



Beats Solo 2 Wireless Teardown

Written By: Ashley



TOOLS:

Putty knife (1)

Plastic Cards (1)

Phillips #00 Screwdriver (1)

Heavy-Duty Spudger (1)

Step 1 — Let's get started



- You will need the following tools:
- A pry tool or a knife blade
- A PH00 screwdriver

Step 2 — Let's open it up



- Insert your knife blade or pry tool in the centre of the seam
- Follow the seam. You should hear a snap sound of the clips loosening up.

Step 3 — And we are in!



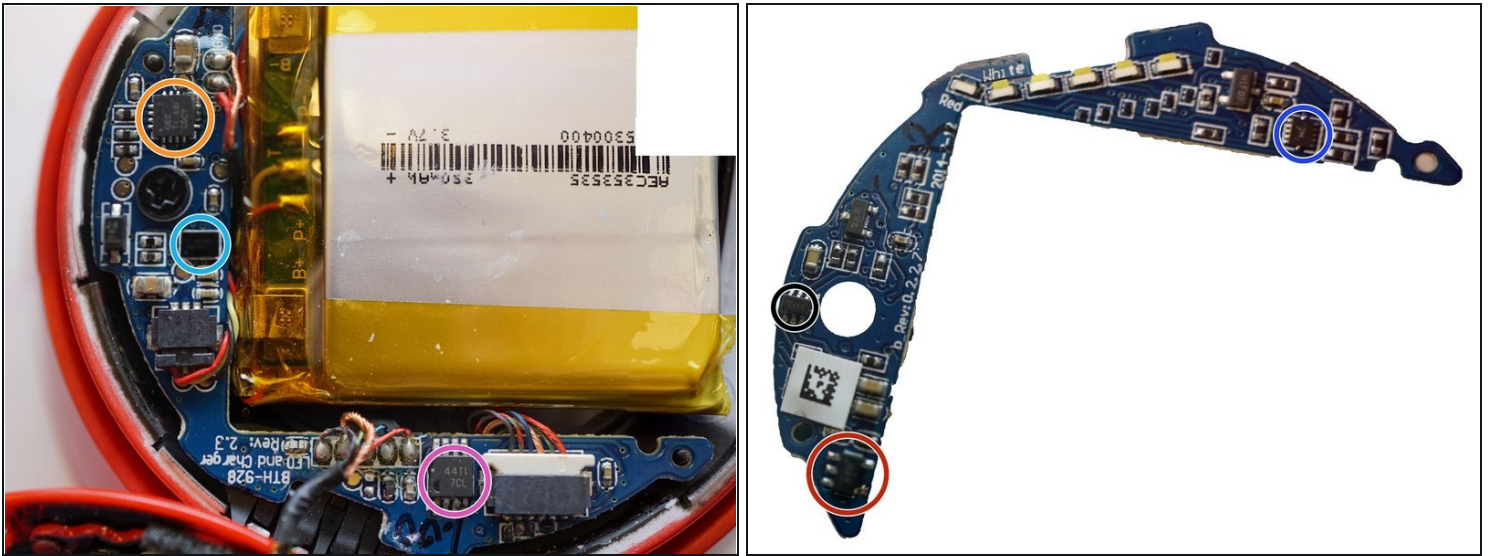
- Disconnect the battery before continuing
- **Watch out for the On/Off button!**

Step 4 — Take the battery out



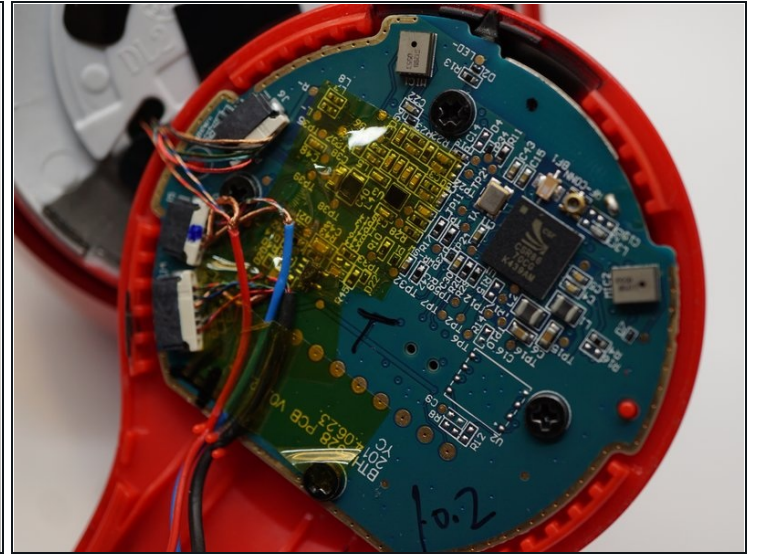
- You can take the battery out by using a [plastic card](#) such as a credit card

