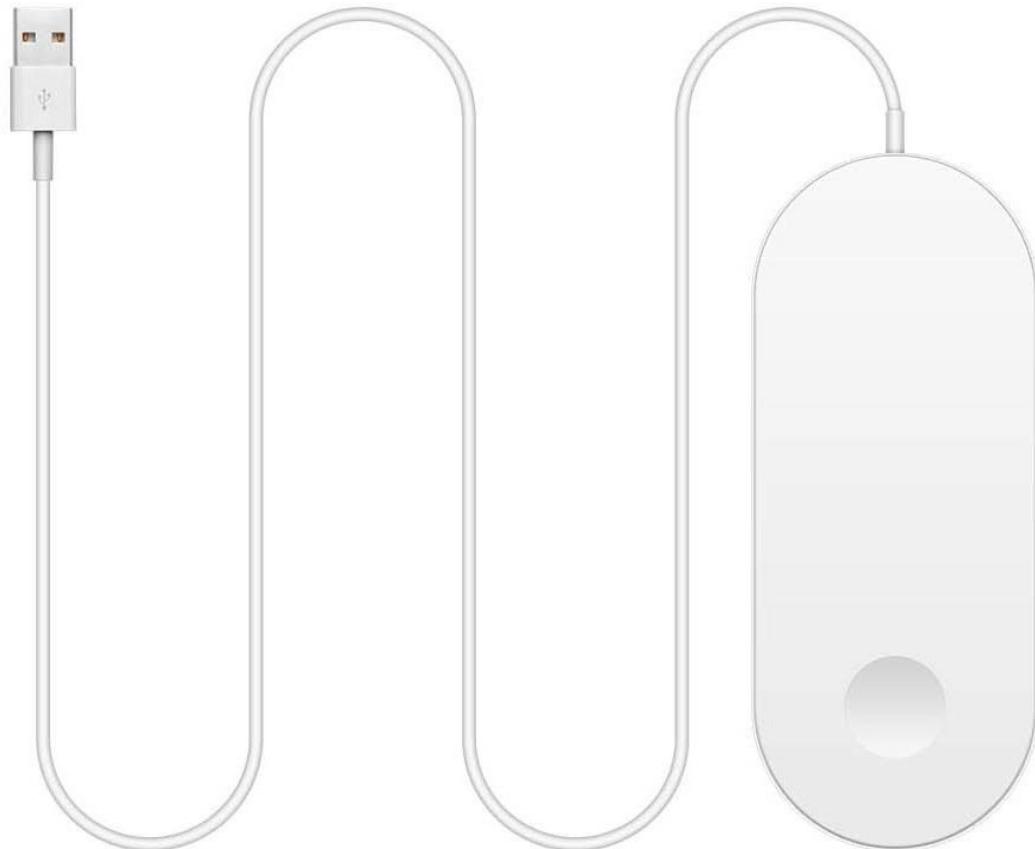




# Mini AirPower Wireless Charger Teardown.

Replica of Apple AirPower. Charge a Qi phone and Apple watch series 2 and 3.

Written By: Lars Jacobs



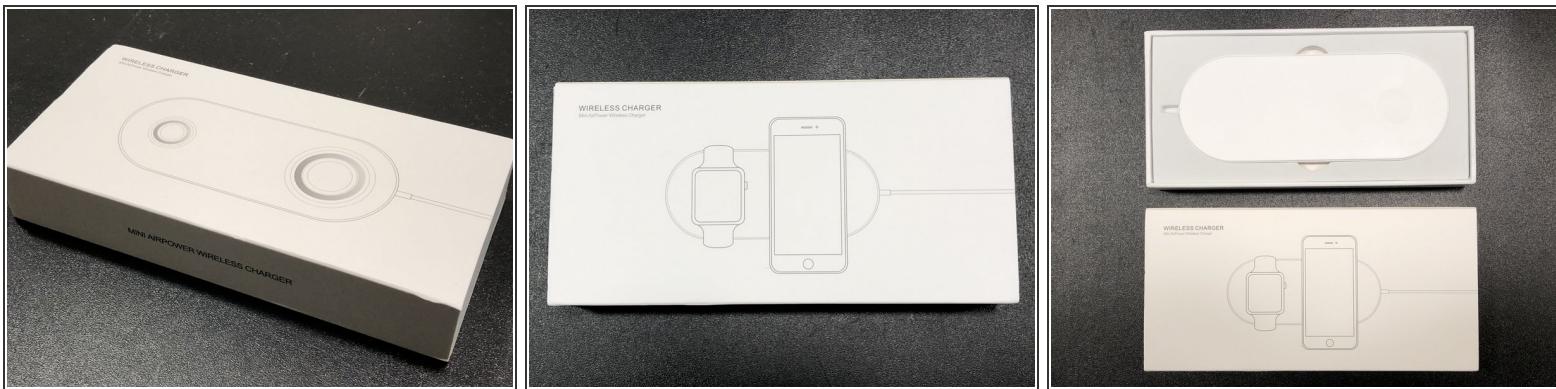
## INTRODUCTION

The original Apple AirPower is delayed. But some chinese websites (like AliExpress) sell replica's of the AirPower. We where curious what is inside of it.

