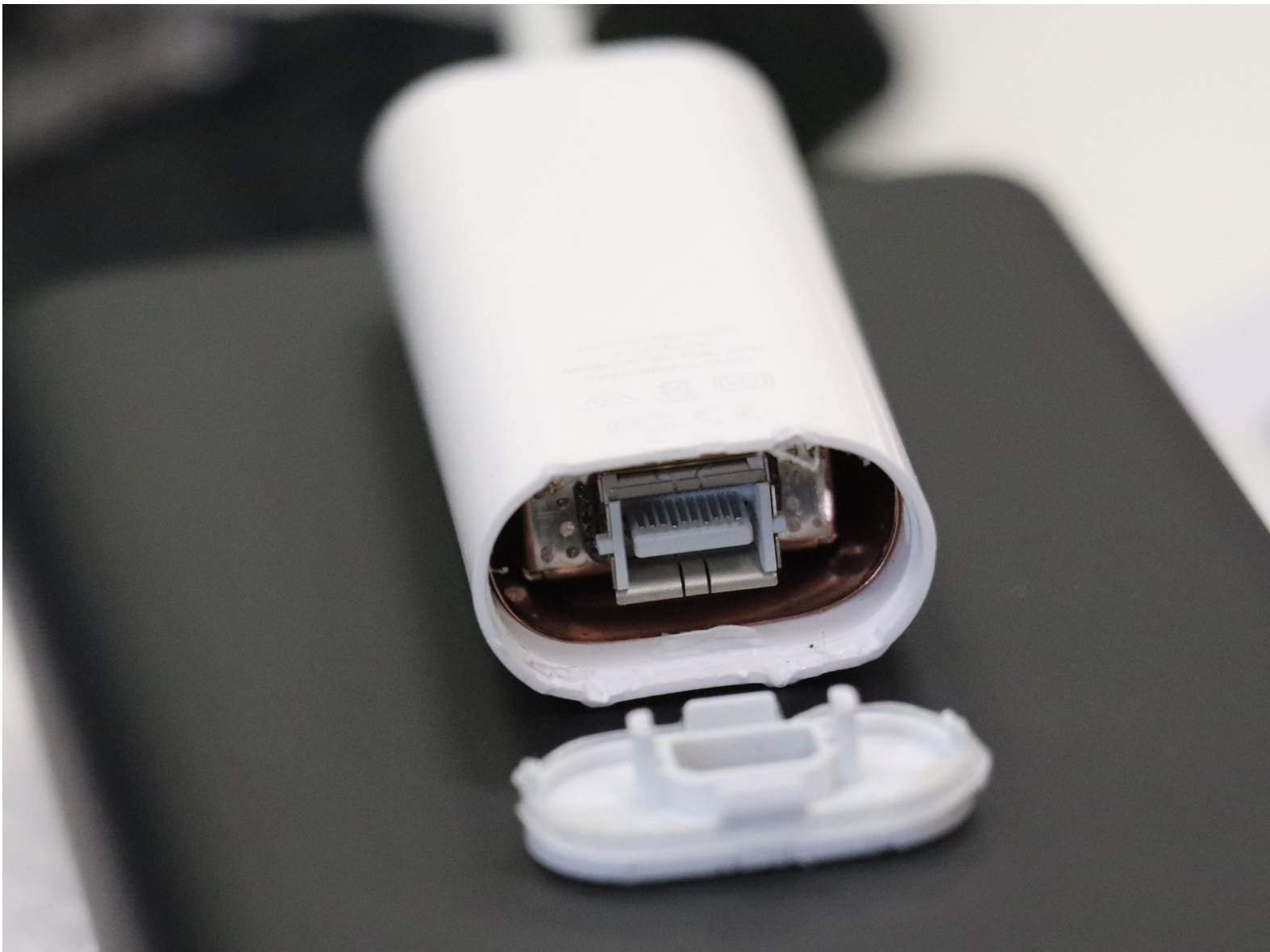


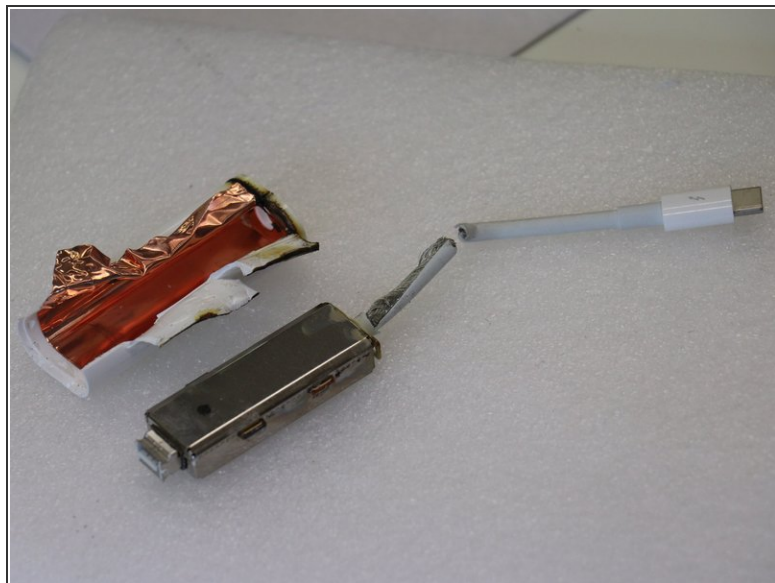
