



Sonos Play 5 Motherboard and Amplifier Replacement

Remove or replace the motherboard and amplifier with new parts.

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 **TOOLS:**

- [Metal Spudger Set](#) (1)
 - [Phillips #00 Screwdriver](#) (1)
 - [Phillips #1 Screwdriver](#) (1)
 - [Tweezers](#) (1)
 - [Magnetic Project Mat](#) (1)
 - [Screwdriver](#) (1)
 - [6mm Allen Socket](#) (1)
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Step 1 — Sonos Play 5 Disassembly



- Use the metal spudger to pry open the front grill. Little force will be needed to wedge the metal spudger into the crevice.
- After the grill has been loosened on all edges. Use your fingers as a wedge and gently pull the grill off the speaker. This will reveal the front speaker panel.

Step 2



- Use a pointed metal spudger to remove the rubber plugs covering the screws in the bottom left and right corners of the speaker panel.
 - Insert the spudger against the side of the rubber plug and the speaker panel while leveraging upward.
- Remove the eight 12 mm Phillips #1 screws bordering the front speaker panel.

Step 3



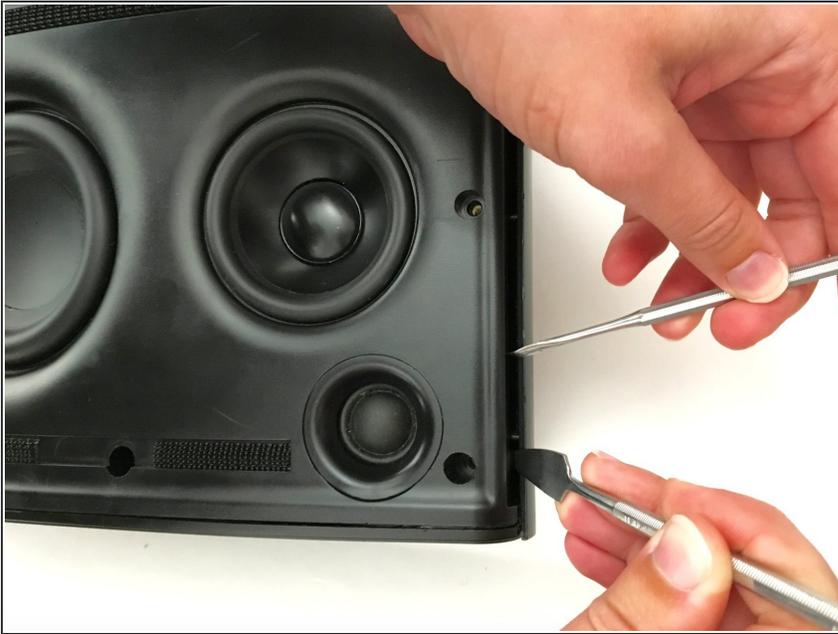
- Orient the speaker so that the volume and speaker control buttons are facing down onto your work space. The Sonos name and product number should be facing upward toward the ceiling
- Use a metal spudger to pry the outer corner of the grey rubber pad revealing eight 12mm screws.

Step 4



- With a #1 Phillips-head screwdriver, remove the eight 12mm screws on the bottom panel.
- We have marked the original placement of the warranty stickers in orange. To remove use a pair of tweezers to grip onto the sticker and pull with a gentle upward motion
- ⓘ We have already removed the warranty stickers in this picture.

Step 5



- Orient the speaker so that the speaker panel is facing upward.
- With a metal spudger, apply medium force and wedge the spudger into the crevice with a prying motion
- ⓘ This action will need to be repeated on all sides to allow for the panel to be opened up

Step 6



- Use both hands to lift the front speaker panel away from the skeleton of the speaker housing.
- ⓘ While removing the front speaker panel, pay close attention to the bottom right-hand corner. There will be an antenna connector you will need to remove in the next step.

Step 7



- Using your thumb and forefinger to grip the antenna clasp while moving outward and away from the motherboard.
- ⚠ Do not use excessive force while disconnecting. This will damage the connector and motherboard.
- ℹ We have removed the bottom panel in this picture for another guide.

