

MICRO CONTROLLER BASE VEHICLE INTERIOR LAMP

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ABSTRACT

Interior lamp is very important device for a vehicle, especially at the night or storm approached. It used to light up the car, let people can move easily and it also shows a signal to the driver that door is not close properly.

Using a PIC16F84, we can do the delay function for the interior lamp, and the advantage of the PIC is to provide features that would have required a large amount of logic. Base on difference part of vehicle like central lock, door switch, side lamps and ignition, with different conditions, we can specific the interior lamp on or off. Using PIC16F84 we also can turn off the light after a period of time, so the battery has been protected and your vehicle safety.