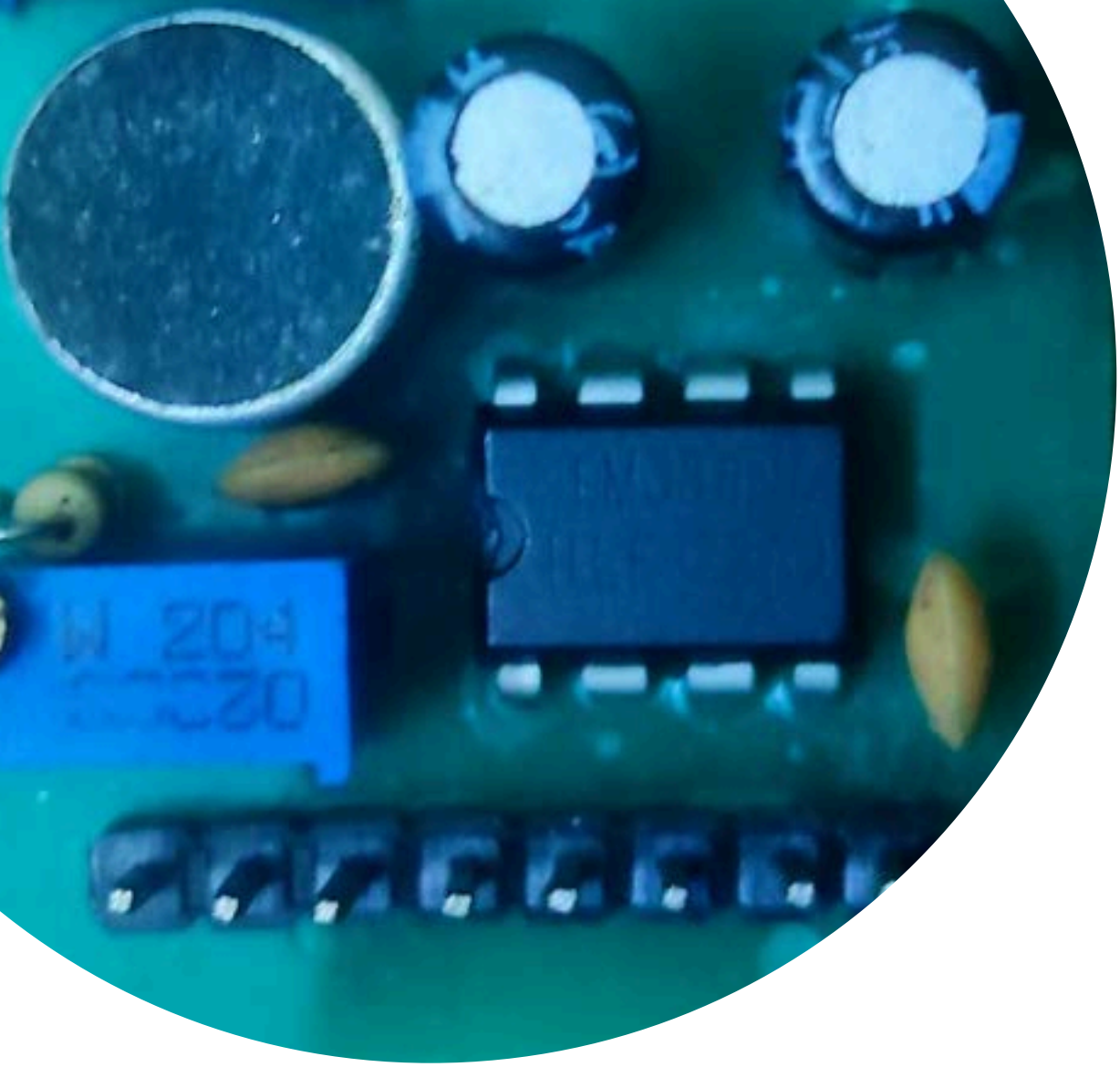


KALPRUH

KAUSH

SOUND SENSOR V1

fine/coarse sound level adjustments

sensitive to human voice

high gain amount

integration in AI projects

KAUSH

KALPRUH

SOUND SENSOR V1

Key Features

Fine and Coarse sound level adjustments

Perfect for Sound Recording and Research Projects

Can catch Frequencies in hearing range easily

Precise instrument with no calibration required

In-built LM386 amplifier of 200 GAIN

Why KAUSH?

By introducing Kaush sensor, you can experience simple plug-in your projects. It is compatible with all types of micro-controllers having ADC (Analog To Digital Convertor).

Kaush sensors are designed with form factor convenience and operatibility which allow for breadboard connection and also integration in 3D-Printed assembly.

