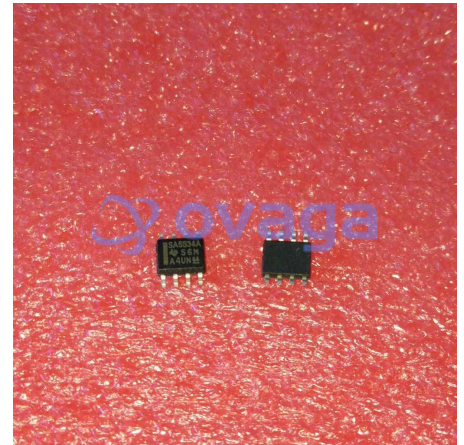


Single Low-Noise Operational Amplifier; Package: SOIC-8 Narrow Body; No of Pins: 8; Container: Rail; Qty per Container: 98, Op Amps Low-Noise Oper Amplifier

Manufacturers	<u>ON Semiconductor, LLC</u>
Package/Case	SOIC-8
Product Type	Amplifier ICs
RoHS	Green
Lifecycle	



Images are for reference only

Please submit RFQ for SA5534AD or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

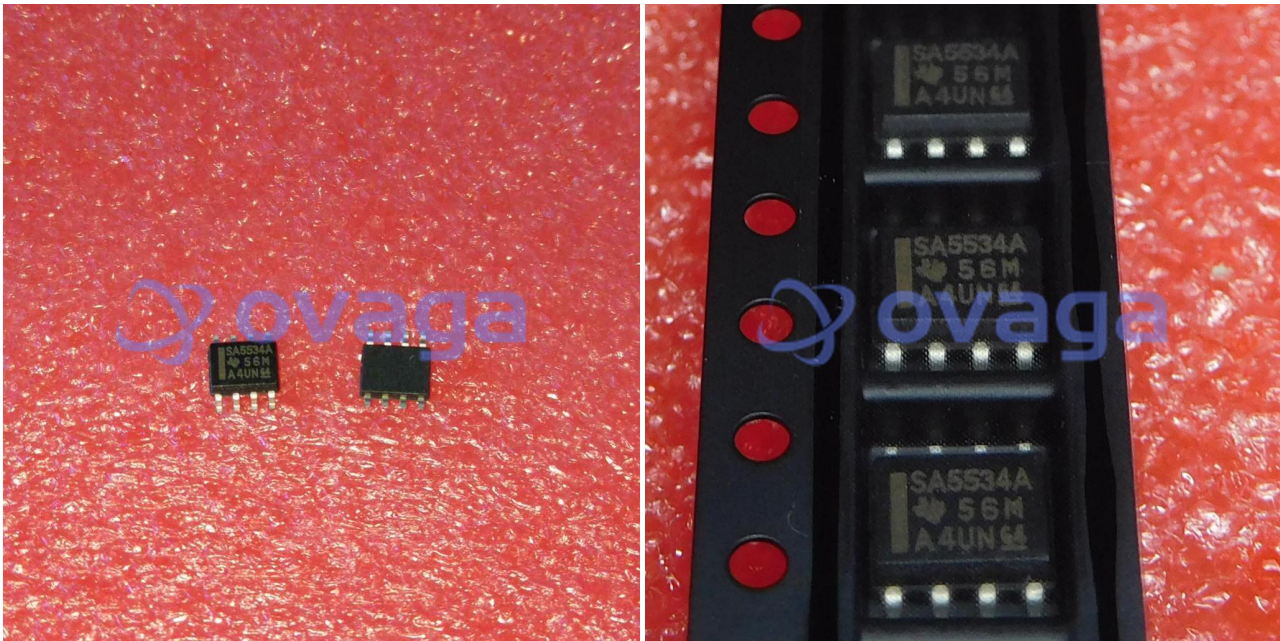
The NE/SA/SE5534/5534A are single high-performance low noise op-amps. Compared to other op-amps, such as TL083, they show better noise performance, improved output drive capability, and considerably higher small-signal and power bandwidths. This makes the devices especially suitable for application in high quality and professional audio equipment, in instrumentation and control circuits and telephone channel amplifiers. The op-amps are internally compensated for gain equal to, or greater than, three. The frequency response can be optimized with an external compensation capacitor for various applications (unity gain amplifier, capacitive load, slew rate, low overshoot, etc.).

## Features

- Small-Signal Bandwidth: 10 MHz
- Output Drive Capability: 600 Ω, 10 VRMS at >
- Input Noise Voltage: 4 nV/(Hz)<sup>0.5</sup>
- DC Voltage Gain: 100000
- AC Voltage Gain: 6000 at 10 kHz
- Power Bandwidth: 200 kHz
- Slew Rate: 13 V/μs
- Large Supply Voltage Range: ±3.0 to ±20 V

## Application

ONSEMI



### Related Products



#### [SA5534ANG](#)

ON Semiconductor, LLC  
PDIP-8



#### [SA5534ADR2G](#)

ON Semiconductor, LLC  
SOIC-8



#### [SA5534ADG](#)

ON Semiconductor, LLC  
SOIC-8



#### [SA5534AN](#)

ON Semiconductor, LLC  
PDIP-8



#### [SA5534ADR2](#)

ON Semiconductor, LLC  
SOIC-8



#### [SA5534NG](#)

ON Semiconductor, LLC  
PDIP-8



#### [TCA0372BDPIG](#)

ON Semiconductor, LLC  
PDIP-8



#### [NCV3320VDR2G](#)

ON Semiconductor, LLC  
SOIC-8