

## Dual Single-Supply Audio Operational Amplifier

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	SOIC-8
Product Type	Amplifier ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for SSM2135S or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

SSM2135S is an operational amplifier (op-amp) manufactured by Analog Devices. It is a low noise, high precision op-amp with a wide bandwidth and low distortion. The SSM2135S is a dual op-amp, which means that it contains two separate op-amps in a single package.

## Features

**Low noise:** The SSM2135S has a low noise voltage density of 2.2 nV/ $\sqrt{\text{Hz}}$ , making it suitable for high-quality audio applications.

**High precision:** The op-amp has a low input offset voltage of 150  $\mu\text{V}$  and a low input bias current of 500 pA, which helps to maintain accuracy in precision circuits.

**Wide bandwidth:** The SSM2135S has a bandwidth of 12 MHz, allowing it to handle high-frequency signals with ease.

**Low distortion:** The op-amp has a low total harmonic distortion (THD) of 0.001%, which helps to maintain signal integrity.

## Application

Audio preamplifiers

Active filters

Instrumentation amplifiers

Signal conditioning circuits



**Related Products**



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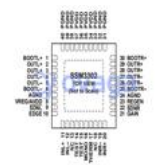
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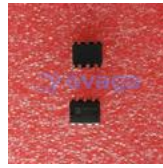
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