

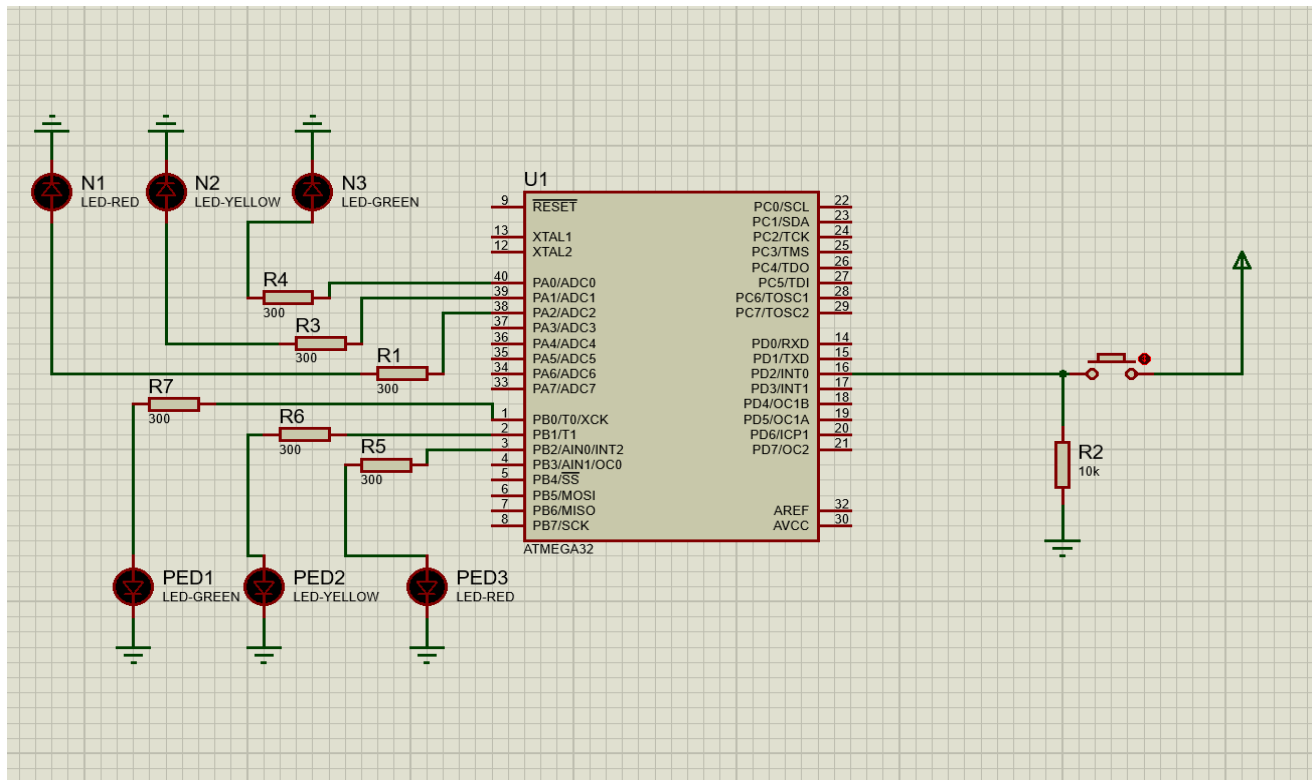
Contents

System Description

- This system is a software used to control the traffic lights for both cars and pedestrians to provide a safe, fast movement for both the traffic and the people

System Design

- **The system is designed of**
 - Microcontroller in this case (atmega 32)
 - two traffic lights each consists of 3 LEDs (green, red, yellow)
 - Push button



System Flowchart

This system has 2 modes:

- 1- Normal mode
- 2- Pedestrian mode when the pedestrian button is pressed.

