

General Description

The AS4558 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 AS4558 can operate under dual power supply voltage up to $\pm 18V$ or single power supply up to 36V. The AS4558 is available in DIP-8 and SOP-8 package.

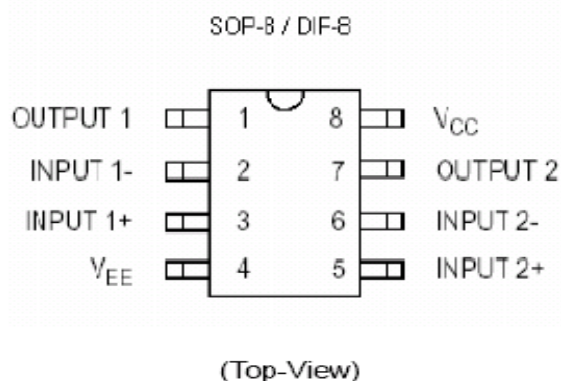
Feature

- Operating Voltage: $\pm 2V$ to $\pm 18V$
- Large DC Voltage Gain: 100 dB Typical
- Low Input Noise Voltage: $1\mu V_{RMS}$ Typical
- Wide Gain Bandwidth Product: 3.5 MHz Typical
- Slew Rate: $1.5V/\mu s$ Typical

Applications

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

Pin Configuration



Package Types



Order Information

Order Number	Package	Packing	Remark
AS4558D/TR-LF	SOP-8	Tape & Reel, MPQ=2500	Lead-Free
AS4558P/TR-LF	DIP-8	Tube, MPQ=50	Lead-Free