

| Item Name | Item Description | # Needed | # of packs | Cost per | Total Cost | Link |
|--------------------|---------------------------|----------|------------|----------------|------------|---|
| ESP32 | Adafruit ESP32 Feather V2 | 1 | 1 | \$19.95 | \$19.95 | https://www.adafruit.com/product/4020 |
| I2C Multiplexer | TCA9548A I2C Multiplexer | 1 | 1 | \$6.95 | \$6.95 | https://www.adafruit.com/product/1095 |
| Matrix Displays | HT16K33 8x8 White LED | 9 | 10 | \$12.15 | \$121.50 | https://www.adafruit.com/product/2471 |
| Keyboard Switches | Kailh Low Profile White | 9 | 1 | \$15.59 | \$15.59 | https://a.co/d/5V888 |
| Analog Multiplexer | CD74HC4067 16-Channel | 1 | 1 | \$5.69 | \$5.69 | https://a.co/d/g2888 |
| Potentiometer | 100k Potentiometer | 1 | 1 | \$0.95 | \$0.95 | https://www.adafruit.com/product/499 |
| Piezo Speaker | 13mm OD Enclosed Piezo | 1 | 1 | \$0.95 | \$0.95 | https://www.adafruit.com/product/1095 |
| Power Switch | Two State Power Switch | 1 | 1 | \$7.99 | \$7.99 | https://a.co/d/aff88 |
| Power LED | Single Color 5mm OD LED | 1 | 1 | \$6.99 | \$6.99 | https://a.co/d/gg888 |
| Battery | Maker Hawk 1000mah 3.7v | 1 | 1 | \$7.99 | \$7.99 | https://a.co/d/2C888 |
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| | | | | Overall Total: | \$194.55 | |