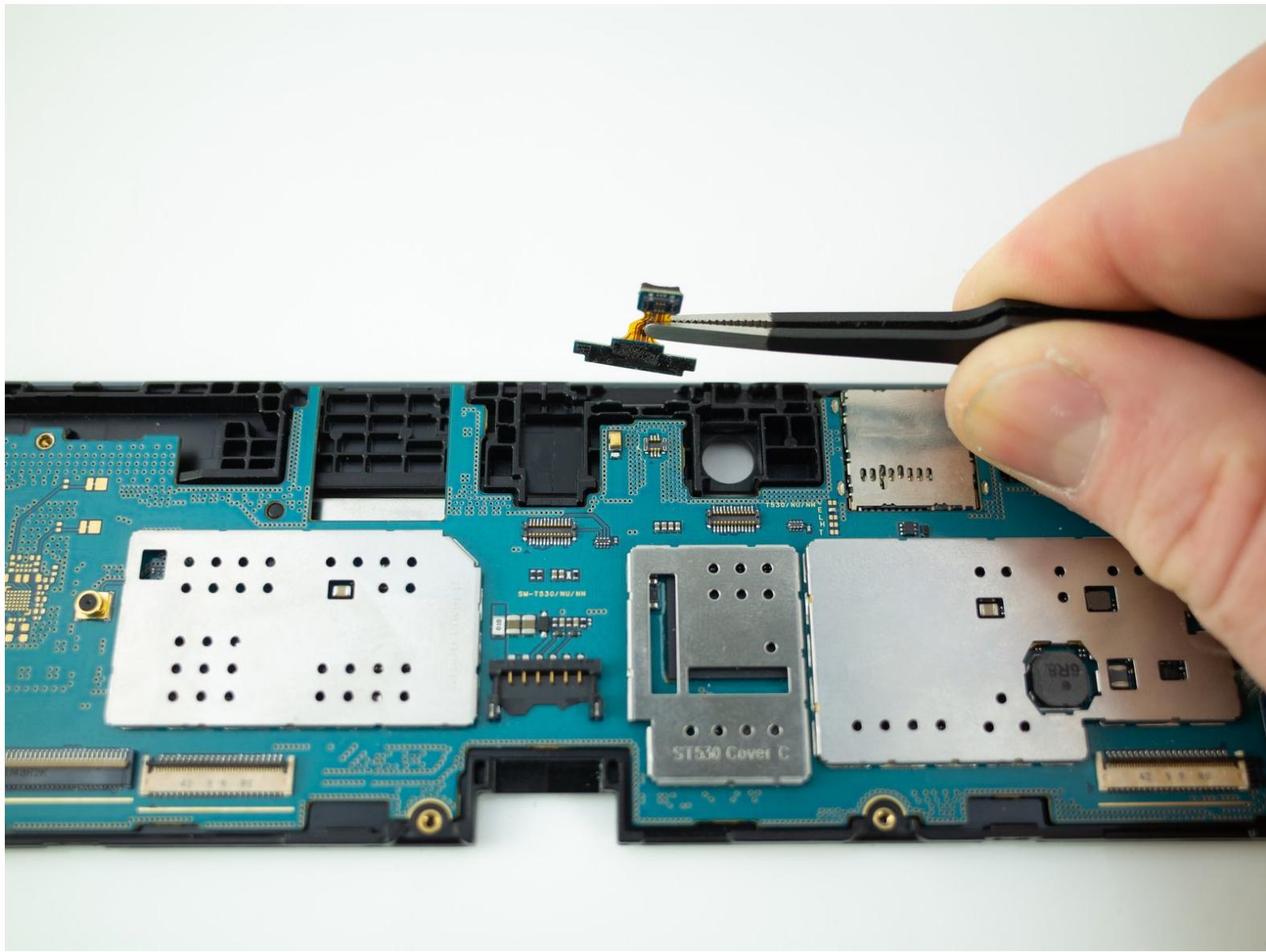




Samsung Galaxy Tab 4 10.1 IR Sensor Replacement

A free replacement guide on how to replace the IR sensor in a Galaxy Tab 4 10.1 android tablet.

