

# The Reverse Engineering of AirPods

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## List of Parts Found:

- Speaker
- Battery
- Motherboard
- Magnet
- Conduction plate to charge battery

## Summary:

I chose the airpod because I find the technology fascinating and I was curious to see what my old airpods looked like on the inside. To start the deconstruction I removed the covering on the back of the airpod to reveal the internal components. Inside I found two main electronic parts; the battery and the motherboard. The battery was hooked to the bottom of the motherboard and the conduction plate was attached to the same area. The conduction plate contacts three metal prongs on the inside of the charging case to charge the airpod battery. While in the case. On the inside of the inner ear portion of the airpod is the speaker used to deliver the sound. Hidden inside the inner ear is a magnet used to connect the airpod to its molded charging spot on the inside of the case. On the outer ear part of the inner ear part of the airpod is a rubber covering added for wearer comfort