

| Name | Quantity | Unit Price | Total Price | Part Number | Distributor |
|--------------------------------|----------|------------|-------------|--------------------|-------------|
| #4 size screw | 4 | 0.2 | 0.8 | SRS-1-640 | Mouser |
| 0.01 uF Cap | 5 | 0.21 | 1.05 | FK18COG1H103J | Mouser |
| 0.1 uF Capacitor | 5 | 0.32 | 1.6 | EEA-GA1HR10B | Mouser |
| 0.33 uF Capacitor | 1 | \$0.17 | \$0.17 | 647-UVK2AR33MDD | Mouser |
| 1 M Resistor | 1 | 0.16 | 0.16 | CBT25J1M0 | Mouser |
| 1 uF Capacitor | 4 | 0.22 | 0.88 | EEA-GA1H1R0 | Mouser |
| 10 uF Cap | 2 | 0.3 | 0.6 | FK24X5R1C106K | Mouser |
| 100 ohm Resistor | 3 | 0.32 | 0.96 | CF1/2C101J | Mouser |
| 10k Resistor | 3 | 0.32 | 0.96 | CF1/2CT52R103J | Mouser |
| 10k Trimmer | 4 | 1.51 | 6.04 | 3362P-1-103TLF | Mouser |
| 10-pin molex | 1 | 1.09 | 1.09 | 22-23-2101 | Mouser |
| 16 MHz Crystal | 1 | 0.46 | 0.46 | 9B-16.000MAAJ-B | Mouser |
| 18 pF Cap | 1 | 0.19 | 0.19 | FK18COG1H180J | Mouser |
| 1k ohm resistor | 1 | 0.32 | 0.32 | CF1/2CT52R102J | Mouser |
| 2.2uF Ceramic Cap | 1 | 0.26 | 0.26 | 810-FK14Y5V1H225Z | Mouser |
| 28 Pin Dip Socket | 1 | 0.39 | 0.39 | 4828-3004-CP | Mouser |
| 2-pin Molex Connector (Female) | 5 | 0.16 | 0.8 | 571-3-640440-2 | Mouser |
| 2-pin Molex Connector (Male) | 5 | 0.08 | 0.4 | 571-6404562 | Mouser |
| 3 V CMOS Battery | 1 | 0.45 | 0.45 | CR2032 | Mouser |
| 32.768 KHz Oscillator | 1 | 0.3 | 0.3 | ECS-.327-12.5-13X | Mouser |
| 330uF Electrolytic Cap | 1 | 0.3 | 0.3 | 80-ESK337M050AH4AA | Mouser |
| 3-pin Molex Connector (Female) | 1 | 0.16 | 0.16 | 571-3-640440-3 | Mouser |
| 3-pin Molex Connector (Male) | 1 | 0.16 | 0.16 | 571-6404563 | Mouser |
| 8-32 size screw | 6 | 0.6 | 3.6 | R8-32X5/8 | Mouser |
| Adjustable Voltage Regulator | 4 | 0.53 | 2.12 | LM317KCSE3 | Mouser |
| CMOS Battery Connector | 1 | 1.72 | 1.72 | S8421-45R | Mouser |
| DC/DC Converter | 1 | 22.96 | 22.96 | 595-PTN78020WAH | Mouser |
| Diode Main Controller | 4 | 0.08 | 0.32 | 1N4001 | Mouser |
| Linear Regulator | 1 | 0.67 | 0.67 | 863-MC7805CDTRKG | Mouser |
| Micro-Controller | 1 | 2.24 | 2.24 | ATMEGA328P-PU | Mouser |
| PCB Stand-Offs | 6 | 0.48 | 2.88 | 1590-2 | Mouser |
| Power MOSFET | 4 | 0.85 | 3.4 | STP16NF06 | Mouser |
| RGB LED | 1 | 1.89 | 1.89 | WP154A4SUREPBGVGAW | Mouser |
| RSET Resistor (5.984kOhms) | 1 | 1.23 | 1.23 | 71-PTF565K9840BYEK | Mouser |
| RTC | 1 | 4 | 4 | DS1307+ | Mouser |
| Thermal Paste | 1 | 6.75 | 6.75 | Artic Silver 5 | Amazon |
| TO-220 Heatsink (for Driver) | 4 | 1.56 | 6.24 | FA-T220-25E | Mouser |