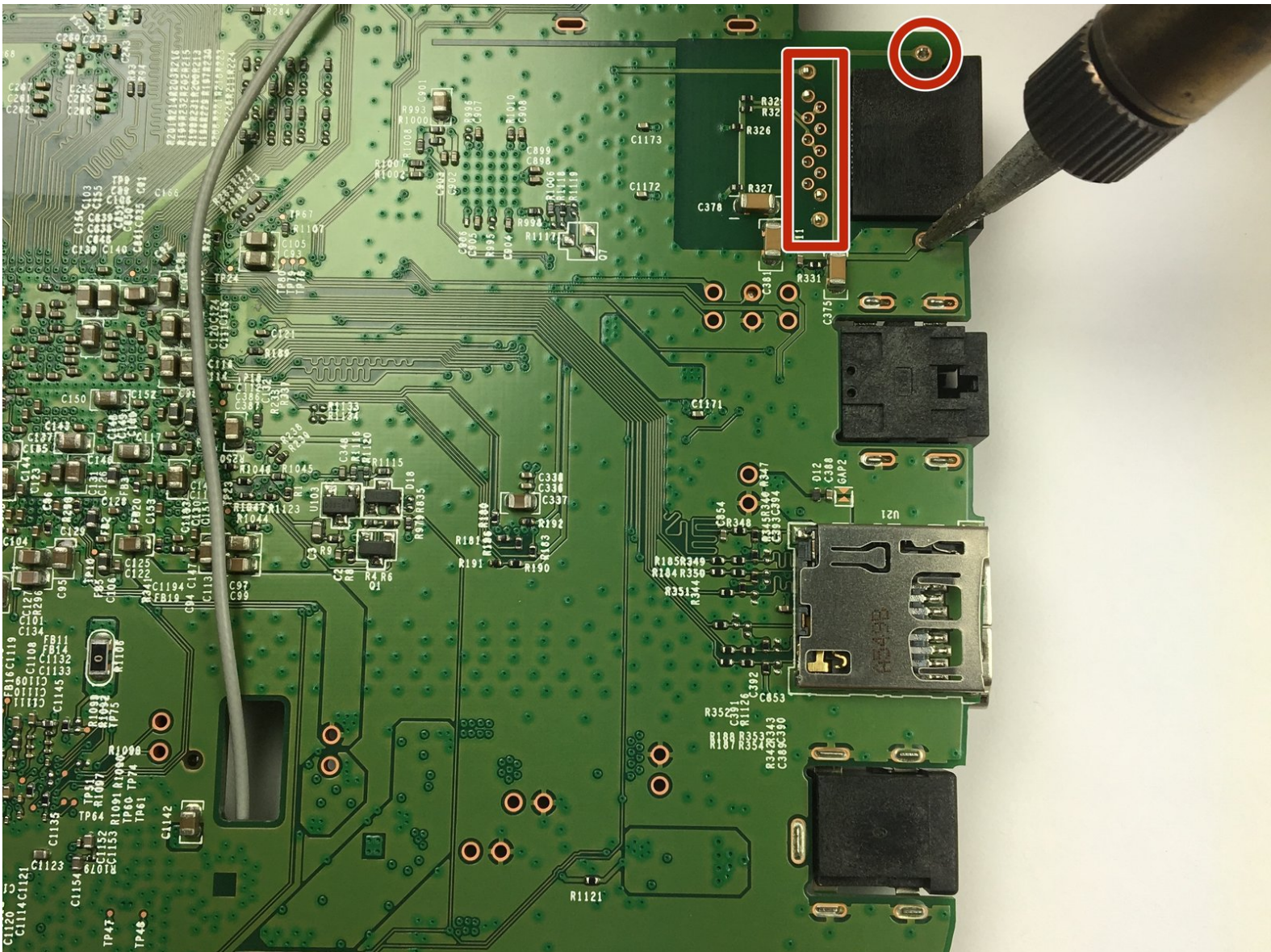# Roku 4 Ethernet Port Replacement

This guide will help you open the Roku 4, remove the motherboard, and extract the Ethernet Port.

Written By: Hank Harrison

This document was generated on 2019-10-09 10:26:28 PM (MST).

© iFixit — CC BY-NC-SA   www.iFixit.com   Page 1 of 8

🔧 TOOLS:

- [Phillips #0 Screwdriver](#) (1)
- [iFixit Opening Tools](#) (1)
- [Portable Soldering Iron](#) (1)

This document was generated on 2019-10-09 10:26:28 PM (MST).

