



Anti sleep A using IC 358

Available offer

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

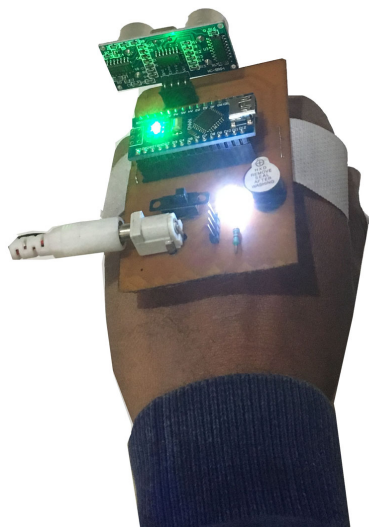
- **Automotive Safety:** Integration into vehicles to prevent accidents caused by drowsy driving.
- **Industrial Settings:** Use in work environments where alertness is crucial for safety.
- **Medical Monitoring:** Implementation in healthcare to monitor patient alertness.

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.



Third Eye for Arduino

Available offer

- **Free Shipping** above Rs999.
- Pay with UPI QR [Coupons](#)
- **Special Bulk D** Companies and
- Get Special Dis 9109087333.

Highlights

Branding Free Project / Activity kit

- No Brand Name/Logo/Watermark on Components, PCB & Projects
- 100% Working project
- Tested Project & Activity kits

Documentation

- Free Project Synopsis – **Embedded below**
- Printed Short Report
- Printable Soft copy of Project Report

Support

- Demo Video – **Embedded below**
- Technical Support – WhatsApp@9109087333
- [Get Discount Coupon](#)

Delivery Time

- **Handling Period** : 1-2 Days
- **Transit Time** : 3-5 Days (Approx.)
- **Delivery Time** : Handling Period + Transit Time (4-7 Days Approx.)

[Click Here to Buy Do It Yourself Kit](#)

[Read More](#)

SKU: PH_EP_001

Price: ₹2,320.00 Original price was: ₹2,320.00. ₹1,369.00 Current price is: ₹1,369.00.

Stock: instock

Categories: [Arduino](#), [Engineering project](#), [Exhibition Models & Inspire Award](#), [Projects](#), [Technology & Innovation](#), [Wearable Technology](#)

Tags: [Arduino IDE download](#), [Arduino programming tutorial](#), [Arduino project for students](#), [Assistive](#)

[technology for the visually impaired](#), [Audio feedback device](#), [Electrical engineering project](#), [Electronics engineering project](#), [Engineering student projects](#), [Exhibition project](#), [Obstacle detection device](#), [School project ideas](#), [Third Eye for the Blind](#), [Ultrasonic sensors](#), [Wearable technology](#)

Product Description

Abstract:

According to estimates from the World Health Organization (WHO) Prevention of Blindness and Deafness Program: About **285 million people** are visually impaired worldwide: 39 million are blind and 246 million have low vision. Now a days there are so many instruments and smart devices for visually impaired peoples for navigation but most of them have certain problems for carrying and the major drawbacks is those need a lot of training to use. So the aim of the project is to develop a cheap and more efficient way to help visually impaired to navigate with greater comfort, speed and confidence.

Existing Systems & their problems:

1. Blind sticks- May easily crack/break; the stick may get stuck at pavement cracks of different objects.
2. Smart devices (eg: Vision a torch for blinds)- **Cannot be carried easily**, needs a lot of training to use

Solution:

To solve this problem we are going to make one of the best wearable technologies based innovative device which will detects nearby objects or obstacles and notify with buzzer & vibrators. This devices is called “**THIRD EYE FOR BLIND PERSON**” This technology will resolves all the problems of existing technologies. This device will help the blind to navigate without holding a stick. Simply wear it as a band or cloth and it can function very accurately and they only need a very little training to use it.

[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.
