



Asus MeMo Pad 10 ME102A Motherboard Replacement

This guide will help you remove and replace the motherboard on Asus MeMo Pad 10 ME102A

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INTRODUCTION

This guide shows how to replace the motherboard on Asus MeMo Pad 10 ME102A

TOOLS:

- [iFixit Opening Tools](#) (1)
 - [Phillips #00 Screwdriver](#) (1)
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Step 1 — Back Panel



- Insert the blue plastic opening tool into the seam between the back panel and the chassis.
- ⓘ When removing the back panel, remember to keep the device face down on a flat surface in order to prevent dropping the device or anything inside of the device.

Step 2



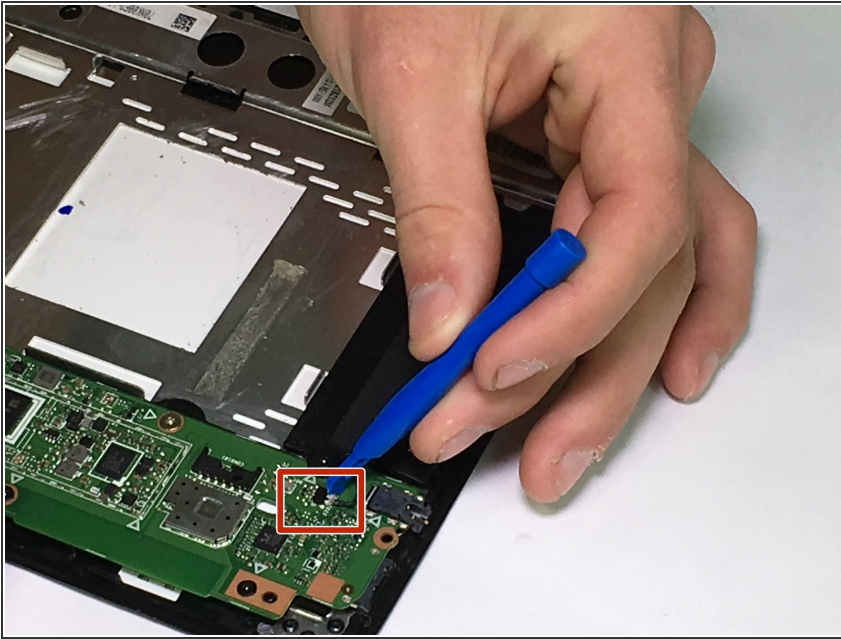
- Slide the plastic opener around the tablet. There will be spots of resistance. These should gently pop open as the tool slides through the seam.

Step 3



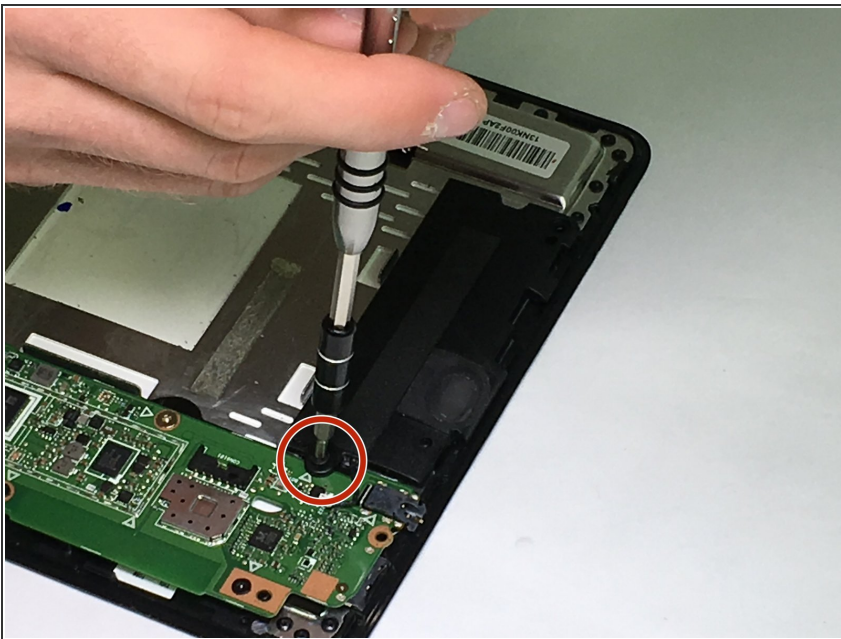
- After all of the clips have been opened, the back panel should be free to remove by hand

