



Beats Solo 3 Motherboard Replacement

This guide will help you disassemble and replace the motherboard on your Beats Solo 3 headphones. The model number is A1796.

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INTRODUCTION

This is a motherboard replacement guide for the Beats Solo3 Headphones. The model number is A1796. This guide will show you how to safely and accurately remove and replace the motherboard from your headphones. The motherboard allows audio to be played wirelessly through any device such as a mobile phone. Symptoms that can result in a motherboard replacement can be found on our [troubleshooting page](#).



TOOLS:

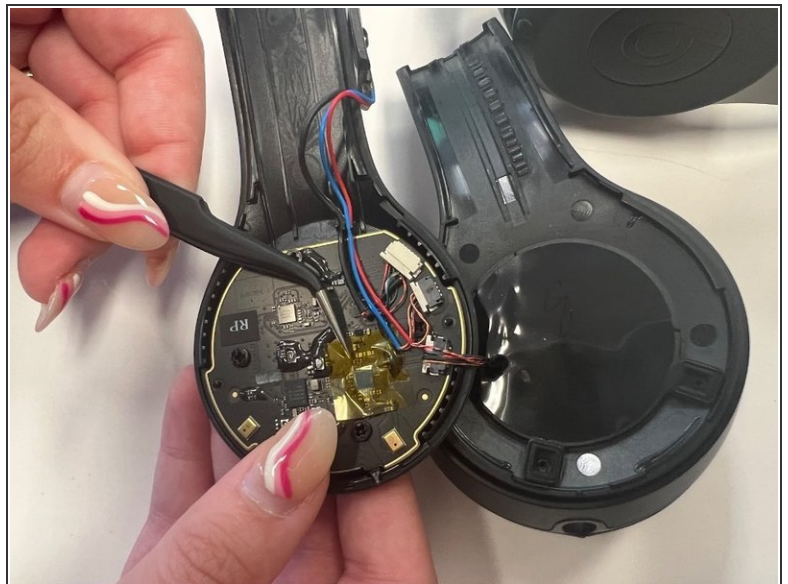
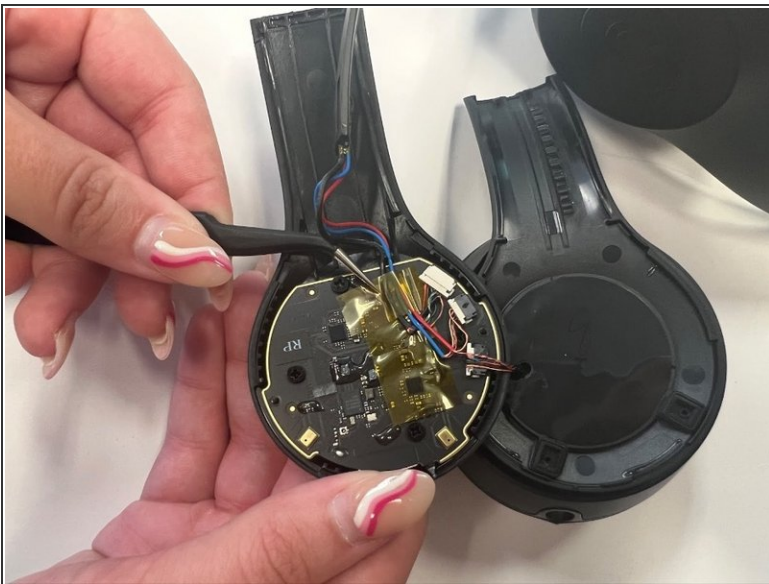
- [Phillips #00 Screwdriver](#) (1)
 - [Tweezers](#) (1)
 - [iFixit Opening Tool](#) (1)
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Step 1 — Motherboard



