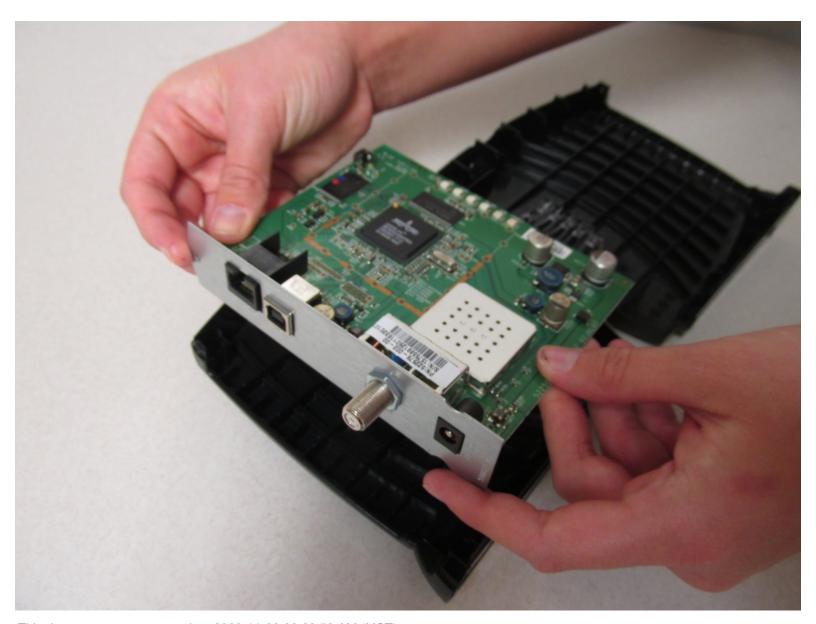


# Motorola SURFboard SB5101 Motherboard Replacement

Use this guide in order to learn where the motherboard attaches to the router and how to separate the two components.

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This document was generated on 2020-11-28 03:23:53 AM (MST).

#### **INTRODUCTION**

Removing the motherboard is necessary if the motherboard itself or components of the motherboard need to be accessed or replaced.



# **TOOLS:**

- 64 Bit Driver Kit (1)
- Tweezers (1)

## Step 1 — Removing the Screw on the Back of the Device







- Locate the single 1 cm screw on the back of the device (enclosed by a red circle in the image).
- Using a screwdriver with a Torx 10 hex screw, begin removing the 1cm screw by turning the screwdriver counterclockwise.
- Remove the screw and set aside.

#### Step 2 — Unlocking Router







- (i) Rotate your device 90 degrees to the right so that the bottom of the device is facing you.
- Locate the two horizontal slots on the bottom of the device.
- (i) You may need to remove the sticker on the bottom of the device to access these slots.
- Insert the back end of the forceps into one of these slots. You may also use any other flat, narrow tool that fits into the slots.
- Gently push the forceps into device. You should feel movement or hear a click, signifying this side
  of the device is unlocked.
- Repeat with the other slot to completely unlock the device.

#### Step 3 — Removing the Cover







- Grab the top and the bottom of the device and gently pull the device open.
- Continue pulling until you have completely removed the top cover of the device.
- When reassembling your device, make sure the standby key is properly in place. See the <u>Standby Key Guide</u> for more information.
- Also ensure that when you close the two sides of the cover the LED indicator lights are inside the information panel.

#### Step 4 — Grabbing the Motherboard





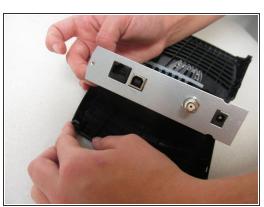
 After opening the router, grab the upper left corner of the sliver face plate and gently pull the motherboard out of the slot from within the case.

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## **Step 5** — Removing the Motherboard







Slowly lift the motherboard out of the case.

To replace the motherboard, follow these instructions in reverse order.