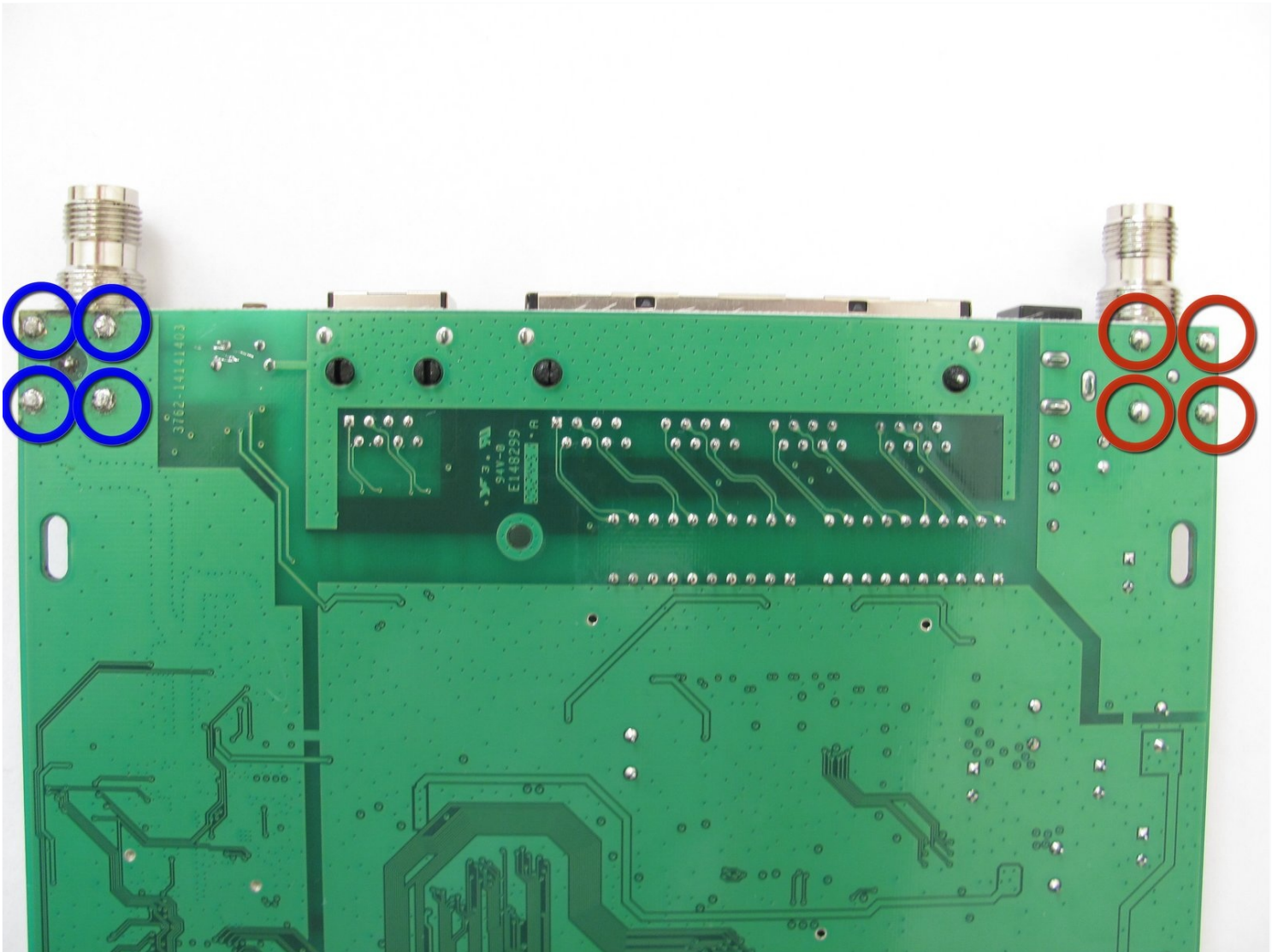




Linksys WRT54GS v2 Antenna Ports Replacement

You will be desoldering the antenna ports.

Written By: Allian Roman



INTRODUCTION

You will be desoldering the antenna ports.

