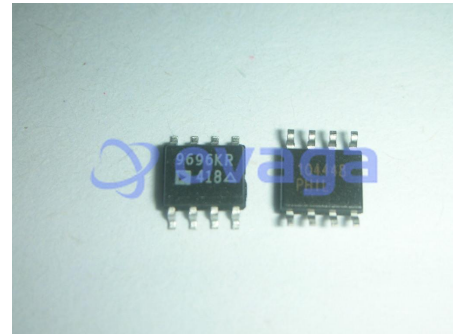


## Ultrafast TTL Comparators

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	SOP-8
Product Type	Comparator ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for AD9696KR or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

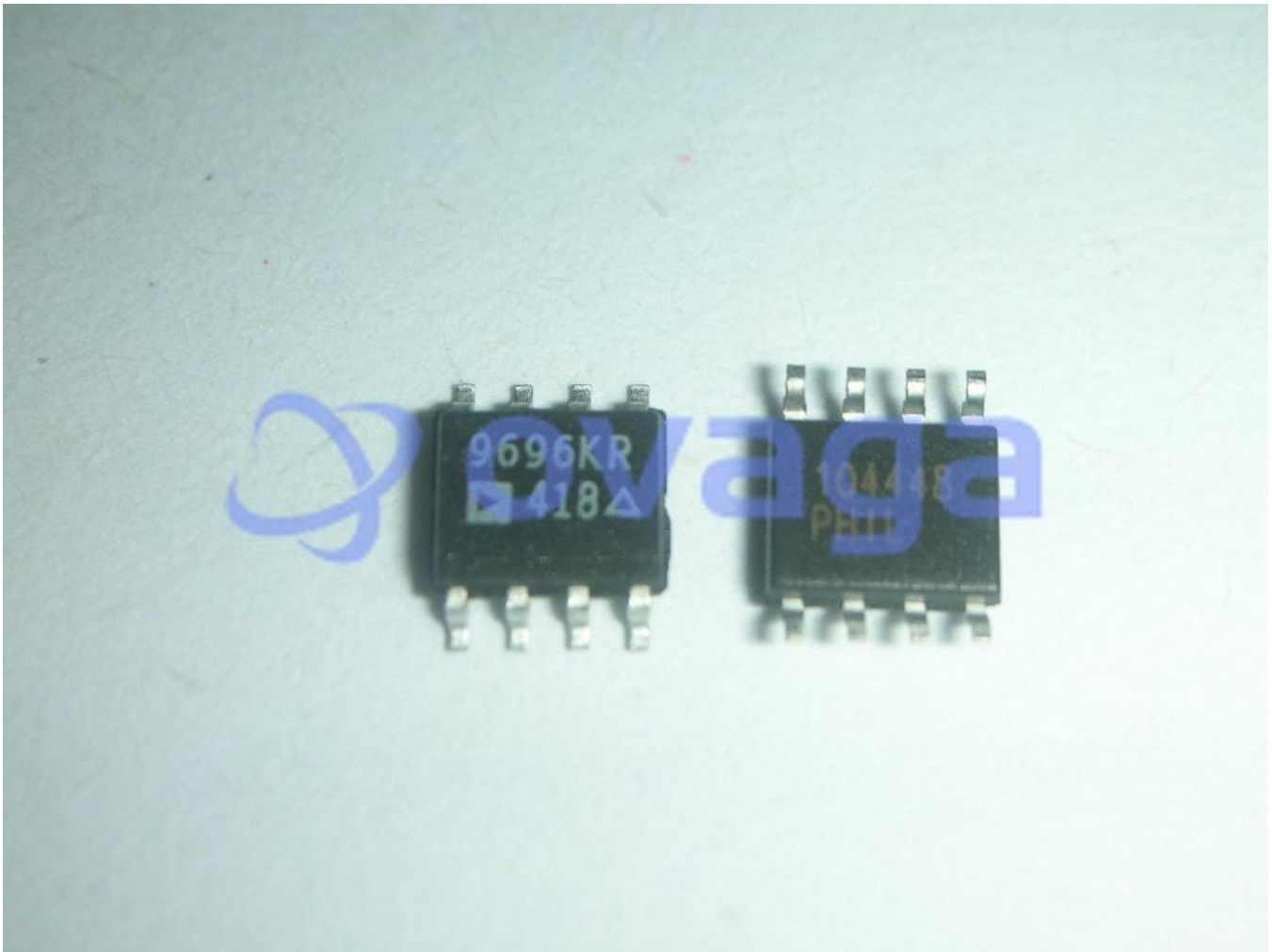
AD9696KR is a high-speed analog-to-digital converter (ADC) produced by Analog Devices Inc. It is a 14-bit ADC with a sampling rate of up to 1 GSPS (Giga Samples Per Second) and is designed for use in various high-performance applications that require high-speed, high-resolution analog-to-digital conversion.

### Features

- 14-bit resolution
- Sampling rate up to 1 GSPS
- Wide input bandwidth of 9 GHz
- Low power consumption of 2.2 W
- JESD204B interface
- Excellent noise performance

### Application

- Wireless infrastructure
- Defense electronics
- Test and measurement equipment
- High-speed data acquisition
- Radar systems



## Related Products



[ADCMP573BCPZ](#)

Analog Devices, Inc  
QFN



[AD96687BQ](#)

Analog Devices, Inc  
CDIP-16



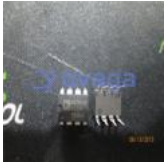
[AD790SQ](#)

Analog Devices, Inc  
CDIP-8



[AD790JRZ](#)

Analog Devices, Inc  
SOIC-8



[AD790JN](#)

Analog Devices, Inc  
PDIP-8



[AD9687BD](#)

Analog Devices, Inc  
DIP16



[AD9696TQ](#)

Analog Devices, Inc  
CDIP-8



[AD8561AR](#)

Analog Devices, Inc  
SOP-8