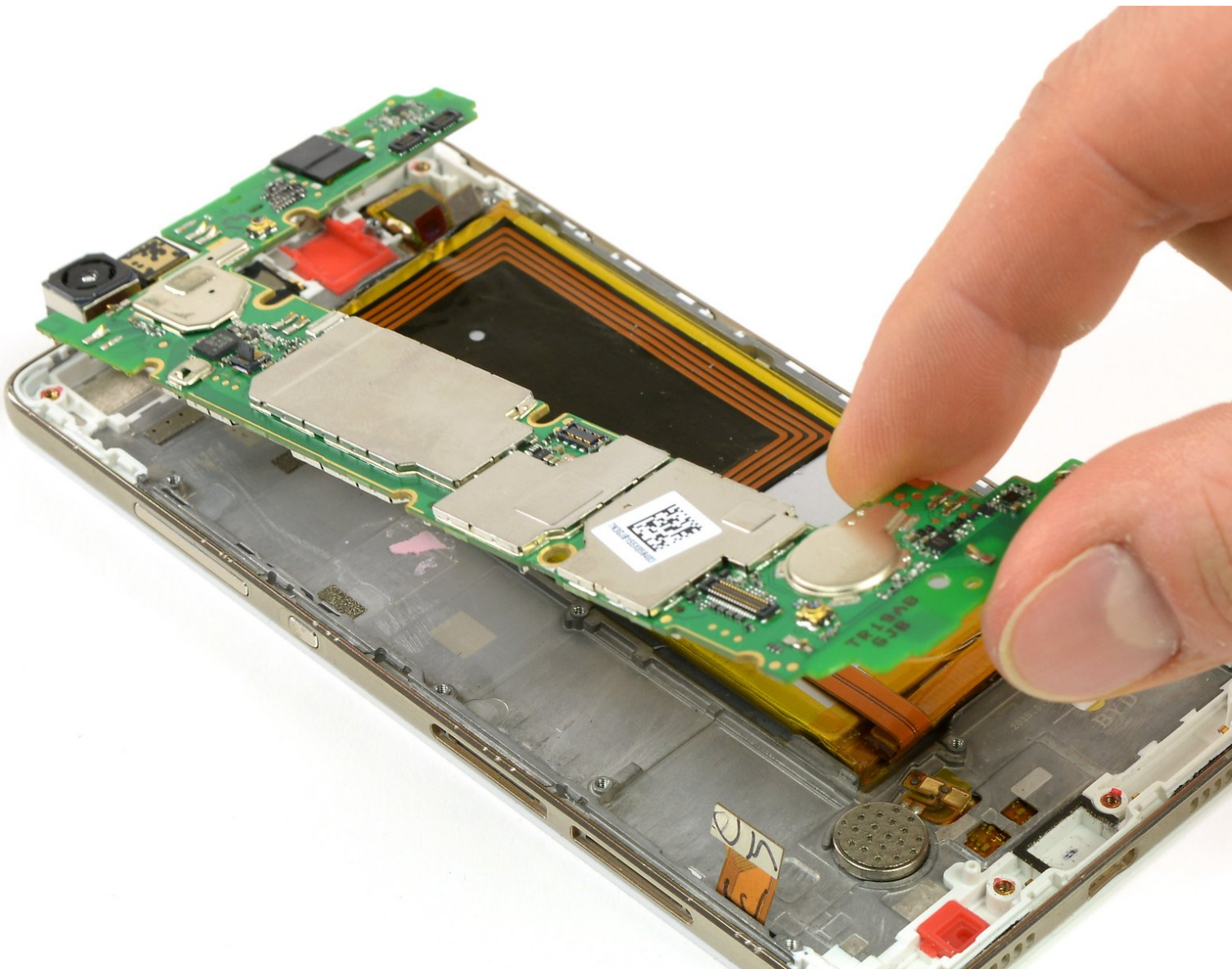




# Huawei P8 Lite Motherboard Replacement

Replace the motherboard of your Huawei P8 Lite.

Written By: Tobias Isakeit



# INTRODUCTION

This guide shows you how to replace the motherboard of your Huawei P8 Lite.



## TOOLS:

- [iFixit Opening Tools](#) (1)
  - [Phillips #00 Screwdriver](#) (1)
  - [T5 Torx Screwdriver](#) (1)
  - [Tweezers](#) (1)
-

## Step 1 — Back Cover



- Use an Opening Tool and start to lever up the back cover of your Huawei P8 Lite at the bottom of your phone.