This sensor empowers techies by allowing them to inspect each process of sound measurement by providing pins that give Input, Un-Filtered Output Filtered Output. It removes un-wanted noise using built-in RC Filter

KAUSH

KALPRUH

SOUND SENSOR V1

Specification

Peak To Peak :3.5V

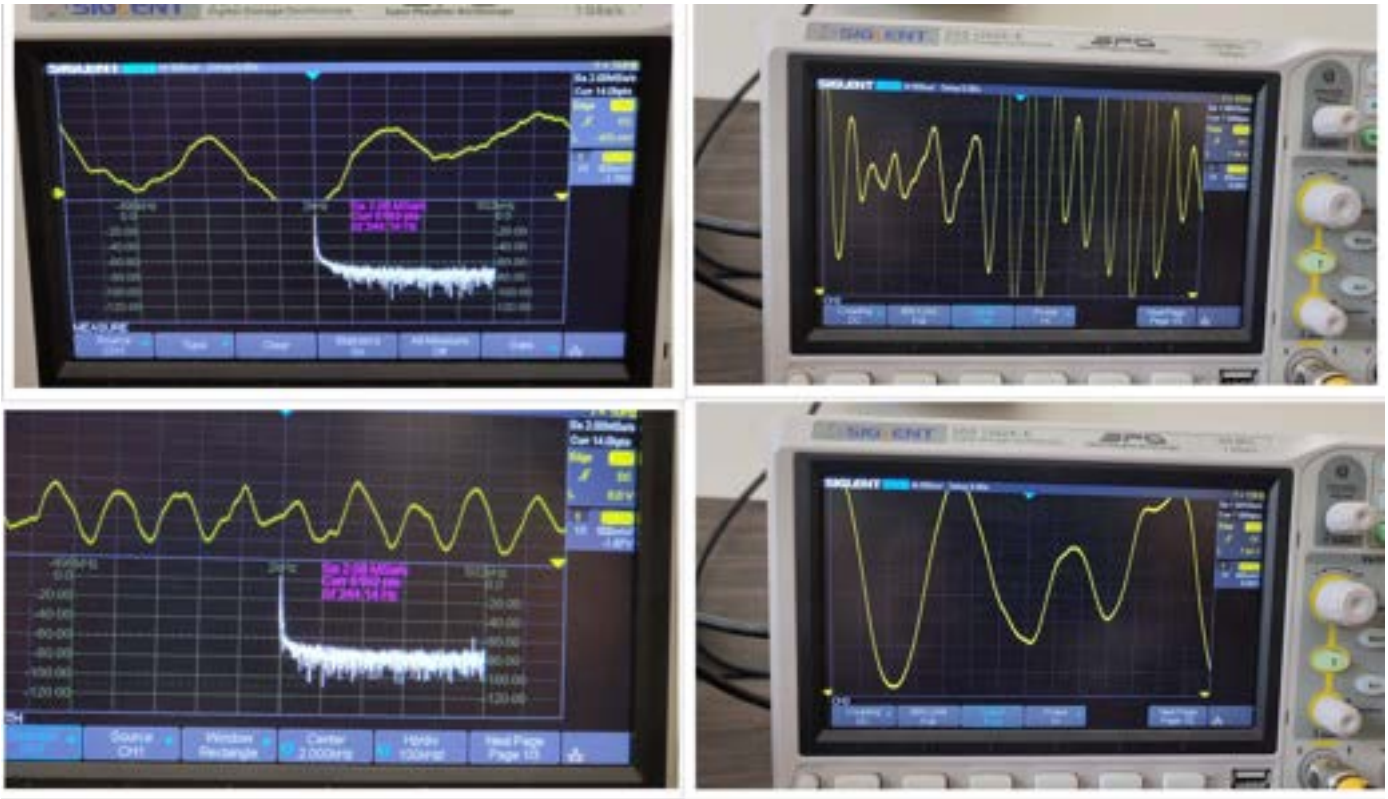
Power Supply (min):4V

Power Supply (max):12V

Amplifier Type: LM386N Series

Board Size : 34mm * 33.5mm

Sensor Outputs



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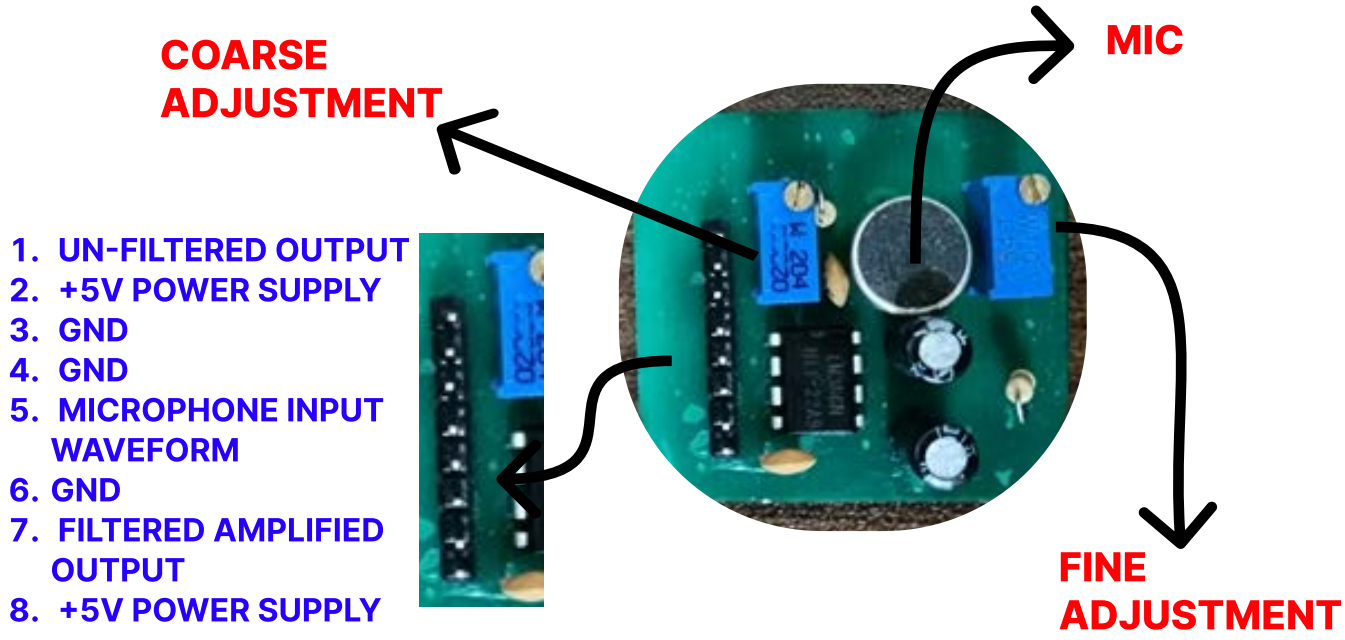
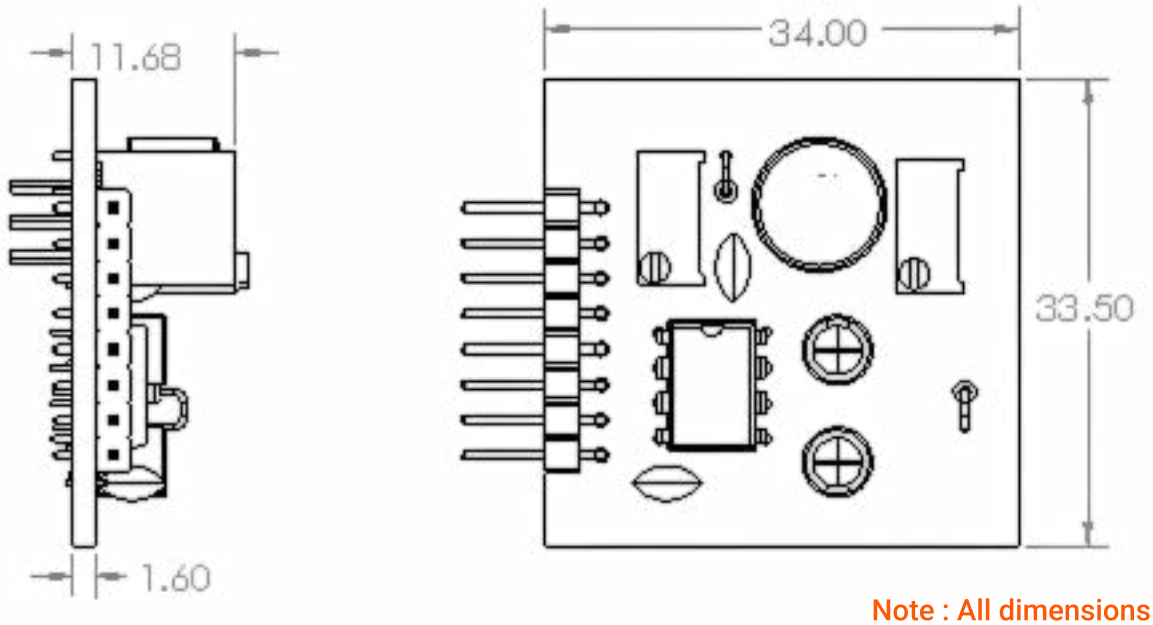
Pinouts



