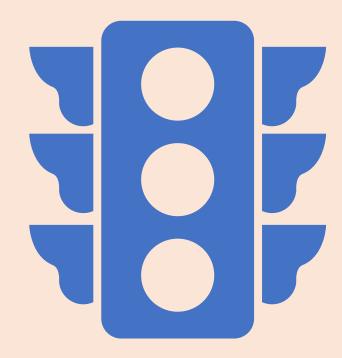
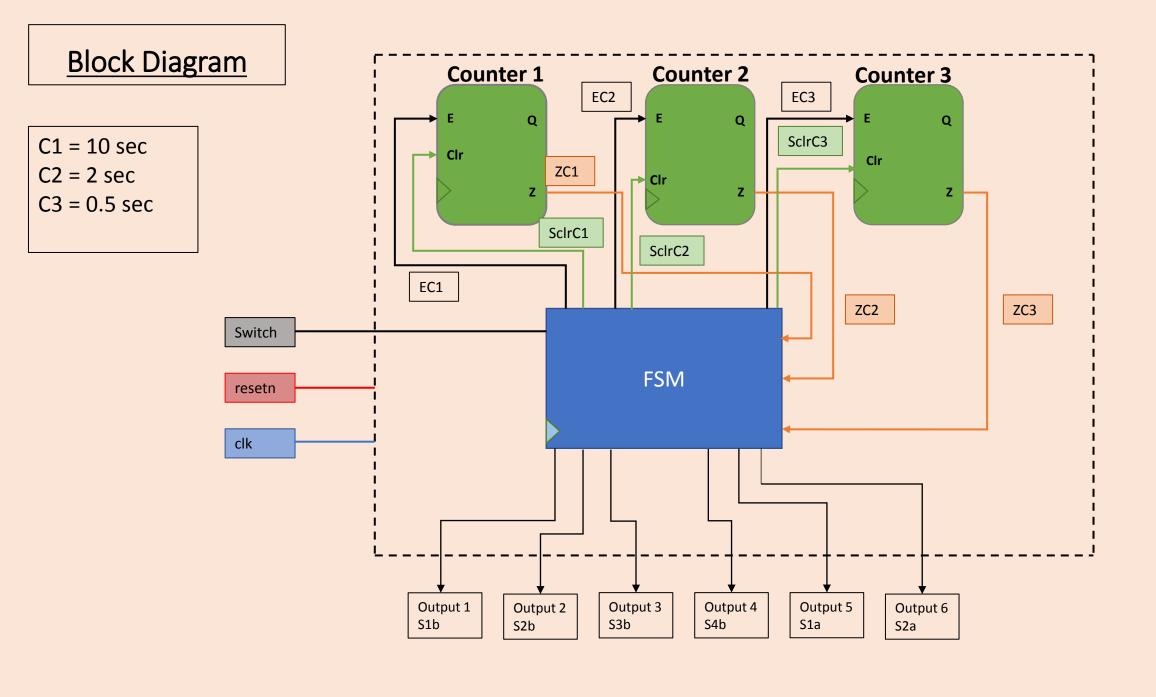
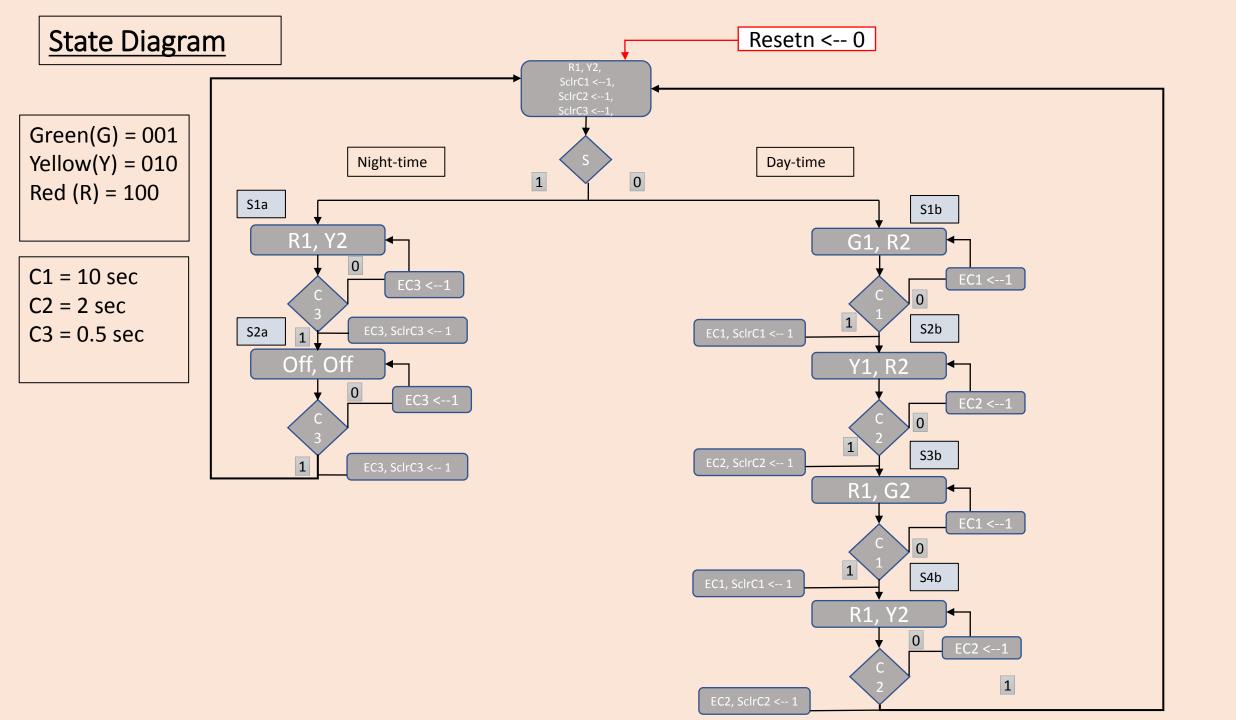
Four-Way Traffic Light

