

| 参数                                    | 描述  | 位号  | 封装                            | 数量 | 每个价格  | 总价      | 报价参考     | 品牌           | 厂家型号                                   | 备注                                  |
|---------------------------------------|---|---|-------------------------------|----|-------|---------|----------|--------------|--|-------------------------------------|
| CONN_X4                               |   | P1  | 2.54mm_Male_x4 180H NO SLIKSC | 1  | 0     | 0       |          |              |  |                                     |
| AD8066                                | Amplifier                                   | U1  | ANALOG DEV SOIC-8 R8          | 1  | 10.8  | 10.8    | 优信电子     | ADI          |  |                                     |
| AD8606                                | Amplifier                                   | U3  | ANALOG DEV SOIC-8 R8          | 1  | 7.8   | 7.8     | 优信电子     | ADI          |  |                                     |
| AD8221ARMZ                            | Precision Instrumentation Amplifier         | U2  | ANALOG MSOP-8 RM-8            | 1  | 11.8  | 11.8    | 优信电子     | ADI          |  |                                     |
| LP5907MFX-3.0                         | 超低噪声线性稳压芯片                                  | U4, U6                                      | ANALOG TSOT-23-5 UJ-5         | 2  | 1.4   | 2.8     | 优信电子     | TI           |  |                                     |
| CONN_B2B_2X10                         |   | J5  | B2B-0.5mm-20P-F_MEDIUM        | 1  | 1     | 1       | 山谷道      | 山谷道板对板连接器    | 高精密镀金0.5MM间距双槽板对板8TB连接器2*10Pin母座_合高6mm |                                     |
| CONN_B2B_2X10                         |   | J6  | B2B-0.5mm-20P-M_MEDIUM        | 1  | 1     | 1       | 山谷道      | 山谷道板对板连接器    | 高精密镀金0.5MM间距双槽板对板8TB连接器2*10Pin公座_合高6mm |                                     |
| 1nF/C0G                               | Capacitor                                   | C20, C67                                    | C0402                         | 2  | 0.014 | 0.028   | LCSC     | 风华           |  |                                     |
| 1uF                                   | Capacitor                                   | C9, C10, C17, C18, C24, C26, C47, C57, C64  | C0402                         | 9  | 0.024 | 0.216   | LCSC     | 三星           | CL05A105KA5NQNC                        |                                     |
| 10nF/DNP                              | Capacitor                                   | C22   | C0402                         | 1  | 0.007 | 0.007   | LCSC     | 三星           | CL05B102KB5NNNC                        |                                     |
| 12pF                                  | Capacitor                                   | C55, C56                                    | C0402                         | 2  | 0.006 | 0.012   |          | 国巨           | CC0402JRNPO9BN120                      |                                     |
| 22pF/C0G                              | Capacitor                                   | C2  | C0402                         | 1  | 0.006 | 0.006   |          | 国巨           | CC0402JRNPO9BN220                      |                                     |
| 100nF                                 | Capacitor                                   | C12, C35, C36, C48, C52, C53,               | C0402                         | 12 | 0.035 | 0.42    | LCSC     | 三星           | CL05B104KB54PNC                        |                                     |
| 100pF/C0G                             | Capacitor                                   | C4  | C0402                         | 1  | 0.006 | 0.006   | LCSC     | 国巨           | CC0402JRNPO9BN101                      |                                     |
| DNP                                   | Capacitor                                   | C1, C6, C11, C29                            | C0402                         | 4  | 0     | 0       |          |              |  |                                     |
| DNP/47nF                              | Capacitor                                   | C68   | C0402                         | 1  | 0     | 0       |          |              |  |                                     |
| 1uF/X7R                               | Capacitor                                   | C49   | C0603                         | 1  | 0.018 | 0.018   | LCSC     | 国巨           | CC0603KRX7R9BB105                      |                                     |
| 2.2uF/DNP                             | Capacitor                                   | C27   | C0603                         | 1  | 0.04  | 0.04    | LCSC     | 三星           | CL10A225KO8NNNC                        |                                     |
