

```
const int VoltageInPin = A0; // Analog input pin that the voltage is applied to.//

const int VoltageOutPin = 13; // Analog output pin that buzzer is attached to.//

int VoltageIn = 0;

int VoltageOut = 0;

void loop()
{
  VoltageIn = analogRead(VoltageInPin); //Vibrator Automation
  VoltageOut = map(VoltageIn, 0, 1023, 0, 255); //Maps the voltage in.
  VoltageOut = VoltageOut*.38; //Adjust the voltage to the correct value for buzzer turn on.
  analogWrite(VoltageOutPin, VoltageOut); //Writes a voltage of approximately 1.2 V to the vibrator.
  delay(1000); //Vibrates for about a second.
  analogWrite(VoltageOutPin, 0); //Stops vibrating.
  delay(2);
}
```