## **USB-Tentacle v1.0**

| P | S | Ref | Value        | Part Number/ Footprint     | UPL      |
|---|---|-----|--------------|----------------------------|----------|
|   |   | C1  | 1uF          | 1206                       |          |
|   |   | C2  | 0.1uF        | 1206                       | C000006  |
|   |   | C3  | 12pF         | 0603                       |          |
|   |   | C4  | 12pF         | 0603                       |          |
|   |   | D1  | Schotty      | SD1206S040S0R5             | D000001  |
|   |   | D2  | Schotty      | SD1206S040S0R5             | D000001  |
|   |   | D3  | Schotty      | SD1206S040S0R5             | D000001  |
|   |   | D4  | Schotty      | SD1206S040S0R5             | D000001  |
|   |   | D5  | Schotty      | SD1206S040S0R5             | D000001  |
|   |   | D6  | Schotty      | SD1206S040S0R5             | D000001  |
|   |   | D7  | Schotty      | SD1206S040S0R5             | D000001  |
|   |   | D8  | Schotty      | SD1206S040S0R5             | D000001  |
|   |   | D9  | Schotty      | SD1206S040S0R5             | D000001  |
|   |   | J1  | USB B Micro  | MCR-B-S-RA-SMT-CS5A-NF-T/R | J000006  |
|   |   | J2  | AVR-ISP-6    | 2x3 Male Pin Header        |          |
|   |   | R1  | 1.5K         | 0603                       |          |
|   |   | R2  | 680          | 0603                       |          |
|   |   | R3  | 680          | 0603                       |          |
|   |   | SW1 | Push         | Cherry MX Keyswitch        |          |
|   |   | SW2 | Push         | Cherry MX Keyswitch        |          |
|   |   | SW3 | Push         | Cherry MX Keyswitch        |          |
|   |   | SW4 | Push         | Cherry MX Keyswitch        |          |
|   |   | SW5 | Push         | Cherry MX Keyswitch        |          |
|   |   | SW6 | Push         | Cherry MX Keyswitch        |          |
|   |   | SW7 | Push         | Cherry MX Keyswitch        |          |
|   |   | SW8 | Push         | Cherry MX Keyswitch        |          |
|   |   | SW9 | Push         | Cherry MX Keyswitch        |          |
|   |   | U1  | ATtiny44A-SS | ATTINY44A-SSN              | UC000020 |
|   |   | Y1  | 20MHz        | RH100-20.000-8-1010-TR     | X000003  |

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