

TOGGLE 2 LED'S USING PUSH BUTTON

ABSTRACT – we consider the atmega328 for toggling the 2 LED's by using push button. In this, we will toggle the status of the two LED's according to the input from a button switch. Every time when the controller receives input from the switch, it will toggle the current status of the two LED's.

ATMEGA328: The ATMEGA328 is a popular microcontroller due to it being a major component in the Arduino board products. The ATMEGA328 is the 8-bit RISC heart of the Arduino Uno and Nano, with maximum clock frequency of 20MHz, 32KB program FLASH, and 2KB of RAM. Most Arduino boards consist of an Atmel 8-bit AVR microcontroller with varying amounts of flash memory, pins and features.

PUSH-BUTTON:

The push button switch is usually used to turn on and off the control circuit, and it is a kind of control switch appliance that is widely used. It is a kind of control switch appliance that is widely used. It is used in electrical automatic control circuits to manually send control signals to control contactors, relays, electromagnetic starters etc. The push button switch can complete basic controls such as start, stop, forward, reverse rotation, speed change and interlock.