### TOOLS:

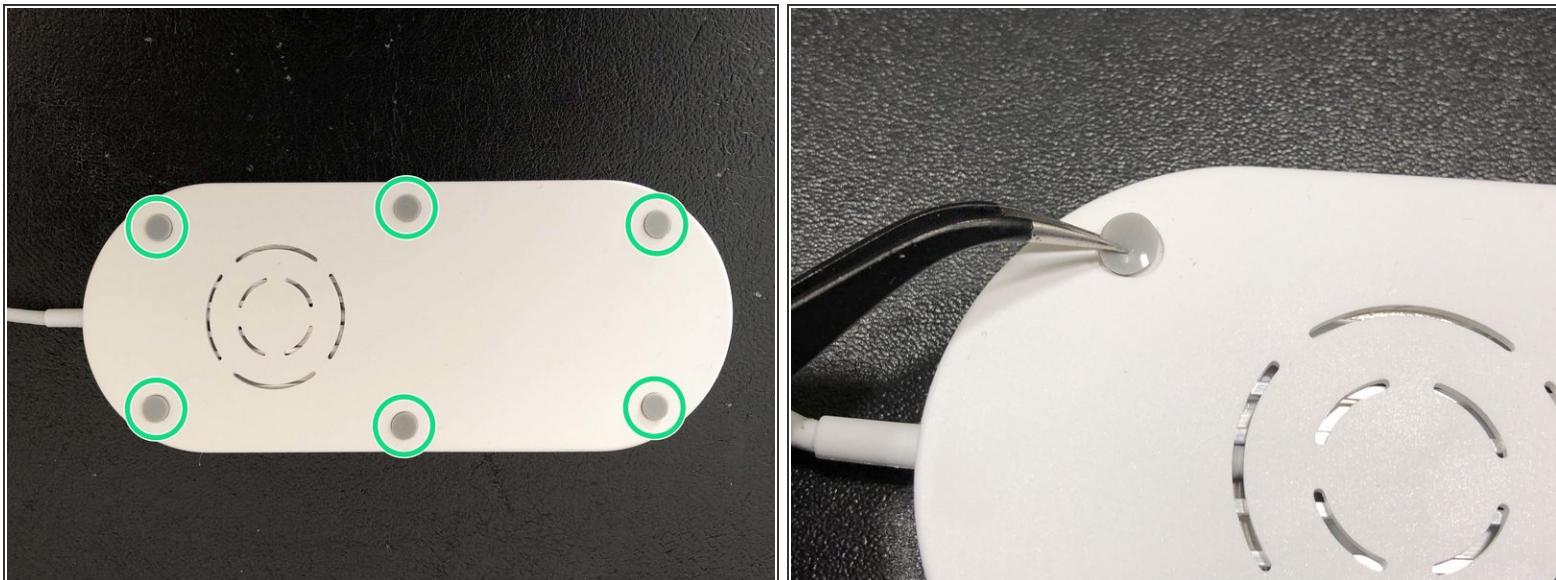
- [Phillips #0 Screwdriver](#) (1)
- [Tweezers](#) (1)
- [iSesamo Opening Tool](#) (1)

## Step 1 — Mini AirPower Wireless Charger Teardown.



- ⓘ The charger comes in a nice carton retail box. In the box there is the charger and a instruction manual.

## Step 2



- Remove carefully the six rubber feet from the housing with a tweezer.

