



| Comment | Description | Designator | Footprint | LibRef | Quantity |
|--|---|------------|--------------------------|-------------------------|----------|
| 18pF | SMD Cap 0603 | C1, C2 | 0603W | Capacitor | 2 |
| 100uF Tant | SMD Cap 1206 | C3 | 0603W | Capacitor | 1 |
| 10uF | SMD Cap 1206 | C4 | 0603W | Capacitor | 1 |
| 0.1uF | SMD Cap 1206 | C5 | 0603W | Capacitor | 1 |
| LED | LED SMD 1206/0603 | D1, D2 | 0603 LED | LED | 2 |
| JST PH 2 | | J1 | JST PH 2 | JST PH 2 | 1 |
| 7 Pin | | J2 | JST SM07B-GHS-TB | 7 Pin | 1 |
| microB USB Receptacle | | J3 | MicroB USB Standarad SMT | microB USB Receptacle | 1 |
| 100k | | R1, R4 | 0603W | Resistor | 2 |
| 1K | | R2, R3 | 0603W | Resistor | 2 |
| AYZ0102AGRLC | Switch Slide ON ON SPDT Side Slide 0.1A 12VDC 1.2VA 10000Cycles Gull Wing SMD T/R | S1 | *SW_AYZ0102AGRLC | AYZ0102AGRLC | 1 |
| 6 pin smd 1.27mm female | | TC1 | TC2030-IDC-NL | 6 pin smd 1.27mm female | 1 |
| MIC5205_VOLTAGE_REG | 5V LDO SMD | U1 | SOT-23-5 | MIC5205_VOLTAGE_REG | 1 |
| B3 DCC ,C3 DEC4 for power saving , 10uH , 15nH | | U2 | BC832 | BC832-V1 | 1 |
| MCP73831 | IC CONTROLLR LI-ION 4.2V SOT23-5 | U3 | SOT-23-5 | MCP73831 | 1 |
| 32.768 Crystal | | X1 | 32.768 Crystal | 32.768 Crystal | 1 |