# Final Parts Used

## Microcontroller

**Raspberry Pi Zero 2W (non-soldered header version)**

- **Cost:** $19.05

- **Product ID:** 5291

- **Website:** adafruit.com

- **Link:** https://www.adafruit.com/product/5291

## Microphone

**Adafruit I2S MEMS Microphone Breakout – SPH0645LM4H**

- **Cost:** $6.95

- **Product ID:** 3421

- **Website:** adafruit.com

- **Link:** https://www.adafruit.com/product/3421

## Camera

**Zero Spy Camera for Raspberry Pi Zero – 160 Degree FOV**

- **Cost:** $24.95

- **Product ID:** 5390

- **Website:** adafruit.com

- **Link:** https://www.adafruit.com/product/5390

## Battery

**Lithium Ion Battery Pack – 3.7V 6600mAh**

- **Cost:** $24.50

- **Product ID:** 353

- **Website:** adafruit.com

- **Link:** https://www.adafruit.com/product/353

## Power Module

**PowerBoost 1000 Charger – Rechargeable 5V LiPo USB Boost @ 1A (1000C)**

- **Cost:** $19.95

- **Product ID:** 2465

- **Website:** adafruit.com

- **Link:** https://www.adafruit.com/product/2465

## Storage:

**Official Raspberry Pi A2-Class microSD Card - 64GB Blank**

- **Cost:** $12.79

- **Product ID:** 6011

- **Website:** adafruit.com

- **Link:** https://www.adafruit.com/product/6011

**A cloud storage such as AWS account**

# 3-D printed Wearables

# Glass frames

- Reference CAD Mode

# Battery Case

- Reference CAD Model

# Additional Materials Needed

- Micro SD Card Reader
- Type A to Micro-USB cable (short, around 3-6 inches)

- Type A to Micro-USB cable (2–3 feet, this is the cable that will be going from the glasses to the battery case, you could adjust the length as needed to fit each individual comfortably)

- Micro-USB charger to charge the device

- Clear Adhesive Squares

    Price: $0.95

    Website [adafruit.com](adafruit.com)

    Link: https://www.adafruit.com/product/4813

    Product ID: 4813

- Electronics friendly glue

- Wires

- Soldering iron and solder