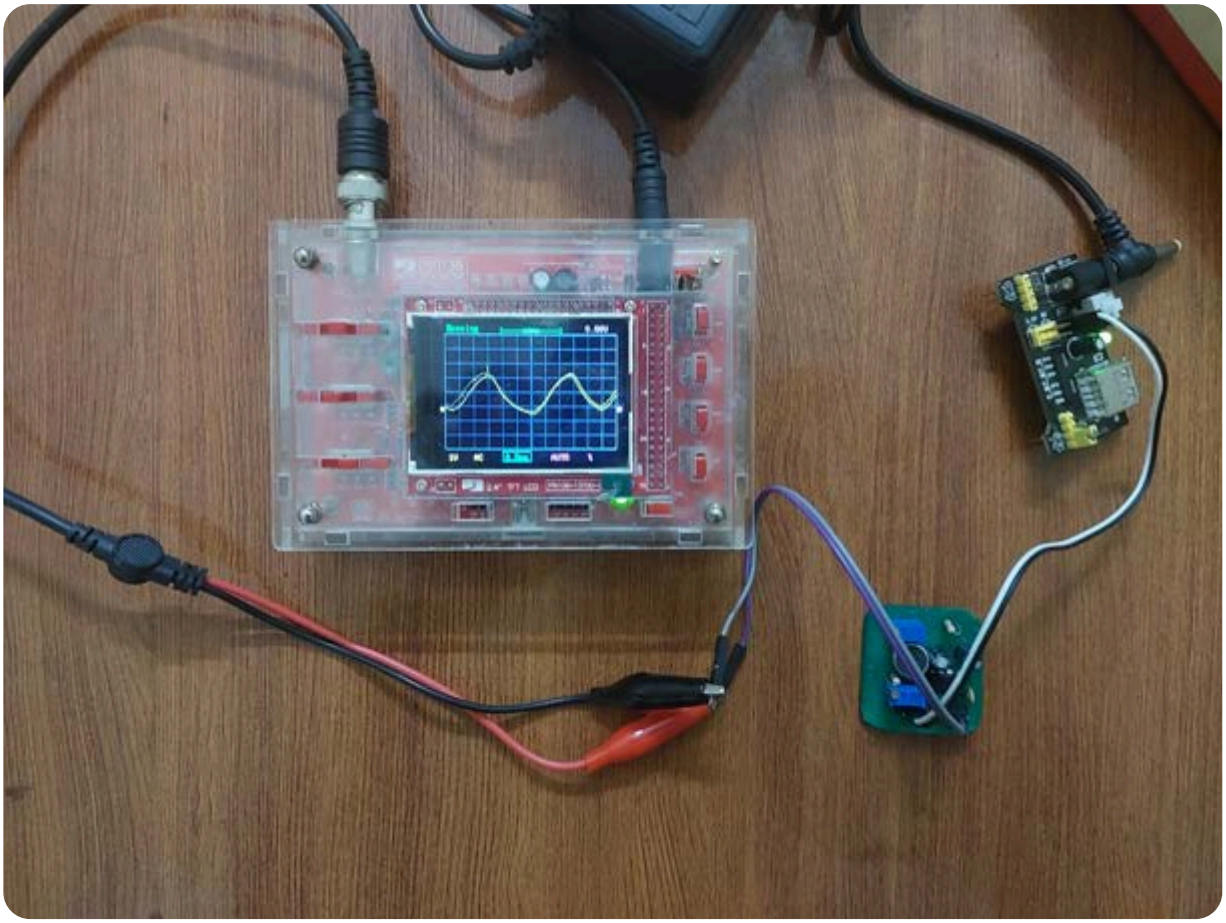
Drawings



Note : All dimensions are in mm

SOUND SENSOR V1

Setup



Safety Instructions

This power pins of the sensor should be connected properly , if by chance they are interchanged then it may cause the IC to heat up and get damaged.

The Electret Condensor mic is a sensitive component of the product and should be handled carefully.

Make sure to use a stable power supply and should not have voltage spikes .

Any short circuit in the product may decrease its functionality.

You can connect this sensor with any other micro-controllers like Arduino, ESP32 and Raspberry PI. Make sure to connect ground of sensor and of controller.

SOUND SENSOR V1

Do not expose the module to electrostatic discharge (ESD), extreme heat, or moisture.

The potentiometer present are sensitive and precise instruments which should be handled carefully.

Disclaimer Notice and Licensing

The product described is intended solely for educational, research, development, and prototyping use. It is not certified for deployment in life-support, critical safety systems, or any application where failure could cause harm to persons or property.
Kalpruh shall not be liable for any direct, indirect, incidental, or consequential damages arising out of the use or inability to use the product or documentation, even if advised of the possibility of such damages.

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