



# Asus MeMO Pad HD 7 Motherboard Replacement

Bring your tablet back to life by replacing the motherboard board in it.

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## INTRODUCTION

This guide will direct you in replacing the motherboard in the tablet. This will require a few steps and the removal of several small screws. This is a straight forward replacement guide and should not be too difficult to perform.



### TOOLS:

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



### PARTS:

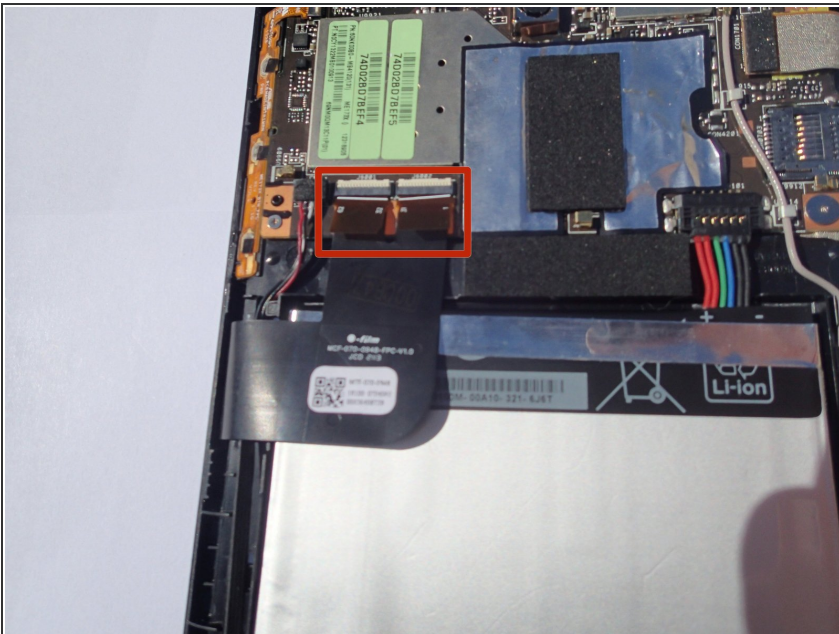
- [ASUS MeMO Pad HD 7 Motherboard](#) (1)

## Step 1 — Remove Rear Panel



- Carefully remove the back panel by using a plastic opening tool to remove the panel off the device.
- Pull the back panel away from the device.
- ⓘ The volume buttons can fall out of the case. Pay attention so as not to lose them.

## Step 2



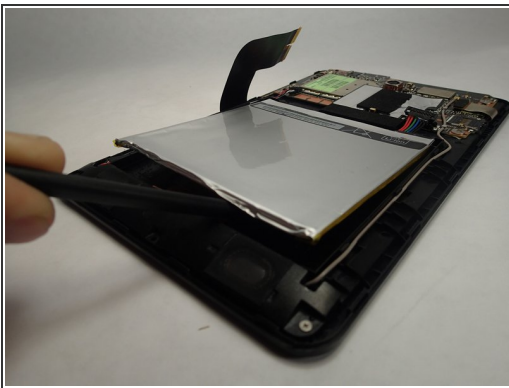
- Unlock the ZIF connectors on the data cables.
- ⓘ Raise the white locking tabs by lifting their upper edge - furthest from the battery - they hinge across the width of the connector.
- Remove the cable from its slot by gently pulling downward on the tabs.
- ★ Check that the touchscreen cables are fully seated when reassembling or touchscreen may have unresponsive areas.

### Step 3



- Locate the battery connector by following the wires that come from the top right of the battery. To disconnect the battery just lift up gently on the wires. Use a spudger or blue plastic opening tool to gently lift the wires if it is hard to get a grip.

