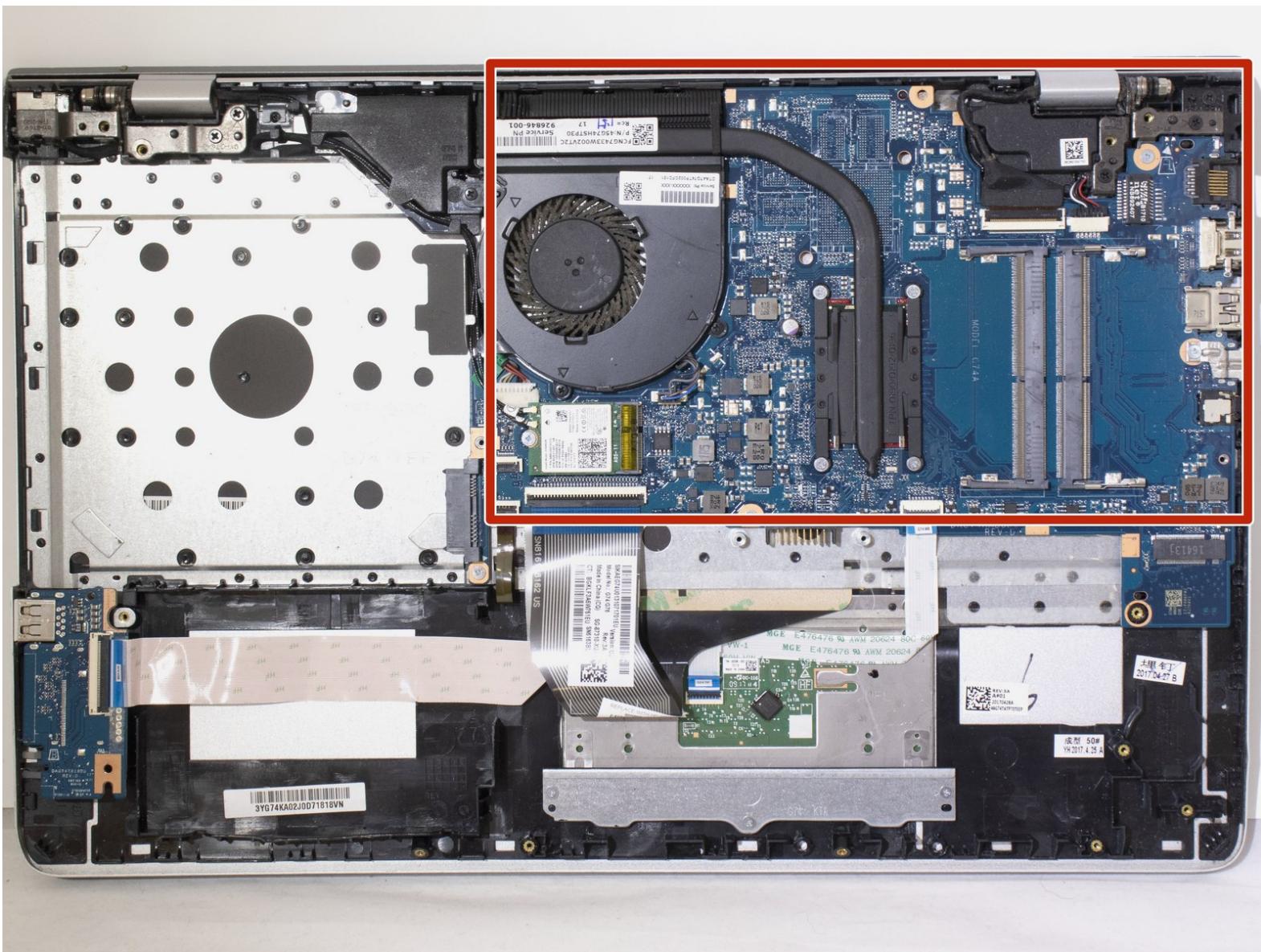




# hp pavilion 15-cc023cl Motherboard Replacement

Replace the motherboard after nothing else fixes your broken laptop.

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## INTRODUCTION

If all else has failed, now is the time to replace your motherboard in a last attempt to save your laptop.