TOOLS:

[Desoldering Braid](#) (1)

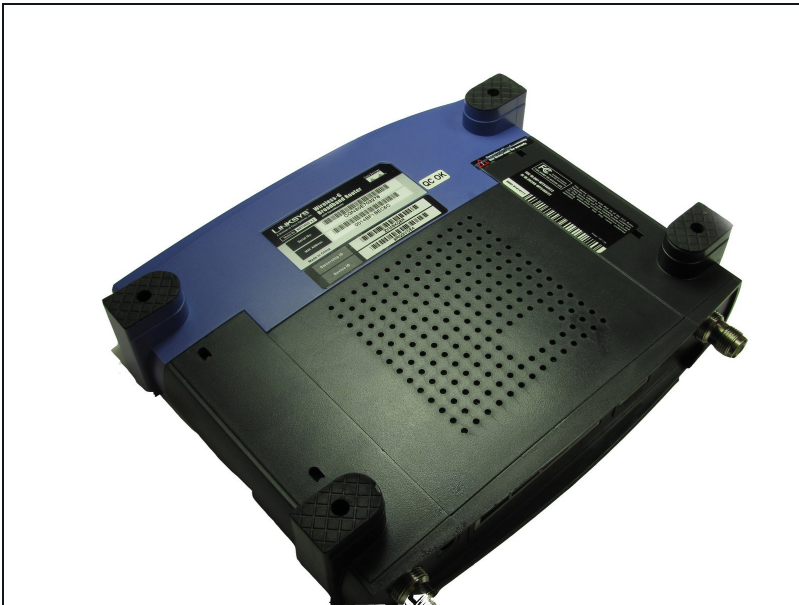
[Metal Spudger](#) (1)

[Phillips #2 Screwdriver](#) (1)

[iFixit Opening Tool](#) (1)

[Soldering Iron 60w Hakko 503F](#) (1)

Step 1 — Front Case



- Turn the router over so that all four of its feet are facing upwards.

Step 2



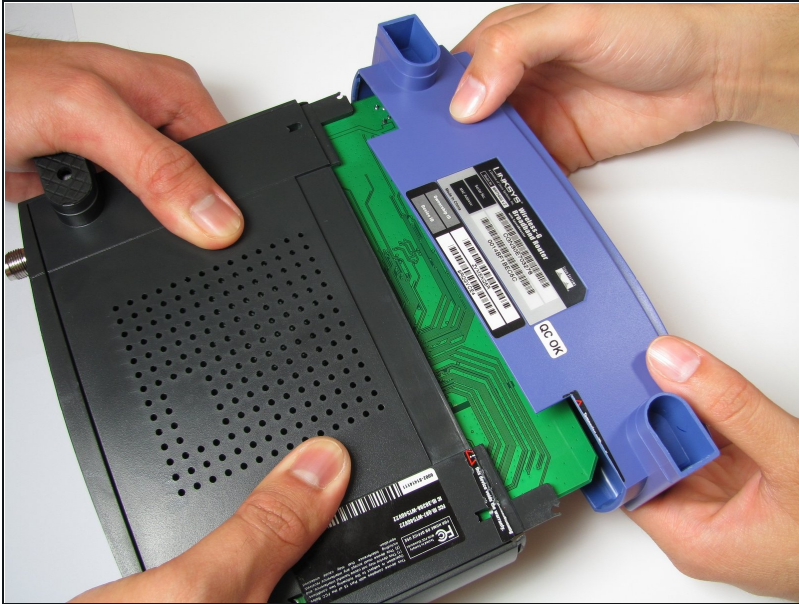
- Remove the rubber inserts inside the the two purple feet located on the router's front case.
- This may be a challenge, so try the following two methods:
 - Use a plastic opening tool. Insert the flat end of the tool into the seam and slowly pry the rubber feet out.
 - Use a metal spudger. Insert the point of the metal spudger directly into the hole of the rubber feet and pry the insert out.

Step 3



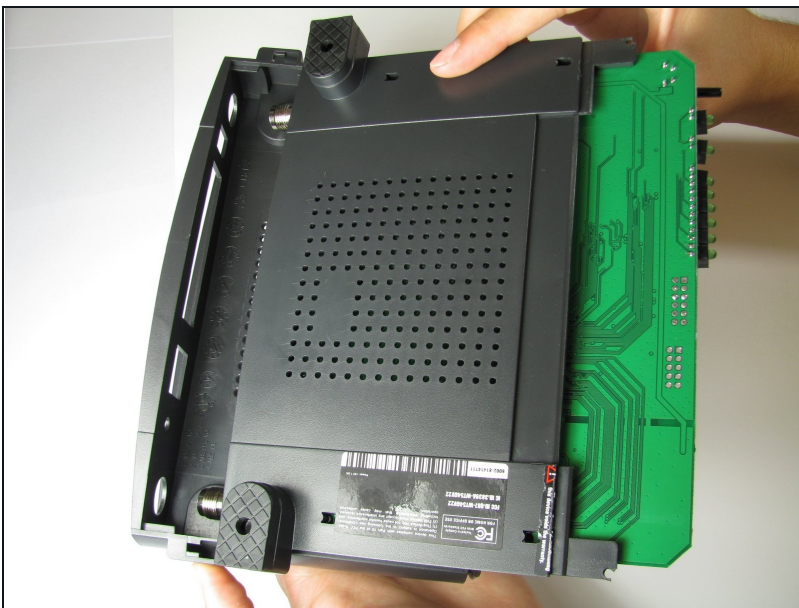
- Use a Phillips #2 Screwdriver to remove the two 5.8 mm screws holding the front case to the motherboard.

