

| Comment    | Description            | Designator                           | Footprint  | LibRef        | Q... | Value     |
|------------|------------------------|--------------------------------------|------------|---------------|------|-----------|
| DJDR       | 电解电容                   | C1, C2, C3, C4, C5, C6               | C-DJ-6     | DJDR          | 6    | 100UF/50V |
| CPDR       | 瓷片电容                   | C7, C8, C9, C10, C11, C12, C15, C16  | 0805       | CPDR          | 8    | 30, 104   |
| ZL2JG      | 整流二极管                  | D1, D3                               | 7227       | ZL2JG         | 2    |           |
| WY2JG      | 稳压二极管                  | D2                                   | 7227       | WY2JG         | 1    |           |
| DG         | 电感                     | L1                                   | L_DG -fang | DG            | 1    | 100UH     |
| LED        | 发光二极管                  | LED1                                 | 0805 - LED | LED           | 1    |           |
|            | 发光二极管                  | LED2                                 | 0805 - LED | LED           | 1    |           |
| LM2576T5.0 | Simple Switcher 3A Ste | lm1                                  | LM2596_TP  | LM2576HVT-3.3 | 1    |           |
| PZ_3       | 排针—3                   | OUT1                                 | JK128_3    | PZ_3          | 1    |           |
| PZ_2       | 排针—2                   | PROWER1                              | JK128_2    | PZ_2          | 1    |           |
| NPN        | NPN Bipolar Transistor | Q1                                   | SO-G3      | NPN           | 1    |           |
| TPSJG_PNP  | 贴片三极管—PNP              | Q3, Q4, Q5, Q6, Q7, Q8               | SO-G3      | TPSJG_PNP     | 6    |           |
| Res        | 电阻                     | R1, R8, R9, R10, R13, R14, R15, R16, | 0805       | Res           | 19   | 1K, 10K   |
| Res2       | Resistor               | R2, R29                              | 0805       | Res2          | 2    | 10K       |
|            | 电阻                     | R22                                  | 0805       | Res           | 1    | 1K        |
|            | 8位排阻                   | R_P1, R_P2                           | HDR-9      | Res PZ_8      | 2    | 10K       |
| AJKG       | 按键开关                   | S1, S2, S3                           | an-6*6     | AJKG          | 3    |           |
| 三联数码管      | 四联数码管                  | SM1, SM2                             | SMG_1      | SLSUMG_1      | 2    |           |
| STC89S52   |                        | U3                                   | DIP-40     | 89c51         | 1    |           |
| XTAL       | Crystal Oscillator     | Y1                                   | JZ_ZC      | XTAL          | 1    |           |