**Section 7**

**Development Tracker**

Version 1.00

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**1 - Introduction**

This document is to track development of Section 7.

**2 – Parts List**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Part | Link | Quantity | Price | Total Price |
| Manual Hole Disk | | | | TBD |
| Casing | | | | TBD |
| Disk Reader | | | | $12.05 |
| Stepper Motor | [Link](https://www.jameco.com/z/35BY48L030-01-Jameco-Reliapro-Unipolar-Stepper-Motor-Step-7-Volt-DC-350-mA-7-5-Step-Angle-680-G-CM_2138812.html) | 1 | $7.49 | $7.49 |
| IR LEDs | [Link](https://www.jameco.com/z/LED-5mmIR-LED-IR-Emitter-Infrared-Clear-5mm-T-1-3-4-940nm-170mW_2275839.html) | 4 | $0.25 | $1.00 |
| Photodiodes | [Link](https://www.jameco.com/z/BPW34-OSRAM-Opto-Semiconductors-Photodiode-PIN-Full-Range-400-1100nm-2-65x2-65mm-Sense-Area_1621132.html) | 4 | $0.89 | $3.56 |
| Prototyping Parts | | | | $12.87 |
| Battery Holder | [Link](https://www.jameco.com/z/BH-9V-A-R-Jameco-Reliapro-9V-Battery-Holder-with-6-Inch-Wires_216427.html) | 2 | $0.89 | $1.78 |
| 9V Battery | [Link](https://www.jameco.com/z/ALK-9V-522-Energizer-Batteries-9V-Energizer-reg-Alkaline-Battery_198731.html) | 2 | $2.25 | $4.50 |
| ATmega328P-PU | [Link](https://www.jameco.com/z/ATMEGA328-PU-Atmel-Microchip--IC-ATMega328P-PU-8-bit-Microcontroller-32KB-Flash_2139111.html) | 1 | $2.59 | $2.59 |
| AVR Programmer | [Link](https://www.smart-prototyping.com/USBASP-AVR-Programmer.html) | 1 | $4.00 | $4.00 |
| PLA | NA | 0 grams | $0.02/gram | $0.00 |

**3 – Update Log**

|  |  |  |
| --- | --- | --- |
| Date | Name | Info |
| 10/20/2020 | First Purchases | Hector: Created this document and a parts list. Also bought parts (with extras) to begin prototyping the Disk Reader. Until they arrive, I will be working on prototyping the Manual Hole Disk. |
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