| 4.7nF/C0G                             | Capacitor                                   | C3, C70                                     | C0603                         | 2  | 0.084 | 0.168   | LCSC     | 村田           | GRM1885C1H472JA01D                     |                                     |
| 4.7uF                                 | Capacitor                                   | C59   | C0603                         | 1  | 0.1   | 0.1     | LCSC     | 三星           | CL10A475KA8NQNC                        |                                     |
| 10uF                                  | Capacitor                                   | C32, C33, C34, C37, C38, C63                | C0603                         | 6  | 0.11  | 0.66    | LCSC     | 三星           | CL10A106MA8NRNC                        |                                     |
| 100nF                                 | Capacitor                                   | C31, C66                                    | C0603                         | 2  | 0.016 | 0.032   | LCSC     | 三星           | CL10B104KB8NNNC                        |                                     |
| 10uF                                  | Capacitor                                   | C41, C42, C43, C44, C45, C46, C50, C51, C65 | C0805                         | 9  | 0.169 | 1.521   | LCSC     | 三星           | CL21B106K0QNNNE                        |                                     |
| DNP/1uF                               | Capacitor                                   | C25   | C0805                         | 1  | 0     | 0       |          |              |  |                                     |
| 10uF                                  | Capacitor                                   | C30, C39, C40                               | C1206                         | 3  | 0.34  | 1.02    | LCSC     | 三星           | CL31B106KBHNNNE                        |                                     |
| 220nF/50V/C0G                         | Capacitor                                   | C5, C19, C21, C28                           | C1206                         | 4  | 1.4   | 5.6     | auwah旗舰店 | 村田           | GRM31C5C1H224JE02L                     |                                     |
| 220uF/35V                             | Capacitor                                   | C14   | CAP_AL_DIP_-90 D=6.3 L=12.1   | 1  | 2     | 2       | LCSC     | 永铭           | NPXC1101V221MJTM                       |                                     |
| 220uF/35V                             | Capacitor                                   | C13   | CAP_AL_DIP_+90 D=6.3 L=12.1   | 1  | 2     | 2       | LCSC     | 永铭           | NPXC1101V221MJTM                       |                                     |
| 22uF/10V                              | Capacitor                                   | C7, C8, C15, C16                            | CAP_POL_3216                  | 4  | 0.51  | 2.04    | 优信电子     | AVX          | TAJA226K010RNI                         |                                     |
| 22uF/10V, 47uF/6.3V                   | Capacitor                                   | C23   | CAP_POL_3216                  | 1  | 0.33  | 0.33    | 优信电子     | AVX          | TAJA476K006RNI                         |                                     |
| BAV199W                               | Dual Series Switching Diodes                | VD1, VD2, VD3                               | DIODES_SOT-323-3              | 3  | 0.26  | 0.78    | LCSC     | DIODES(美台)   | BAV199W-7                              |                                     |
| 8MHz                                  | 4脚无源石英晶振                                    | X1  | EPSON_TSX-3225                | 1  | 0.9   | 0.9     | LCSC     | YXC          | X32258MOB4SI                           |                                     |
| 1K@100MHz                             | 贴片磁珠  | L1, L2, L3, L4, L5, L6, L7, L12             | FER0603                       | 8  | 0.047 | 0.376   | LCSC     | 村田           | BLM18AG102SN1D                         |                                     |
| 1K@100MHz                             | 贴片磁珠  | L8, L11, L13                                | FER0805                       | 3  | 0.21  | 0.63    | LCSC     | 村田           | BLM21AG102SN1D                         |                                     |
| TP5000                                | 2A开关型4.2V锂电池/3.6V铁锂电池充电器                    | U5  | HVQFN-16 4X4MM 0.65           | 1  | 1.4   | 1.4     | 优信电子     | TOPPOWER     |  |                                     |
| 2.2uH                                 | 功率电感  | L10   | INDUCTOR_0420 4.6X4.1X2MM     | 1  | 0.28  | 0.28    | 优信电子     |              | 0420—体成型电感                             |                                     |
| 4.7uH                                 | 功率电感  | L9  | INDUCTOR_0420 4.6X4.1X2MM     | 1  | 0.28  | 0.28    | 优信电子     |              | 0420—体成型电感                             |                                     |