Step 1 — Motherboard

- Place the Roku 4 face-down on a table. The rubber sticker should be facing you.
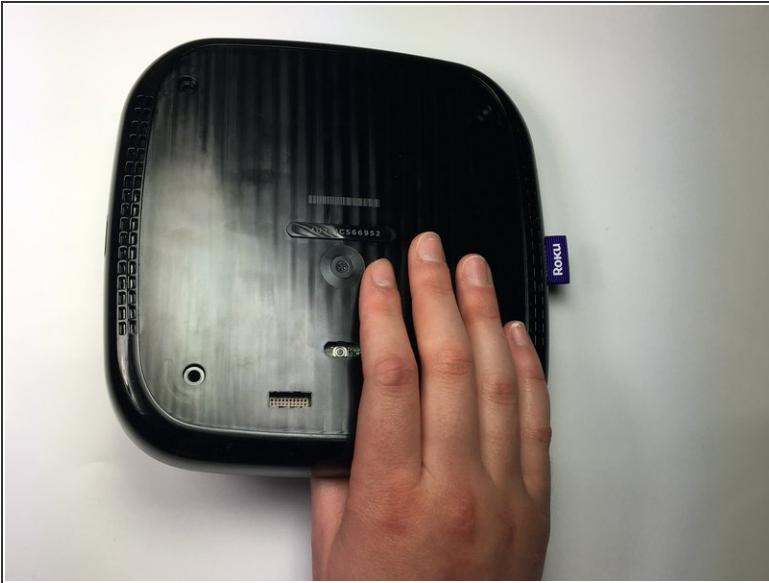
Step 2

- Starting at one corner of the device, pull the rubber sticker back toward the opposite corner of the device carefully to reveal the underlying screws.

- Completely remove the rubber sticker to reveal the underlying screws on the device.

- 📌 Place the rubber sticker facing up on the table to preserve its adhesiveness. It will be needed to reassemble the device.

Step 3

- Turn the Phillips PH1 screwdriver counterclockwise to unscrew all 4 of the 12.0 mm screws.

- 📌 Store the screws in a safe place, such as on a magnetic project mat, so they do not get lost before reassembly.

Step 4

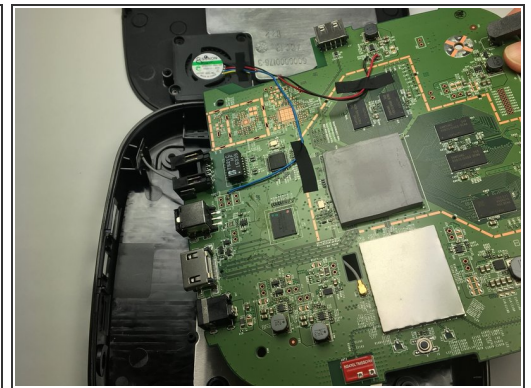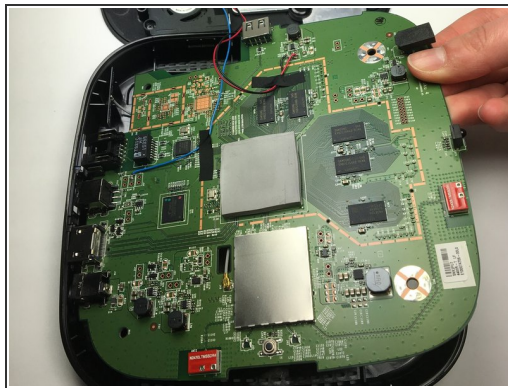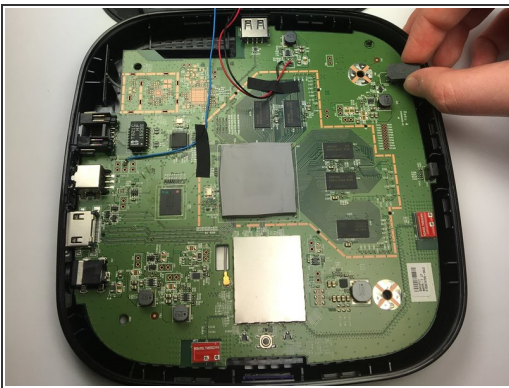- Turn the device over so you can see the "4" on the top cover.

Step 5

- Wedge a plastic opening tool into the seam between the top cover and bottom casing of the device and create a gap.

