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| No. | Quantity | Comment | Designator |
| 1 | 1 | 3kHz | BUZZER1 |
| 2 | 3 | 22uF | C1,C2,C3 |
| 3 | 1 | 10nF | C4 |
| 4 | 2 | 100nF | C5,C22 |
| 5 | 1 | 100nF | C6 |
| 6 | 1 | 4.7nF | C7 |
| 7 | 1 | 10uF | C21 |
| 8 | 4 | 100nF | C23,C24,C25,C26 |
| 9 | 1 | XT30PW-M | CN1 |
| 10 | 1 | B340A | D1 |
| 11 | 1 | B5819WS | D2 |
| 12 | 1 | SGM6132YPS8G/TR | DC |
| 13 | 1 | BSMD2920-500-16V | F1 |
| 14 | 1 | NCD0603G1 | GREEN |
| 15 | 1 | HDR-F\_2.54\_1x4P | H4 |
| 16 | 1 | HDR-F\_2.54\_1x2P | H5 |
| 17 | 1 | KEY1 | KEY1 |
| 18 | 1 | KEY2 | KEY2 |
| 19 | 1 | KEY3 | KEY3 |
| 20 | 1 | 6.8uH | L1 |
| 21 | 2 | PH2.0-6 | M1,M2 |
| 22 | 1 | MPU6050模块 | MPU6050 |
| 23 | 1 | YLED0603R | POWER |
| 24 | 1 | S1 | PWM1 |
| 25 | 1 | S2 | PWM2 |
| 26 | 1 | S3 | PWM3 |
| 27 | 4 | SI2302 | Q1,Q2,Q3,Q4 |
| 28 | 1 | 52.3kΩ | R1 |
| 29 | 1 | 15kΩ | R2 |
| 30 | 5 | 10kΩ | R3,R4,R29,R34,R37 |
| 31 | 5 | 510Ω | R26,R28,R31,R33,R36 |
| 32 | 4 | 4.7kΩ | R27,R39,R40,R41 |
| 33 | 3 | 180Ω | R32,R35,R38 |
| 34 | 1 | NCD0603R1 | RED |
| 35 | 1 | TB6612模块 | TB6612 |
| 36 | 1 | SMBJ24A | TV1 |
| 37 | 1 | JP1 | U1 |
| 38 | 1 | JP2 | U2 |
| 39 | 1 | SS-12M12G5 | U3 |
| 40 | 1 | NCD0603Y1 | YELLOW |
| 41 | 3 | A1257WR-S-4P | 备用串口接口,蓝牙模块接口,视觉模块接口 |
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| Footprint | Value | Manufacturer Part | Manufacturer |
| BUZ-TH\_BD9.6-P5.00-D0.7-FD | 3kHz | HNB09A05 | 华能 |
| C1206 | 22uF | 1206X226M250NT | FH(风华) |
| C0603 | 10nF | 0603B103K500NT | FH(风华) |
| C0805 | 100nF | CC0805KRX7R8BB104 | YAGEO(国巨) |
| C0402 | 100nF | 0402B104K250NT | FH(风华) |
| C0402 | 4.7nF | 0402B472K500NT | FH(风华) |
| C0603 | 10uF | CL10A106KP8NNNC | SAMSUNG(三星) |
| C0402 | 100nF | CC0402KRX7R9BB104 | YAGEO(国巨) |
| CONN-TH\_XT30PW-M |  | XT30PW-M | AMASS(艾迈斯) |
| SMA\_L4.3-W2.6-LS5.2-RD |  | B340A | MDD |
| SOD-323\_L1.8-W1.3-LS2.5-RD |  | B5819WS | CJ(江苏长电/长晶) |
| SOIC-8\_L4.9-W3.9-P1.27-LS6.0-BL-EP3.4 |  | SGM6132YPS8G/TR | SGMICRO(圣邦微) |
| F2920 |  | BSMD2920-500-16V | BHFUSE(佰宏) |
| LED0603-RD\_1 |  | NCD0603G1 | 国星光电 |
| HDR-TH\_4P-P2.54-V-F |  |  |  |
| HDR-TH\_2P-P2.54-V-F |  |  |  |
