

General Description

The AS4568 consists of two low noises, high performance operational amplifiers. It is especially suitable for applications in differential-in, differential-out as well as in industrial measurement tools and applications where gain and phase matched channels is mandatory. The IC features monolithic silicon chip, internal frequency compensation, low noise, low distortion, wide operating voltage range, high gain and high bandwidth.

The AS4568 can operate under dual power supply voltage up to $\pm 18V$ or single power supply up to 36V. The AS4568 is available in MSOP-8 and DFN3x3-8 package.

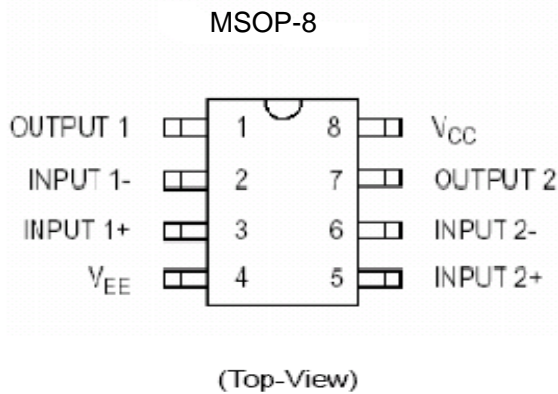
Feature

- Operating Voltage: $\pm 2V$ to $\pm 18V$
- Large DC Voltage Gain: 100 dB Typical
- Low Input Noise Voltage: $1\mu VRMS$ Typical
- Wide Gain Bandwidth Product: 2.8 MHz Typical
- Slew Rate: 1 V/ μs Typical

Applications

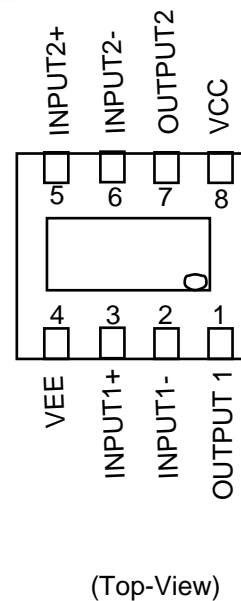
- Audio AC-3 Decoder System
- Audio Amplifier
- AC/DC Converter

Pin Configuration



Pin Configuration

DFN3x3-8



Order Information

Order Number	Package	Packing
AS4568D/TR-LF	MSOP-8	Tape & Reel, MPQ=2500
AS4568F/TR-LF	DFN3x3-8	Tape & Reel, MPQ=5000