

| Designator | Comment | Description | Manufacturer 1 | Manufacturer Life | Manufacturer Part | Quantity | Supplier Currency | Supplier | Supplier Unit Price |
|--------------------------------|-----------------|--------------------|--------------------|-------------------|-------------------|----------|-------------------|----------|---------------------|
| C1, C2, C4 | 1u | CERAMIC CAPACIT | Yageo, Kyocera AV | Volume Production | CC0805ZRY5V8BB | 3 | USD | 3 | 0.16 |
| C3 | 10n | Cap Ceramic 0.01u | Yageo | Volume Production | CC0402KRX7R6BB | 1 | USD | 1 | 0.1 |
| C5_LC1, C5_LC2, C6_LC1, C6_LC2 | 47n | Cap Ceramic 0.047 | Yageo | Volume Production | CC0805JRX7R9BB4 | 8 | USD | 8 | 0.21 |
| D1_LC1, D1_LC2, D2_LC1, D2_LC2 | VLMB1500-GS08 | Standard LEDs - SN | Vishay | Not Recommended | VLMB1500-GS08 | 50 | USD | 50 | 0.399 |
| J1 | JTAG CPLD | | | | | 1 | | | |
| J2, J4 | HDR_6_PINS | | | | | 2 | | | |
| J3 | UNO_SHEILD | | Arduino | Volume Production | A000073 | 1 | USD | 1 | 20.9 |
| R1 | 5K6 | RES SMD 5.6K OHM | Yageo | Volume Production | RC0402JR-075K6L | 1 | USD | 1 | 0.1 |
| R2 | 33K | YAGEO - RC0402JR | Yageo | Volume Production | RC0402JR-0733KL | 1 | USD | 1 | 0.1 |
| R3_LS1, R3_LS2, R3_LS3, R3_LS4 | 10k | RES SMD 10K OHM | Yageo | Volume Production | RC0402FR-0710KP | 8 | USD | 8 | 0.1 |
| R5_LC1, R5_LC2, R6_LC1, R6_LC2 | 91 | Res Thick Film 040 | Yageo | Volume Production | RC0402JR-0791RL | 50 | USD | 50 | 0.013 |
| U1 | LP3990MFX-1.8/N | IC REG LINEAR 1.8V | TI National Semico | Volume Production | LP3990MFX-1.8/N | 1 | USD | 1 | 0.75 |
| U2 | NE555DR | TEXAS INSTRUMEN | Texas Instruments | Volume Production | NE555DR | 1 | USD | 1 | 0.36 |
| U3_LS1, U3_LS2, U3_LS3, U3_LS4 | BSS138W | MOSFET 50V N-CH | ON Semiconductor | Volume Production | BSS138W | 4 | USD | 4 | 0.37 |
| U4_LC1, U4_LC2 | XC2C64A-7VQG44 | XILINX - XC2C64A- | Xilinx | Volume Production | XC2C64A-7VQG44 | 2 | USD | 2 | 3.8 |
| X1 | Headers 35 | Conn Header Vert | Preci-Dip | Volume Production | 890-70-035-10-00 | 1 | USD | | |