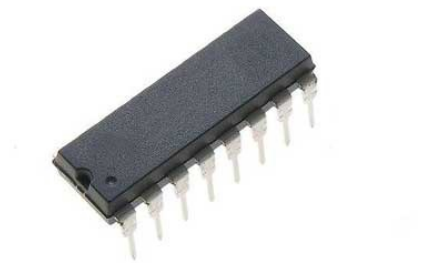


Dual Channel, High Performance Gain Control Compandor; Package: PDIP-16; No of Pins: 16; Container: Rail; Qty per Container: 25,Special Purpose Audio Amplifiers Dual Channel Hi Perf

Manufacturers	ON Semiconductor, LLC
Package/Case	PDIP-16
Product Type	Audio ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for SA572N or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The SA572 Compandor is a dual-channel, high-performance gain control circuit in which either channel may be used for dynamic range compression or expansion. Each channel has a full-wave rectifier to detect the average value of input signal, a linearized, temperature compensated variable gain cell (DELTA_G) and a dynamic time constant buffer. The buffer permits independent control of dynamic attack and recovery time with minimum external components and improved low frequency gain control ripple distortion over previous compandors. The SA572 is intended for noise reduction in high-performance audio systems. It can also be used in a wide range of communication systems and video recording applications.

Features

Independent Control of Attack and Recovery Time

Improved Low Frequency Gain Control Ripple

Complementary Gain Compression and Expansion with External Op Amp

Wide Dynamic Range – Greater than 110 dB

Temperature-Compensated Gain Control

Low Distortion Gain Cell

Low Noise 6.0 μ V Typical

Wide Supply Voltage Range – 6.0 V-22 V

System Level Adjustable with External Components

Application

ONSEMI

Related Products



[SA571N](#)

ON Semiconductor, LLC
DIP-16



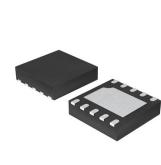
[SA571NG](#)

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PDIP-16



[SA571DG](#)

ON Semiconductor, LLC
SOIC-16



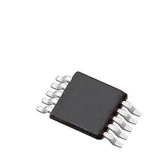
[FSA221UMX](#)

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MLP-10



[SA572DTBR2](#)

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TSSOP-16



[FSA221MUX](#)

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