表 1 元器件封装和数值校验

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **元件** | **位号** | **封装** | **数值** | **结果** |
| 510 | R14,R15,R13,R12, R9, R10,R11,R16, R1, R7 | RES-TH\_BD1.8-L3.2-P7.20-D0.4 | 10个, 510Ω |  |
| 50K | R6 | RES-TH\_BD1.8-L3.2-P7.20-D0.4 | 1个,50kΩ |  |
| 4.7K | R4 | RES-TH\_BD1.8-L3.2-P7.20-D0.4 | 1个,4.7kΩ |  |
| 100 | R5 | RES-TH\_BD1.8-L3.2-P7.20-D0.4 | 1个,100Ω |  |
| FJ3104BH | LEDS | LED-SEG-TH\_10P-L12.7-W7.6-P2.54-LS5.08-TL | 1个 | 正常 |
| JPD1030-N521-4F | S1 | DC-IN-TH\_JPD1030-N521-4F | 1个 | 正常 |
| SS-12D10L5 | K1 | SW-TH\_SS-12D10L5 | 1个 | 正常 |
| A72-065 | F1 | FUSE-TH\_L9.7-W3.1-P5.10-D0.6-S1.50 | 1个 | 正常 |
| 1N5817\_C169165 | D1 | DO-41\_BD2.4-L4.7-P8.70-D0.9-RD | 1个 |  |
| 10uF | C1 | CAP-TH\_BD5.0-P2.00-D0.6-FD | 1个 |  |
| HT7533-1\_C32617 | U1 | TO-92-3\_L4.9-W3.7-P1.27-L | 1个 |  |
| 100nF | C2, C3, C5, C17,C18,C19, C20,C21 | CAP-TH\_L5.5-W2.5-P5.00-D1.0 | 8个 |  |
| 54101-T06-00 | 3V3,T5,T1, T6,T2,T3,T4GND1,GND2 | HDR-TH\_1P-P2.54-V-M | 9个 |  |
| TJ-L3FYTGHTFCLFLC2R-A5 | D2 | LED-TH\_BD3.9-P2.54-FD | 1个 |  |
| WJ124-3.81-2P | J7, J8 | CONN-TH\_2P-P3.81\_KF124-3.81-2P | 2个 |  |
| B3F 1072D | B2 | SW-TH\_4P-L6.0-W6.0-P4.50-LS6.5 | 1个 |  |
| S9013 | Q1 | TO-92-3\_L4.9-W3.7-P1.27-L | 1个 |  |
| FOR\_CN7 | J2 | HDR-TH\_38P-P2.54-V-F-R2-C19-S2.54 | 1个 |  |
| FOR\_CN10 | J1 | HDR-TH\_38P-P2.54-V-F-R2-C19-S2.54 | 1个 |  |
| MAX3232CSE+ | U2 | SO-16\_L10.0-W4.0-P1.27-LS6.2-BL | 1个 |  |
| WJ124-3.81-3P | J6 | CONN-TH\_3P-P3.81\_WJ124-3.81-3P | 1个 |  |
| 元件校验结论： | | | | |

表 2 原理图校验

|  |  |  |  |
| --- | --- | --- | --- |
| 功能电路 | 元件是否齐全 | 连接是否正确 | 连接是否有缺项 |
| 电源电路 |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| RS232 接口 |  |  |  |
| 显示电路 |  |  |  |
| 热敏电阻接口 |  |  |  |
| 按钮电路 |  |  |  |
| 电机驱动接口 |  |  |  |
| 接口电路 |  |  |  |
| 原理图校验结论： | | | |