Aadeesh Dhiman, Aaditya Dhiman, Matthew Fortman, Matthew Monroe

This circuit switches between day and night modes to provide traffic signals to an intersection. The daytime lights flash through red, yellow and green lights to signal when to stop, slow down and go. The nighttime lights have flashing yellows in two directions and flashing reds in the other two. This allows for safe and efficient travel in vehicles.



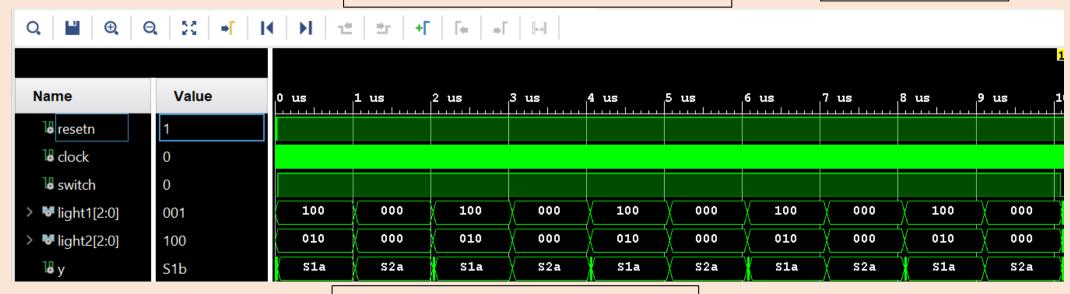




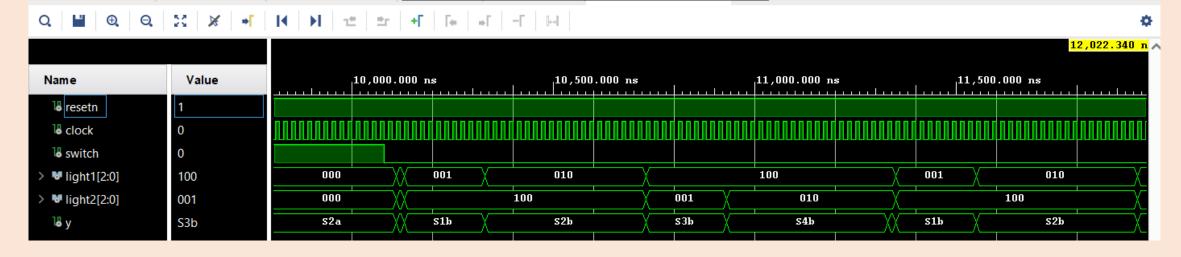
Behavioral Simulation

Green = 001 Yellow = 010 Red = 100

Nighttime Mode (switch =1)



Daytime Mode (switch =0)



<u>Demo Video</u>