### TOOLS:

- [Phillips #000 Screwdriver](#) (1)
- [iFixit Opening Tools](#) (1)
- [Spudger](#) (1)
- [Phillips #0 Screwdriver](#) (1)
- [Phillips #1 Screwdriver](#) (1)

## Step 1 — Battery



- Use a PH000 screwdriver to unscrew the eleven 4mm Phillip head screws located on the back panel.

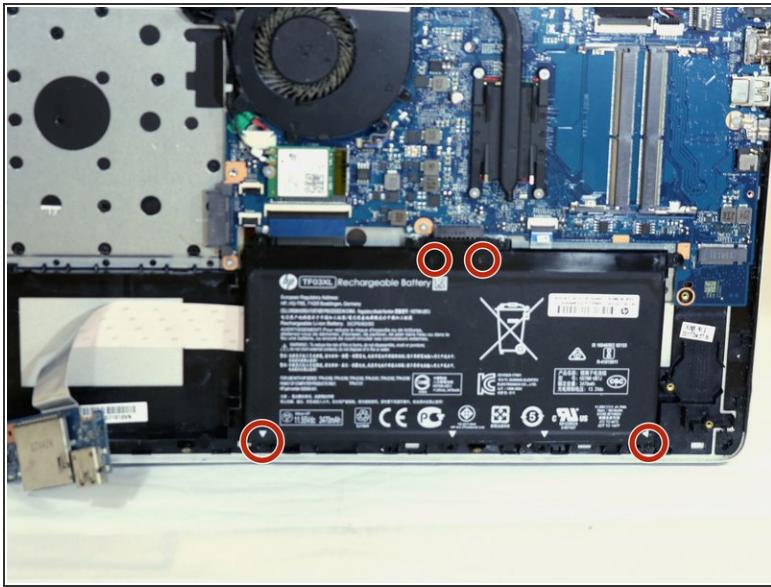
## Step 2



- Using the iFixit opening tool, pry open and remove the back cover of the laptop.

 Be gentle when applying force to the cover.

## Step 3



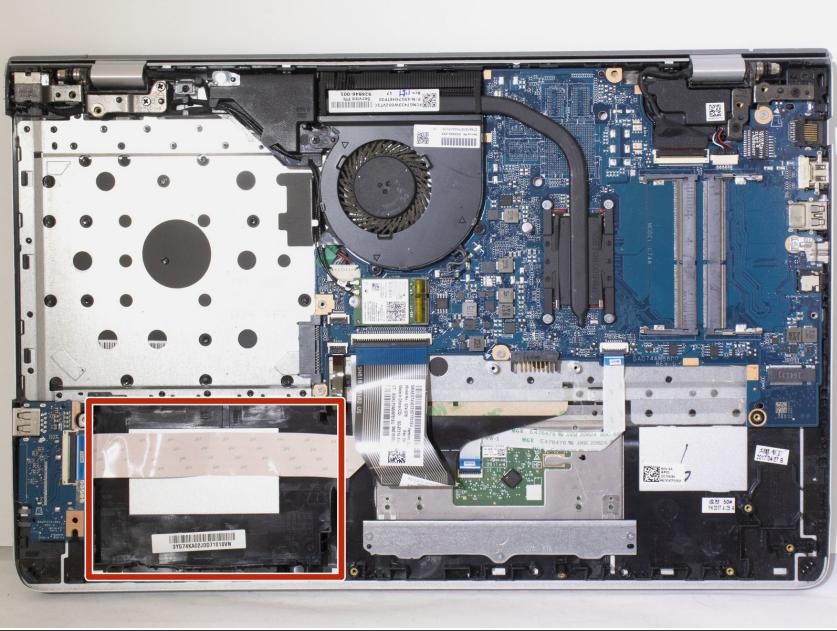
- Use a PH000 screwdriver to unscrew the four 3.5mm Philips head screws located on the battery.

## Step 4



- Disconnect the port connecting the battery and the motherboard and then remove.

