



| Comment        | Description                                      | Designator  | Footprint       | LibRef         | Quantity |
|----------------|--|---|-----------------|----------------|----------|
| 1220           | 微型电池   | BAT   | CR1220_B        | CR-3V          | 1        |
| 104            |  | C1, C2, C5, C10,<br>C11, C12, C13,<br>C14, C15, C16,<br>C17, C18, C19,<br>C20, C21, C22,<br>C23, C29, C31,<br>C36, C43, C45,<br>C50, C52, C54,<br>C58, C59, C68,<br>C69, C100, C101 | C 0603_M        | С              | 31       |
| 10             |  | C3, C4  | C 0603_M        | С              | 2        |
| 22             |  | C6, C7  | C 0603_M        | С              | 2        |
| 225            |  | C8, C9  | C 0603_M        | С              | 2        |
| 10uF           |  | C24, C51, C53,<br>C55, C56, C57,<br>C97, C102   | C 0603_M        | С              | 8        |
| 221            |  | C26   | C 0603_M        | С              | 1        |
| 220uF          |  | C44, C66, C67, C70  | CT 6*6 - C      | CAP            | 4        |
| 1uF            |  | C60, C61, C62,<br>C63, C64, C65,<br>C98, C105   | C 0603_M        | С              | 8        |
| 1N4148         |  | D1  | DIODE_SOP       | D              | 1        |
| MBR0520        | 1N4148   | D3  | SOD-123         | D              | 1        |
| LED1           | Typical RED,<br>GREEN, YELLOW,<br>AMBER GaAs LED | DS1   | LED 0603R       | LED2           | 1        |
| FPC-8P-0.5     | FPC-8P-0.5mm                                     | J3  | FPC-8P          | FPC-8          | 1        |
| KEY_M          |  | KEY0, RESET   | TSW SMD-3*6*2.5 | KEY_M          | 2        |
| 4.7uH          |  | L7  | L_SOP4          | L              | 1        |
| MIC            |  | MIC   | MIC-6022        | MIC            | 1        |
| Header 4       | Header, 4-Pin                                    | P10   | HDR2.54-LI-4P   | Header 4       | 1        |
| PJ393          |  | PJ1   | PJ393           | PJ393          | 1        |
| BUTTON_DIP3    | 拨动开关SS-12F44                                     | POWER   | MSK-12C01-07    | BUTTON_DIP3    | 1        |
| 10K            |  | R1, R3, R5, R6,<br>R11, R45, R52  | R 0603_M        | R              | 7        |
| 10R            |  | R4, R32, R33, R44,<br>R47, R51  | R 0603_M        | R              | 6        |
| 0R             |  | R8, R43, R50, R53,<br>R56   | R 0603_M        | R              | 5        |
| 47K            |  | R15, R16, R17,<br>R18, R19, R55   | R 0603_M        | R              | 6        |
| 510            |  | R20   | R 0603_M        | R              | 1        |
| 100K           |  | R46   | R 0603_M        | R              | 1        |
| 680            |  | R54   | R 0603_M        | R              | 1        |
| SPK+           | 测试点  | SP+   | TP-1.5          | TEST-POINT     | 1        |
| SPK-           | 测试点  | SP-   | TP-1.5          | TEST-POINT     | 1        |
| TFT4.3'        | 4.3寸,电容/电阻触<br>摸,分辨率:480*800                     | TFT1  | TFT4.3'         | TFT4.3'        | 1        |
| SD-MICRO-TF    | SD,MICRO,TF                                      | TF_CARD   | SD-MICRO-TF     | SD-MICRO-TF    | 1        |
| STM32F407ZET6  | STM32F407ZET6                                    | U1  | LQFP144         | STM32F407ZET6  | 1        |
| IS62WV51216    |  | U2  | TSOP44          | IS61LV51216    | 1        |
| 24C02          | MAGENTA COTOS VIS                                | U3  | SOP-8           | 24C256         | 1        |
| W25Q128        | W25X16;SST25VF<br>016;MX25L1605                  | U4  | SOIC-8          | W25X16         | 1        |
| WM8978         | 24bit ADC&DAC                                    | U5  | qfn32           | WM8978         | 1        |
| AMS1117-3.3    |  | U12, U13  | AMS1117         | AMS1117        | 2        |
| MP3302DJ       | LCD背光IC  | U16   | SOT-23-5        | MP3302         | 1        |
| J-MICRO-USB-5S | Micro USB 5.9有柱<br>脚长1.25加长针                     | USB_HOST  | USB-AB-5S       | J-MICRO-USB-5S | 1        |
| 8MHz           | XTAL,3215,8MHz                                   | Y1  | Y-XTAL-3215-3P  | Y-3215-8M      | 1        |
| 32.768K        | Crystal Oscillator                               | Y2  | Y-XTAL-3215-2P  | XTAL           | 1        |