ABSTRACT

The ATmega328p is a single chip microcontroller created by Atmel in the megaAVR family and commonly used in many projects and autonomous system where a simple, low powered, low cost microcontroller is needed.

This is a programming of ATmega328p I/O ports, basic input and output configuration of the pin. The door sensor example is cover to explain pin monitoring. Masking concept is used to not affect the status of other pins.

Block diagram