## Step 5 — Hard Drive



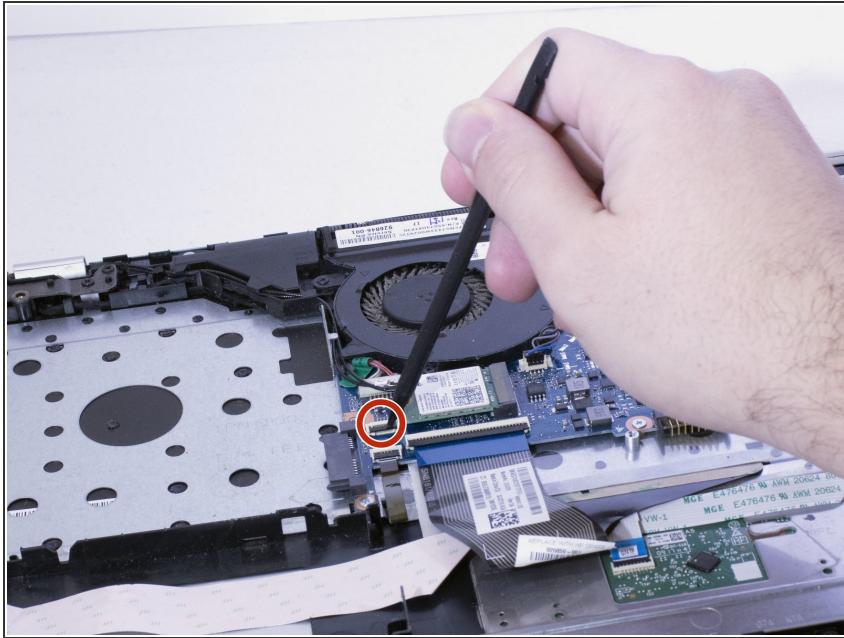
- Use a spudger to lift the latch that holds the hard drive cable in place.

## Step 6



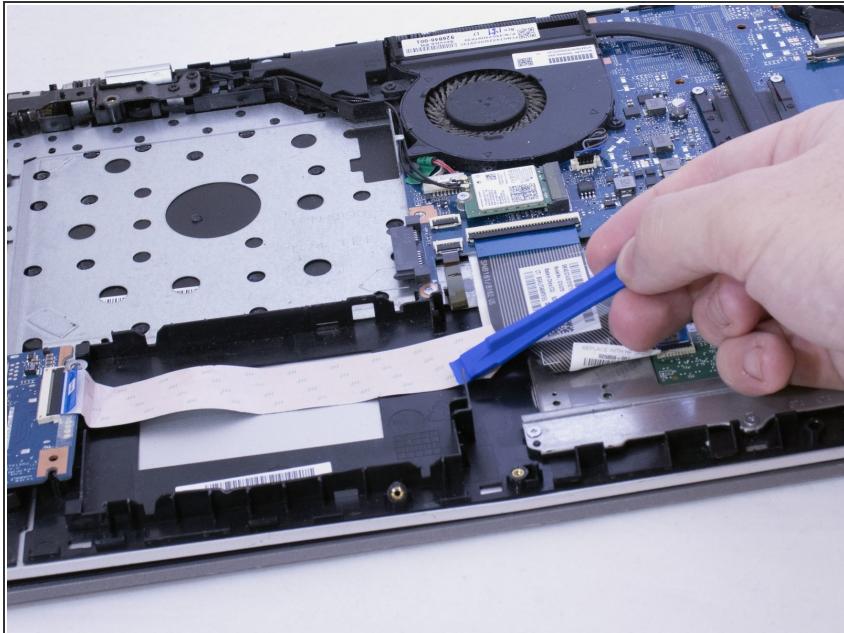
- Use a plastic opening tool to pry the hard drive out.

## Step 7



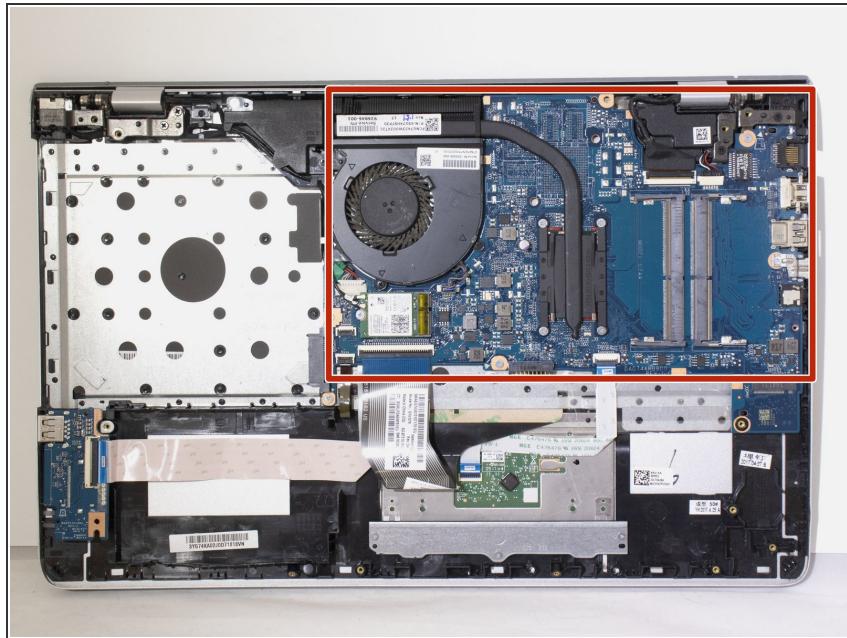
- Disconnect the hard drive cable.

