

BOM

| Qty | Component | Digi-Key Part # |
|-----|---|--|
| 1 | 2 layer PCB | |
| 1 | PIC32MX270F256B-I/SP-ND microcontroller | PIC32MX270F256B-I/SP-ND |
| 1 | MCP1700-3302E/TO-ND voltage regulator | MCP1700-3302E/TO-ND |
| 1 | Red LED | C503B-RAN-CZ0C0AA2CT-ND |
| 1 | 20MHz Crystal | 535-9046-ND |
| 1 | Sobertone GT-0603A-2 Buzzer | 433-1193-ND |
| 2 | Ceramic Capacitors 27pF 50V | BC1006CT-ND |
| 2 | Ceramic Capacitors 0.1uF 50V | BC1148CT-ND |
| 3 | Ceramic Capacitors 10uF 16V | 445-FK24X5R1C106KR000-ND |
| 1 | Resistor 82Ω | CF14JT82R0CT-ND |
| 1 | Resistor 220Ω | CF14JT220RCT-ND |
| 4 | Resistors 4.7KΩ (4) | CF14JT4K70CT-ND |
| 1 | Resistor 10KΩ | CF14JT10K0CT-ND |
| 1 | Resistor 100KΩ | CF14JT100KCT-ND |
| 1 | USB B Type Socket | 102-5888-ND |
| 1 | DE-15 Female Connector | L77HDE15SD1CH4F-ND |
| 1 | 6 Pin Mini DIN Female Connector | CP-2260-ND |
| 1 | 4 way Header Connector | A30788-ND |
| 1 | 2 way Header Connector | A24932-ND |
| 1 | DIP socket | ED3050-5-ND |
| 16 | Header Pins | S1011EC-32-ND |
| 4 | Jumpers | S9337-ND |