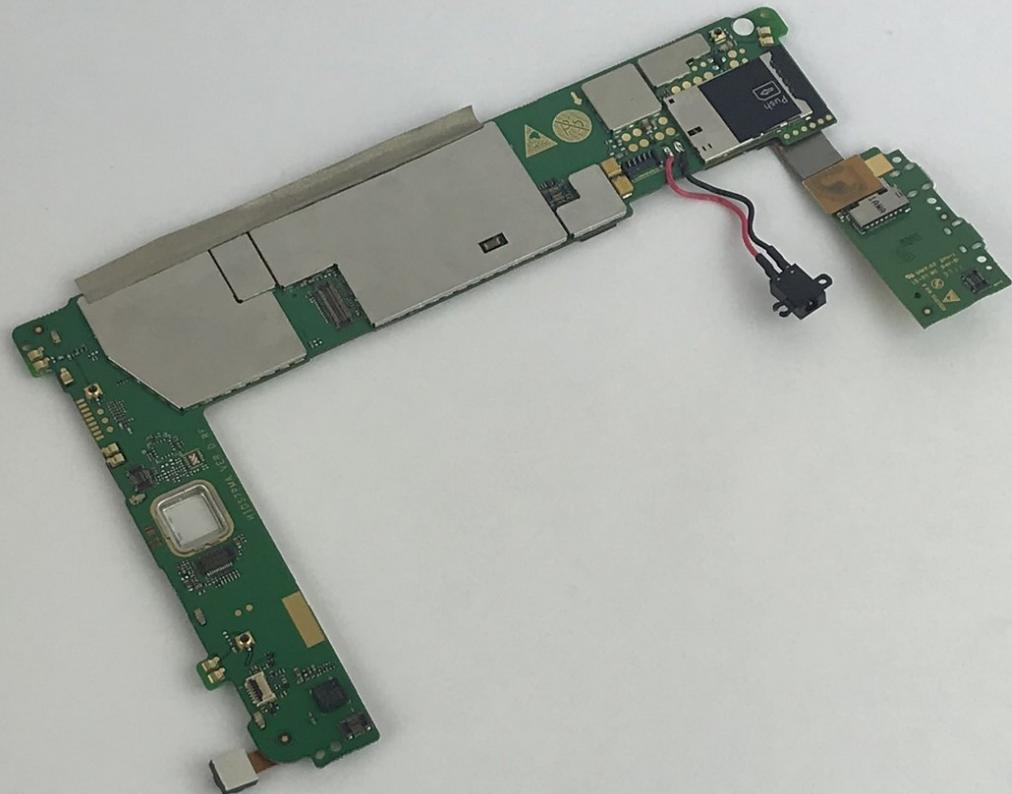




# Huawei MediaPad S7-301u Motherboard Replacement

A damaged motherboard can prevent you from using the tablet and replacing it can fix this.

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## INTRODUCTION

In any device, the motherboard is the most important component of the system. It is the control center for everything in your tablet. This means that all connections have to go through it. Being the engine of the tablet, the motherboard itself holds everything together. If it is damaged or something spills on it, the tablet would not work. It is the main platform for communication between all other components in the device. The motherboard consists of various components which have their own roles to play in the functioning of the tablet.

## TOOLS:

- [64 Bit Driver Kit \(1\)](#)
- [Precision Tweezers Set \(1\)](#)
- [T5 Torx Screwdriver \(1\)](#)
- [Phillips #000 Screwdriver \(1\)](#)

## Step 1 — Battery



- Use either your finger or a metal spudger to lift both the top and bottom black covers on the back of the tablet.

## Step 2



- Use a Phillips (J000) bit screwdriver to remove the 6 (2 mm) screws located at the top and bottom of the tablet.

## Step 3



- Hold the device by the silver edge and the front of the screen.
- Then use your other hand to push gently on the center back of the tablet until the front screen is detached from the silver back cover.
- Finally, separate the screen from the silver back casing.

