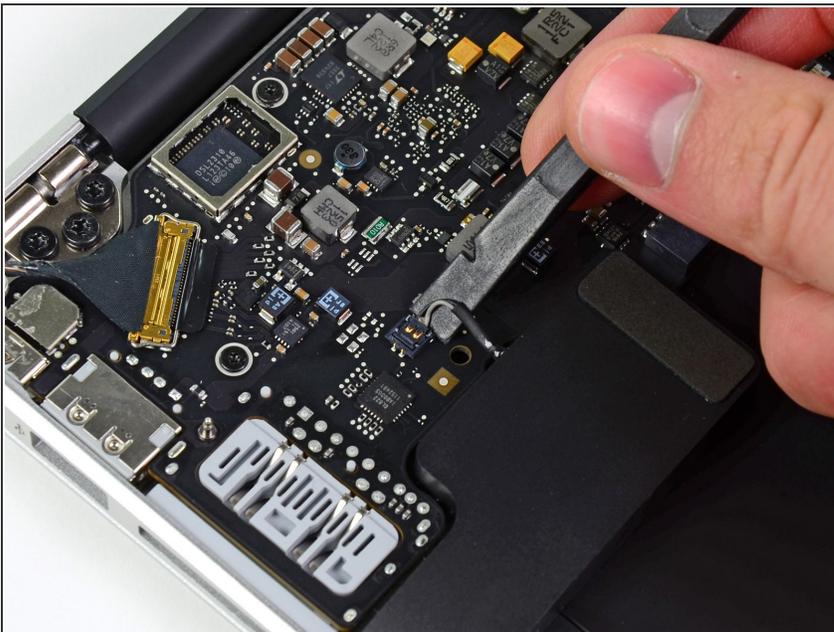


- Use the tip of a spudger to flip up the retaining flap on the keyboard backlight ribbon cable ZIF socket.

⚠ Be sure you are prying up on the hinged retaining flap, **not** the socket itself.

- Use your spudger to help pull the cable out of its socket.

## Step 3



- Use the flat end of a spudger to pry the right speaker cable connector up and out of its socket on the logic board.

ⓘ Pry up from beneath the cables.