⚠ Prying open the device is quite difficult and requires a large amount of force. Use caution to avoid breaking the device or hurting yourself.
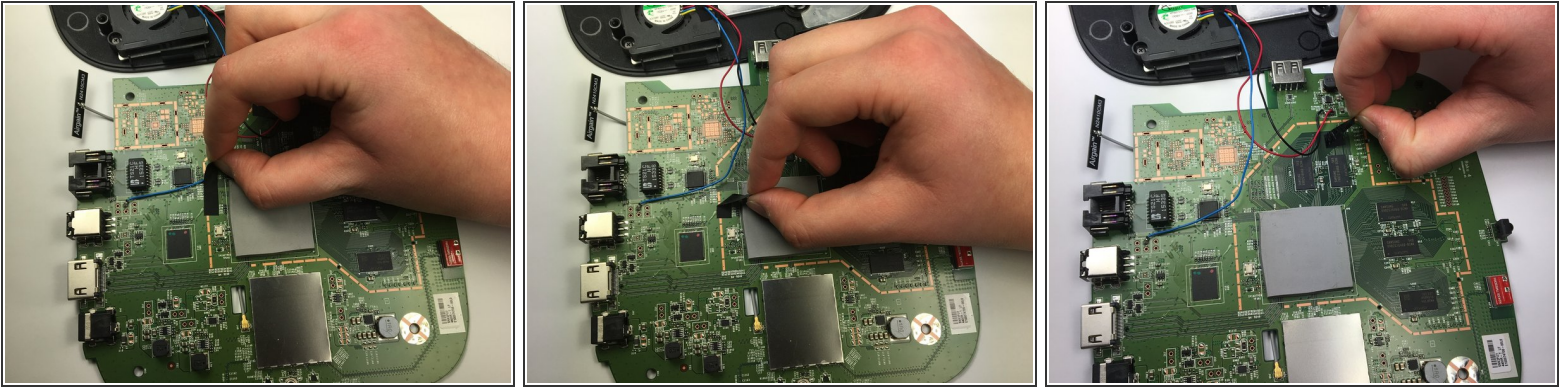
Step 6

- After you have created a gap large enough to fit your fingers between, gently lift up the top cover to open the device and reveal the motherboard.

- (i) The motherboard should still be attached to the underside of the top cover by a red wire, a blue wire, and a black wire.
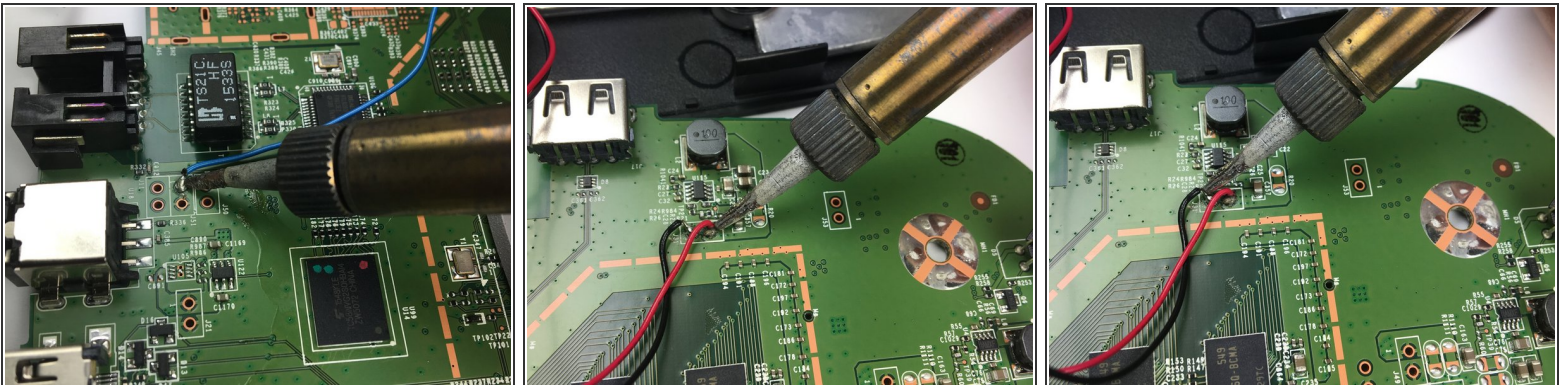
Step 7

- To begin removing the motherboard from the plastic casing, pinch the black plastic clip and gently pull upward.

- Once you feel the motherboard begin to loosen from the plastic casing, pull it upward to remove it completely.

- (i) The motherboard should still be attached to the underside of the top cover by a red wire, a blue wire, and a black wire.