## Step 2



- There are clips around the whole mid frame, holding down the back cover. Open all of them with the Opening Tool.
- When all clips are open, remove the back cover from the rest of the phone.
- ❗ If the back cover doesn't come freely, there are probably some additional clips that need to be disconnected.

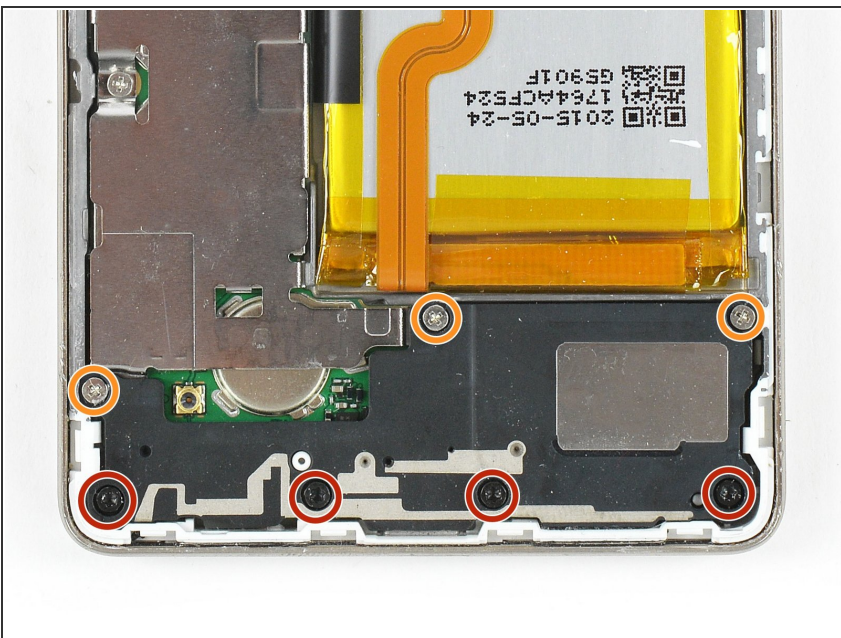


## Step 3 — Loudspeaker



- Use a tweezer to remove the warranty sticker which sits on a screw in the bottom right of your phone.

## Step 4



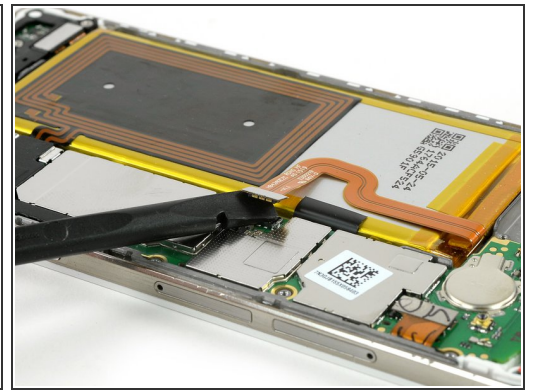
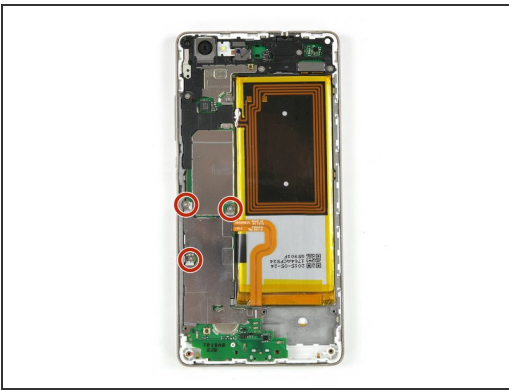
- Remove the 4 black Torx T5 screws which hold down the lower part of the loudspeaker.
- Remove the three silver Phillips #00 screws which hold down the upper part of the loudspeaker.

## Step 5



- Remove the loudspeaker carefully.