Written By: Blake Klein



INTRODUCTION

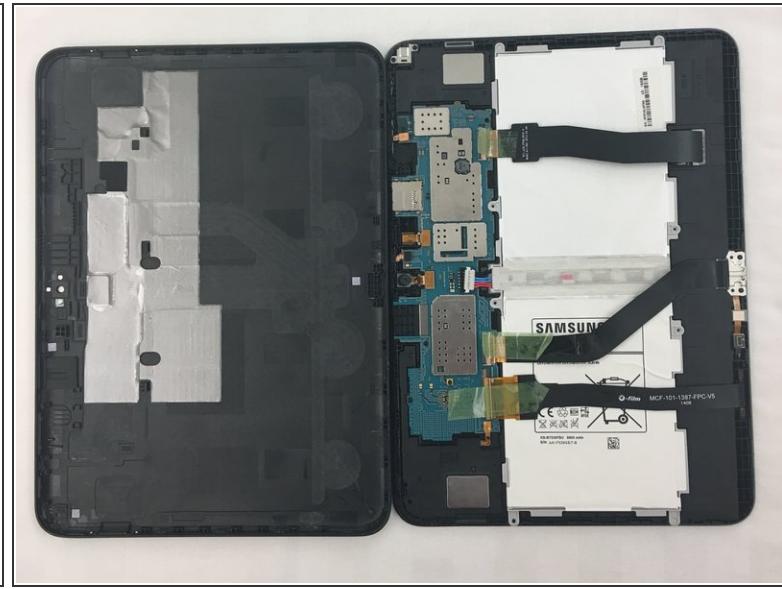
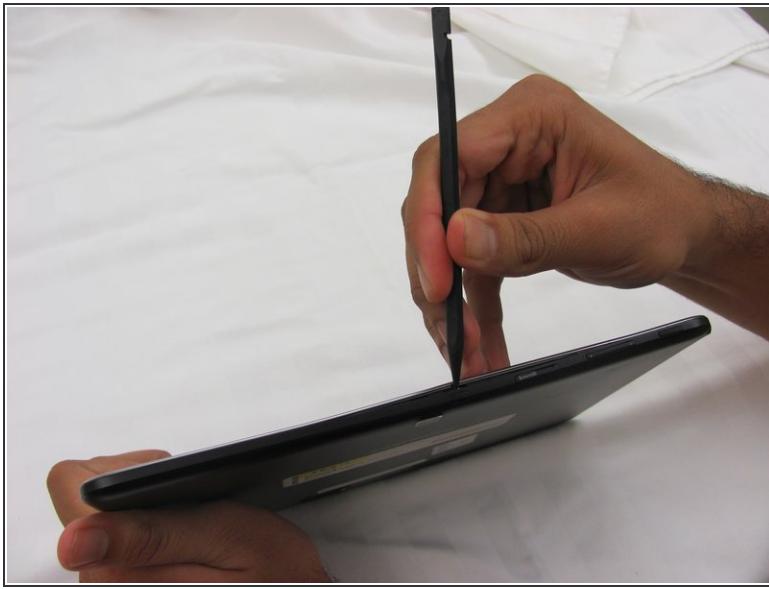
Replacement guide for the IR sensor in a Samsung Galaxy Tab 4 10.1 android tablet.

The battery only needs to be disconnected—skip steps 2, 3, 5, and 6.

TOOLS:

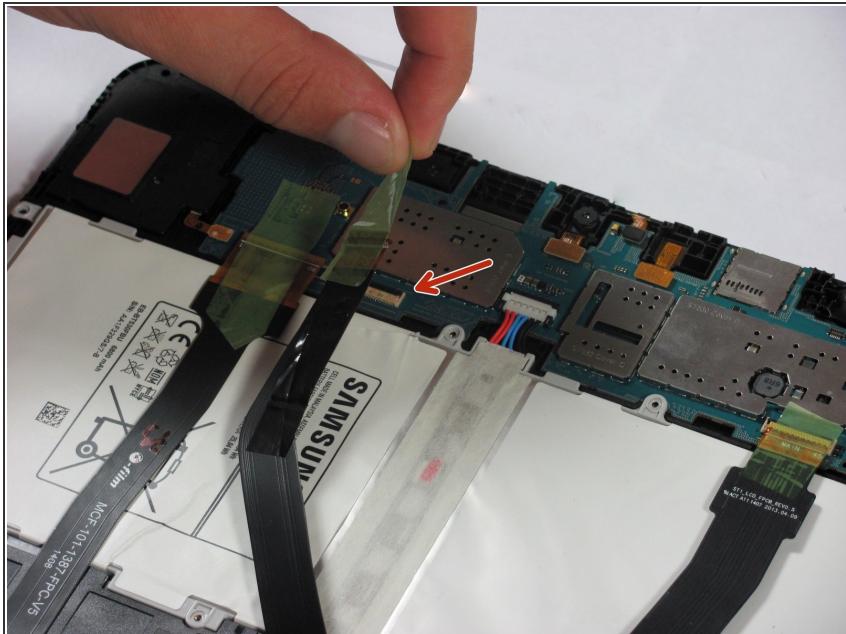
- [Phillips #00 Screwdriver](#) (1)
- [Spudger](#) (1)
- [ESD Safe Tweezers Blunt Nose](#) (1)

