

2-Channel Dual ADC Pipelined 28MSPs 8-bit Parallel 28-Pin SSOP Tube

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	SSOP28
Product Type	Data Conversion ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for AD9281ARSZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The AD9281 is a complete dual channel, 28 MSPS, 8-bit CMOS ADC. The AD9281 is optimized specifically for applications where close matching between two ADCs is required (e.g., I/Q channels in communications applications). The 28 MHz sampling rate and wide input bandwidth will cover both narrow band and spread-spectrum channels. The AD9281 integrates two 8-bit, 28 MSPS ADCs, two input buffer amplifiers, an internal voltage reference and multiplexed digital output buffers.

## Features

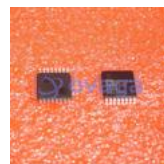
Complete Dual Matching ADC  
 Low Power Dissipation: 225 mW (+3 V Supply)  
 Single Supply: 2.7 V to 5.5 V  
 Differential Nonlinearity Error: 0.1 LSB  
 On-Chip Analog Input Buffers  
 On-Chip Reference  
 Signal-to-Noise Ratio: 49.2 dB  
 Over Seven Effective Bits  
 Spurious-Free Dynamic Range: -65 dB  
 No Missing Codes Guaranteed  
 28-Lead SSOP

## Related Products



[ADAS3022BCPZ](#)

Analog Devices, Inc  
 LFCSP-40



[AD7266BSUZ](#)

Analog Devices, Inc  
 TQPF-32



[AD574AJNZ](#)

Analog Devices, Inc  
 PDIP-28



[AD7401YRWZ](#)

Analog Devices, Inc  
 SOIC-16



[AD7938BSUZ](#)

Analog Devices, Inc  
TQFP-32



[AD7192BRUZ-REEL](#)

Analog Devices, Inc  
TSSOP-24



[AD7124-8BCPZ-RL7](#)

Analog Devices, Inc  
LFCSP-32



[AD9680BCPZ-500](#)

Analog Devices, Inc  
LFCSP-64