



Fire Alarm PCB

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Highlights

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- 100% Working p
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Documentation

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Price: ~~₹384.00~~ Original price was: ₹384.00. ₹227.00
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Categories: [Engineering project](#), [IC & Transistor](#), [Mini Project](#), [Projects](#)

Product Description

INTRODUCTION:

The fire alarm project is a safety device designed to detect and alert individuals in the event of a fire outbreak. This project utilizes the IC 555 timer, a widely used integrated circuit, in conjunction with a buzzer, 9V battery, and a 1N4148 Zener diode acting as a heat sensor. The system works by monitoring changes in temperature and triggering an alarm when the temperature exceeds a predefined threshold, indicating the presence of fire or excessive heat.

ADVANTAGES:

- Cost-effective solution for fire detection.
- Simple circuit design using easily available components.
- Portable and battery-powered, allowing it to be used in various settings.
- Provides an immediate audible alert to warn occupants of potential danger.
- Can be integrated into larger fire safety systems.

APPLICATIONS:

- Residential buildings: Houses, apartments, and dormitories.
- Offices and commercial spaces.
- Industrial facilities and warehouses.
- Educational institutions: Schools, colleges, and universities.
- Public places: Theatre's, shopping malls, and airports.
- Any location where early fire detection is crucial for safety.

[Download Free Project Synopsis](#)

[Working Video](#)

Disclaimer:

This is a handmade complete working Models, Projects & Activity kits supported by rough study material to make a suitable projects report by the student. It is using Cardboard/Wooden base, Paper, Foam based board, stationary items, Electronic-Electrical Components, Mechanical & Scientific goods as per the requirement of a particular model. Colour of product and decoration item may be varying according to availability of material but we make ensure that we will deliver the product with same working, structure and dimensions as describe in product description section.