Step 1 — Battery



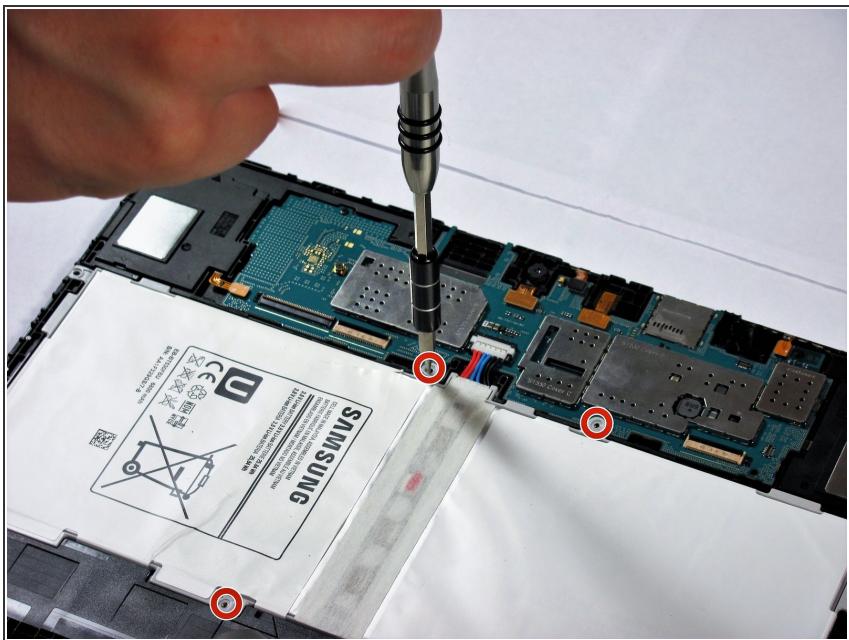
- Insert the wedge of the nylon spudger and slide it between the front and back panels until the back comes off.

Step 2



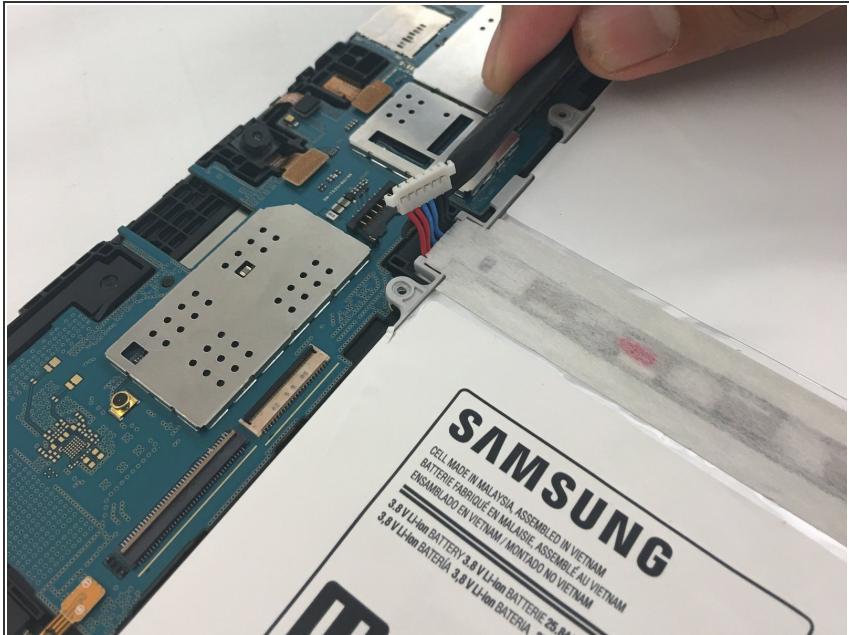
- Peel off the green tape that covers the connectors for the three black strips.
- Use the tip of a spudger or your fingernail to flip up the small retaining flaps.

Step 3



- Use a Phillips #00 screwdriver to remove the four 3.2mm screws.

