

ABSTRACT

LED stands for light emitting diode. The main principle of this circuit is to interface LEDs to the at mega family micro controller.

Commonly, used LEDs will have voltage drop 5v and current to glow at full intensity. This is applied through the output pin of the micro controller.

The Light Emitting Diode is similar to the normal PN Diode but it emits energy in the form of the light. LED blinking is the most basic project with a microcontroller to see a physical output. One can understand the concept of input-output configurations of the general-purpose I/O port in a microcontroller with the simple LED blinking project. The LEDs are simple electronic display units availabl