

| Comment | Description | Designator | Footprint | LibRef | Quantity |
|-----------------|-------------------------------------|---|-----------------|-----------------|----------|
| Capacitor | | C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12 | CAP-0805 | CAP-0805 | 12 |
| ZHCS2000 | Schottky barrier diode 40V/2A | D1 | SOT23-6 | ZHCS2000 | 1 |
| KM-23CGCK-F | LED Green 2.5V | D2 | SOT-23B | KM-23CGCK-F | 1 |
| B82462G4 | Epcos inductor 10uH/1.5A | L1, L2 | B82462G4 | B82462G4 | 2 |
| ZH-8P | | P1 | ZH-8P | ZH-8P | 1 |
| ZH-5P | | P2 | ZH-5P | ZH-5P | 1 |
| S4B-ZR-SM4A-TF | JST ZH-series 2P connector | P3 | ZH-2P-S | S4B-ZR-SM4A-TF | 1 |
| RES-0805 | | R1, R2, R3, R4, R5 | RES-0805 | RES-0805 | 5 |
| ATTINY84 | Atmel 8-bit Microcontroller | U1 | SOIC-14 | ATTINY84 | 1 |
| SP6641 | DC/DC Boost Regulator 0.5A | U2 | SOT23-5 | SP6641 | 1 |
| TPS62220 | Buck converter 0.7V- 6V/400mA | U3 | SOT23-5 | TPS62220 | 1 |
| NRF24L01 Module | | U4 | NRF24L01 Module | NRF24L01 Module | 1 |
| 74LCX244 | 3.3V Buffer | U5 | DQFN-20 | 74LCX244 | 1 |
| TXS0101DBVR | Logic-Level shifter dual- supply | U6 | SOT23-6 | TXS0101DBVR | 1 |
| DS26LS32CM | Quad Channel RS422 Re | U7 | SOIC-16 | DS26LS32CM | 1 |
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