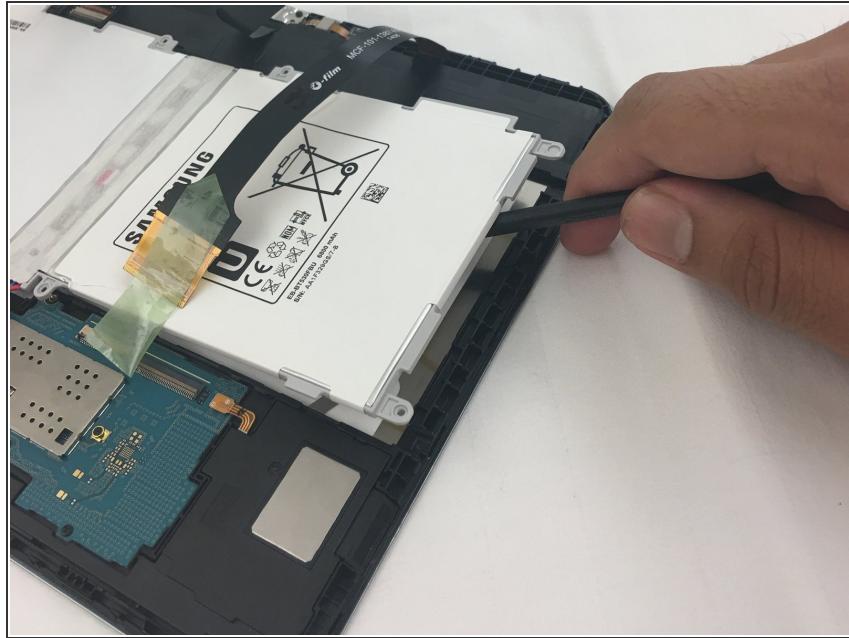
Step 4



- Detach the red, blue, and black cables by prying up on the white connector from the motherboard.
- If using fingers instead, pull evenly on the full width of the cable so the wires are not overly strained.

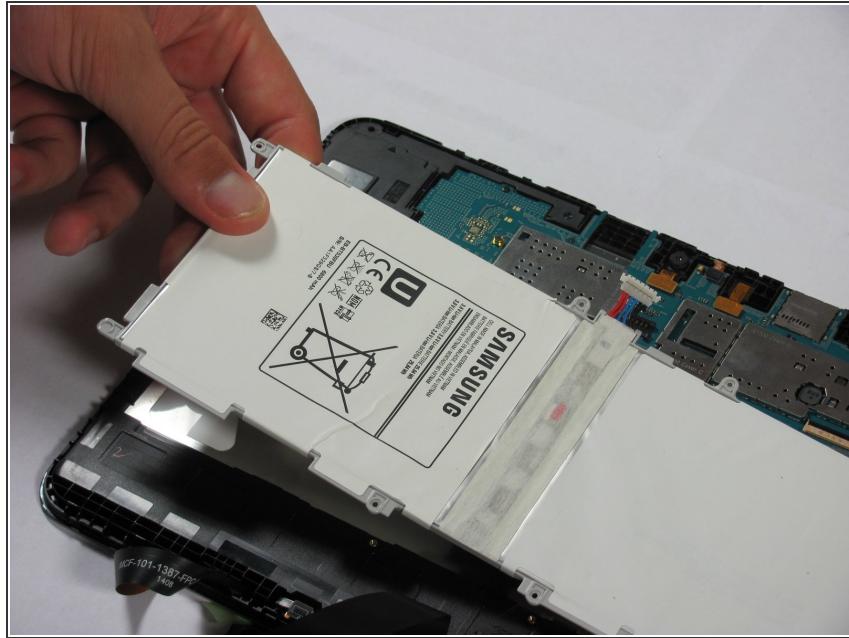
⚠ If you pull too hard you can damage the connector on the circuit board. Use a spudger or tweezers to push down on the black connector on the board while gently prying the battery connector loose. The connector breaks VERY easily.