Step 4



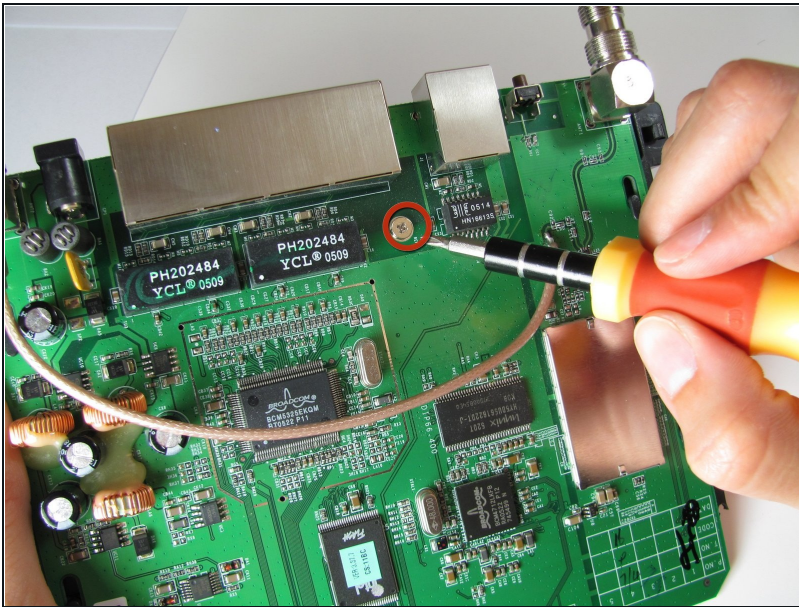
- Squeeze the sides of the router's backcase inward and pull off the purple front case. It is helpful to have a second person assist you for this step.

Step 5 — Motherboard



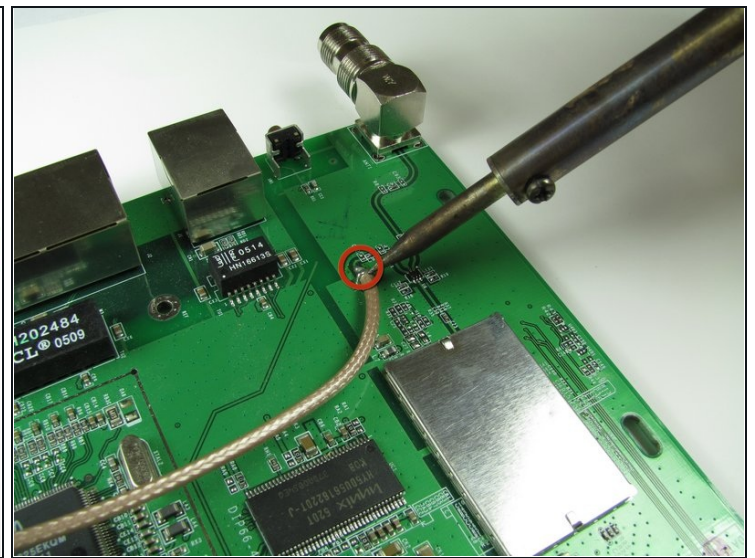
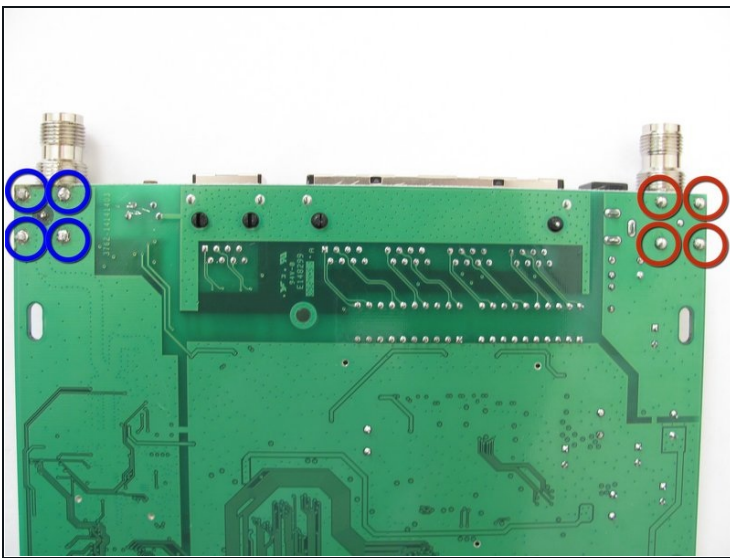
- Slide the board unit out and up.