## Step 3



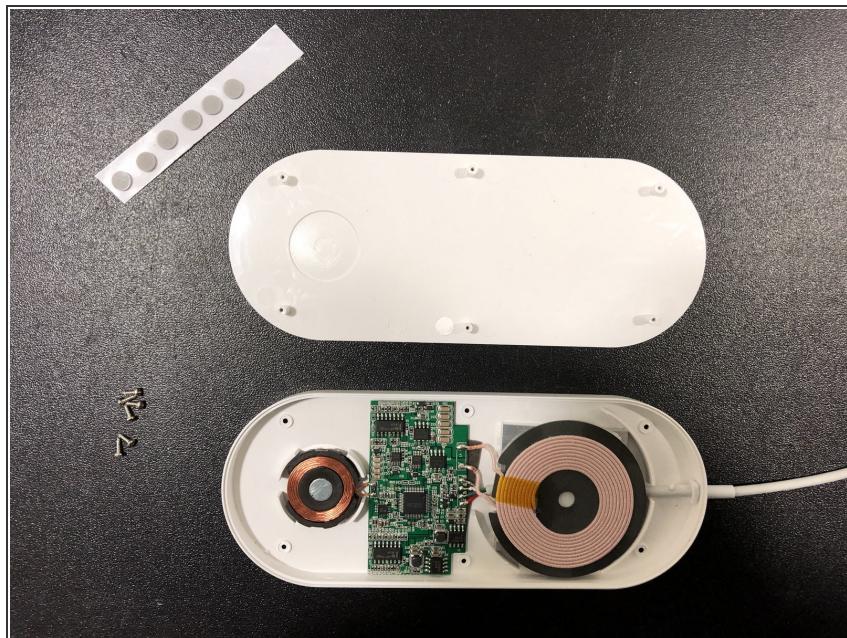
- Remove the six 5 mm philips head screws.

## Step 4



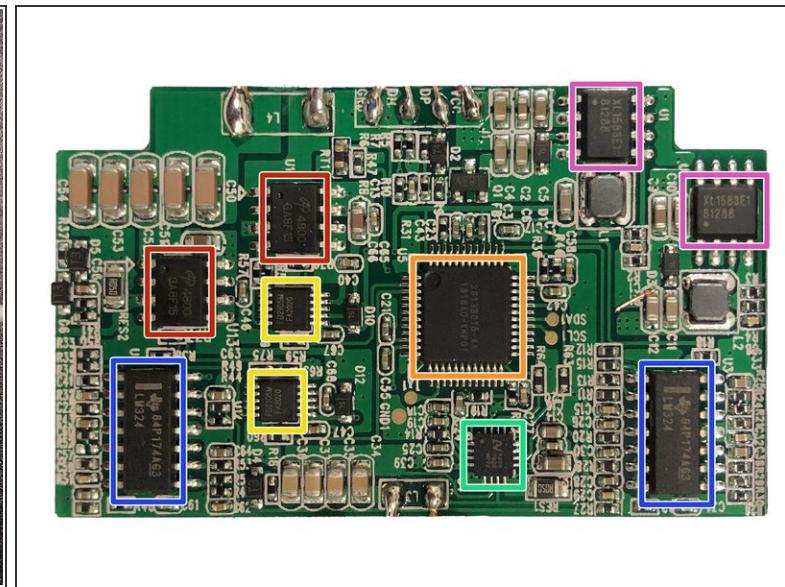
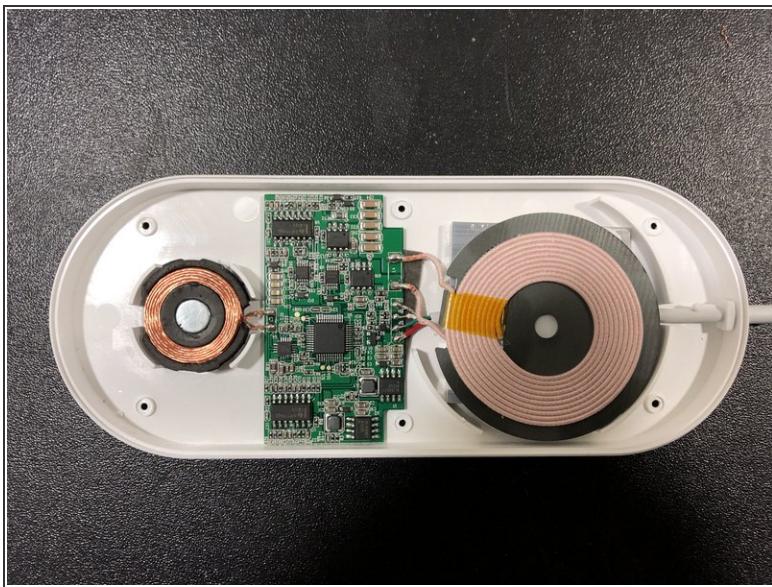
- Turn the charger with the front up and insert a iSesamo between the gap.

## Step 5



- Separate the top from the body

## Step 6



- 4800 GA8F15 - Dual N-Channel MOSFET [Datasheet](#)
- FD2105M FA2020 - Half Bridge Driver [Datasheet](#)
- 84P174A63 LM324 - Quadruple Operational Amplifiers [Datasheet](#)
- 1818AD-XNPOT - Unknown IC no data on internet found.
- XL1583E1 81288 - Buck DC to DC Converter [Datasheet](#)
- 1006 1820 N002 - Unknown IC no data on internet found.