



Reset

The diagram illustrates a reset circuit for a microcontroller. The microcontroller pins are labeled ~RESET and ~SYSTEM-RESET. A 1N4148 diode (D1) is connected with its anode to the ~RESET pin and its cathode to the ~SYSTEM-RESET pin. A 10k resistor (R3) connects the ~RESET pin to VDD. A 10k resistor (R7) connects the ~SYSTEM-RESET pin to VDD. A 100nF capacitor (C2) connects the ~SYSTEM-RESET pin to GND. The capacitor is labeled with a value of 100nF.

Shot safety circuit