| 2N7002K                               | N-MOS                                       | Q1, Q3                                      | INFINEON_SOT-23-3             | 2  | 0.19  | 0.38    | 优信电子     | 威世           | 2N7002K-T1-GE3                         |                                     |
| BAT54C                                | 贴片肖特基二极管                                    | D5  | INFINEON_SOT-23-3             | 1  | 0.08  | 0.08    | 优信电子     | 安世           | BAT54C_215                             |                                     |
| SI2301                                | P-MOS                                       | Q2  | INFINEON_SOT-23-3             | 1  | 0.21  | 0.21    | 优信电子     | 威世           | SI2301CDS                              |                                     |
| LCD_Universal_128x160_14pin+CONN      |   | LCD2  | LCD-128X160-1.77INCH_IPS_PIUC | 1  | 0.885 | 0.885   | LCSC     | JS(钜硕电子)     | AFC42-S14FMA-1H                        | 立创有这个品牌的16-15券                      |
| LCD_Universal_128x160_14pin+SOLDER    |   | LCD1  | LCD-128X160-1.77INCH_IPS_SOL  | 1  | 8.5   | 8.5     | 耀元鸿科技    |              | 1.8寸IPS全视角插接款, 找客服改价要PS, 没上架IPS的型号     | 焊接款也可以, 省插接的屏幕座子, 看个人               |
| 黄绿色                                   | LED   | LED2  | LED0603_GREEN                 | 1  | 0.068 | 0.068   | LCSC     | 国星光电         | NCD0603C1                              |                                     |
| 红色                                    | LED   | LED1  | LED0603_RED                   | 1  | 0.059 | 0.059   | LCSC     | 国星光电         | NCD0603R1                              |                                     |
| 3.7V/503443/850mA                     | 锂电池   | BAT1  | Lipo_NONE                     | 1  | 5.5   | 5.5     | 林琳电子     |              | 503443电池 3.7V 850mA 带保护板               |                                     |
| CONN_MCX                              | MCX Connector Jack                          | J1, J2, J3, J4                              | MCX_WE_60611002111502         | 4  | 3.61  | 14.44   | LCSC     | 蝙蝠无线         | BWMCX-KWE                              | 立创有这个品牌的16-15券                      |
| USBLCG-2                              | Very low capacitance ESD protection         | U10   | MICROCHIP_SOT-23-6 M6         | 1  | 0.38  | 0.38    | 优信电子     | ST           | USBLCG-2SC6                            |                                     |
| CONN_X2 MOLEX 53780-0270 / 51146-0200 |   | P2  | MOLEX_53780-0270+MOLEX_5114   | 1  | 0.45  | 0.45    | LCSC     | Megastar(兆星) | ZX-MX1.25-2PCB                         | 立创有这个品牌的16-15券, 另需在淘宝买1.25mm超薄2P端子线 |
| UMH3N                                 | NPN型带阻双三极管                                  | Q4  | ON_SEMI_SOT-363               | 1  | 0.33  | 0.33    | LCSC     | CJ           |  |                                     |
| 0R                                    | IEC Standard                                | R6, R33, R41                                | R0402                         | 3  | 0.003 | 0.009   |          |              |  |                                     |
| 0R/51R                                | IEC Standard                                | R27   | R0402                         | 1  | 0.003 | 0.003   |          |              |  |                                     |
| 1K                                    | IEC Standard, Resistor                      | R36, R38, R56                               | R0402                         | 3  | 0.003 | 0.009   |          |              |  |                                     |
| 1M                                    | IEC Standard                                | R7, R31                                     | R0402                         | 2  | 0.003 | 0.006   |          |              |  |                                     |
| 1.5K                                  | IEC Standard                                | R66   | R0402                         | 1  | 0.003 | 0.003   |          |              |  |                                     |
| 3K                                    | IEC Standard                                | R2, R13                                     | R0402                         | 2  | 0.003 | 0.006   |          |              |  |                                     |
| 5.1K                                  | IEC Standard                                | R14, R64, R65                               | R0402                         | 3  | 0.003 | 0.009   |          |              |  |                                     |
| 6.2K                                  | IEC Standard                                | R1, R12, R43                                | R0402                         | 3  | 0.003 | 0.009   |          |              |  |                                     |
