

| Comment       | Description   | Designator          | Footprint | LibRef        | Quantity |
|---------------|---|---------------------|-----------|---------------|----------|
| 104           | [NoValue], [NoValue],<br>[NoValue], [NoValue],<br>Capacitor                                   | C1, C3, C4, C7, C11 | 0603C     | САР           | 5        |
| 1UF           |   | C2                  | 0603C     | CAP           | 1        |
| 22PF          | SMD-CAP   | C5, C6, C8, C9      | 0603C     | CAP-0.1UF     | 4        |
| 105           | Capacitor   | C10, C12            | 0603C     | CAP           | 2        |
| 22nf          | Capacitor   | C13                 | 0603C     | CAP           | 1        |
| 电源            |   | D1                  | 0603D     | LED           | 1        |
| 测试            |   | D2                  | 0603D     | LED           | 1        |
| ZENER3        | Zener Diode   | D3                  | 0805D     | ZENER3        | 1        |
| воот          |   | JP1                 | HDR2X3    | HEADER 3X2    | 1        |
| SWD           | 4 Pin Header  | JP2                 | HDR1X4    | 4 HEADER      | 1        |
| HEADER 17     |   | JP3, JP4            |           | HEADER 17     | 2        |
| Res2          | Resistor  | R1, R4              | 0603B     | Res2          | 2        |
| 10M           |   | R2                  | 0603B     | RES1          | 1        |
| 10K           |   | R3                  | 0603B     | RES1          | 1        |
| 1K            | Resistor  | R5, R6              | 0603B     | Res1          | 2        |
| 1.5K          |   | R7                  | 0603B     | RES1          | 1        |
| SW-PB         |   | S1                  | 贴片按键      | SW-PB         | 1        |
| STM32F103C8T6 | STM32 ARM-based 32-bit<br>MCU with 64 Kbytes Flash,<br>48-pin LQFP, Industrial<br>Temperature | U1                  | LQFP48_N  | STM32F103C8T6 | 1        |
| microusb      |   | U2                  | MICRO-USB | microusb      | 1        |
| RT9193        |   | U3                  | SOT23-5   | RT9193        | 1        |
| 8M            | 晶振  | Y1                  | 49SMD     | XT            | 1        |
| 32.768K       | <b></b>   | Y2                  | 32.768K晶振 | XT            | 1        |