

Companor, Special Purpose Audio Amplifiers Dual Gain Companor Industrial Temp

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



Images are for reference only

Please submit RFQ for SA571DG 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



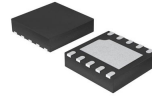
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