

| ID | Name | Designator | Footprint | Quantity | Manufacturer Part | Manufacturer | Supplier | Supplier Part |
|----|------------------------------|------------|----------------------------------|----------|------------------------------|-------------------|----------|---------------|
| 1 | AT24C08D-SSHM-T | U3 | SOIC-8_L4.9-W3.9-P1.27-LS6.0-BL | 1 | AT24C08D-SSHM-T | MICROCHIP | LCSC | C116669 |
| 2 | 4.7k | R7,R6 | 805 | 2 | RS-05K000FT | FH | LCSC | C132364 |
| 3 | 10k | R4,R5 | 805 | 2 | RS-05K000FT | FH | LCSC | C132364 |
| 4 | 220 | R3,R2,R1 | 805 | 3 | RS-05K000FT | FH | LCSC | C132364 |
| 5 | 22pF | C4,C3 | 805 | 2 | 0805N101J101 | WTC | LCSC | C77481 |
| 6 | 10uF | C2,C1 | 805 | 2 | 0805N101J101 | WTC | LCSC | C77481 |
| 7 | 0.1uF | C5 | 805 | 1 | 0805N101J101 | WTC | LCSC | C77481 |
| 8 | 47uF | C6 | 805 | 1 | 0805N101J101 | WTC | LCSC | C77481 |
| 9 | ATMEGA328PB-AU | U2 | TQFP-32_L7.0-W7.0-P0.80-LS9.0-TL | 1 | ATMEGA328PB-AU | MICROCHIP | LCSC | C132230 |
| 10 | Button | CON4 | TACTILE-2PIN COPY | 1 | KSA0M431LFT | C & K | RS | 793-1620 |
| 11 | 2x5 Header | CON1 | 2.54mm Pitch 10 Way 2 Row | 1 | 2.54mm Pitch 10 Way 2 Row | TE Connectivity | RS | 495-8644 |
| 12 | TPS61097A-33 | U1 | SOT-23-5 | 1 | 595-TPS61097A-33DBVT | Texas Instruments | Farnell | 3122950 |
| 13 | OLED 0.96 128X64 I2C | U4 | OLED 0.96 I2C 128X64 | 1 | OLED-128O064D-BPP3N000 | Vishay | Digi-Key | 541-3484-ND |
| 14 | BS-7 (2032 Coin Cell Holder) | BT1 | BS-7 | 1 | BS-7 (2032 Coin Cell Holder) | MPD | Digi-Key | BS-7-ND |
| 15 | Buzzer | CON2 | Piezo Buzzer | 1 | 724-3162 | RS PRO | RS | 724-3162 |
| 16 | MPU6050 | U5 | HDR-TH_8P-P2.54-V | 1 | Female headerHDR1X8-2.54 | BOOMELE | LCSC | C27438 |
| 17 | red | LED2 | LED-0805 | 1 | whiteLEDSMD | KENTO | LCSC | C34499 |
| 18 | green | LED1 | LED-0805 | 1 | whiteLEDSMD | KENTO | LCSC | C34499 |
| 19 | 10uH | L1 | 805 | 1 | VHF201209HR10J | FH | LCSC | C98999 |
| 20 | 16MHz | X1 | HC-49US_L11.5-W4.5-P4.88 | 1 | XIHCELNANF-16MHZ | TAITIEN Elec | LCSC | C295075 |
| 21 | Slide_Switch_3_Pin_JUST | CON3 | SLIDE_SWITCH_3PIN_2.54MM_JUSTIN | 1 | 92424 | RP | RP | 92424 |