## Step 8



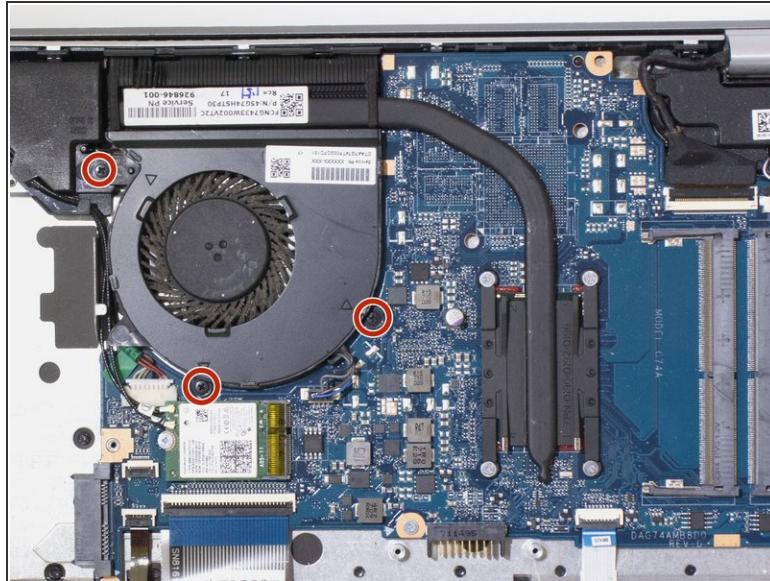
- Lift the plastic wedges up on both sides of the hard drive.

## Step 9 — Motherboard



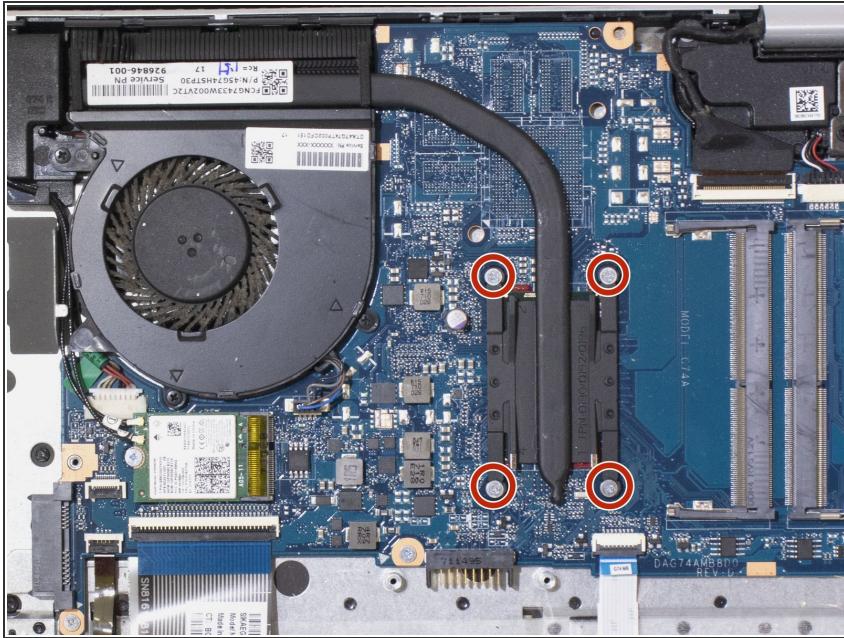
- Locate the motherboard.

