



**PRODUCT NAME** : IR LED 3mm

**PRICE** : Rs 8.00

**SKU** : RM0286



## DESCRIPTION

An **IR LED**, also known as **IR transmitter**, is a special purpose LED that transmits infrared rays in the range of **760 nm wavelength**. Such LEDs are usually made of gallium arsenide or aluminum gallium arsenide. They, along with IR receivers, are commonly used as **infrared sensors**.

## Features of IR LED 3 MM

- Energy efficient.
- Environmentally friendly.
- Zero maintenance.
- Safety.
- Long life (50000 hrs to 100000 hrs).

## Applications of IR LED 3 MM

- **Infrared LED chip with wavelength of 940nm**: suitable to be used in remote controller, such as remote controllers for household appliances.
- 808nm: suitable to be used in medical treatment appliances, space optical communication, infrared illumination and the pumping sources of the solid-state lasers.
- 830nm: suitable to be used in the automated card reader system in freeway.
- 840nm: suitable to be used in colored zoom infrared waterproof video camera.
- 850nm: suitable to be used in video cameras that are applied in digital photography, monitoring system, door phone, theftproof alarm and so on.
- 870nm: suitable to be used in video cameras in marketplace and crossroad.

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