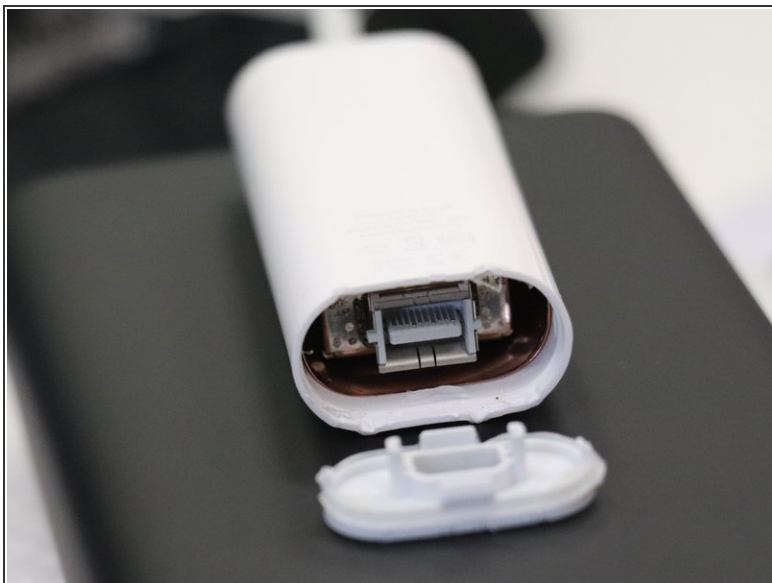


