BOM Nixie Calculator Extended Keyboard Rev.1 23/02/2023

| ID | Quantity | Value | Additional | Designator | Footprint | Туре | Manufacturer Part | Manufacturer |
|----|----------|-------------------|-------------------|------------|--------------|-------------------|-------------------|---------------------|
| 1 | 1 | 1M | 1/4W | R1 | 0805 | Resistor | RK73H2ATTD1004F | KOA Speer |
| 2 | 1 | 10k | 1/4W | R2 | 0805 | Resistor | RK73H2ATTD1002F | KOA Speer |
| 3 | 1 | 1k | 1/4W | R3 | 0805 | Resistor | RK73H2ATTD1001F | KOA Speer |
| 4 | 2 | 150 | 1/4W | R4,R5 | 0805 | Resistor | RK73H2ATTD1500F | KOA Speer |
| 5 | 2 | 100n | 50V | C1,C2 | 0805 | Capacitor | C0805C104M5RACTU | KEMET |
| 6 | 2 | 22p | 50V | C3,C4 | 0805 | Capacitor | C0805C220K5HACTU | KEMET |
| 7 | 36 | 1N4148W | | D1-D36 | SOD-123 | Diode | 1N4148W-7-F | Diodes Incorporated |
| 8 | 1 | Crystal 16MHz | | X1 | HC-49/US SMD | Crystal | HCM4916000000ABKT | Citizen FineDevice |
| 9 | 1 | ATMEGA328P-AU | | U1 | TQFP-32 | MCU | ATMEGA328P-AU | AVR |
| 10 | 35 | Cherry MX blue | | K1-K35 | | Pushbutton switch | MX1A-E1NW | CHERRY |
| 11 | 1 | Slide switch | | SW1 | | Slide switch | S202031MS02Q | C&K |
| 12 | 1 | 1x2 header/2.54mm | male, right angle | ON | | Header | | |
| 13 | 1 | 1x5/header/2.54mm | male, right angle | H1 | | Header | | |
| | | | | FTDI, | | | | |
| 14 | 2 | 1x6/header/2.54mm | | BOOTLOADER | | Header | | |