| SW-SMD\_L3.9-W3.0-P4.45 |  | KEY1 | XUNPU(讯普) |
| SW-SMD\_L3.9-W3.0-P4.45 |  | KEY2 | XUNPU(讯普) |
| SW-SMD\_L3.9-W3.0-P4.45 |  | KEY3 | XUNPU(讯普) |
| IND-SMD\_L7.0-W6.6 | 6.8uH | MWSA0603S-6R8MT | Sunlord(顺络) |
| PH2.0-6 |  |  |  |
| MPU6050模块 |  |  |  |
| LED0603-FD |  | YLED0603R | YONGYUTAI(永裕泰) |
| HDR-TH\_3P-P2.54-V-M |  | S1 | XFCN(兴飞) |
| HDR-TH\_3P-P2.54-V-M |  | S2 | XFCN(兴飞) |
| HDR-TH\_3P-P2.54-V-M |  | S3 | XFCN(兴飞) |
| SOT-23-3\_L2.9-W1.3-P1.90-LS2.4-BR |  | SI2302 | Hottech(合科泰) |
| R0402 | 52.3kΩ | 0402WGF5232TCE | UNI-ROYAL(厚声) |
| R0402 | 15kΩ | 0402WGF1502TCE | UNI-ROYAL(厚声) |
| R0402 | 10kΩ | 0402WGF1002TCE | UNI-ROYAL(厚声) |
| R0402 | 510Ω | 0402WGF5100TCE | UNI-ROYAL(厚声) |
| R0402 | 4.7kΩ | 0402WGF4701TCE | UNI-ROYAL(厚声) |
| R0603 | 180Ω | FRC0603J181 TS | FOJAN(富捷) |
| LED0603-RD\_RED |  | NCD0603R1 | 国星光电 |
| TB6612FNG |  |  |  |
| SMB\_L4.6-W3.6-LS5.3-RD |  | SMBJ24A | Brightking(君耀电子) |
| HDR-TH\_50P-P2.54-V-F-R2-C25-S2.54-1 |  | JP1 | Megastar(兆星) |
| HDR-TH\_50P-P2.54-V-F-R2-C25-S2.54-1 |  | JP2 | Megastar(兆星) |
| SW-TH\_SS-12M12G5 |  | SS-12M12G5 | XKB Connectivity(中国星坤) |
| LED0603-RD |  | NCD0603Y1 | 国星光电 |
| CONN-SMD\_A1257WR-S-4P |  | A1257WR-S-4P | CJT(长江连接器) |
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| Supplier Part | Supplier |
| C96493 | LCSC |
| C2858005 | LCSC |
| C57112 | LCSC |
| C519981 | LCSC |
| C56392 | LCSC |
| C1538 | LCSC |
| C19702 | LCSC |
| C131394 | LCSC |
| C431092 | LCSC |
| C64982 | LCSC |
| C22624 | LCSC |
| C87095 | LCSC |
| C910846 | LCSC |
| C84267 | LCSC |
| C2718488 |  |
| C49661 |  |
| C720477 | LCSC |
| C720477 | LCSC |
| C720477 | LCSC |
| C408449 | LCSC |
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| C19171390 | LCSC |
| C2937625 | LCSC |
| C2937625 | LCSC |
| C2937625 | LCSC |
| C181087 | LCSC |
| C26982 | LCSC |
| C25756 | LCSC |
| C25744 | LCSC |
| C25123 | LCSC |
| C25900 | LCSC |
| C2907110 | LCSC |
| C84263 | LCSC |
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| C87268 | LCSC |
| C7499355 | LCSC |
| C7499355 | LCSC |
| C2884789 | LCSC |
| C84268 | LCSC |
| C225127 | LCSC |
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