Step 4 — Speakers



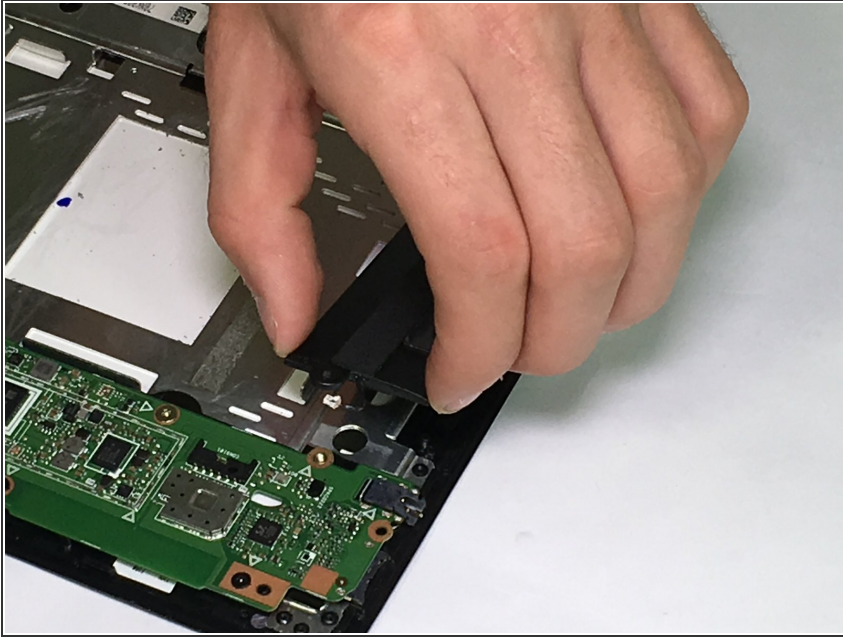
- The right-hand speaker is labeled ME102A-R and is located by the battery plug. This is the first speaker removed in this guide, however if the left-hand speaker is the only one you need to replace please skip down to the left-hand speaker section.
- Unplug the speaker cable by gently pushing it parallel to the motherboard with the flat side of the blue plastic opening tool.

Step 5



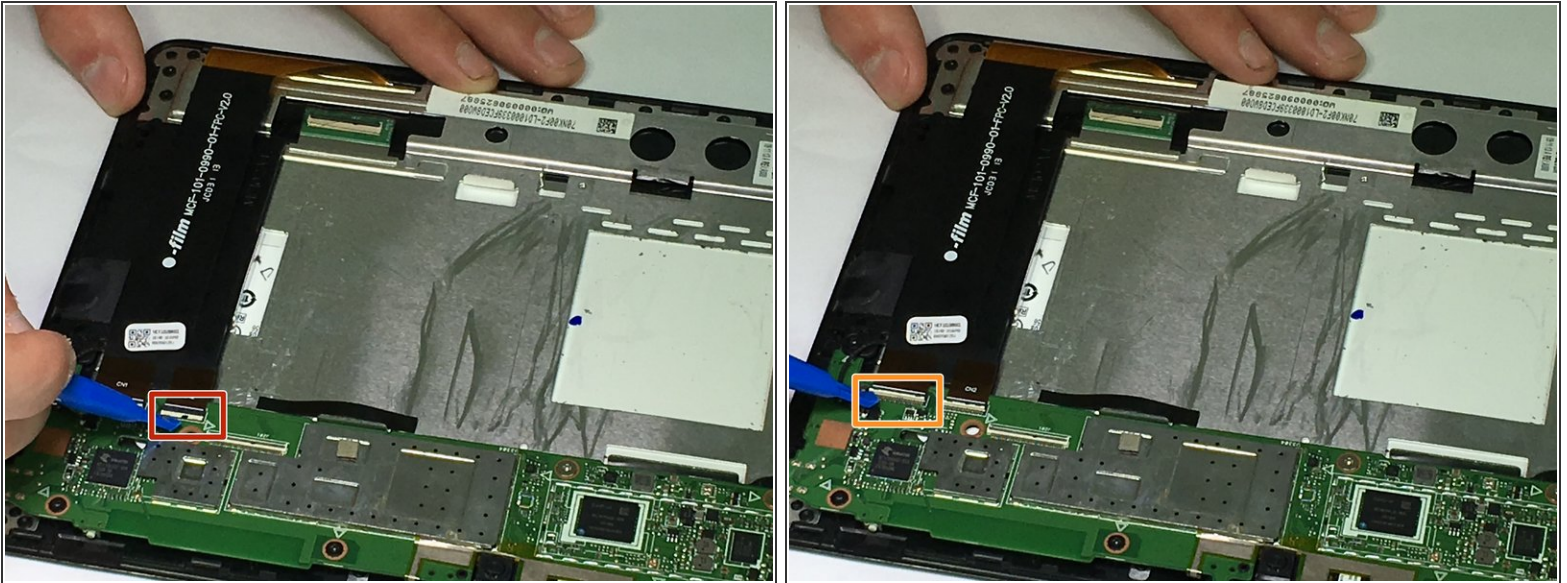
- Unscrew the M2x4mm screw with the PH00 screwdriver attachment.