### Step 4 — Remove Battery

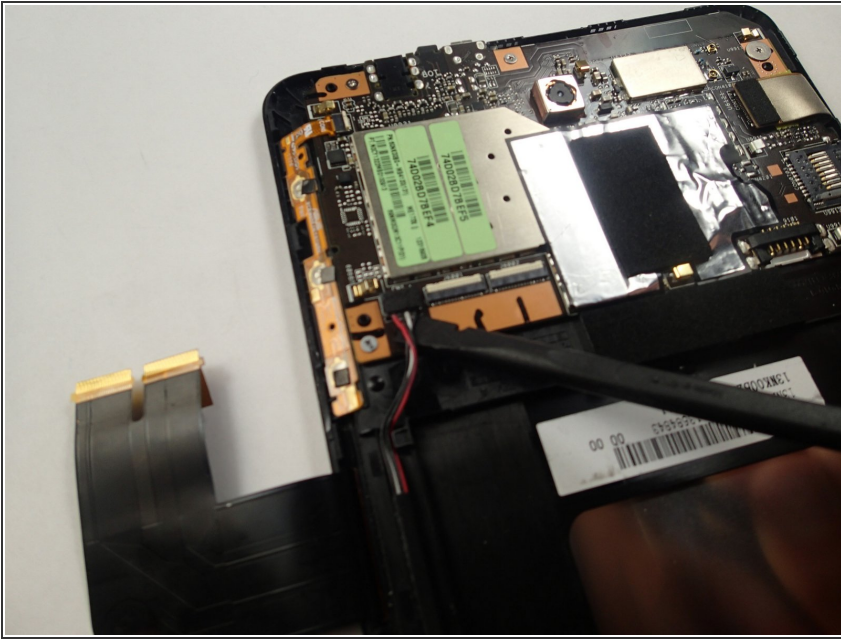


- Using a spudger carefully pry the battery up. It is glued down so slight pressure may be needed.



The battery has a soft casing, be careful not to tear the battery casing as chemicals could leak out.

## Step 5 — Motherboard



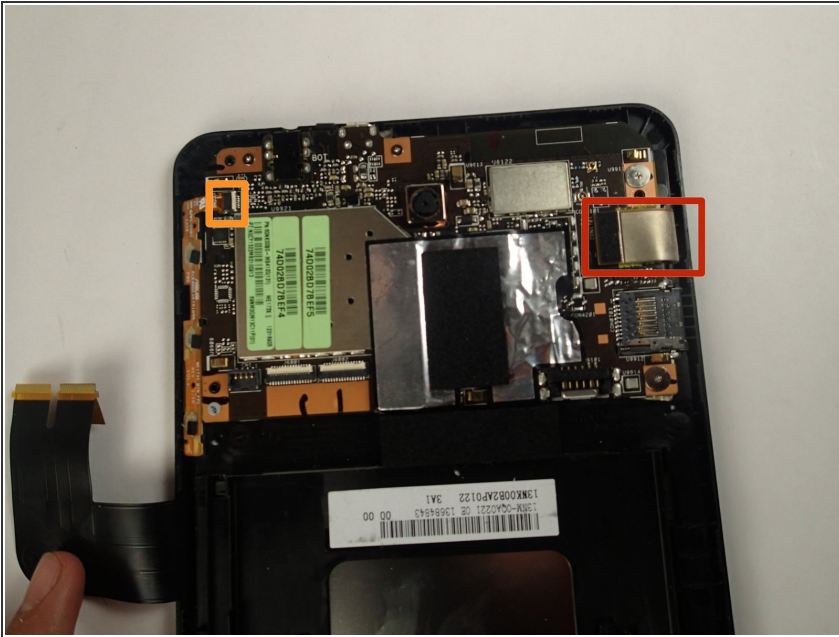
- Locate the speaker wires to the left side of the battery. Remove the connector by pulling up gently or prying with a tool if you can not get a good grip.

## Step 6



- Pry the GPS Antenna cable straight up using a spudger or similar prying tool. It will be the grey wire that runs up the right side of the device coming from the speaker housing up to the motherboard.

## Step 7



- Remove the data ribbon for the motherboard which is located on the right side of the board. It has a flat top on the connector. Remove it by using a spudger to pry it straight up.
- Locate the volume and power button connector on the left side of the mother board. Disconnect the ZIF connector by flipping the latch on the connector up and sliding the data cable directly out.

## Step 8



- Unscrew two #000 Philips 1.5 mm screws on the right side of the motherboard.
- Unscrew 3 #000 Philips 2 mm screws from the left and center of the board.
- The board will now lift straight up.

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