Linksys BEFSR41 Teardown

simple 4 port router

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INTRODUCTION

Demo teardown at Maker-Faire 2010

🔧 TOOLS:

- Phillips #0 Screwdriver (1)

Step 1 — Linksys BEFSR41 Teardown

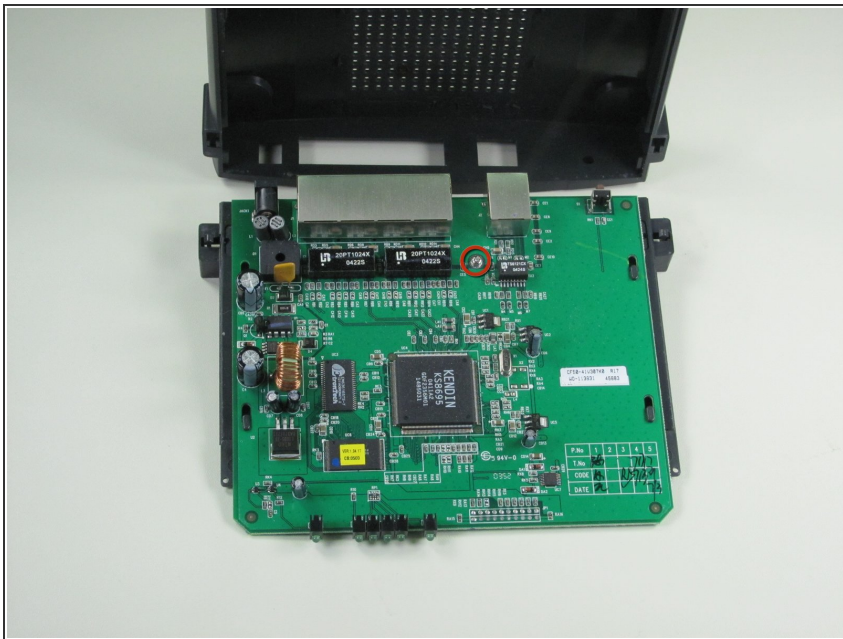- Top down view of the device.

www.iFixit.com

Step 2

(i) There actually aren't any screws or notches under the rubber feet on this model. A little force is all that's needed to pull off the front blue panel. (The front is held on by a recess/notch on each side)
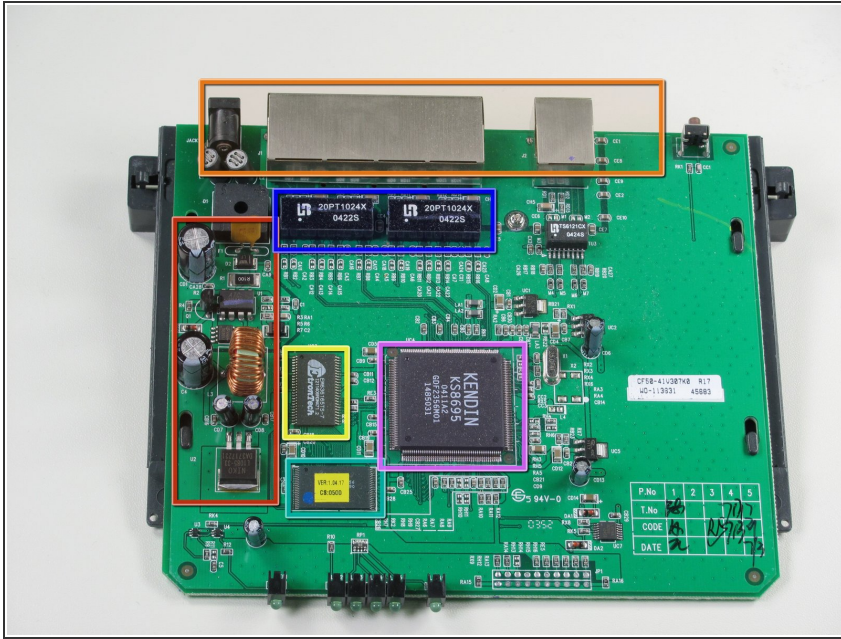
Step 3

- Once the front blue panel is off, the top panel slides back and then comes off easily (it's connected to the bottom panel by two plastic notches).
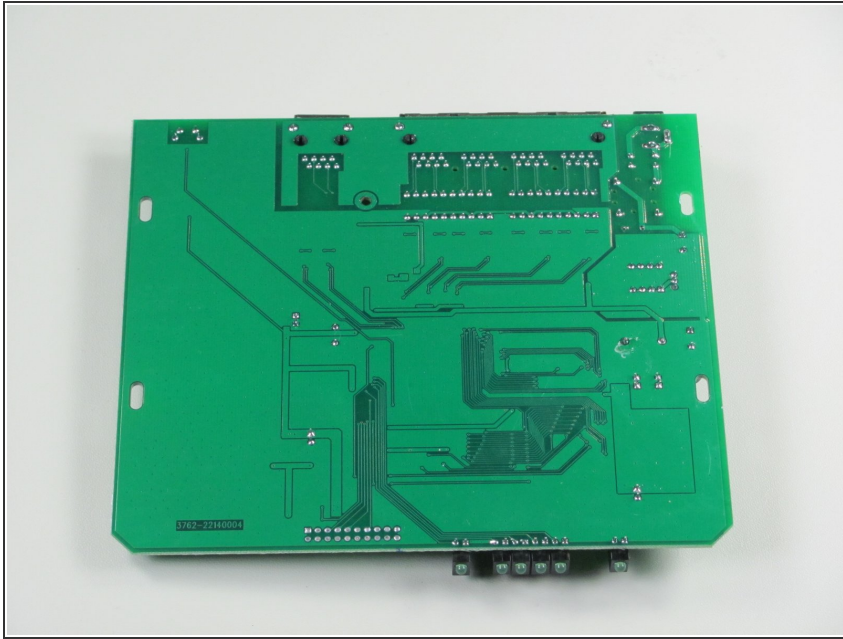
Step 4

- Remove one small Philips screw from the logic board so you can remove the bottom panel.

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Step 5

- After removing the single screw and sliding off the bottom panel, all that is left is the main circuit board.

- Main Components

  - Barrel-plug power connection / CAT5 / Reset button

  - Power Control

  - Line-drivers (allow CAT5 cables to carry data for 100m)

  - RAM (2Mb) (Stores MAC tables, etc)

  - KS8695 ARM922 (ARM Core, 5 switchboards, tcp/ip/udp packet interface)

  - RAM (1Mb)

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Step 6

● Bottom view of circuit board.

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