Step 6



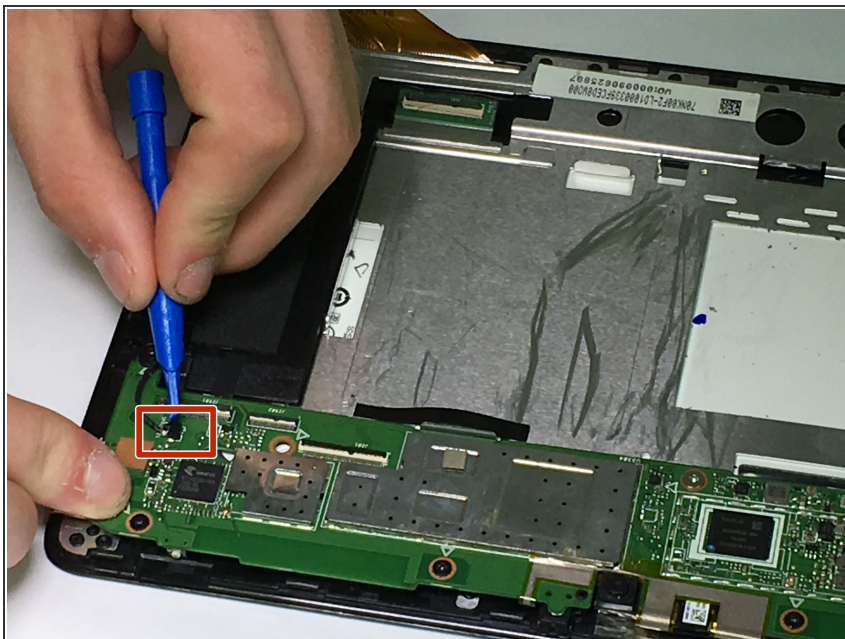
- Lift the speaker up by the end opposing the steel latch and slide it out from under the steel latch. The speaker has now been removed.

Step 7



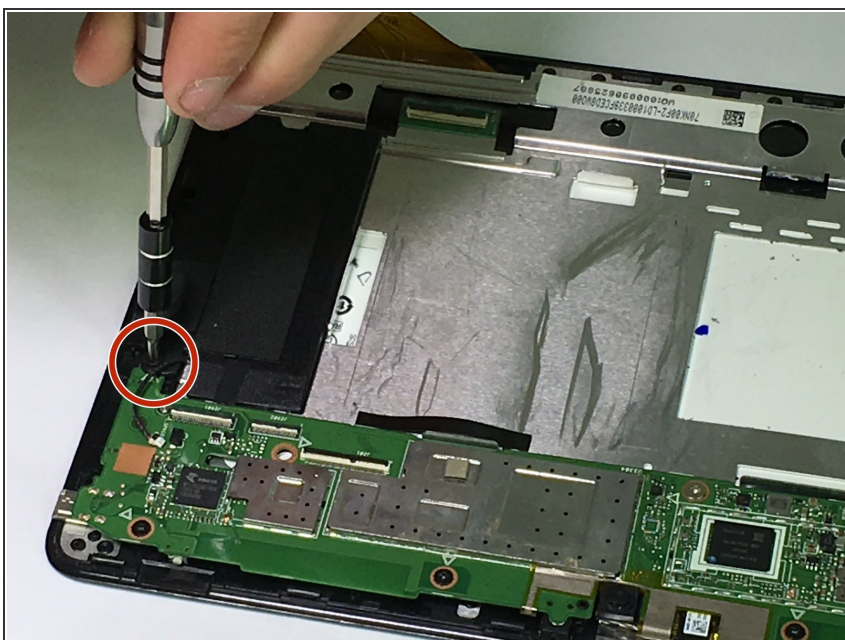
- The left-hand speaker is designated by the lettering ME102A-L and is located by the silver and blue ribbon cable running across the top of the battery.
- Remove the Ribbon cable labeled CN2 by gently prying up the white latch of the black and white plugs by using the small blue plastic opening tool.
- Remove the Ribbon cable labeled CN1 by gently prying up the white latch of the black and white plugs by using the small blue plastic opening tool.