Step 5



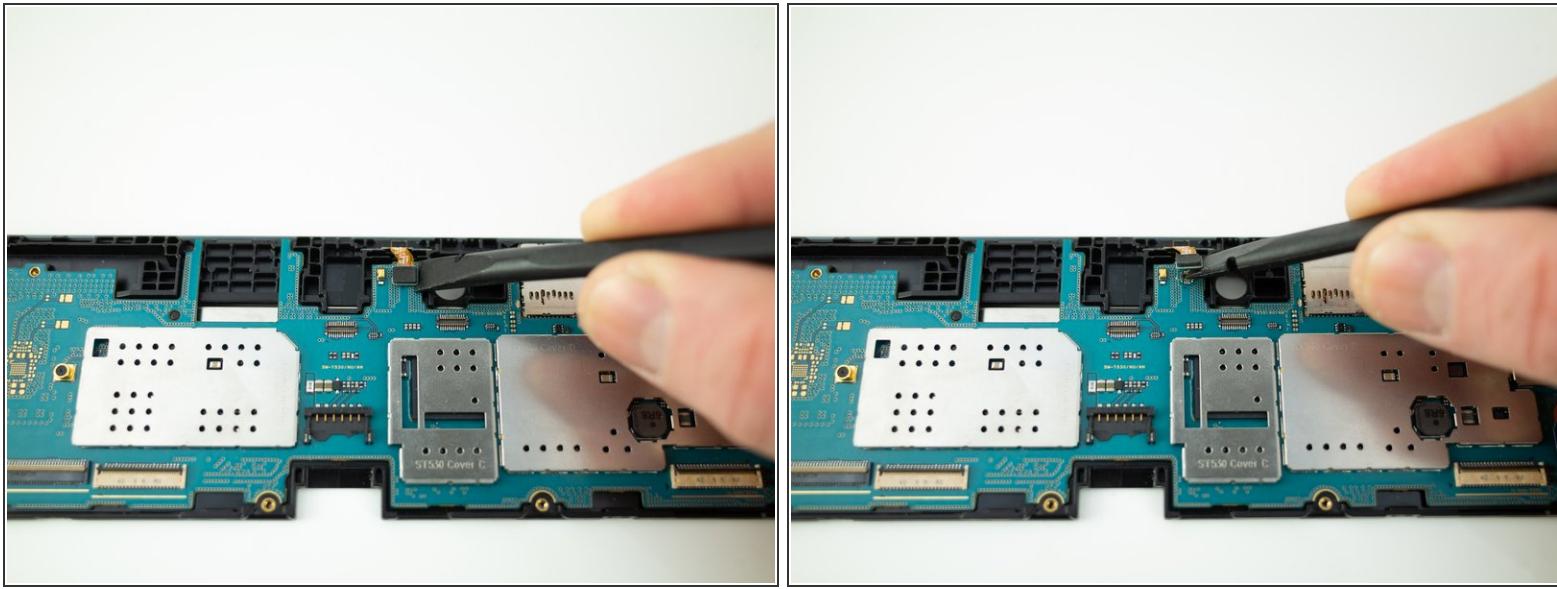
- Use the nylon spudger to remove the battery by prying up on the edges.

Step 6



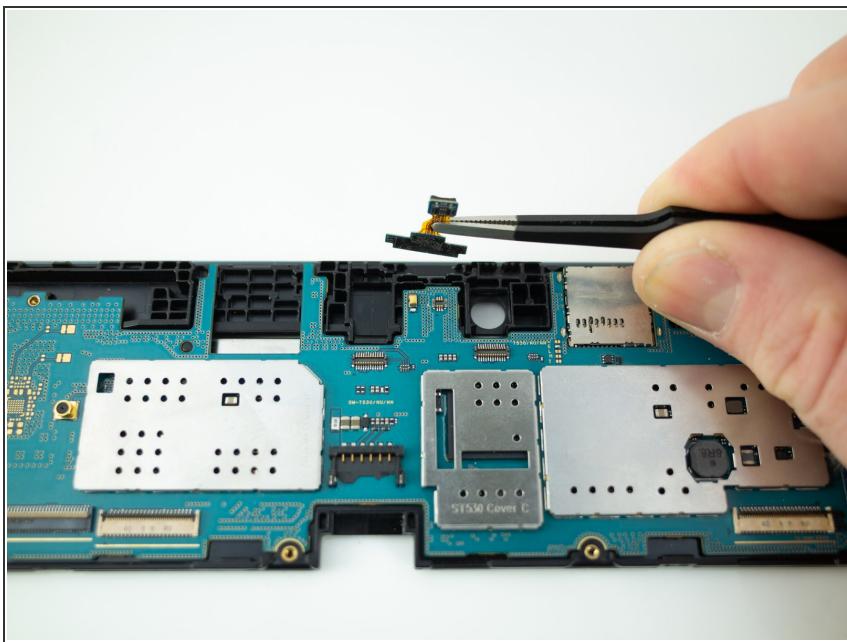
- Once the battery is loose, lift it out of the device.

Step 7 — IR Sensor



- Use the flat end of a spudger to disconnect the IR sensor press-fit connector from the motherboard.

Step 8



- Remove the IR sensor.

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

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