



Rain Alarm

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Highlights

Branding Free Pr

- No Brand Name/ Projects
- 100% Working p
- Tested Project &

Documentation

- Free Project Syn
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Support

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Delivery Time

- **Handling Perio**

- **Transit Time** :3-5 Days (Approx.)
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Price: ~~₹404.00~~ Original price was: ₹404.00. ₹238.00
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Stock: instock

Categories: [Engineering project](#), [IC & Transistor](#), [Mini Project](#), [Projects](#)

Product Description

Abstract:

In a world full of automation, everyone wants to stay smart and productive. And, water harvesting can also be achieved easily with the help of automation. Here in this article, we will be discussing the Rain Alarm project which has a great significance in harvesting rainwater. The circuit helps to detect the rain by giving an alarm while you are sitting inside the home, so that you can take necessary action. It totally helps in avoiding the unnecessary headache of keeping an eye outside your window in the rainy season to see when it is going to rain. To save your time money and effort let's start with the process of making a simple and cost effective rain alarm circuit in the easiest way.

Why We Need Rain Alarm?

This circuit enables you to manage your outside settings when it rains. You can close your windows or get ready for rain water harvesting after hearing the alarm. With some small modification the circuit can also be used as water level indicator, agriculture field irrigation system etc. The biggest advantage of this circuit is that it's simple, reliable and consumes less power. Rain Alarm Circuit consists of three main components that include **Rain sensor**, 555 Timer IC and a buzzer. The heart of rain alarm circuit is rain sensor which is used to detect the presence of water. When rain drops falls on the sensor, it creates a conducting path and triggers the 555 Timer IC. Once the timer IC is triggered, it will activate the alarm. The biggest advantage of using rain sensor in the circuit is that it is relatively cheap and highly reliable. You don't need to rush for purchasing the one in fact, you can make rain sensor at home in simple way suggested in this article. So, before starting with the project, let me brief you about the

design, circuit diagram, working and application of rain sensor. The circuit mainly works on the principle that normal water conducts some amount of electricity, although rain water or natural water is not pure. Being able to detect rain due to use of rain sensor, this circuit can be used in various other fields where you want to detect water. Also, we will be guiding you step by step to design a rain alarm sensor with the help of simple and cost effective components.

[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.