Step 5 — PCB time (L)



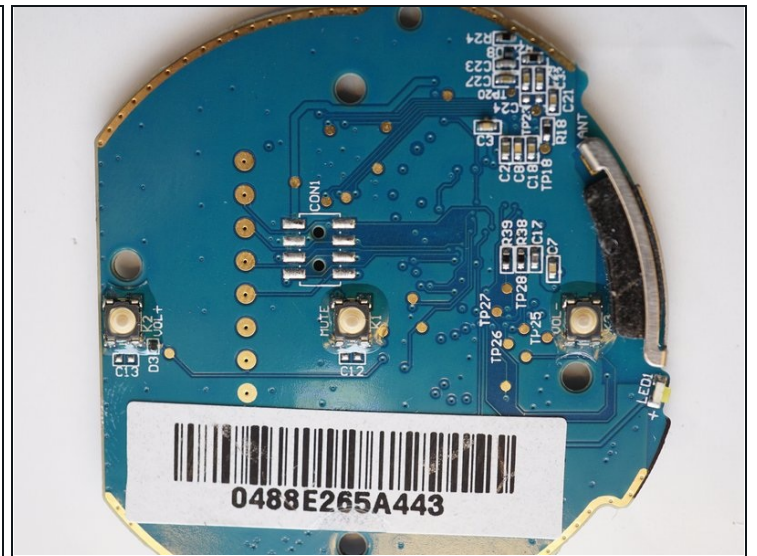
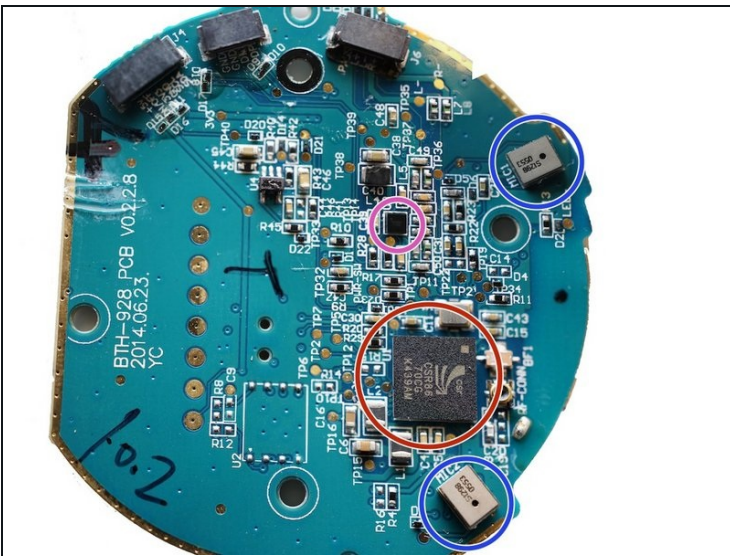
- PCA9536: s I/O Expander
- BQ2407:y Li-Ion Battery Charger and Power-Path Management IC
- BQ27425: Battery Fuel Gauge
- TCA6507: 7-Bit I 2C and SMBus LED Driver
- TPS782: Ultra-Low Quiescent Current Low-Dropout Linear Regulator
- DMMT3904W: Matched Pair NPN Small Signal Transistor

Step 6 — Open the Right side



- This is the place where the wireless magic happens.

Step 7 — PCB time (R)



- CSR8670: Audio System-On-Chip (SoC)
- 2 Microphones
- AMS AS3561 Class-H Stereo Headphone Amplifier

Step 8 — Conclusion



- The Solo 2 wireless uses a lot of TI parts. That means that you can find replacement IC's
 - The battery can be easily replaced, and it's not soldered in.
-