

## **CIRCUITS CONTROLLER ROOM USING LIGHT INFRA RED SENSOR BASED MICROCONTROLLER AT89C51**

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### **Abstract:**

The writing of this research create a system that can control lights in the room from a distance by using infrared transmission media to be integrated starting from the infrared transmitter, infrared receiver, microcontroller AT89C51 and lights the room. The maximum distance that can be achieved by infrared sensors of infrared transmitter approximately 10 meters far. Light-emitting diode (LED) as a source of infrared light to transmit data and a series of infrared receiver used as a recipient photodiode emitted by infrared.

Bibliography : 10 (2004-2006)

