![iFixit logo]

# Logitech Harmony Hub Teardown

Give a short summary.

Written By: November Five

# INTRODUCTION

Outline what you are going to teach someone how to do.

## TOOLS:

- Precision Utility Knife (1)
- Phillips #0 Screwdriver (1)

## Step 1 — Unboxing



- Powercord with a micro USB connector

- European plug adapter

- American plug adapter

- Harmony Hub

- Micro USB cable

- IR mini blaster

## Step 2 — Finding the screws



- Since we didn't find any screws we expected them to be under the soft foot pads.

- We easily removed them with a utility knife

- Now we can see 4 screws and 2 openings to the PCB.

- I wondered what they could be but my guess is that they're used to test the PCB.
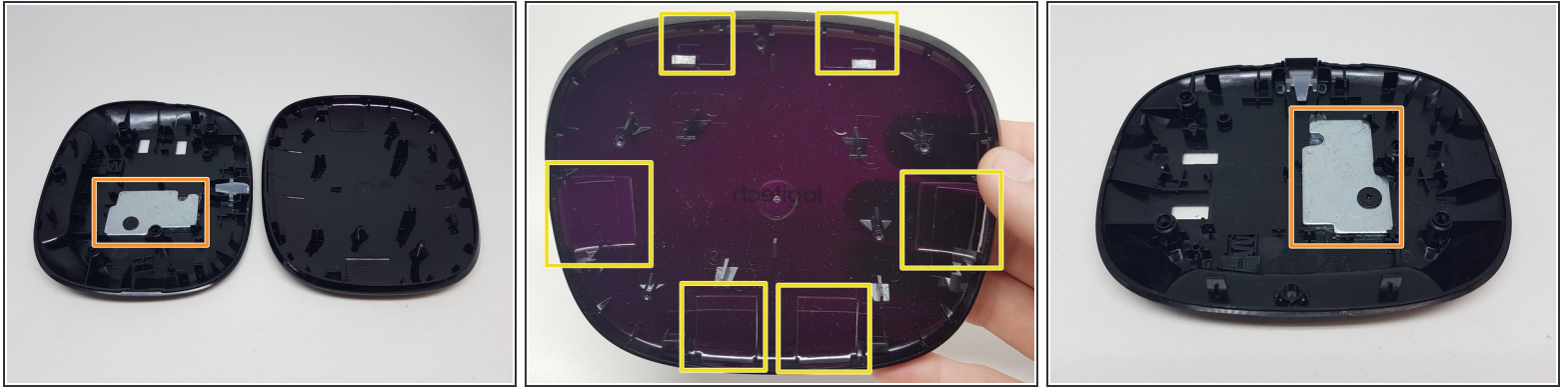
## Step 3 — Opening the hub



- The case opens up easily when using a utility knife around the sides

- This is a cover paper to make sure the status LED doesn't shine in the rest of the casing but just to the front