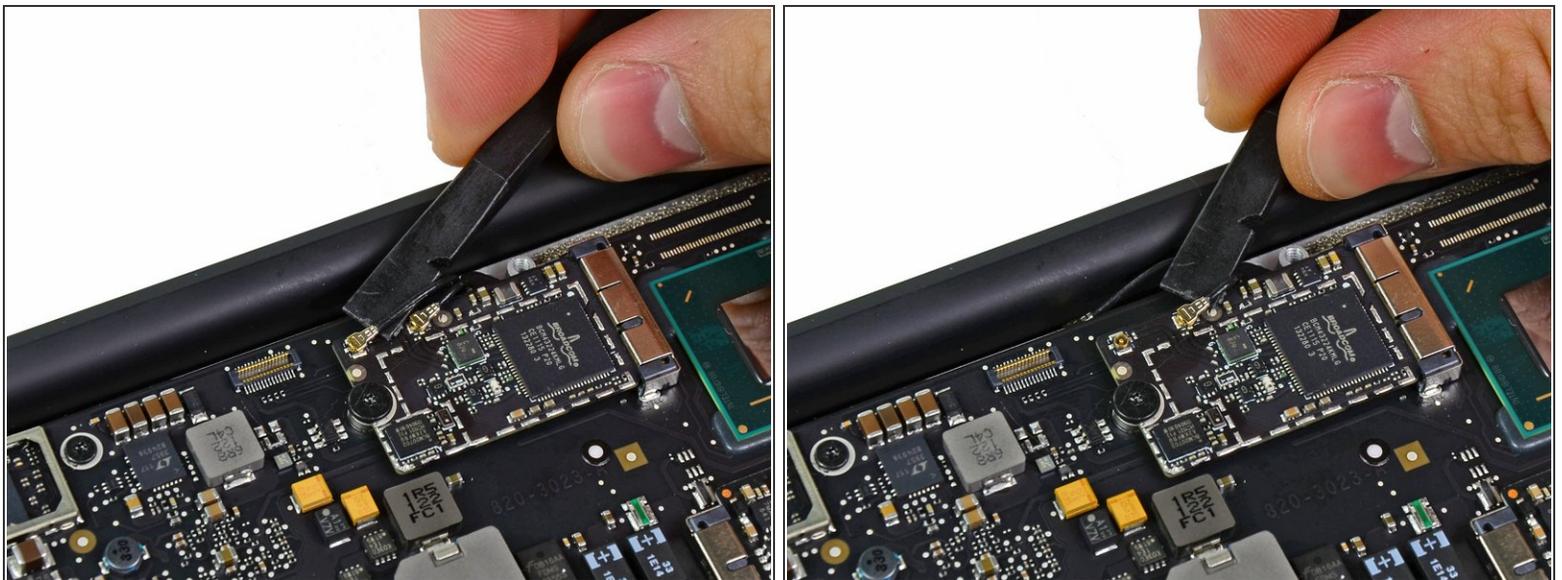
## Step 4



- Gently push the tip of a spudger under the black plastic flap stuck to the display data cable lock to make the lock pop upward and away from the socket.
- While holding the lock away from the socket, use the tip of a spudger and your fingers to gently remove the display data cable from its socket.

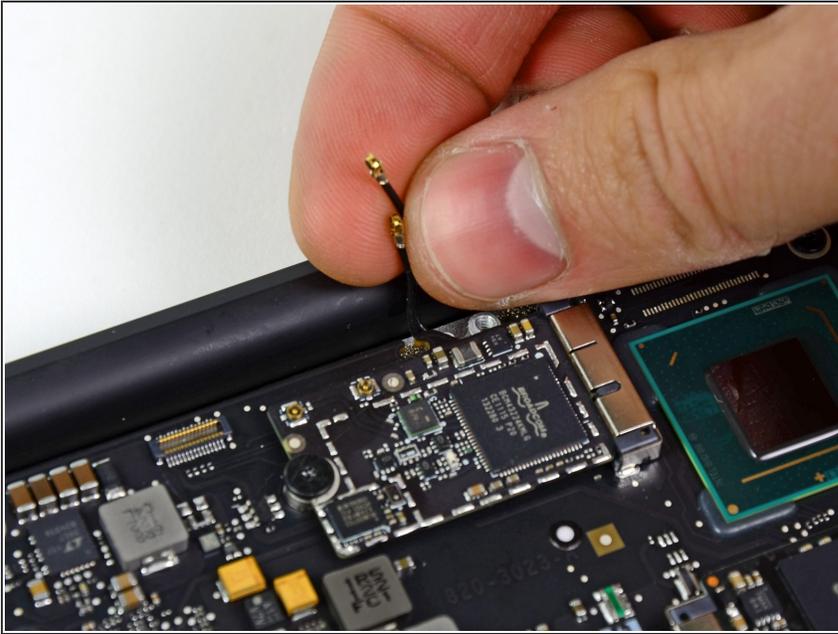
 Do not pull upward on the display data cable as you disconnect it, as its socket may break off the logic board.

## Step 5



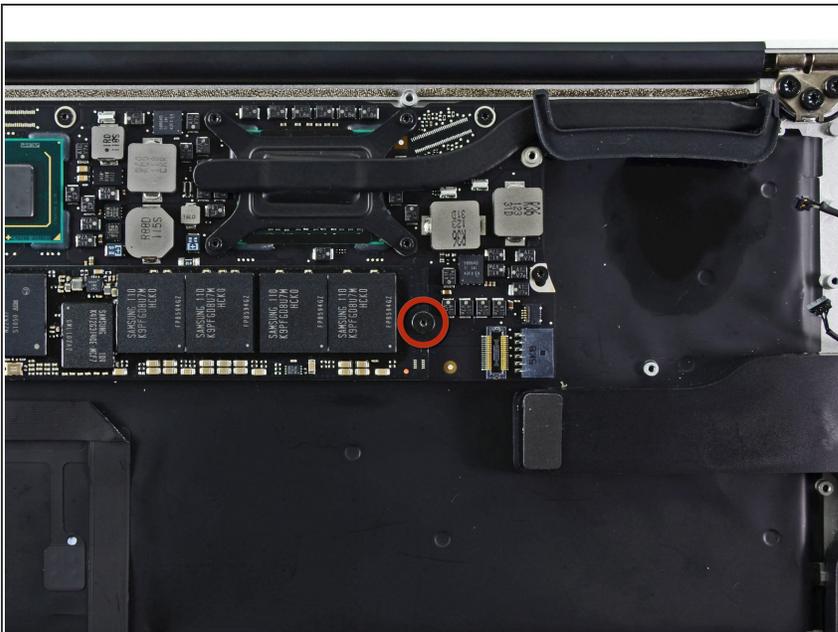
- Use the flat end of a spudger to pry both antenna cable connectors up and off their sockets on the AirPort/Bluetooth card.

