

Companor, Special Purpose Audio Amplifiers Dual Gain Companor Industrial Temp

Manufacturers	<a href="#">ON Semiconductor, LLC</a>
Package/Case	PDIP-16
Product Type	Audio ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for SA571NG or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

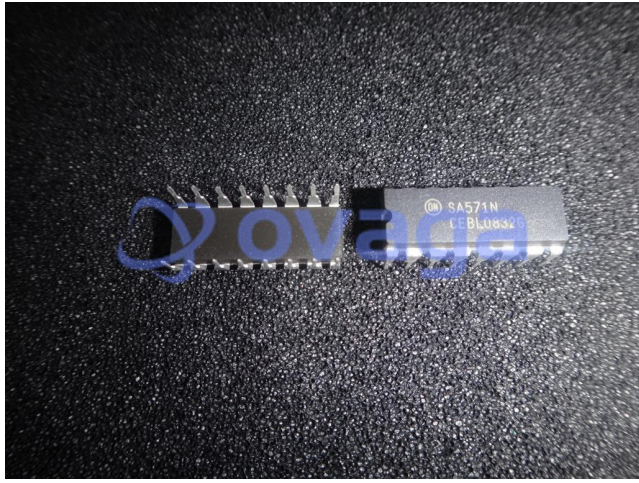
The SA571 Companor is a versatile low cost dual gain control circuit in which either channel may be used as a dynamic range compressor or expander. Each channel has a full-wave rectifier to detect the average value of the signal, a linearized temperature-compensated variable gain cell, and an operational amplifier. The SA571 is well suited for use in cellular radio and radio communications systems, modems, telephone, and satellite broadcast/receive audio systems.

## Features

- Complete Compressor and Expander in one IC
- Temperature Compensated
- Greater than 110 dB Dynamic Range
- Operates Down to 6.0 VDC
- System Levels Adjustable with External Components
- Distortion may be Trimmed Out
- Dynamic Noise Reduction Systems
- Voltage-controlled Amplifier

## Application

ONSEMI



## Related Products



### [SA571N](#)

ON Semiconductor, LLC  
DIP-16



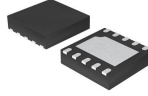
### [SA571DG](#)

ON Semiconductor, LLC  
SOIC-16



### [SA572N](#)

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PDIP-16



### [FSA221UMX](#)

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### [SA572DTBR2](#)

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### [FSA221MUX](#)

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### [SA572DTBG](#)

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### [SA572DTB](#)

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