## Step 10



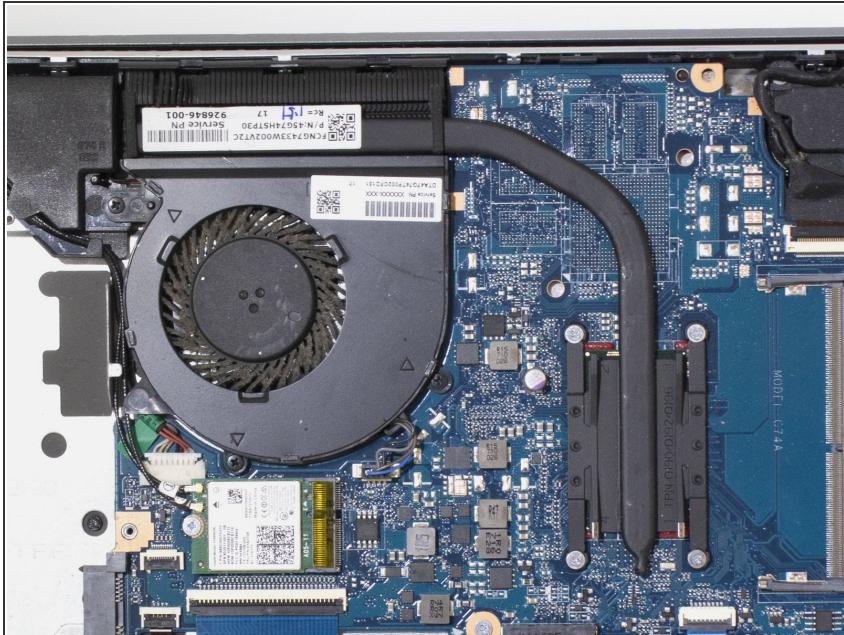
- Use a PH0 screwdriver to unscrew the three 3 mm Phillips head screws located on the fan.

## Step 11



- Use a PH1 screwdriver to unscrew the four 3mm Phillips head screws located on the processor cover.
- Disconnect the cable.

## Step 12



- Disconnect the plastic arm attached to the processor and remove.
- Disconnect the cable attaching the fan to the motherboard and remove.

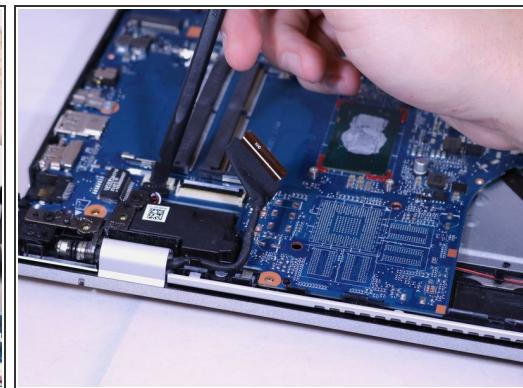
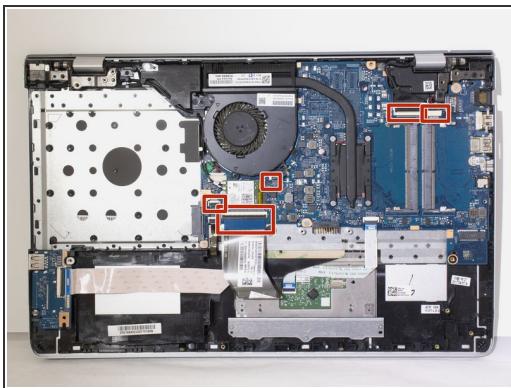
## Step 13



- Use a PH1 screwdriver to unscrew one 3mm Phillips head screws on Wifi card.
- Disconnect the Wifi card.