Step 8



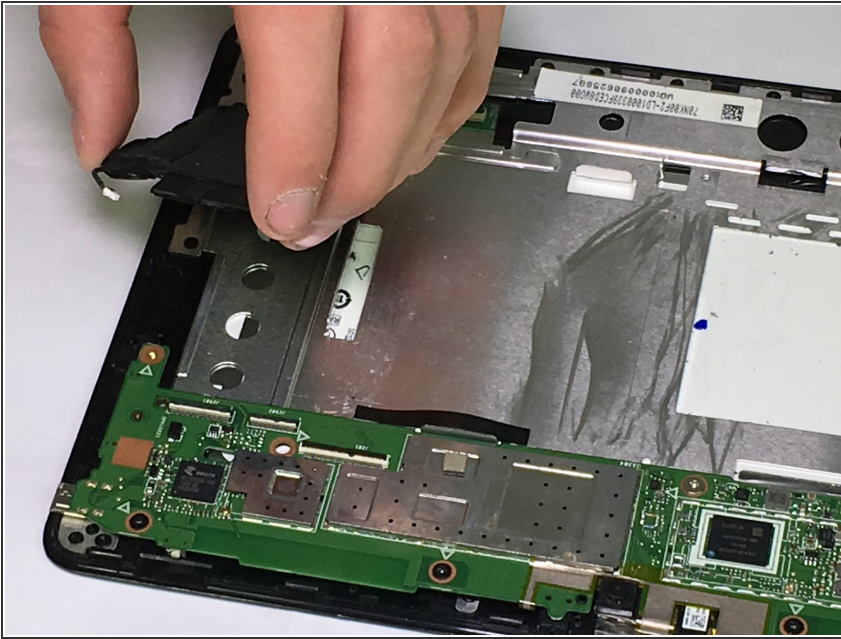
- Unplug the speaker cable by gently pushing it parallel to the motherboard with the flat side of the blue plastic opening tool.

Step 9



- Unscrew the M2x4mm screw with the PH00 screwdriver attachment.

Step 10



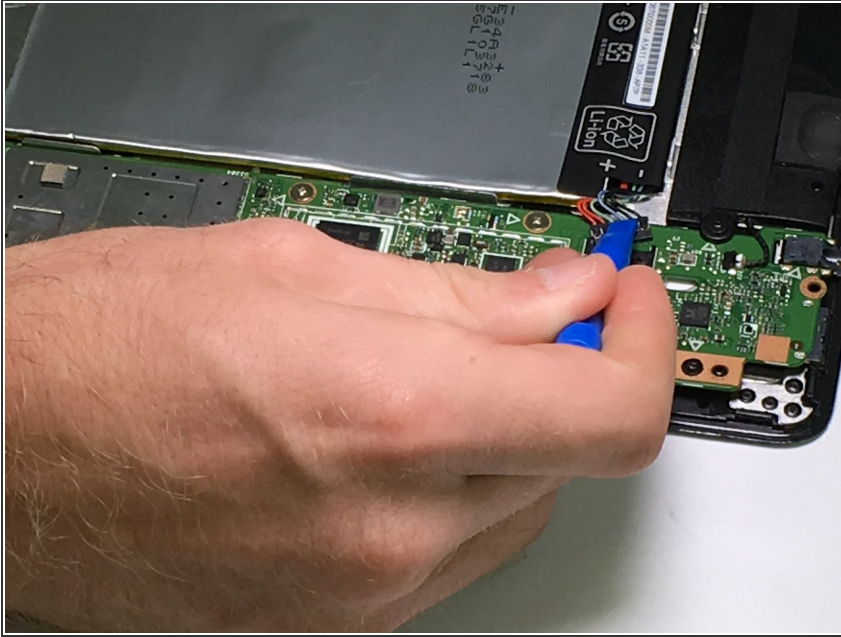
- Lift the speaker up by the end opposing the steel latch and slide it out from under the steel latch. The speaker has now been removed.