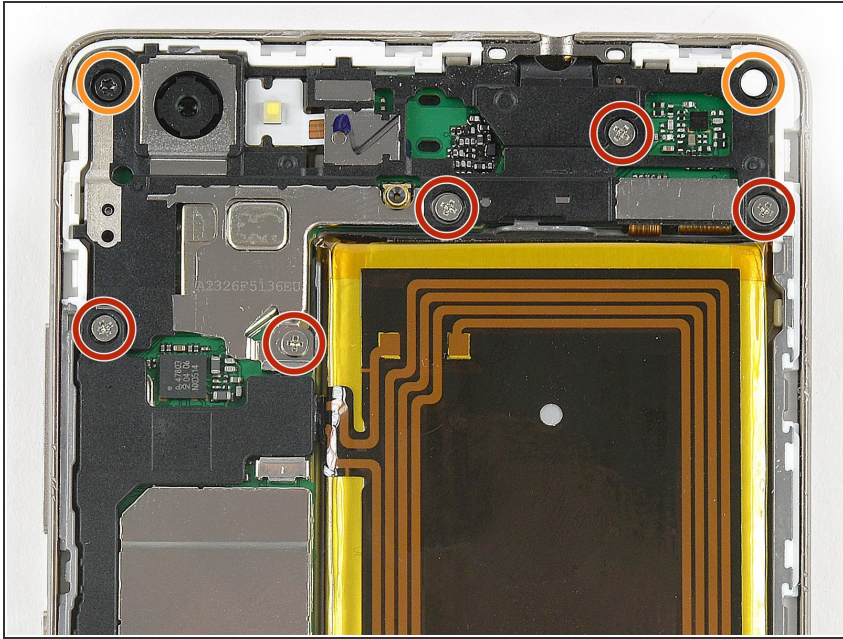
## Step 6 — Motherboard



- Remove the three Phillips #00 screws that hold the metal plate in place.
- Remove the metal plate with a tweezer.
- Unplug the battery flex connector with a spudger.

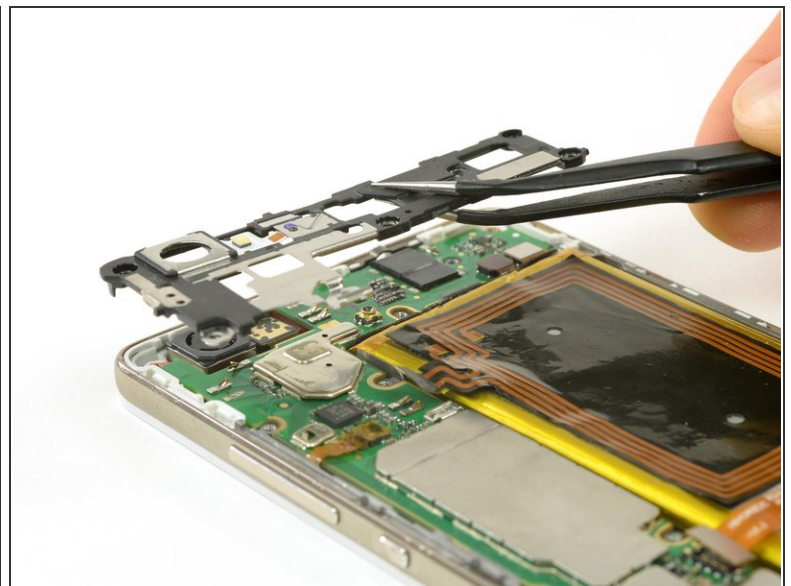
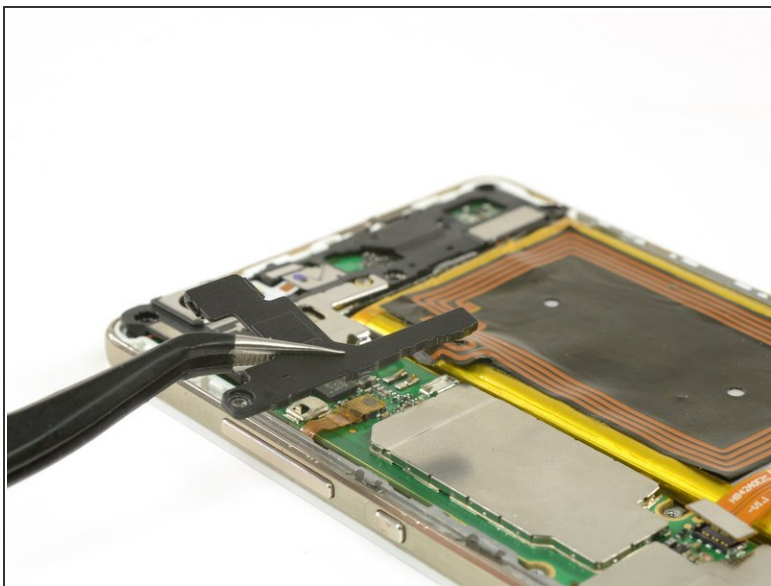