| 6.98K                                 | IEC Standard                                | R15   | R0402                         | 1  | 0.003 | 0.003   |          |              |  |                                     |
| 7.5K                                  | IEC Standard                                | R4, R5                                      | R0402                         | 2  | 0.003 | 0.006   |          |              |  |                                     |
| 10K                                   | IEC Standard, Resistor                      | R10, R40, R53, R55, R61                     | R0402                         | 5  | 0.003 | 0.015   |          |              |  |                                     |
| 20K                                   | IEC Standard                                | R39, R42, R44, R45, R58                     | R0402                         | 5  | 0.003 | 0.015   |          |              |  |                                     |
| 33R                                   | IEC Standard                                | R21, R57, R59, R60, R68                     | R0402                         | 5  | 0.003 | 0.015   |          |              |  |                                     |
| 48.7K                                 | IEC Standard                                | R51   | R0402                         | 1  | 0.003 | 0.003   |          |              |  |                                     |
| 51R                                   | IEC Standard                                | R3, R9                                      | R0402                         | 2  | 0.003 | 0.006   |          |              |  |                                     |
| 100K                                  | IEC Standard                                | R11, R28, R29                               | R0402                         | 3  | 0.003 | 0.009   |          |              |  |                                     |
| 130K                                  | IEC Standard                                | R54   | R0402                         | 1  | 0.003 | 0.003   |          |              |  |                                     |
| 200K/2K                               | IEC Standard                                | R26   | R0402                         | 1  | 0.003 | 0.003   |          |              |  |                                     |
| 205K                                  | IEC Standard                                | R48   | R0402                         | 1  | 0.003 | 0.003   |          |              |  |                                     |
| 300R                                  | IEC Standard                                | R19, R32, R49, R69                          | R0402                         | 4  | 0.003 | 0.012   |          |              |  |                                     |
| 402K                                  | IEC Standard                                | R52   | R0402                         | 1  | 0.003 | 0.003   |          |              |  |                                     |
| 470K                                  | IEC Standard                                | R50   | R0402                         | 1  | 0.003 | 0.003   |          |              |  |                                     |
| 649K                                  | IEC Standard                                | R47   | R0402                         | 1  | 0.003 | 0.003   |          |              |  |                                     |
| DNP                                   | IEC Standard                                | R8  | R0402                         | 1  | 0.003 | 0.003   |          |              |  |                                     |
| 0R/DNP                                | IEC Standard                                | R37   | R0603                         | 1  | 0.006 | 0.006   |          |              |  |                                     |
| 0R/NTC-10K                            | IEC Standard                                | R67   | R0603                         | 1  | 0.006 | 0.006   |          |              |  |                                     |
| 1M                                    | IEC Standard                                | R18, R23, R62                               | R0603                         | 3  | 0.006 | 0.018   |          |              |  |                                     |
| 3K                                    | IEC Standard                                | R16, R25                                    | R0603                         | 2  | 0.006 | 0.012   |          |              |  |                                     |
| 3.57K/0.1%, 3.6K/0.1%  300K/0.1%      | IEC Standard                                | R22   | R0603                         | 1  | 0.14  | 0.14    | LCSC     | 光颢           |  |                                     |
