

Lm386 Low Voltage Audio Power Amplifier Datasheet Catalog

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The LM386 is a mono low voltage amplifier that can be used in a variety of applications. It can drive loads from 4 Ω to 32 Ω . The gain is internally set to 20 but it can be modified from 20 to 200 by placing a resistor and capacitor between pins 1 and 8. This device comes in three different 8-pin packages as PDIP, SOIC and VSSOP

LM386 Low Voltage Audio Power Amplifier datasheet (Rev. C)

The LM386M-1 and LM386MX-1 are power amplifiers designed for use in low voltage consumer applications. The gain is internally set to 20 to keep external part count low, but the addition of an external resistor and capacitor between pins 1 and 8 will increase the gain to any value from 20 to 200.

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[LM386 data sheet, product information and support | TI.com](#)

The LM386 is a power amplifier designed for use in low voltage consumer applications. The gain is internally set to 20 to keep external part count low, but the addition of an external resistor and capacitor between pins 1 and 8 will increase the gain to any value up to 200. The inputs are ground referenced while the output is auto-matically biased to one half the supply voltage. The quies-cent power drain is only 24 milliwatts when operating from a

[LM386 Low Voltage Audio Power Amplifier - Echelle Inconnue](#)

LM386. LM386 Low Voltage Audio Power Amplifier Literature Number: SNAS545A. LM386 Low Voltage Audio Power Amplifier. General Description. The LM386 is a power amplifier designed for use in low volt- age consumer applications. The gain is internally set to 20 to keep external part count low, but the addition of an external resistor and capacitor between pins 1 and 8 will increase the gain to any value from 20 to 200.

[LM386 Low Voltage Audio Power Amplifier \(Rev. A\)](#)

LM386 is an audio amplifier that utilizes very low power. This IC takes an input voltage from devices (like microphone, radio or guitar, etc.) and amplifies them to a tens or hundreds times magnitude of input signal for driving loudspeakers. It can drive loads from 4 to 32 .

[LM386 Low Voltage Audio Power Amplifier](#)

The circuit and PCB Design of Low Power Audio Amplifier using LM386 is posted here which used to drive at most audio power of 1 Watt. LM386 is an low voltage, battery operated power amplifier designed for application where low voltage is main concern. The main advantage of using LM386 is it does not requires any ground reference voltage and it ' s output is automatically biased to 1/2 of supply voltage.

[Low Power Audio Amplifier Using LM386 - Engineering Projects](#)

The LM386 is an integrated circuit containing a low voltage audio power amplifier. It is suitable for battery-powered devices such as radios, guitar amplifiers, and hobby electronics projects. The IC consists of an 8 pin dual in-line package (DIP-8) and can output 0.25 to 1 watts of power depending on the model using a 9-volt power supply.

[LM386 - Wikipedia](#)

LM386 Low Voltage Audio Power Amplifier. General Description. The LM386 is a power amplifier designed for use in low volt- age consumer applications. The gain is internally set to 20 to keep external part count low, but the addition of an external resistor and capacitor between pins 1 and 8 will increase the gain to any value from 20 to 200.

[LM386 Low Voltage Audio Power Amplifier](#)

General Description: The LM386 is a power amplifier designed for use in low voltage consumer applications. The gain is internally set to 20

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to keep external part count low, but the addition of an external resistor and capacitor between pins 1 and 8 will increase the gain to any value from 20 to 200. The inputs are ground referenced while the output automatically biases to one-half the supply voltage.

LM386N-1 (Low Voltage Audio Power Amplifier) - RAM Electronics

LM 386 Low Voltage Audio Power Amplifier First, let us look into detail on the chip, LM 386. LM 386 is available in Dual in-line Package (DIP8) and Small Outline Integrated Circuit (SOIC8) package where DIP is the through hole version while SOIC is the SMD version. Some of the features of LM 386 Audio Power Amplifier:

LM386 Low Voltage Audio Power Amplifier – Zx Lee

The integrated chip LM386 is a low power audio frequency amplifier requiring a low level power supply (most often batteries). It comes in an 8-pin mini-DIP package. The IC is designed to deliver a voltage amplification of 20 without external add-on parts. But this voltage gain can be raised up to 200 ($V_u = 200$) by adding external parts.

LM386 Audio Amplifier Circuit - ElectroSchematics.com

LM386 amp belongs to a sort of low voltage audio power amplifier, which is an electronic amplifier that amplifies low-power electronic audio signals such as the signal from radio receiver or electric guitar pickup to a level that is high enough for driving loudspeakers or headphones.

LM386 Datasheet and Pinout - Low Voltage Audio Power ...

It is the IC including a low voltage audio power amplifier. This IC was initially invented by Ernie Leroy Long in the year 1969 and the first application of this device was as a fuel injection system in the Ford car. There exist various models of LM386 that have somewhat different specifications.

LM386 Audio Amplifier : Circuit, Biasing Conditions & Its ...

The LM386 is a low power audio frequency amplifier which is very commonly used in small audio amplifiers. The IC consumes very less power and hence can be operated using a 9V battery easily. It can easily drive an 8-ohm speaker with a variable gain of 20 to 200. Volume control and gain control is also possible in this.

IC - LM386 - Low Voltage Audio Power Amplifier

Low Voltage Audio Power Amplifier, LM386 datasheet, LM386 circuit, LM386 data sheet : NSC, alldatasheet, datasheet, Datasheet search site for Electronic Components and Semiconductors, integrated circuits, diodes, triacs, and other semiconductors.

LM386 Datasheet(PDF) - National Semiconductor (TI)

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LM386 Low Voltage Power Audio Amplifiers 1 Channel ... - eBay

National Semiconductor LM386N-1 Semiconductor, Low Voltage, Audio Power Amplifier, Dip-8, 3mm H x 6.35 mm W x 9.27 mm L (Pack of 10), 6.35 millimeters width, 9.27 millimeters Length, Volts (Pack of 10). Product type - audio amplifier. Pin count - 8.

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