Step 8 — Motherboard and Amplifier



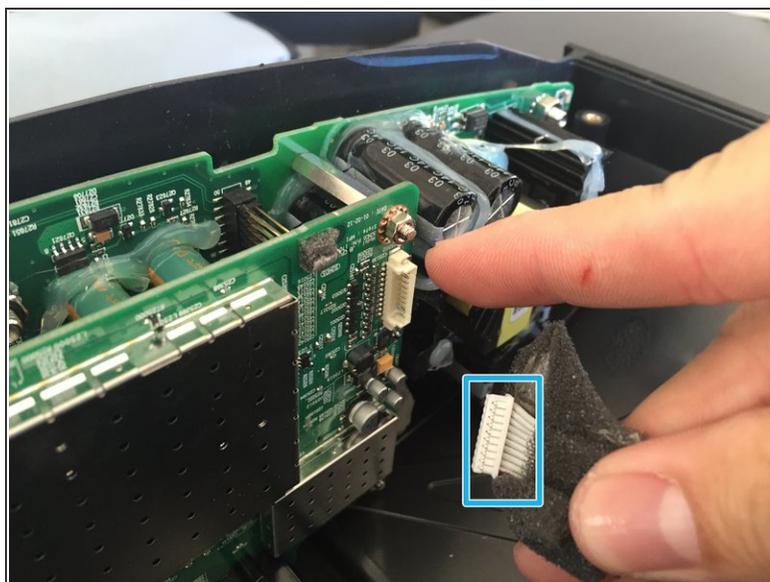
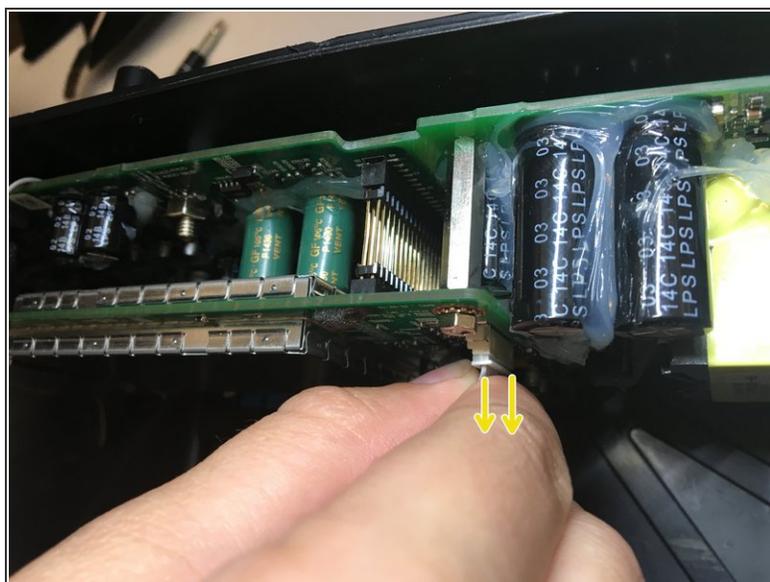
- Face the speaker with the power port facing you.
- Use a metal spudger with a pointed tip to help remove the grey sticker from the back panel.

Step 9



- Use a #1 Phillips-head screwdriver to remove two 10mm screws that surround the power and AC ports.
- Use a #00 Phillips-head screwdriver to remove the remaining six 5 mm screws around the two jacks located on the lower half of the panel.

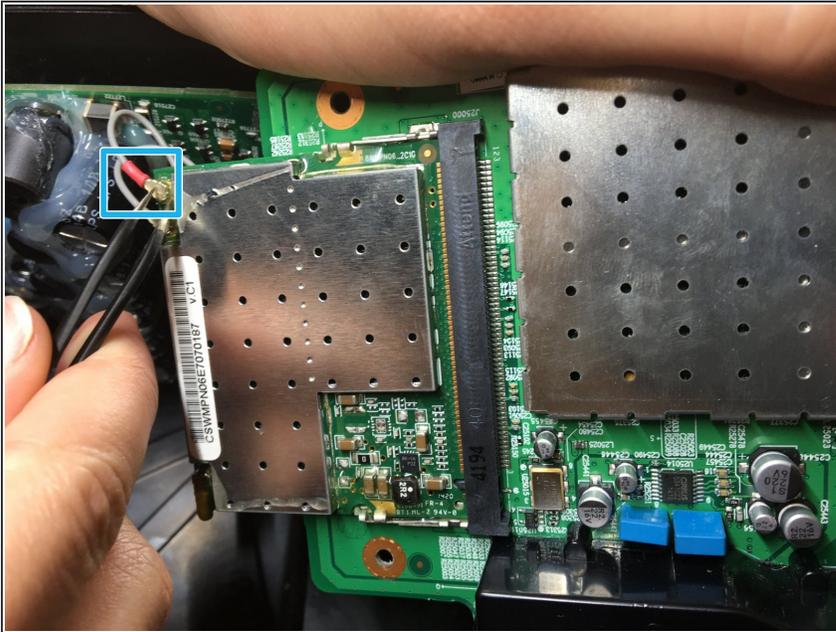
Step 10



- i** The most efficient way to reach the motherboard is to remove the attached amplifier and the motherboard as one unit.
- Remove the cable connected to the amplifier by gently pulling the cable away from the amplifier.
 - The cable wiring is now disconnected from the amplifier.