Step 11 — Motherboard



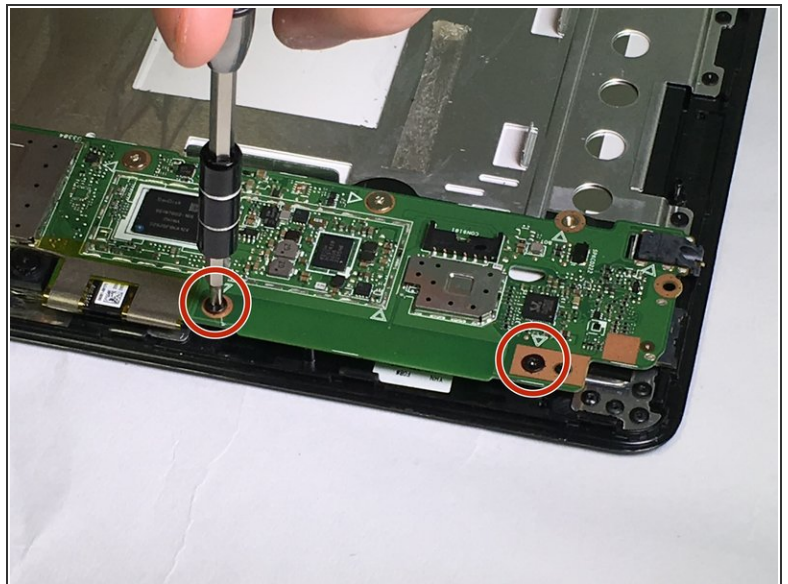
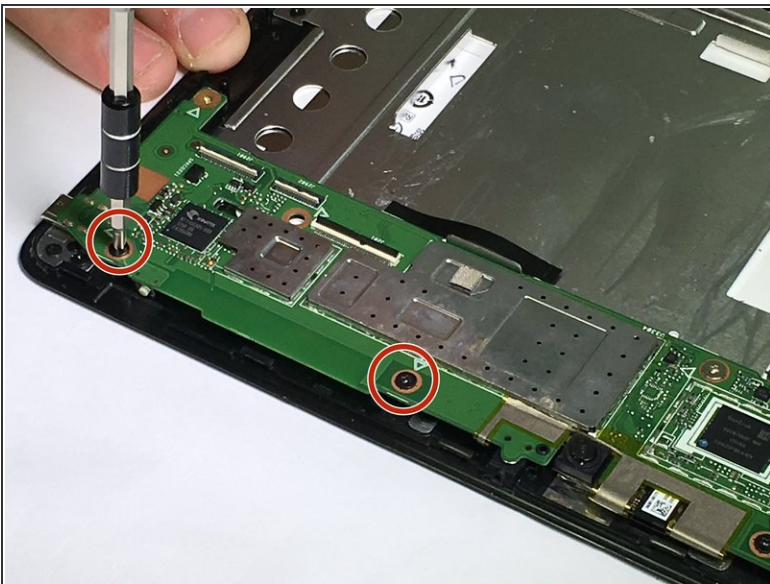
- Use the blue plastic opening tool to lift open the black latch connecting the blue ribbon cable to the motherboard.

Step 12



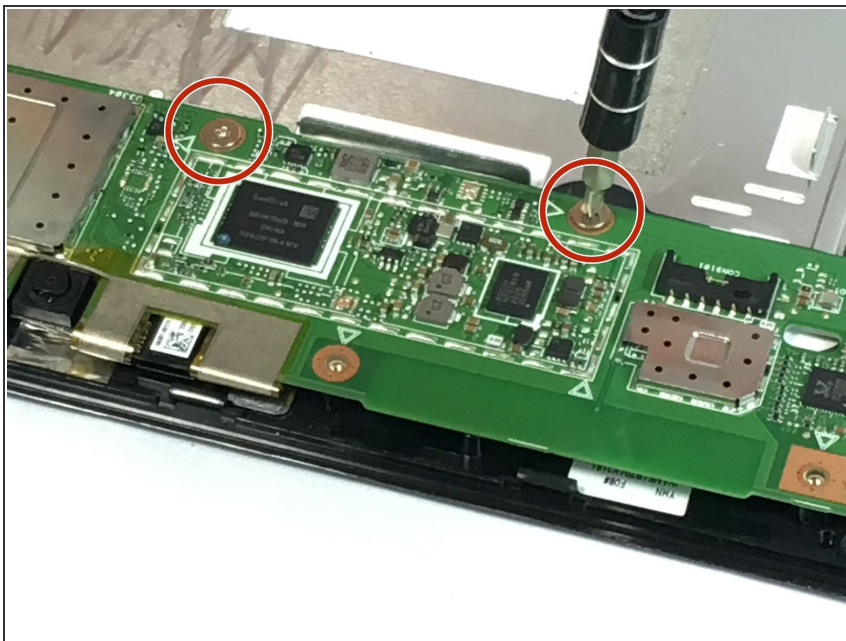
- Using the blue plastic opening tool unplug the battery plug by gently pushing the plug out parallel to the motherboard.

Step 13



- Using the PH00 screwdriver, remove the 4 black M2x4mm screws along the bottom of the motherboard.

Step 14



- Using the PH00 screwdriver, remove the 2 silver M2x2mm screws along the top of the motherboard.

Step 15



- Lift the motherboard gently from both sides.

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