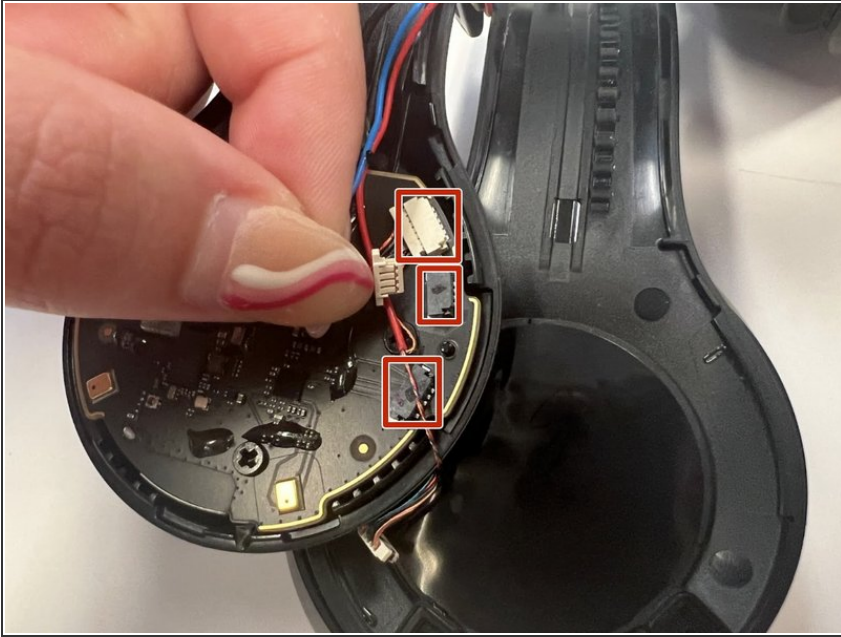
- Use an opening tool to open the headband at the color seam.
- ❗ The audio board is located inside the "Left" ear cup.

Step 2



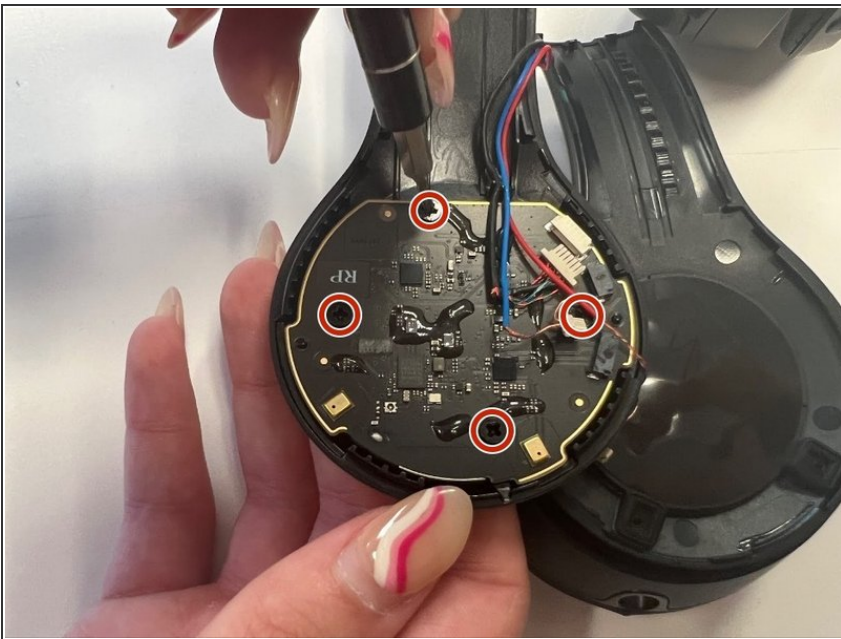
- Use a pair of tweezers to carefully remove the yellow polyimide tape that is attached to the motherboard.

Step 3



- There will be three bundled cables attached to the motherboard. Carefully pull them out of each prong.
- ☑ Make sure to take note of which one belongs where for reassembly later.

Step 4



- Use a Phillips #00 screwdriver to remove the four screws that hold the motherboard in place.
- ⓘ The cap on the outside of the headphones will fall off once the final screw is removed. Do not fear that something broke. Simply reattach during reassembly phase

Step 5



- Finally, remove and replace the motherboard.

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