RFID DarkNet

**Bill of Materials**

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| **Label** | **Description** |
| U1 | PIC12F683 |
| R1 | 100ohm |
| R2 | 33kOhm |
| D1, D2, D3, D4 | Schottky Diode |
| D5 | 5.1V Zener Diode |
| D6 | 1N4148 Signal Diode |
| C1, C4 | 10nF Ceramic Capacitor |
| C2, C3 | 1nF Ceramic Capacitor |
| C5\* | 100uF Electrolytic Capacitor |
| J1\* | 6-pin Header |
| L1 | 162uH RF Coil (Magnet Wire) |

\* Optional components