## Step 6



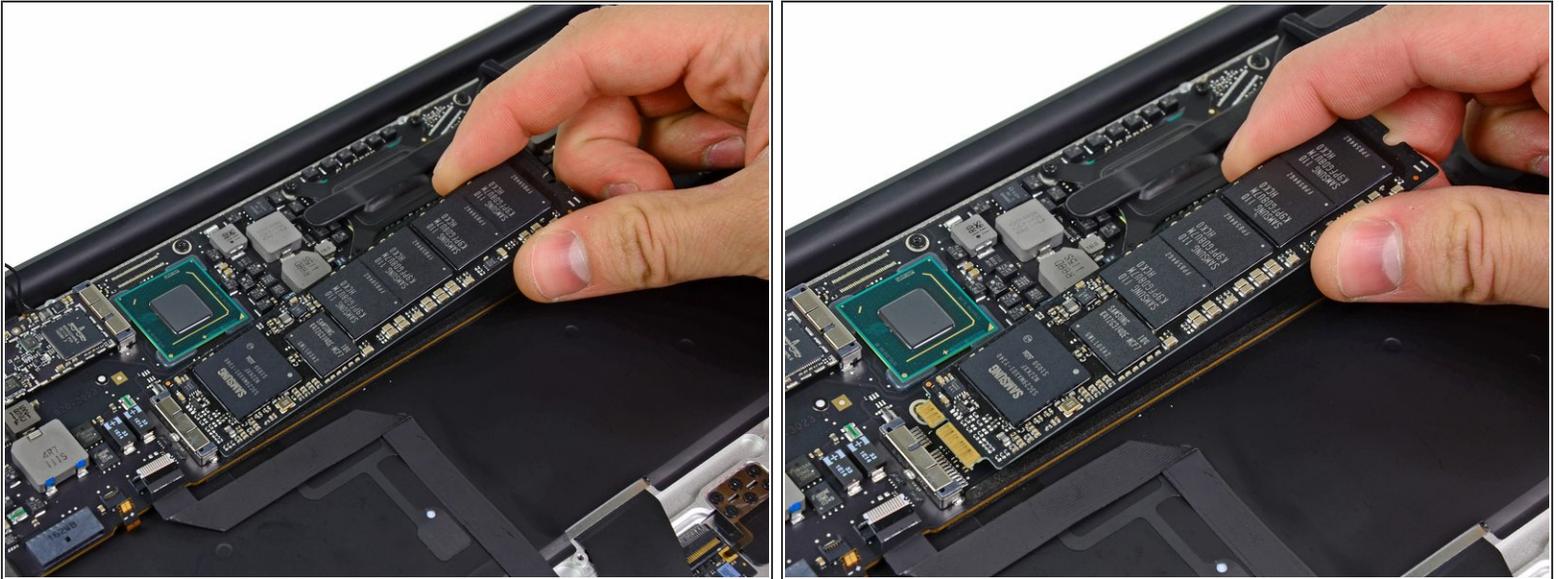
- Gently de-route the antenna cables from the slot cut into the logic board.