Step 8

- Peel back the black adhesive strip that attaches the blue wire to the motherboard.

- Repeat this step for the strip that attaches the black and red wires to the motherboard.
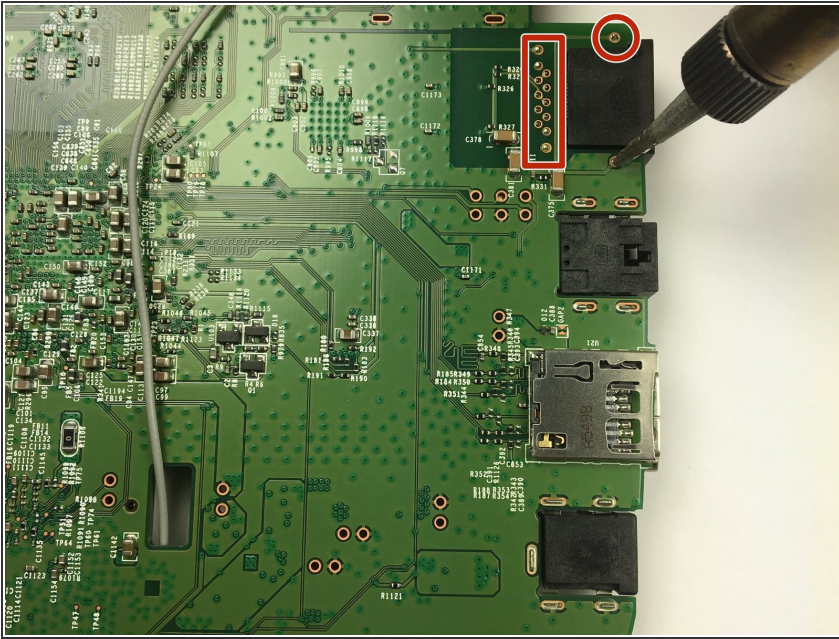
Step 9

- Using a soldering iron, desolder the blue, red, and black wires from the motherboard.

⚠ Consult iFixit's [Soldering Skills](#) guide to safely use the soldering iron.
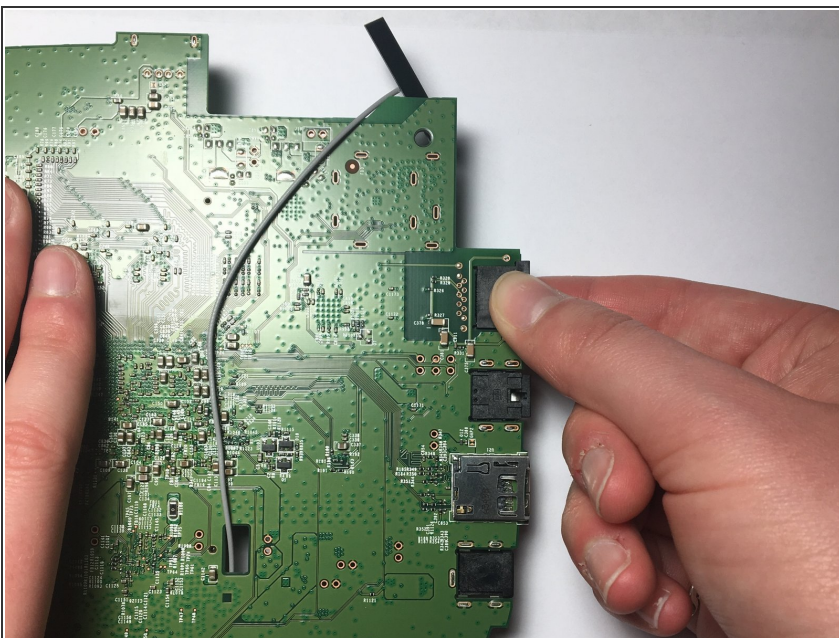
ⓘ The motherboard should now be completely disconnected from the top cover of the device.

Step 10 — Ethernet Port

- Lay the motherboard facedown on the table so you can see the large black ethernet port with several gold connections below it.

- Use a soldering iron to desolder each of the ethernet port's connections to the motherboard.

- ⚠️ Consult iFixit's [Soldering Skills](#) guide to learn how to safely use the soldering iron.

Step 11

- Using your thumb and pointer finger, carefully pinch the Ethernet port and pull it to the right, away from the motherboard, to remove it.

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

This document was generated on 2019-10-09 10:26:28 PM (MST).