This document was generated on 2019-10-01 03:30:00 PM (MST).

Step 11



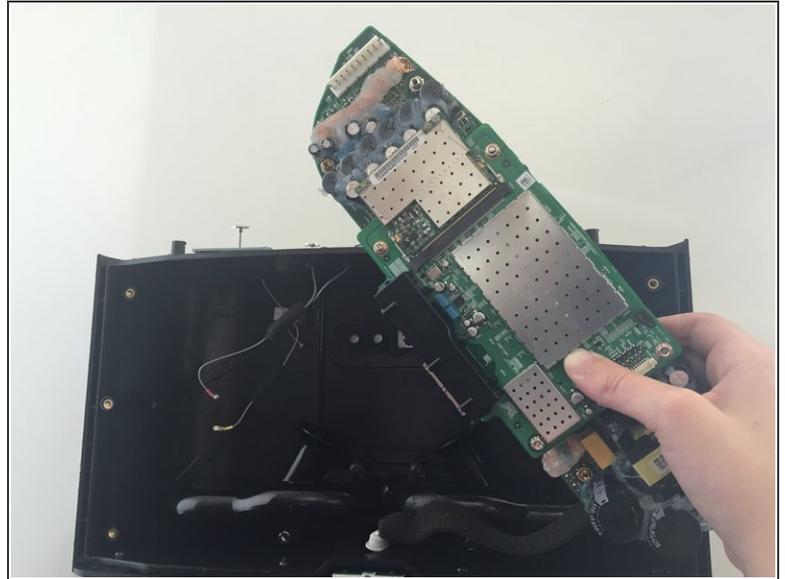
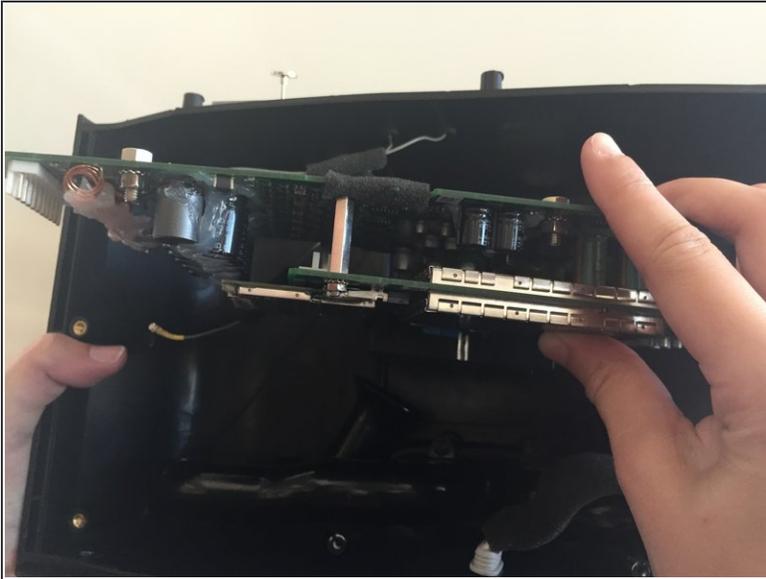
- Use tweezers to pry away the four connectors that attach to the amplifier.

