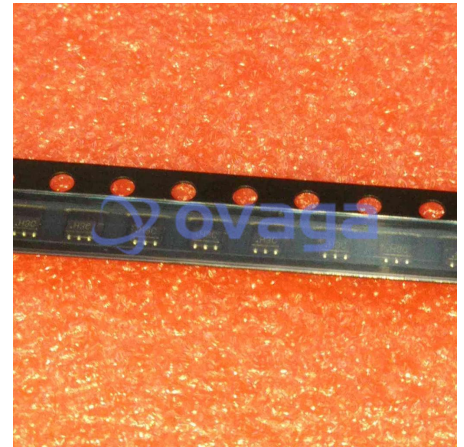


Operational Amplifier, Single, 1 Amplifier, 80 MHz, 80 V/ $\mu$ s, 5V to 24V, SC-70, 5 Pins

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	SC70-5
Product Type	Amplifier ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for AD8033AKSZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

AD8033AKSZ is a high-speed voltage feedback amplifier manufactured by Analog Devices. It is a high-performance operational amplifier that is designed for applications that require high-speed and low-distortion signal processing.

### Features

**High-speed performance:** it has a -3dB bandwidth of 300MHz, and a slew rate of 2000V/ $\mu$ s, making it ideal for applications requiring high-speed signal processing.

**Low distortion:** It has a low distortion of -72dBc at 20MHz, and -75dBc at 5MHz, which makes it ideal for use in applications that require high precision and accuracy.

**Low noise:** It has a low noise of 2.9nV/ $\sqrt$ Hz, making it suitable for applications that require high sensitivity and low noise.

**Wide supply voltage range:** It has a wide supply voltage range of  $\pm 2.5V$  to  $\pm 12V$ , making it suitable for use in a wide range of applications.

**Small package size:** It comes in a small MSOP package, making it ideal for use in space-constrained applications.

### Application

High-speed signal processing

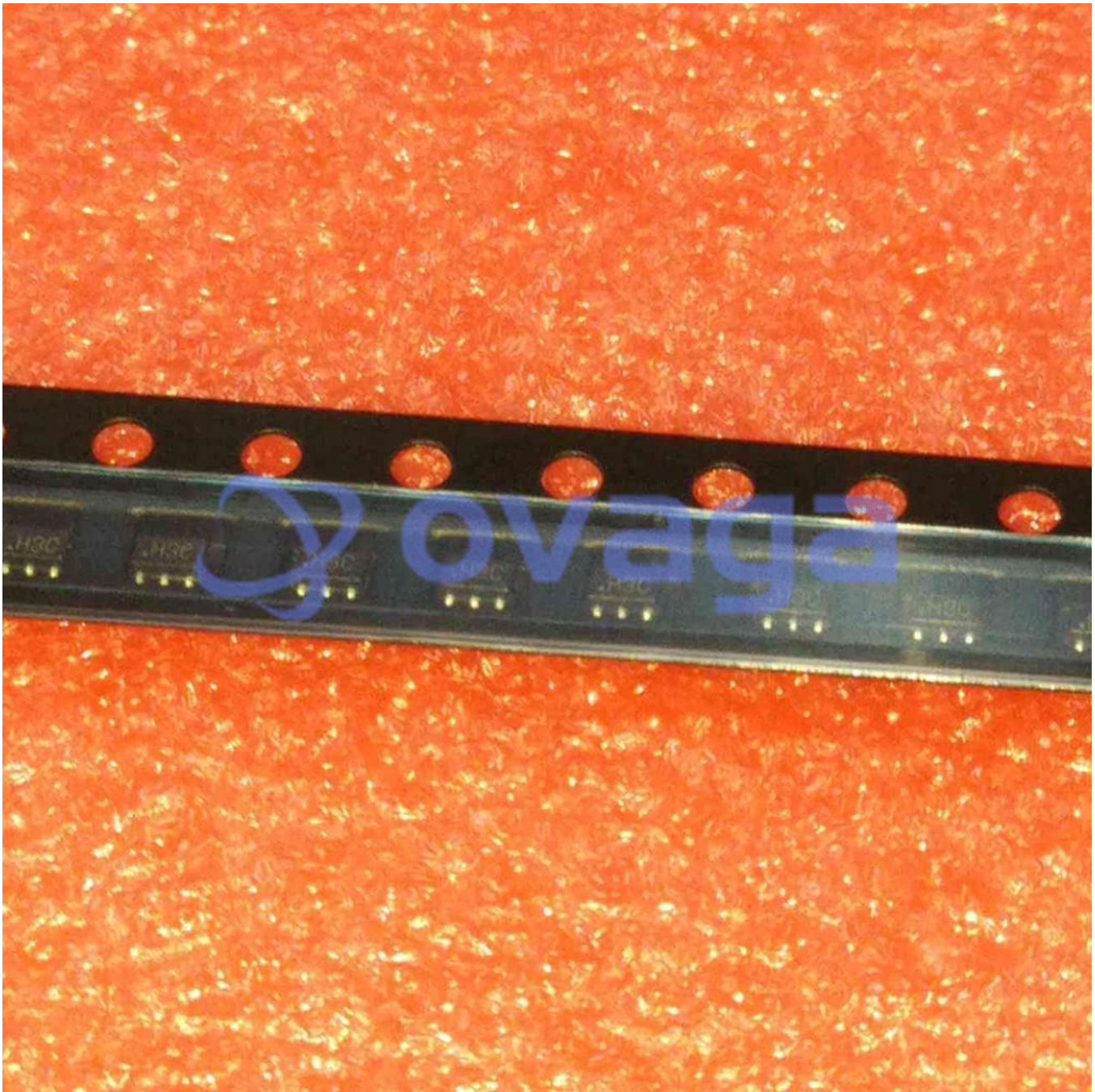
RF and IF signal processing

Video amplifiers and filters

High-speed data acquisition systems

High-speed pulse amplifiers

Photodiode amplifiers

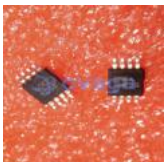


### Related Products



[AD8418BRMZ-RL](#)

Analog Devices, Inc  
MSOP-8



[ADA4084-2ARMZ](#)

Analog Devices, Inc  
MSOP-8



[ADA4528-2ARMZ-R7](#)

Analog Devices, Inc  
MSOP-8



[AD8062ARMZ](#)

Analog Devices, Inc  
MSOP8



[AD8567ARUZ](#)

Analog Devices, Inc  
TSSOP-14



[AD8628AUJZ](#)

Analog Devices, Inc  
SOP23



[AD8022ARMZ](#)

Analog Devices, Inc  
MSOP-8



[AD8041AR](#)

Analog Devices, Inc  
SOP-8