

| Bill Of Materails                             |          |               |                       |          |                       |                         |                                |                           |
|---|----------|---------------|-----------------------|----------|-----------------------|-------------------------|--------------------------------|---------------------------|
| Part Name/description                         | Unit Qty | Per Unit Cost | Manufacturer          | Supplier | Part Number           | Website Link            | Datasheet Link                 | Reference                 |
| 0.33 µF ±10% 50V Ceramic Capacitor X7R Radial | 1        | \$7.99        | Taodan                | PRLTA    | N/A                   | <a href="#">website</a> | N/A                            | C1                        |
| 0.1 µF ±10% 50V Ceramic Capacitor X7R Radial  | 2        | \$7.99        | Taodan                | PRLTA    | N/A                   | <a href="#">website</a> | N/A                            | C2,C3                     |
| LCD MOD 32DIG 16X2 TRANSMISV WHT              | 1        | \$7.45        | Newhaven Display Intl | Digikey  | NHD-0216K1Z-NSW-BBW-L | <a href="#">website</a> | <a href="#">datasheet link</a> | NHD_LCD_KJ1               |
| ENCODER INCREM QUAD VERT PC PIN               | 1        | \$2.20        | Bourns Inc.           | Digikey  | PEC11R-4220K-S0024    | <a href="#">website</a> | <a href="#">datasheet link</a> | PEC11R_Rotary_Encoder_KJ1 |
| Fuse 5x20, 3A                                 | 1        | \$0.50        | Littelfuse Inc.       | PRLTA    | 0235003.MXP           | <a href="#">website</a> | <a href="#">datasheet link</a> | F2                        |
| Fuse 5x20, 800mA                              | 1        | \$0.38        | SCHURTER Inc.         | PRLTA    | 34.1515               | <a href="#">website</a> | <a href="#">datasheet link</a> | F1                        |
| Cartridge Fuse Holder, 5x20mm                 | 1        | \$0.72        | Keystone Electronics  | PRLTA    | 4628                  | <a href="#">website</a> | <a href="#">datasheet link</a> | N/A                       |
| Microchip PIC18F57Q43 Curiosity Nano Dev Kit  | 1        | \$9.99        | Microchip Technology  | PRLTA    | DM164150              | <a href="#">website</a> | <a href="#">datasheet link</a> | CuriosotyNanoBoardKJ1     |
| CONN PWR JACK 2X5.5MM SOLDER                  | 1        | \$0.76        | Same Sky              | PRLTA    | PJ-102AH              | <a href="#">website</a> | <a href="#">datasheet link</a> | J1                        |
| 40 Pin (40 X 1) Header Connector              | 1        | \$8.99        | Lystaii               | PRLTA    | N/A                   | <a href="#">website</a> | N/A                            | J5,J6                     |
| 40 Pin (40 X 1) Header Connector              | 1        | \$8.99        | Lystaii               | PRLTA    | N/A                   | <a href="#">website</a> | N/A                            | J7,J8,J9,J10,J11,J12      |
| Resistor kit                                  | 2        | \$4.99        | LuminologyPro         | PRLTA    | LP-Resistor-01        | <a href="#">website</a> | N/A                            | R1,RV1                    |
| Resistor kit                                  | 2        | \$4.99        | LuminologyPro         | PRLTA    | LP-Resistor-01        | <a href="#">website</a> | N/A                            | R3,R4                     |
| Resistor kit                                  | 1        | \$4.99        | LuminologyPro         | PRLTA    | LP-Resistor-01        | <a href="#">website</a> | N/A                            | R5                        |
| Electronics Starter Kit                       | 1        | \$12.99       | WWZMDiB               | PRLTA    | N/A                   | <a href="#">website</a> | N/A                            | SW2                       |
| LM7805  | 1        | \$0.50        | STMicroelectronics    | PRLTA    | L7805CV               | <a href="#">website</a> | <a href="#">datasheet link</a> | U1                        |