

## **DIGITAL QUEUE SYSTEM DESIGN BASED MIKROKONTROLER AT89S51**

Sapto Mujoko, 20402272, Fivtianti Hendajani, SKom., MM  
KKP, Computer Engineering, 2009  
JAKARTA STMIK STI & K  
<http://www.jak-stik.ac.id>

Keywords: Switch, Queue Digital, microcontroller AT89S51

### **Abstract:**

Series of "Design System Microcontroller Based Digital Queue AT89S51" function to help create a safe, comfortable and orderly at the time of the queue for a particular transaction. This tool is designed with Inputan a switch, the data processing using AT89S51 Microcontroller IC, and output display and buzzer sevensegmen as an indicator of the number of queue detection. This tool works by detecting a pressure switch Inputan, then microcontroller will process Inputan data input into the next will be used to perform the counting process and the results will be displayed on the seven-segment indicator with buzzer that sounds. The seven segment display functions provide information to visitors (queue) that the numbers that appear in the seven-segment display shows the queue number that will make transactions.

Bibliography : 10 (1989-2004)

