

VERSATILE OPTICAL AND VIBRATION TRIGGER

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ABSTRACT

Versatile Optical and Vibration Trigger is a very useful circuit that can apply and use it in our real life. This is the circuit that is flexible enough to cater for many different applications. In its basic form, the Versatile Optical and Vibration Trigger switches a load on or off, depending on the light and vibration falling on its sensor. Beside that it adapted to work way round, switching on when the light gets brighter, r when it becomes dimmer.

For my project, I had designed simple circuits, but which are very powerful circuits. It can switch on a porch lamp at duck, sounding the buzzer when someone's shadow fall on the sensor and attempt made to enter the house by breaking the glass.