

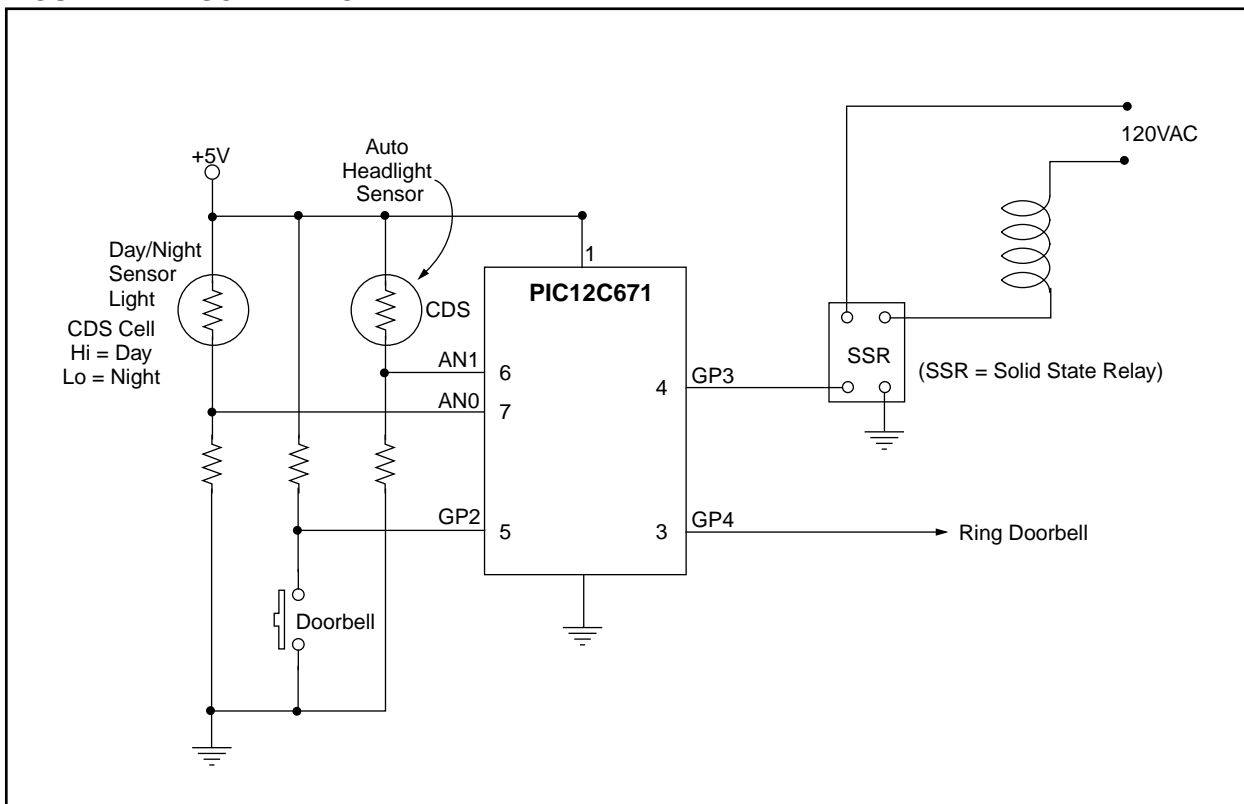
Low Cost Outdoor Night Light

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INTRODUCTION

This system is a low cost, outdoor night light controller with a variable timer that will detect if it is day or night. It will also detect the arrival of a car and a doorbell press. When a car arrives it will turn on the outdoor lights for two minutes. Each press of the doorbell increments a counter which also turns on the lights for two minutes per press. The system is disabled during the day by the day/night sensor.

FIGURE 1: SCHEMATIC



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Simple Circuit

NOTES: