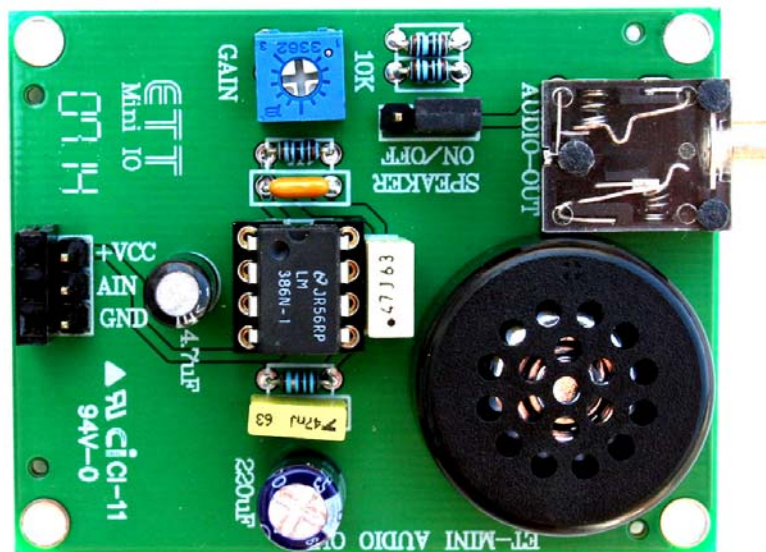


**MR-MINI-AUDIO™ Mini Audio Output BOARD  
User Manual**

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# MR-MINI-AUDIO™ Mini Audio Output BOARD User Manual

## Description

The MR-MINI-AUDIO is a mini amplifier with speaker board that receives input as the analog audio signal. The signal then amplifies and sends out through speaker. Moreover, there is a stereo jack that can be interfaced with headphone or external amplifier. PCB size is 2.20" x 1.70"

## Specifications:

- Mini speaker model number PB-2015
- Receive signal as analog input
- Auto-cut audio of speaker PB-2015 on board when stereo jack is inserted.
- Amplifier circuit is using LM386 IC
- Adjustable gain of the amplifier circuit
- Male and Female header inputs.
- Small in size



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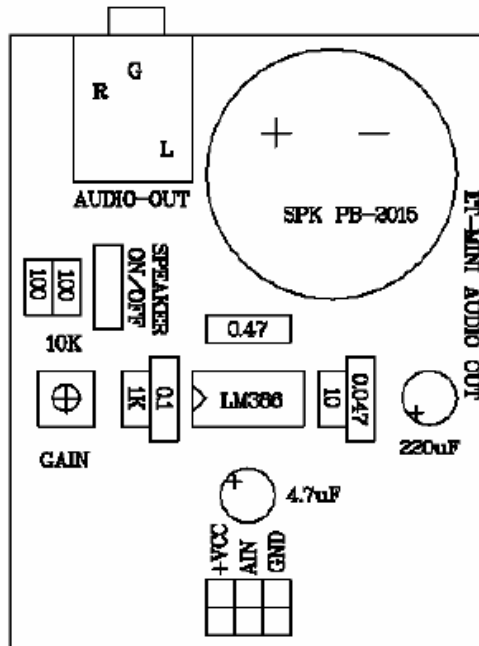


FIG 1: MR-MINI-AUDIO Board Layout

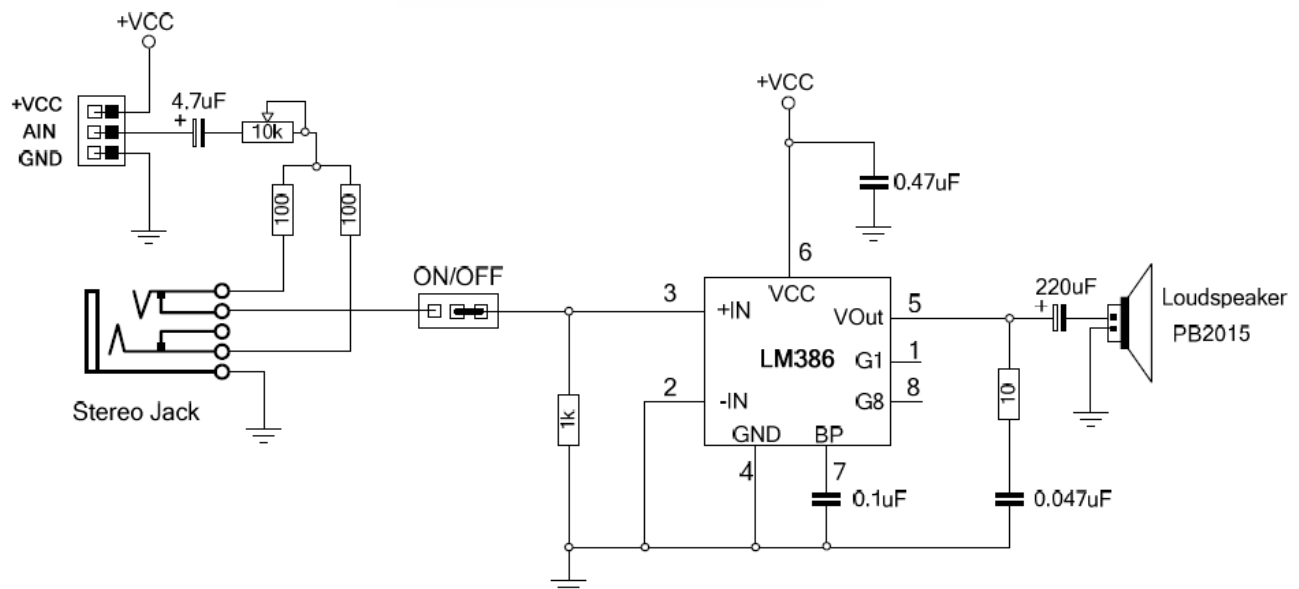


FIG 2: MR-MINI-AUDIO Schematic

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## **Notes**

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