|  |  |  |  |
| --- | --- | --- | --- |
| **Reference** | **Value** | **Footprint** |  |
| BT1 | Battery | mylib:pin\_con\_2mm | □ |
| C01 | 47u | Capacitors\_SMD:C\_0603\_HandSoldering | □ |
| C02 | 47u | Capacitors\_SMD:C\_0603\_HandSoldering | □ |
| C03 | 10u | Capacitors\_SMD:C\_0603\_HandSoldering | □ |
| C04 | 10u | Capacitors\_SMD:C\_0603\_HandSoldering | □ |
| C05 | 0.1u | Capacitors\_SMD:C\_0603\_HandSoldering | □ |
| C06 | 0.1u | Capacitors\_SMD:C\_0603\_HandSoldering | □ |
| C07 | 0.1u | Capacitors\_SMD:C\_0603\_HandSoldering | □ |
| C08 | 0.1u | Capacitors\_SMD:C\_0603\_HandSoldering | □ |
| C09 | 0.1u | Capacitors\_SMD:C\_0603\_HandSoldering | □ |
| C10 | 0.1u | Capacitors\_SMD:C\_0603\_HandSoldering | □ |
| C11 | 0.1u | Capacitors\_SMD:C\_0603\_HandSoldering | □ |
| C12 | 8p | Capacitors\_SMD:C\_0603\_HandSoldering | □ |
| C13 | 8p | Capacitors\_SMD:C\_0603\_HandSoldering | □ |
| C14 | 0.1u | Capacitors\_SMD:C\_0603\_HandSoldering | □ |
| C15 | 0.1u | Capacitors\_SMD:C\_0603\_HandSoldering | □ |
| C16 | 470p | Capacitors\_SMD:C\_0603\_HandSoldering | □ |
| C17 | 470p | Capacitors\_SMD:C\_0603\_HandSoldering | □ |
| C18 | 2.2u | mylib:c\_elec\_4x3.0 | □ |
| C19 | 2.2u | mylib:c\_elec\_4x3.0 | □ |
| C20 | 4.7u | Capacitors\_SMD:C\_0603\_HandSoldering | □ |
| C21 | 2.2n | Capacitors\_SMD:C\_0603\_HandSoldering | □ |
| C22 | 0.1u | Capacitors\_SMD:C\_0603\_HandSoldering | □ |
| C23 | 0.1u | Capacitors\_SMD:C\_0603\_HandSoldering | □ |
| C24 | 4.7u | Capacitors\_SMD:C\_0603\_HandSoldering | □ |
| C25 | 47u | Capacitors\_SMD:C\_0603\_HandSoldering | □ |
| C26 | 0.1u | Capacitors\_SMD:C\_0603\_HandSoldering | □ |
| C27 | 0.1u | Capacitors\_SMD:C\_0603\_HandSoldering | □ |
| D01 | LED | LEDs:LED\_0603 | □ |
| D02 | LED | LEDs:LED\_0603 | □ |
| D03 | LED | LEDs:LED\_0603 | □ |
| D04 | LED | LEDs:LED\_0603 | □ |
| D05 | LED | LEDs:LED\_0603 | □ |
| D06 | LED | LEDs:LED\_0603 | □ |
| D07 | SFH4550 | LEDs:LED-3MM | □ |
| D08 | SFH4550 | LEDs:LED-3MM | □ |
| D09 | SFH4550 | LEDs:LED-3MM | □ |
| D10 | SFH4550 | LEDs:LED-3MM | □ |
| D11 | LED | LEDs:LED\_0603 | □ |
| D12 | Schottky | mylib:SOD-128 | □ |
| IC1 | TB6614FNG | Housings\_SSOP:SSOP-16\_4.4x5.2mm\_Pitch0.65mm | □ |
| IC2 | TB6614FNG | Housings\_SSOP:SSOP-16\_4.4x5.2mm\_Pitch0.65mm | □ |
| IC4 | MIC5129 | TO\_SOT\_Packages\_SMD:SOT-23-5 | □ |
| IC5 | MIC5129 | TO\_SOT\_Packages\_SMD:SOT-23-5 | □ |
| IC6 | MPU-6000 | Housings\_DFN\_QFN:QFN-24-1EP\_4x4mm\_Pitch0.5mm | □ |