| 10K/1%/0.1%                           | IEC Standard                                | R34   | R0603                         | 1  | 0.14  | 0.14    | LCSC     | 光颢           |  |                                     |
| 10R                                   | IEC Standard                                | R63   | R0603                         | 1  | 0.006 | 0.006   |          |              |  |                                     |
| 13K                                   | IEC Standard                                | R30   | R0603                         | 1  | 0.14  | 0.14    | LCSC     | 光颢           |  |                                     |
| 300R                                  | IEC Standard                                | R17, R24                                    | R0603                         | 2  | 0.006 | 0.012   |          |              |  |                                     |
| DNP/1M                                | IEC Standard                                | R20   | R0603                         | 1  | 0     | 0       |          |              |  |                                     |
| 0.25R                                 | IEC Standard                                | R46   | R1206                         | 1  | 0.035 | 0.035   | LCSC     | EVER OHMS    | CR1206FR250P05R                        |                                     |
| 33R/1%/0.1%                           | IEC Standard                                | R35   | R1206                         | 1  | 0.28  | 0.28    | LCSC     | 国巨           | RT1206BRD0733RL                        |                                     |
| G6K (B)                               | Telecom Relay DPDT (2 Form C) Surface Mount | K1  | RELAY_G6K-2F-Y                | 1  | 5.95  | 5.95    | LCSC     | 欧姆龙          | G6K-2F-Y-TR DC5                        |                                     |
| DNP/SMAFJ26CA                         | 极性:Bidirectional                            | D4, D14, D15                                | SMAF_-BI                      | 3  | 0     | 0       |          |              |  |                                     |
| 1N4148W                               | 二极管   | D1, D2, D3, D7                              | SOD123F                       | 4  | 0.064 | 0.256   | LCSC     | CJ           |  |                                     |
| DSK24/40V/2A                          | 二极管   | D6, D12, D13, D16                           | SOD123F                       | 4  | 0.2   | 0.8     | 优信电子     | MDD          |  |                                     |
| BZX384-B3V3                           | 二极管   | D8, D9                                      | SOD-323                       | 2  | 0.33  | 0.66    | 优信电子     | 安世           |  |                                     |
| BZX384-B5V6                           | 二极管   | D10, D11                                    | SOD-323                       | 2  | 0.16  | 0.32    | 优信电子     | 安世           |  |                                     |
| STM32F303CBT6                         | 带DSP和FPU的主流混合信号ARM Cortex-M4 MCU            | U9  | ST_LQFP-48 7x7MM              | 1  | 8.5   | 8.5     | 优信电子     | ST           |  |                                     |
| Button-4P                             | Button                                      | SW1, SW2, SW3, SW4, SW5                     | TACTILE_SWITCH_SMD_4X4MM      | 5  | 0.05  | 0.25    | 优信电子     |              | 薄膜按键开关 4*4*0.8                         |                                     |
| TPS63000                              | Buck-Boost Converter                        | U7  | TI_PVSON-10 3x3MM DRC         | 1  | 2.6   | 2.6     | 优信电子     | TI           | TPS63000DRCR                           |                                     |
| Type-C                                |   | USB1  | Type-C-TOP                    | 1  | 0.23  | 0.23    | 优信电子     |              | Type-C 16p                             |                                     |
| LM27762 (B)                           | Charge Pump Switching Regulator Adjustable  | U8  | WS0N-12-2X3MM VIA             | 1  | 3.2   | 3.2     | 优信电子     | TI           | LM27762DSSR                            |                                     |
|                                       |   |   |                               |    |       |         |          |              |  |                                     |
|                                       |   |   |                               |    |       |         |          |              |  |                                     |
|                                       |   |   |                               |    |       |         |          |              |  |                                     |
| 合计                                    |   |   |                               |    |       | 111.072 |          |              |  |                                     |