**⚠** Be careful not to break any of the connectors.

## Step 14

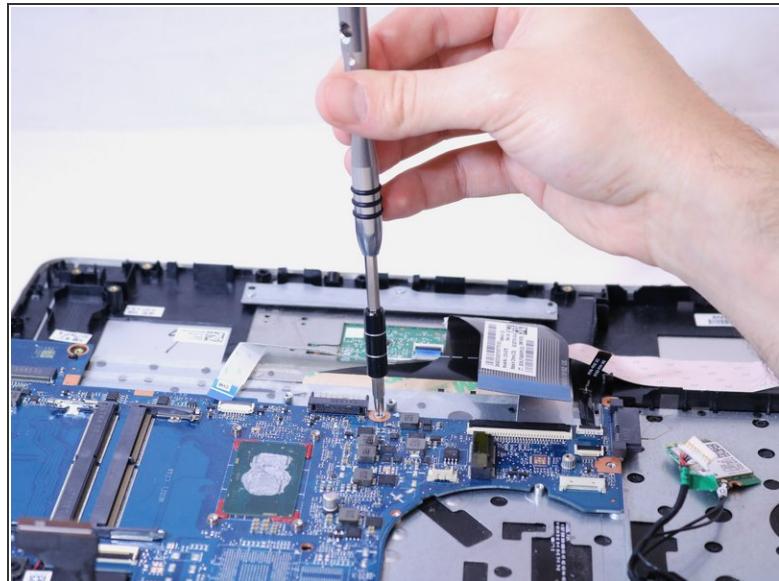
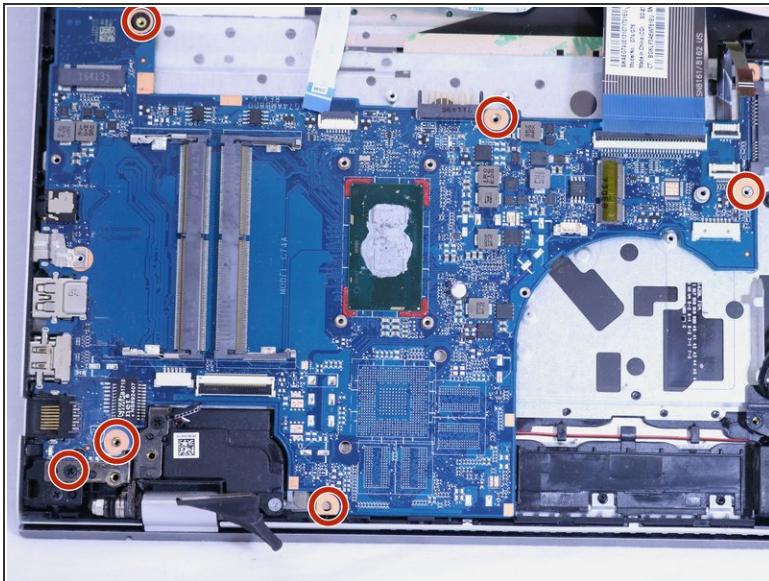


- Disconnect the 5 cables to keyboard and speakers.

**⚠** Be careful not to break any of the connectors.

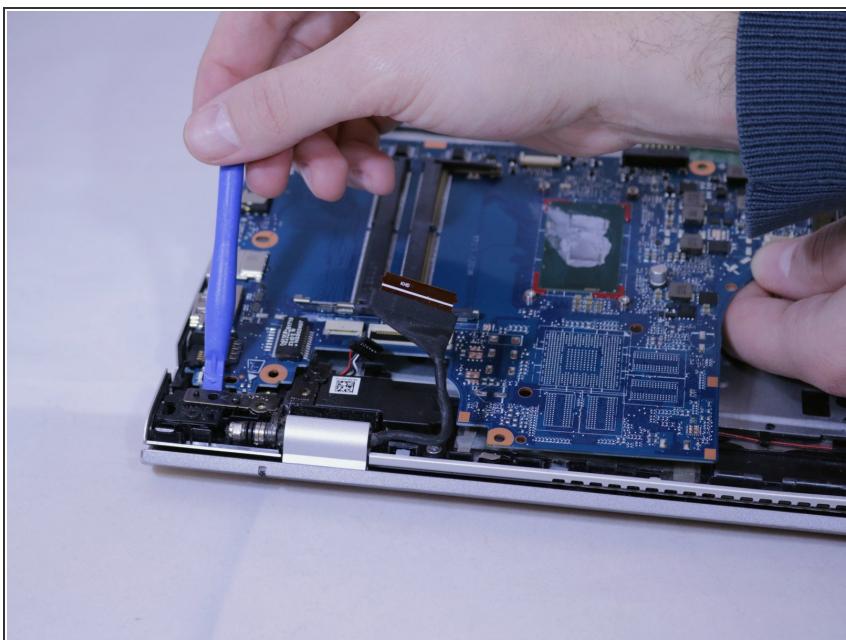
**(i)** You may have to pry some up with the spudger.

## Step 15



- Use a PH1 screwdriver to unscrew six 3 mm Phillips head screws on the motherboard.

## Step 16



- Use the iFixit opening tools to pry motherboard from back of laptop.

## Step 17



- Disconnect SD and USB card cable.

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