## Step 7



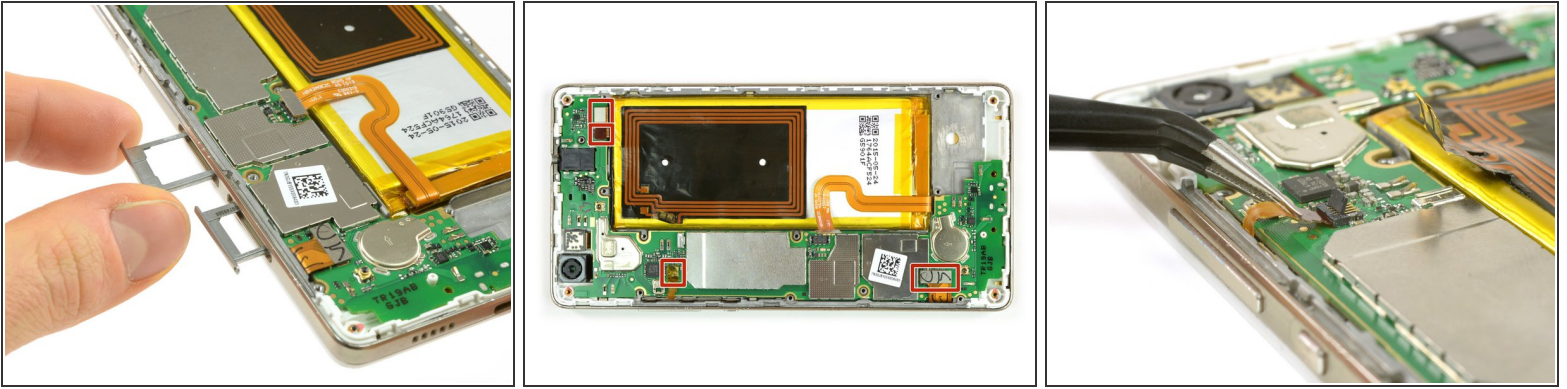
- Remove the two Torx T5 screws.
- ⓘ If there is a tamper evident sticker over your screws remove them to properly seat your driver.
- Remove the five Phillips #00 screws.

## Step 8



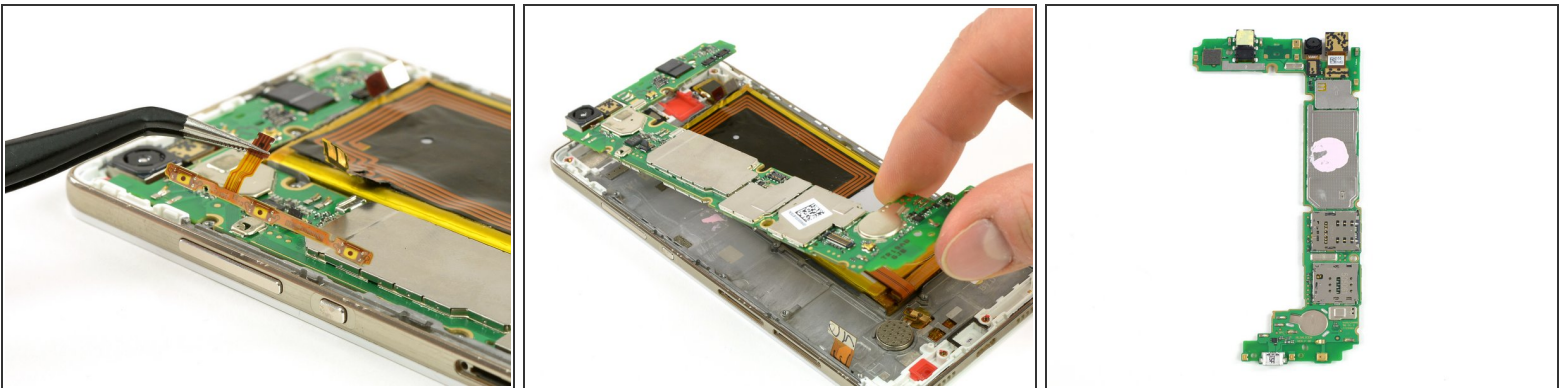
- Carefully pry off the plastic cover on the left side. The NFC antenna contacts might be slightly glued to the cover.
- Then remove the top cover.

## Step 9



- Remove the SIM card and SD card trays.
- Disconnect the three plug connectors and one ZIF connector.
  - ⓘ Unlock the ZIF connector by lifting the small black plastic lever.

## Step 10



- Remove the volume and power button cable.
- Take out the motherboard by lifting the bottom part first.
  - ⚠ Pay attention to the cables, so they don't rip when staying stuck to the motherboard.
- ☑ On the back of the motherboard there is a thermal pad (pink rubber-like gob) for heat dissipation. If this thermal pad broke or is too dried out you might want to [replace it with a new one](#).

To reassemble your device, follow these instructions in reverse order and apply adhesive where necessary.