Step 12



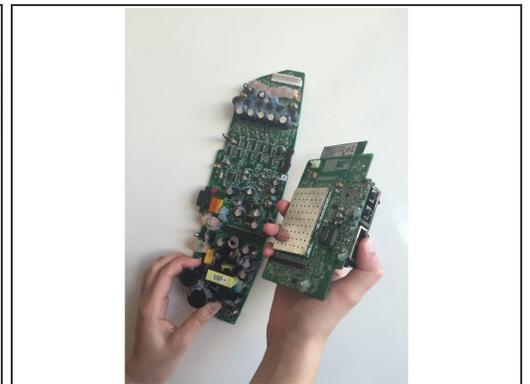
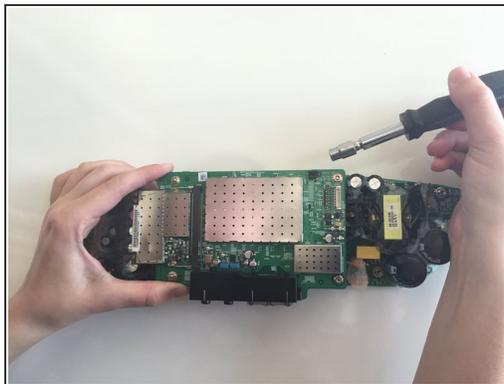
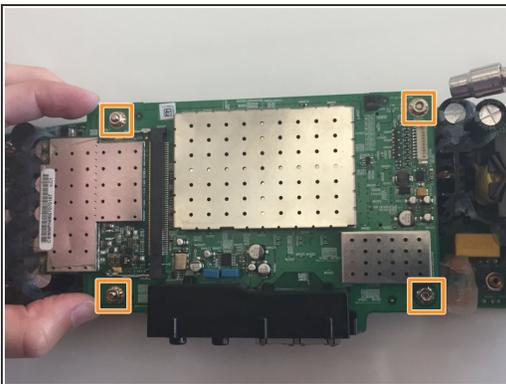
- Turn the speaker upside down, with the volume buttons facing down.
- Use a #1 Phillips-head screwdriver to remove the six 10 mm screws at the bottom of the speaker.

Step 13



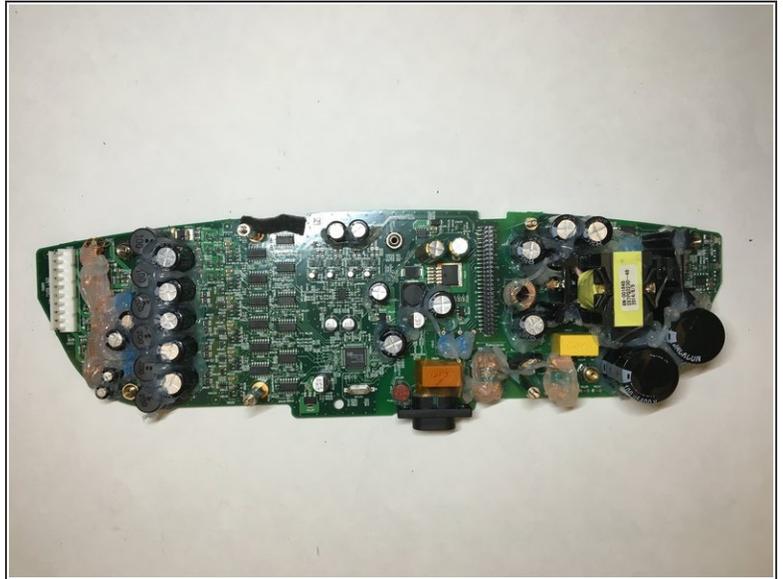
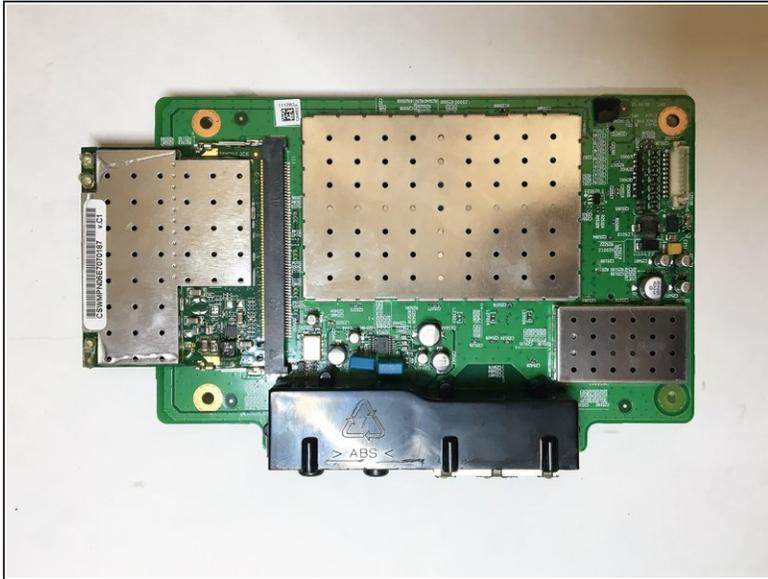
- Gently lay the speaker flat, with the interior of the speaker facing the surface.
- Slide out the amplifier and motherboard as one unit.

Step 14



- Use a 6 mm Allen socket to remove the four bolts attaching the amplifier to the motherboard.
- Slowly lift the amplifier away from the motherboard.

Step 15



- The Motherboard and Amplifier now stand alone as single parts.

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