

Parts List

| Name | Specification | Tolorence | QTY. | Location |
|-----------|------------------|----------------------|------|--------------|
| PCB | K-561A_V4.0 | 166X105/6PCS, 1.2FR4 | 1 | |
| BT Module | BCM20730 | 30*14mm/48PIN | 1 | U1 |
| IC | CH4054 | SOT23-6 | 1 | U2 |
| LDO | CH6221 | SOT23-5 | 1 | U3 |
| EEPROM | FT24C128A | | 1 | U4 |
| CAP | 104P | 0603, $\pm 20\%$ | 2 | C6, C8 |
| CAP | 105P | 0603, $\pm 20\%$ | 2 | C1, C5 |
| CAP | 475P | 0603, $\pm 20\%$ | 3 | C2, C3, C7 |
| RES | 27 Ω | 0603, $\pm 1\%$ | 1 | R10 |
| RES | 1K | 0603, $\pm 1\%$ | 1 | R3 |
| RES | 2K | 0603, $\pm 1\%$ | 1 | R16 |
| RES | 10K | 0603, $\pm 1\%$ | 3 | R4, R17, R18 |
| RES | 12K | 0603, $\pm 1\%$ | 1 | R2 |
| RES | 510K | 0603, $\pm 1\%$ | 1 | R8 |
| RES | 1M | 0603, $\pm 1\%$ | 1 | R9 |
| Diode | IN4148 | 1206 | 1 | D1 |
| Triode | MMBT3904 | SOT-23 | 1 | Q2 |
| LED | MBY0603VRC-SA | 603 | 1 | LED2 |
| LED | MBY0603VBC-203 | 603 | 1 | LED1 |
| LED | MBY06030BGC-OG | 603 | 1 | LED3 |
| FPC | 26PX1.0PH/H2.0mm | | 1 | CON1 |
| USB | Micro5Pin | | 1 | J1 |
| Switch | 5X5X2.5mm | | 1 | SW2 |
| Switch | MSS-22C02/2mm | | 1 | S1 |

Module Parts List

| | | | | |
|---------|----------|--|---|---------------|
| BT Chip | BCM20730 | | 1 | U1 |
| Crystal | 24MHz | | 1 | X1 |
| CAP | 470P | | 1 | C1 |
| CAP | 3P9 | | 1 | C2 |
| CAP | 2P7 | | 1 | C9 |
| CAP | 1P8 | | 2 | C10 C11 |
| RES | 150K | | 1 | R1 |
| IND | 2N7H | | 1 | L1 |
| CAP | 1U | | 2 | C5 C17 |
| CAP | 100N | | 1 | C3 |
| CAP | 1P3 | | 1 | C4 |
| CAP | 10U | | 4 | C6 C7 C16 C18 |
| CAP | 4U7 | | 1 | C12 |
| CAP | 220P | | 1 | C8 |
| RES | 910K | | 1 | R3 |
| RES | 470K | | 1 | R4 |
| IND | 4U7H | | 1 | L3 |
| RES | 0R | | 2 | R6 R9 |
| RES | 10K | | 1 | R7 |

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|------|---------------|-----------|------|----------|
| CAP | 18P | | 1 | C13 |
| CAP | 20P | | 1 | C14 |
| RES | 1M | | 1 | R2 |