

| Description | Designator | Type | Value | Quantity |
|--------------------|--|---------------|--------------|----------|
| Resistor | R1, R2 | 0603 | 1K | 2 |
| | R14, R15, R16, R18, R19, R20 | 0603 | 680R | 6 |
| | R22, R23, R24, R25, R26, R27 | 0603 | 4.7K | 6 |
| | R28, R29, R30, R31 | 0603 | 0R | 4 |
| | R3, R4, R11, R12, R13, R17, R21 | 0603 | 10K | 7 |
| | R5, R6, R7, R8 | 0603 | 100R | 4 |
| | R9, R10 | 0603 | 22R | 2 |
| Capacitor | C1, C2 | 0603 | 2.2uF | 2 |
| | C14, C15 | 0603 | 10pF | 2 |
| | C16 | 0603 | 10uF | 1 |
| | C17 | 0402 | 0.1uF | 1 |
| | C18 | 0402 | N.C. | 1 |
| | C19 | 0402 | 100pF | 1 |
| | C20 | 0402 | 1uF | 1 |
| | C27 | 0603 | 4.7uF | 1 |
| | C3, C21 | 0603 | 10nF | 2 |
| | C4, C5, C6, C7, C8, C9, C10, C11, C12, C22, C23, C24, C25, C26 | 0603 | 0.1uF | 14 |
| Capacitor Tantalum | C13 | 0805 | 2.2uF | 1 |
| Inductor | L1 | 0603 | 10uH | 1 |
| | L2 | 0402 | 15nH | 1 |
| LED | D1 | 0603 | WHITE | 1 |
| | D2 | 0603 | YELLOW | 1 |
| | D3, D6 | 0603 | RED | 2 |
| | D4, D7 | 0603 | GREEN | 2 |
| | D5, D8 | 0603 | BLUE | 2 |
| IC | U1 | SOT23-5 | SP6205 | 1 |
| | U2 | LQFP48 P0.5 | STM32F072C | 1 |
| | U4 | QFN48 P0.5 | STM32F411CE | 1 |
| | U3 | TSSOP16 P0.65 | SN74CB3Q3257 | 1 |
| | U6 | QFN24 P0.4 | ICM20948 | 1 |
| | U7 | LGA10 P0.5 | LPS22HB | 1 |
| | U8 | QFN16 P0.5 | IST8308 | 1 |
| Crystal Oscillator | X1 | XTAL2520 | 16MHz | 1 |
| Switch | S1 | SPDT | SPDT 3P | 1 |
| Button | K1, K2 | | ButtonTACT | 2 |
| Battery | BAT | | | 1 |
| MX | CON1 | | MX1.25_2P | 1 |
| USB | CON2 | | MicroUSB | 1 |
| Header | P1 | HDR2x3_2.54 | 2.54 | 1 |
| | P2 | DIP 1x6 | 2.54 | 1 |
| | P3, P4 | DIP 1x10 | 2.54 | 2 |
| Module | M1 | | nRF52832 | 1 |