## Step 7



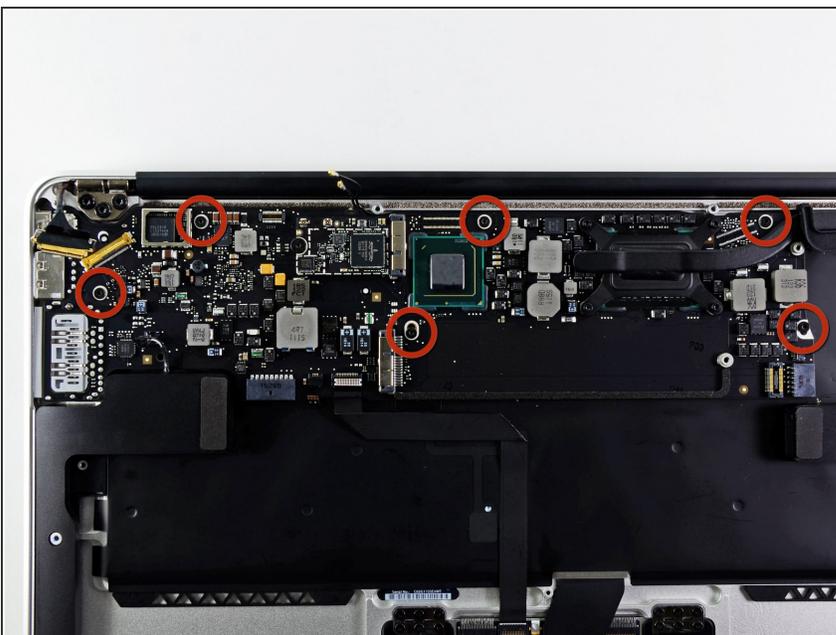
- Remove the single 2.85 mm T5 Torx screw securing the SSD to the logic board.

## Step 8



- ⚠ To avoid damaging its socket, do not lift the end of the SSD excessively.
- Pull the drive straight out of its socket and remove it from the logic board.
- ☑ When reinstalling the SSD, be sure it is properly seated before reinstalling its retaining screw.

## Step 9



- Remove the six 6.3 mm T5 Torx screws securing the logic board to the upper case.

## Step 10



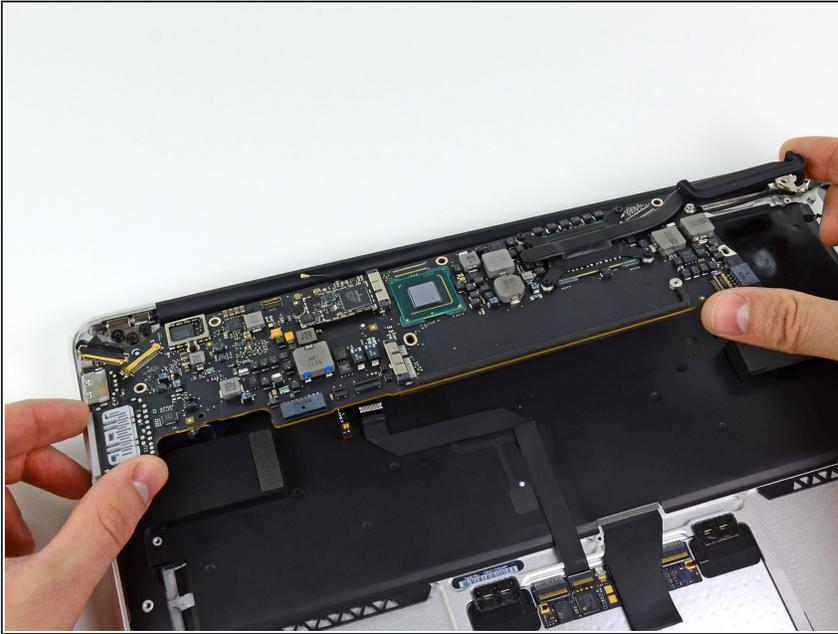
- Remove the inner two 4.9 mm T8 Torx screws securing the antenna cable retainer and left clutch hinge to the upper case.

## Step 11



- Push the antenna cable retainer away slightly and remove the 3 mm T5 Torx screw securing the end of the heat sink to the upper case.

## Step 12



- Carefully remove the logic board assembly from the upper case, minding any cables that may get caught.
- ⓘ Hold the antenna cables out of the way as you lift the heat sink end of the logic board out of the upper case.