



## **Bill of Materials**

<Parameter Title not found>

 Source Data From:
 xLocate.PrjPcb

 Project:
 xLocate.PrjPcb

 Variant:
 None

 Creation Date:
 2021/3/20
 1:02:46

 Print Date:
 20-Mar-21
 1:03:00 AM

| Footprint             | Comment        | LibRef         | Designator                          | Description   | Quantity |
|-----------------------|----------------|----------------|-------------------------------------|---------------|----------|
| Pad_B                 | BAT_IN         | Pad            | BAT+                                |               | 1        |
| Pad_B                 | GND            | Pad            | BAT-                                |               | 1        |
| 蜂鸣器                   | Buzzer         | BZ             | BZ1                                 |               | 1        |
| _SMD5020              | Buzzo.         |                | 52.                                 |               |          |
| _OM.D0020<br>电容_C0805 | 4.7UF          | cap            | C1, C3                              |               |          |
|                       | 104            |                |                                     |               | 12       |
| 电容_C0603              | 104            | cap            | C2, C4, C7, C8, C13, C18, C19, C20, |               | 12       |
|                       |                |                | C21, C22, C23, C24                  |               |          |
| 电容_C0603              | 106            | cap            | C5                                  |               | 1        |
| 电容_C1206              | 22uF           | cap            | C6                                  |               | 1        |
| 电容_C0603              | 105            | cap            | C9, C10, C11, C12, C16, C17         |               | 6        |
| 电容_C0603              | 22pf           | cap            | C14, C15                            |               | 2        |
| LED_0603              | red            | LED            | D1                                  |               | 1        |
| 二极管_SOD-              | 1N4148         | Diode          | D2, D3, D4, D5                      |               | 4        |
| 323                   |                |                |                                     |               |          |
| 二极管_SOD-              | 1N4007         | Diode          | D6                                  | 1             | 1        |
| 323                   |                |                |                                     |               |          |
| 开关按键                  | SKRP           | SW-PB          | K1                                  |               | 1        |
|                       | OKK            | OVV-1 D        | IXI                                 |               |          |
| _SKRP                 | 11 1 4         |                | D0                                  | 10.00         |          |
| HDR1X4H               | Header 4       | Header 4       | P2                                  | Header, 4-Pin | 1        |
| 接插件                   | Micro_SD       | Micro_SD       | P3                                  |               | 1        |
| _Micro_SD             |                |                |                                     |               |          |
| 接插件                   | MICRO USB      | MICRO USB      | P4                                  |               | 1        |
| _MICRO 牛角             |                | 5PIN           |                                     |               |          |
| 插座 USB 直              |                |                |                                     |               |          |
| 边                     |                |                |                                     |               |          |
| MOS_SOT-23            | AO3401         | MOSFET-P       | Q1                                  | 1             | 1        |
| MOS_SOT-23            |                | MOSFET-N       | Q2                                  |               | 1        |
| MOS_SOT-23            |                | MOSFET-N       | Q3, Q4                              |               |          |
|                       |                | Res            |                                     | -             |          |
| 电阻_R0603              | 2K             |                | R1                                  | -             |          |
| 电阻_R0603              | 1K             | Res            | R2                                  |               |          |
|                       | 20K            | Res            | R3, R4, R5, R6                      |               | 4        |
| 电阻_R0603              | 10K            | Res            | R7, R8, R11, R13, R14, R15, R16     |               | 7        |
| 电阻_R0603              | 100R           | Res            | R9, R10                             |               | 2        |
| 电阻_R0603              | 10R            | Res            | R12                                 |               | 1        |
| SOT23-5               | MCP73831       | MCP73831       | U1                                  | 线性充电管理控制器     | 1        |
| SOT23-5               | LP5907-3.3     | LP5907         | U2                                  | LDO           | 1        |
| AT主控                  | AT32F403ACGU   | AT32F403CGU6   | U3                                  |               | 1        |
| QFN48(6X6)            |                |                |                                     |               |          |
| 事口                    | CH340E         | CH340E         | U4                                  | 1             | 1        |
| MSOP10                | OI IO-IOL      | OFICTOR        | 01                                  |               |          |
| GPS-HTZN              | HT1818Z3G5L    | HT1818Z3G5L    | U5                                  |               |          |
| LGA-                  | LIS3MDL        | LIS3DMDL       | U6                                  | -             |          |
|                       | LISSIVIDL      | LISSUNDL       | 06                                  |               | '        |
| 12_L2.0-              |                |                |                                     |               |          |
| W2.0-P0.50-           |                |                |                                     |               |          |
| BL                    |                |                |                                     |               |          |
| LGA-                  | LSM6DSM        | LSM6DSM        | U7                                  |               | 1        |
| 14_L3.0-              |                |                |                                     |               |          |
| W2.5-P0.50-           |                |                |                                     |               |          |
| BL                    |                |                |                                     |               |          |
| ZJY154T-              | IPS154-12      | IPS154-12      | U8                                  |               | 1        |
| PG04 FPC              |                |                |                                     |               |          |
| 0.7mm                 |                |                |                                     |               |          |
| SIQ-02FVS3            | Rotary Encoder | Rotary Encoder | U9                                  | 1             | 1        |
|                       | 32.768K        | XTAL_A         | Y1                                  |               |          |
| 晶振_3215               | 32.700N        | INTAL_A        | T I                                 |               | C-       |
|                       |                | Maria          |                                     |               | 67       |
| Approved              |                | Notes          |                                     |               |          |
|                       |                |                |                                     |               |          |
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