



Hello guys welcome to [SAAD INNOVATIVE IDEAS](#).
Here we will bring innovative ideas about school/college projects, models, Arduino projects, Artificial Intelligence projects, RC Hobby, and many new creations...

ARDUINO ANTI-SLEEP GLASSES;

If you search on browser the approximate number of deaths due to vehicle crashes

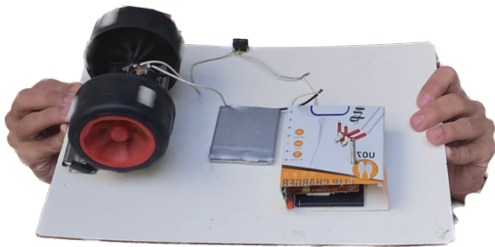


Approximately **1.35 million** people die of accidents per year. Seconds of miss-attention and drowsiness can make terrible consequences.

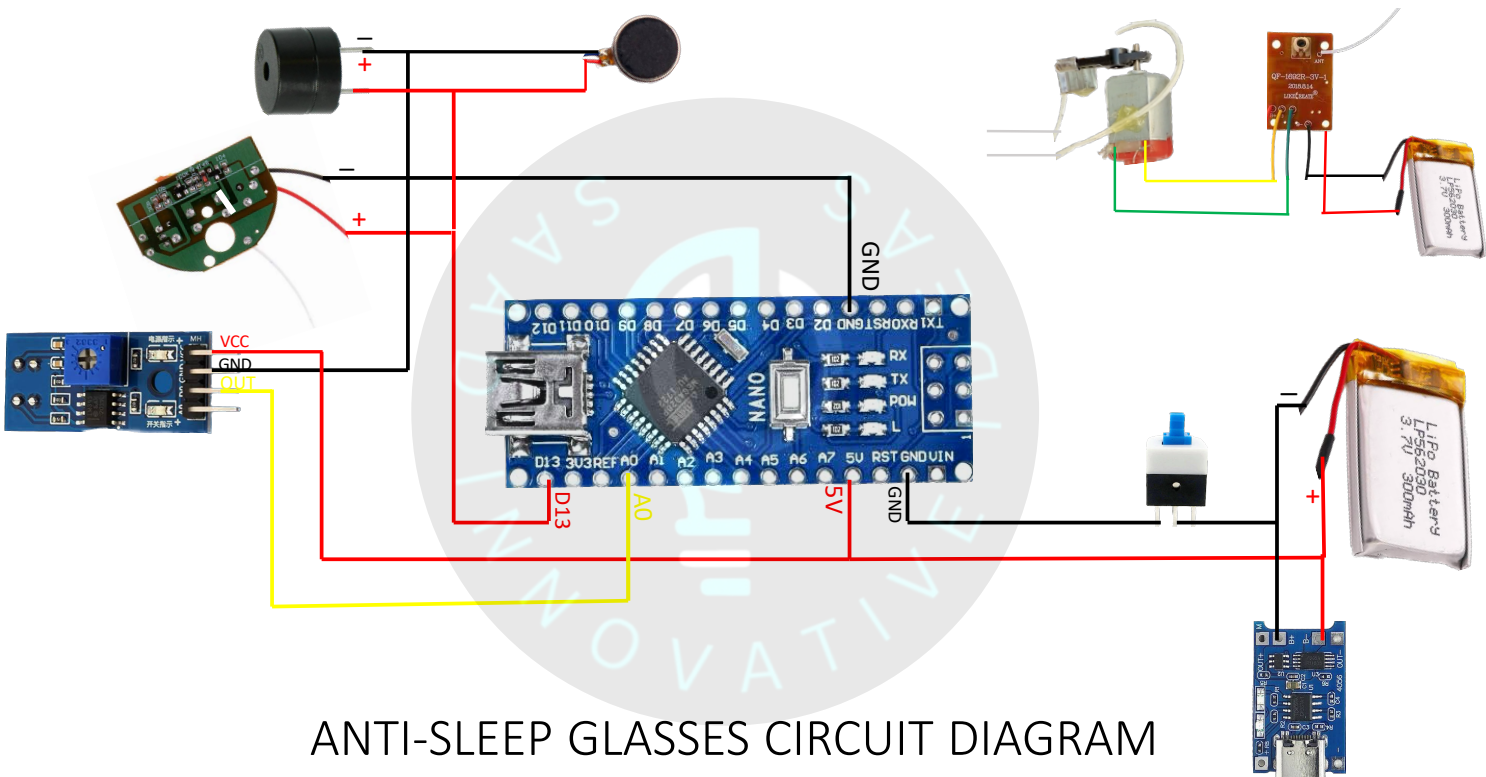
Here is the idea of **Arduino Sensitive Glasses** with easy built-up steps that leads to the invention of a project that can intelligently handle the case by automatically stopping the vehicle with a sharp alarm to awake the driver.



Also, Students can take a great advantage of the glasses while feeling drowsiness during study, the glasses will alert him/her and will not let them to sleep when wore.



Circuit Diagram



■ SKETCH

```
ANTI_SLEEP_ALARM.ino  ReadMe.adoc  ▼
1  #define SENSE A0
2
3  void setup()
4  { pinMode(SENSE, INPUT);
5    pinMode(2, OUTPUT);
6
7    pinMode(LED_BUILTIN, OUTPUT);
8  }
9  void loop()
10 {
11   if (digitalRead(SENSE))
12   {
13     digitalWrite(LED_BUILTIN, LOW);
14     pinMode(2, LOW);}
15   else
16   {
17     delay (2000);
18     if (digitalRead(SENSE))
19     {
20       digitalWrite(LED_BUILTIN, LOW);
21       pinMode(2, LOW);
22     }
23     else
24       digitalWrite(LED_BUILTIN, HIGH);
25     pinMode(2, HIGH);
26   }
```

You can copy and paste the sketch below in your Arduino software

```
#define SENSE A0

void setup()
{
  pinMode(SENSE, INPUT);
  pinMode(2, OUTPUT);

  pinMode(LED_BUILTIN, OUTPUT);
}

void loop() {

  {if(digitalRead(SENSE);
  }
  {digitalWrite(LED_BUILTIN, LOW);
  }
  {pinMode(2,LOW);}
  else
  {
    delay(2000);
    if(digitalRead(SENSE))
    }

    {digitalWrite(LED_BUILTIN,LOW);
    pinMode(2, LOW);
    }
    else
    {
      digitalWrite(LED_BUILTIN, HIGH);
      pinMode(2, HIGH);}
    }

}
```