## Step 4



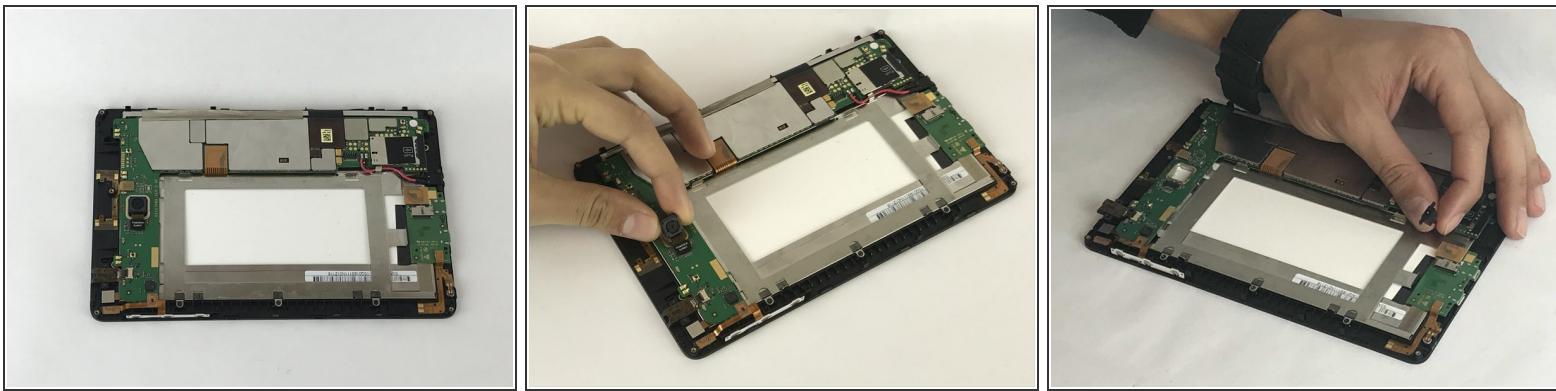
- Use the plastic spudger to remove the battery from the device that is glued on the metal frame.

**⚠** Be careful not to puncture the battery while removing it.

- Follow the wires to where they are connected on the motherboard and simply pull the white connector out of the socket.

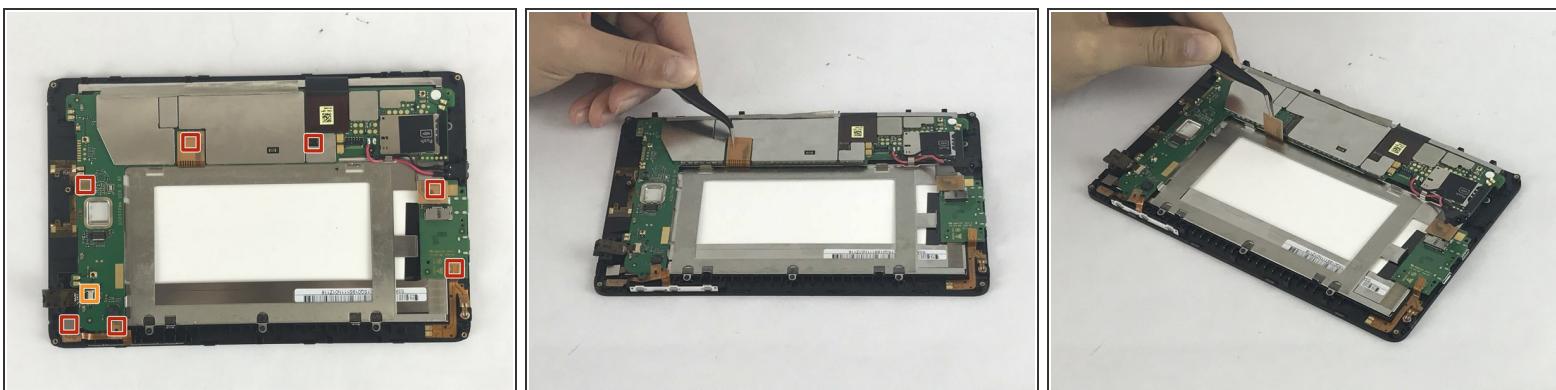
**ⓘ** When removing the battery, be careful with the connector that attaches the wires to the motherboard.

