

## **DESIGN TOOL ROOM DOOR ALARM ON AT89C51 MICROCONTROLLER**

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NOA, Computer Systems, 2007

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Keywords: Design Tool Room Door Alarm

### **Abstract:**

In general, this door design tool can be applied easily. Optocoupler sensor response towards the open door can be detected properly. So also with the performance of LED and buzzer as a timely warning when the sensor was detected.

Specifically, the program for running the door alarm was spelled out successfully, because the microcontroller program commands can be processed and properly instructed.

Bibliography: 15 (1979-2006)