| M1 | DC\_MOTOR | Pin\_Headers:Pin\_Header\_Straight\_1x02 | □ |
| P1 | CONN\_02X03 | Pin\_Headers:Pin\_Header\_Straight\_2x03 | □ |
| P2 | CONN\_02X03 | Pin\_Headers:Pin\_Header\_Straight\_2x03 | □ |
| Q1 | NMSD200B01 | mylib:SOT-363 | □ |
| Q2 | SSM3J328RLFCT | TO\_SOT\_Packages\_SMD:SOT-23 | □ |
| Q3 | ST-1KL3A | Pin\_Headers:Pin\_Header\_Straight\_1x02 | □ |
| Q4 | ST-1KL3A | Pin\_Headers:Pin\_Header\_Straight\_1x02 | □ |
| Q5 | RUM003N02 | mylib:SOT-723 | □ |
| Q6 | ST-1KL3A | Pin\_Headers:Pin\_Header\_Straight\_1x02 | □ |
| Q7 | ST-1KL3A | Pin\_Headers:Pin\_Header\_Straight\_1x02 | □ |
| Q8 | RUM003N02 | mylib:SOT-723 | □ |
| Q9 | SSM3K329R | TO\_SOT\_Packages\_SMD:SOT-23 | □ |
| R01 | 100 | mylib:R\_0402\_HandSoldering | □ |
| R02 | 100 | mylib:R\_0402\_HandSoldering | □ |
| R03 | 100 | mylib:R\_0402\_HandSoldering | □ |
| R04 | 100 | mylib:R\_0402\_HandSoldering | □ |
| R05 | 100 | mylib:R\_0402\_HandSoldering | □ |
| R06 | 100 | mylib:R\_0402\_HandSoldering | □ |
| R07 | 10k | mylib:R\_0402\_HandSoldering | □ |
| R08 | 10k | mylib:R\_0402\_HandSoldering | □ |
| R09 | 10k | mylib:R\_0402\_HandSoldering | □ |
| R10 | 10k | mylib:R\_0402\_HandSoldering | □ |
| R11 | 10k | mylib:R\_0402\_HandSoldering | □ |
| R12 | R | mylib:R\_0402\_HandSoldering | □ |
| R13 | R | mylib:R\_0402\_HandSoldering | □ |
| R14 | 10k | mylib:R\_0402\_HandSoldering | □ |
| R15 | 10k | mylib:R\_0402\_HandSoldering | □ |
| R16 | 1k | mylib:R\_0402\_HandSoldering | □ |
| R17 | 10k | mylib:R\_0402\_HandSoldering | □ |
| R18 | 1k | mylib:R\_0402\_HandSoldering | □ |
| R19 | 20 | mylib:R\_0402\_HandSoldering | □ |
| R20 | 1k | mylib:R\_0402\_HandSoldering | □ |
| R21 | 1k | mylib:R\_0402\_HandSoldering | □ |
| R22 | 10k | mylib:R\_0402\_HandSoldering | □ |
| R23 | 20 | mylib:R\_0402\_HandSoldering | □ |
| R24 | 0 | mylib:check\_2pin\_1.6mm | □ |
| R25 | 0 | mylib:check\_2pin\_1.6mm | □ |
| R26 | 47k | mylib:R\_0402\_HandSoldering | □ |
| R27 | 100 | mylib:R\_0402\_HandSoldering | □ |
| R28 | 47k | mylib:R\_0402\_HandSoldering | □ |
| R29 | 10 | mylib:R\_0402\_HandSoldering | □ |
| R30 | 10k | mylib:R\_0402\_HandSoldering | □ |
| R31 | 1k | mylib:R\_0402\_HandSoldering | □ |
| SP1 | UGCT7525NA4 | mylib:UGCT7525AN4 | □ |
| SW2 | PUSH\_SW\_s | mylib:PTS810 | □ |
| SW3 | SPST | Pin\_Headers:Pin\_Header\_Straight\_1x02\_Pitch2.00mm | □ |
| SW4 | PUSH\_SW\_s | mylib:PTS810 | □ |
| U1 | RX631 | Housings\_QFP:LQFP-64\_10x10mm\_Pitch0.5mm | □ |
| U2 | Z144SN005 | Pin\_Headers:Pin\_Header\_Straight\_2x07\_Pitch2.00mm | □ |