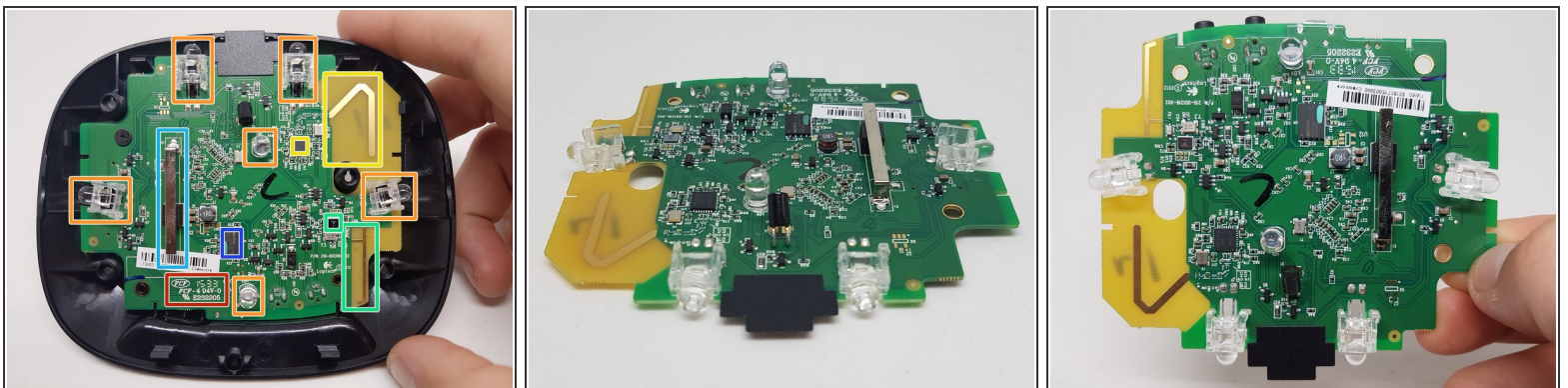This document was generated on 2020-11-14 09:08:55 PM (MST).

## Step 4 — Casing



- Inside the top case we find a load to give the product a little more weight

- As you can see the top case is made a little thinner on the places where an IR led is present

## Step 5 — PCB Top



- PCB was manufactured by a Chinese company called FCF

- There are 6 IR leds spread over the PCB

- CC2544 SoC 2.4-GHz RF Transceiver and antenna

- CSR8811 bluetooth chip and antenna

- WiFi antenna from the AR9331 on the other side of the pcb

- MX25L12835F 128Mbits serial Flash memory

## Step 6 — PCB Bottom
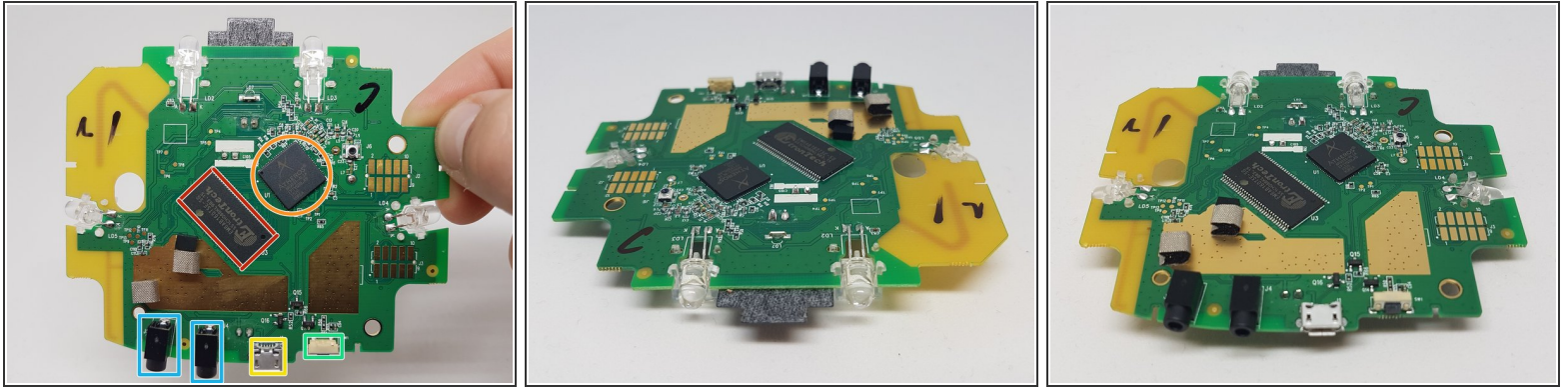


- **EM6AB160TSE-5G** 512 Mbits SDRAM

- **AR9331** 2.4 GHz 802.11b/g/n SoC for AP and Router Platforms

- Micro USB (data and power) - Can be used to extend this hub with a  Harmony Home Hub Extender

- Reset/Pair button

- 2x IR mini blaster ports (2.5mm)