# Apple Thunderbolt 3 (USB-C) to Thunderbolt 2 Adapter Teardown

Written By: Yuxiang Zhang

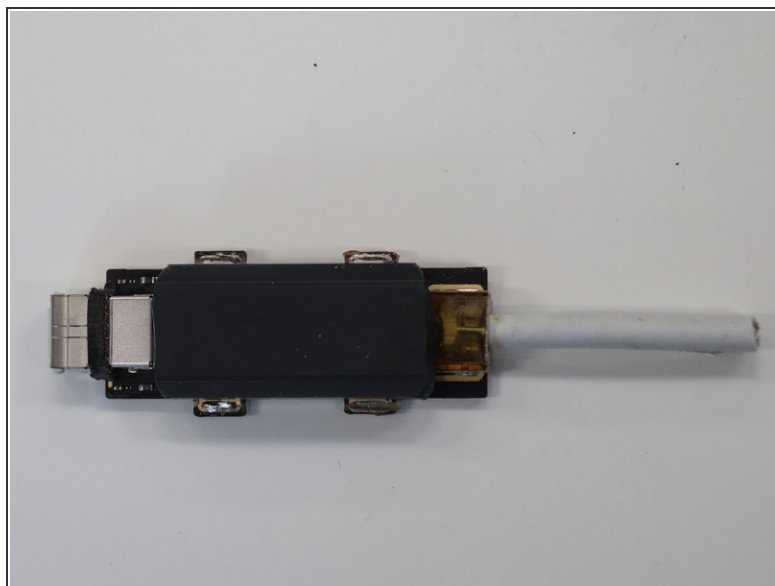
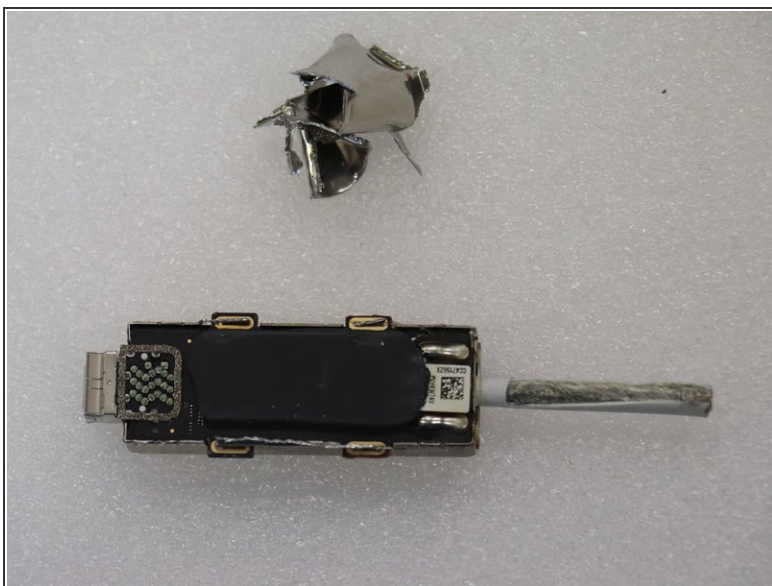


## Step 1 — The metal case inside plastic box



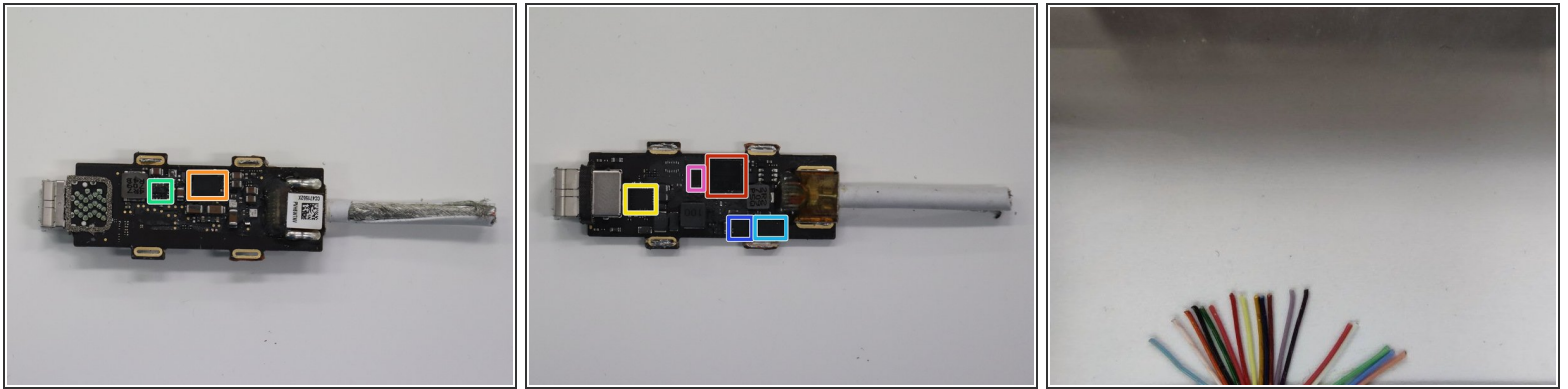
- Open the plastic case from mini-DP side.

## Step 2 — Inside the metal case



- Both sides of the PCB are covered by thermal adhesive.

### Step 3 — Detailed look at PCB



- MPQ2314: High Efficiency 2A, 24V, 500kHz Synchronous Step Down Converter
- LTC3115-1: 40V, 2A Synchronous Buck-Boost DC/DC Converter
- Texas Instruments CD3211 A1
- 8N705 DE44AU (DFN-8)
- Texas Instruments CD3215B03
- Fairchild FDMC 0223S
- MP3428: 17A, 600kHz, 20V Wide Input Range, Synchronous Boost Converter

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