| BOM | BLEUART-USB-Dongle | | |
|---|---|---|---|
| | Version | V1.1.0 | 2020-02-26 |

| Reference | Qty | Value | Footprint | Mfr. | Mfr. Part Number | Description | LCSC.# |
|---|---|---|---|---|---|---|---|
| C1, C14 | 2 | 1uF | C0402 | | | | C52923 |
| C13 | 1 | 100pF | C0402 | | | | C1546 |
| C2 | 1 | 2.2uF | C0603 | | | | C23630 |
| C3, C4, C9, C10, C12, C17, C18 | 7 | 100nF | C0402 | | | | C1525 |
| C5 | 1 | 4.7uF | C0402 | | | | C23733 |
| C6, C7, C8, C11 | 4 | 12pF | C0402 | | | | C1547 |
| D1 | 1 | B5819W | SOD-123 | | | Schottky Barrier Diode | C8598 |
| D2 | 1 | TVS Diode | SPT-23-6 | ProTek Devices | SRV05-4-P-T7 | | C85364 |
| D3 | 1 | LED, 0603 | 0603 | Foshan NationStar Optoelectronics | NCD0603R1 | 0603 SMD LED, Red | C84263 |
| D4, D5, D6 | 3 | LED, 0603 | 0603 | Foshan NationStar Optoelectronics | NCD0603O1 | 0603 SMD LED, Orange | C84269 |
| J1 | 1 | USB-A_PTH_MALE | USB-A-H-RECT | Korean Hroparts Elec | U-G-O4DD-W-1 | USB2.0 Type-A Male Connector | C98125 |
| L1 | 1 | 0R | R0402 | | | | C17168 |
| R1 | 1 | 7.5k | R0402 | | | | C25918 |
| R2, R3, R4, R5 | 4 | 10k | R0402 | | | | C25744 |
| S1 | 1 | SPST-3x4mm | SPST_3.0X4.0MM | XUNPU | TS-1088-AR02016 | SPST Tactile Switch | C720477 |
| U1 | 1 | CH340E | MSOP-10 | WCH(Jiangsu Qin Heng) | CH340E | USB-UART converter | C99652 |
| U2 | 1 | NRF52832 | QFN48 | Nordic Semicon | nRF52832-QFAA-R | 2.4GHz RF MCU | C77540 |
| VR1 | 1 | AP2210K-3.3TRG | SOT-23-5 | Diodes Incorporated | AP2210K-3.3TRG1 | | C176959 |
| Y1 | 1 | 32MHz_2016 | SMD-2.0X1.6MM | Seiko Epson | Q22FA1280001800 | 32MHz ±10ppm 12pF | C255896 |
| Y2 | 1 | 32.768kHz | SMD-3.2X1.5MM | Seiko Epson | Q13FC1350000400 | 32.768KHz ±20ppm 12.5pF | C32346 |