## Step 5 — Motherboard



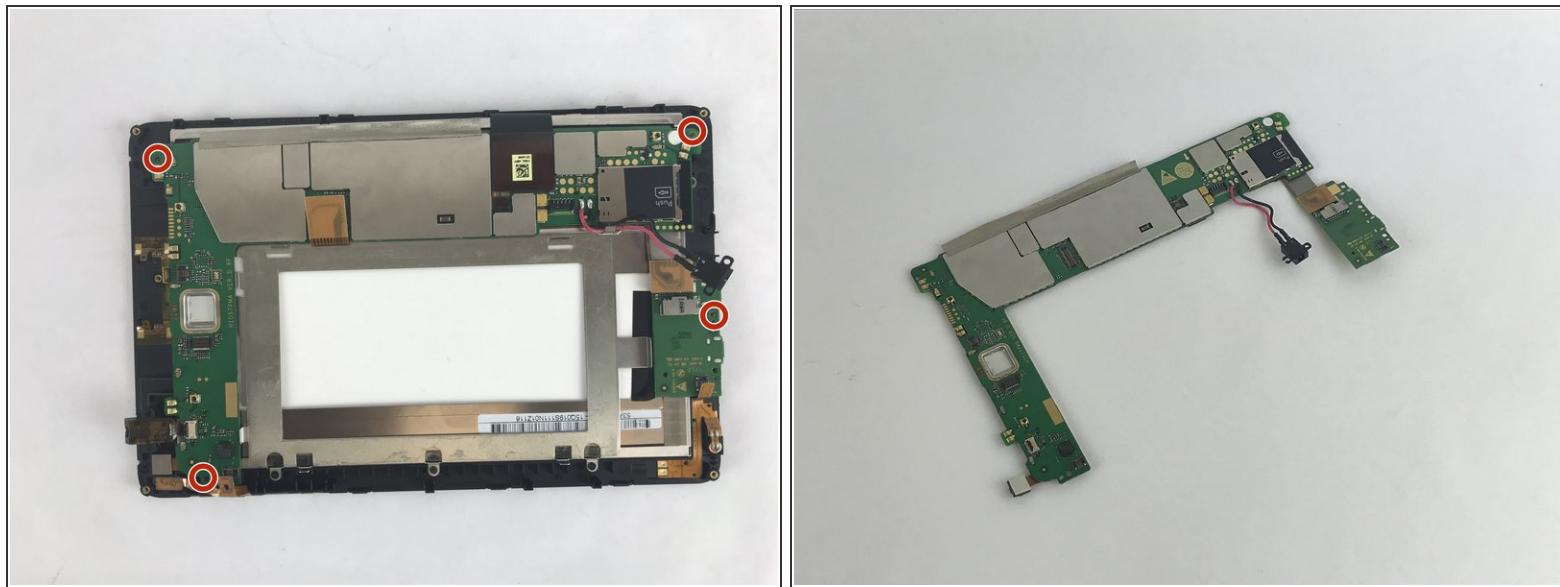
- Once the battery is removed, the motherboard is ready to be removed.
- Remove the camera from the motherboard by disconnecting the clip next to it. You can use the precision tweezer here.
- To remove the power port from the motherboard, unscrew the two 4mm screws with a T5 bit.

## Step 6



- Use the precision tweezers to disconnect the 7 clips from the motherboard
- Remove the headphone input cable from the motherboard by carefully pulling on the clip.

## Step 7



- Unscrew the 4 screws 4mm with T5 bit from the edges or the frame of the motherboard to remove it
- Carefully remove the motherboard from the metal frame.

*(i)* A long thin tape will be attached to the motherboard. This tape can be pulled along with the motherboard.

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