



## Anti sleep A using IC 358

### Available offer

- **Free Shipping** above Rs999.
- Pay with UPI QR [Coupons](#)
- **Special Bulk D** Companies and m
- Get Special Disc

### Highlights

#### Branding Free Pr

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

#### Documentation

- Free Project Syn
- Printed Short Re
- Printable Soft co

#### Support

- Demo Video – **En**
- Technical Suppo
- [Get Discount Co](#)

Click Here to Buy D  
Digital Bundle Click

- Printable Soft co

- Printable Soft copy of Project Report (60 -70 Pages)

[Read More](#)

**SKU:** PH\_EP\_041

**Price:** ₹848.00 Original price was: ₹848.00. ~~₹500.00~~  
Current price is: ₹500.00.

**Stock:** instock

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

## Product Description

### INTRODUCTION:

The Anti-Sleep Alarm with Vibrator using IC 358 is a safety-oriented project designed to address the critical issue of drowsy driving or fatigue-induced lapses in attention. The project utilizes the IC 358 operational amplifier to create a reliable system that can alert individuals when signs of drowsiness are detected, enhancing road safety.

### AIM:

The primary aim of this project is to develop an Anti-Sleep Alarm system that incorporates a vibrator for timely alerting of individuals, especially drivers, when signs of drowsiness are detected. The system aims to prevent accidents caused by drowsy driving, providing an effective and non-intrusive solution to enhance alertness.

### PRINCIPLE:

The Anti-Sleep Alarm system operates on the principle of monitoring and detecting physiological signals indicative of drowsiness, such as eye movement or head nodding. The IC 358 operational amplifier is employed to process and amplify these signals, triggering the vibrator as an alert mechanism when predefined thresholds are reached.

### ADVANTAGES:

- **Timely Alerts:** The inclusion of a vibrator ensures that the alert is immediate and cannot be easily ignored, enhancing the chances of preventing accidents.
- **Non-Intrusive:** Unlike audible alarms, the tactile feedback through the vibrator is less intrusive, minimizing distraction for others.

- **Adjustable Sensitivity:** The system allows for customization based on individual preferences and physiological variations.

## APPLICATIONS:

- **Automotive Safety:** Integration into vehicles to prevent accidents caused by drowsy driving.
- **Industrial Settings:** Use in work environments where alertness is crucial for safety.
- **Medical Monitoring:** Implementation in healthcare to monitor patient alertness.

## 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.

---