

EMERGENCY VEHICLE FLASHER



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ABSTRACT

Emergency Vehicle Flasher is the best solutions to prevent road accidents. Driving at night or in bad weather needs an extra precautions, besides a good tyre and wiper with windshields blade working well. This project which can be used for capturing the attention of (or warning) drivers and pedestrians. These gadgets kindle an instant response that makes people look up and pay attention an important consideration when a matter of moments can mean life or death in an emergency situation. The bright LEDs ensure the vehicle is clearly visible, even in bad weather conditions. Caution blinkers is to keep people from running up behind you too fast. In this project, the main parts of this circuit consists of light dependent resistor (LDR), 16F684 microcontroller and light emitting diode (LED). The algorithm is develop and implemented using Micro-C. The simulation was validated using Proteus 8 Professional.

Keyword: Light Dependent Resistor (LDR), 16F684 microcontroller, Light Emitting Diode (LED).