Step 6



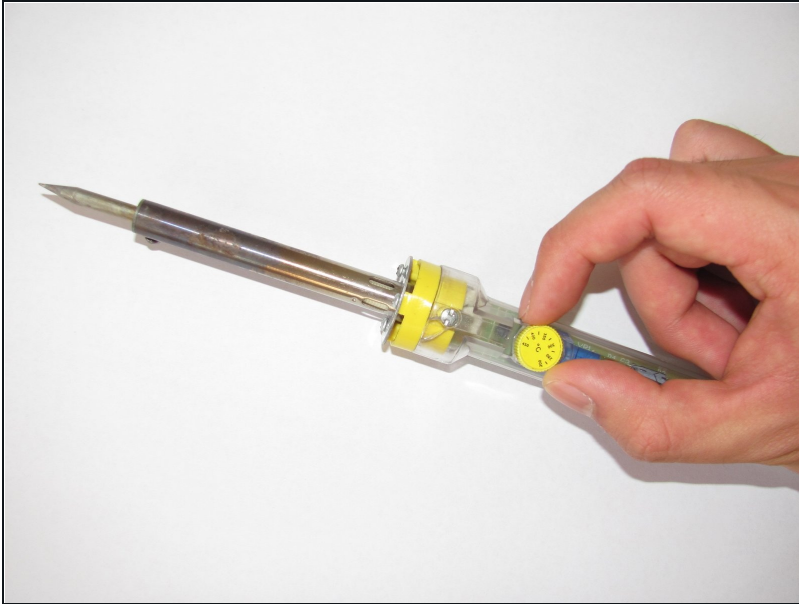
- Flip the circuit board over and use a Phillips #2 Screwdriver to remove the 6.9mm screw holding the board to the back case.
- Slide the back cover out and away from the circuit board.

Step 7 — Antenna Ports



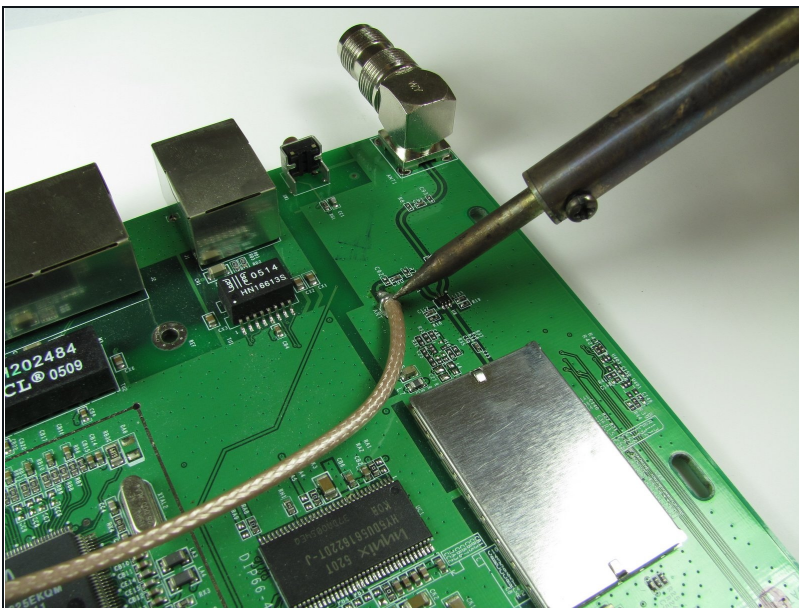
- Turn the circuit board over and identify which solder connection you will desolder.
 - The solder connections shown in red hold the right antenna port in place. There is one more attachment for this antenna on the other side of the board.
 - The solder connections shown in blue hold the left antenna port in place. Desolder these 4 points to remove the antenna port.

Step 8



- Turn on your soldering iron and allow it to get to its highest temperature setting (minimum 600°F).

Step 9



- Desolder the connection by following iFixit's guide to repairing soldered connections: [How To Solder and Desolder Connections](#).

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