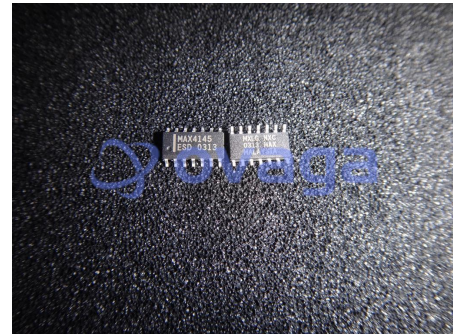


## Special purpose amplifiers

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	SOP-14
Product Type	Amplifier ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for MAX4145ESD or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

MAX4145ESD is a high-speed, low-power, single-supply, precision op-amp from Maxim Integrated. This op-amp is designed to provide precision amplification of small signals in high-frequency applications.

### Features

Low voltage noise density of  $3.8\text{nV}/\sqrt{\text{Hz}}$  at 1kHz

Low current noise density of  $0.2\text{fA}/\sqrt{\text{Hz}}$  at 1kHz

Low offset voltage of  $250\mu\text{V}$  (max)

Unity-gain bandwidth of 150MHz (typ) and a slew rate of  $200\text{V}/\mu\text{s}$  (typ)

Single-supply operation from 4.5V to 36V and a temperature range from  $-40^\circ\text{C}$  to  $+125^\circ\text{C}$

Available in a small SOT-23-5 package

### Application

High-speed instrumentation and signal processing

Active filters and equalizers

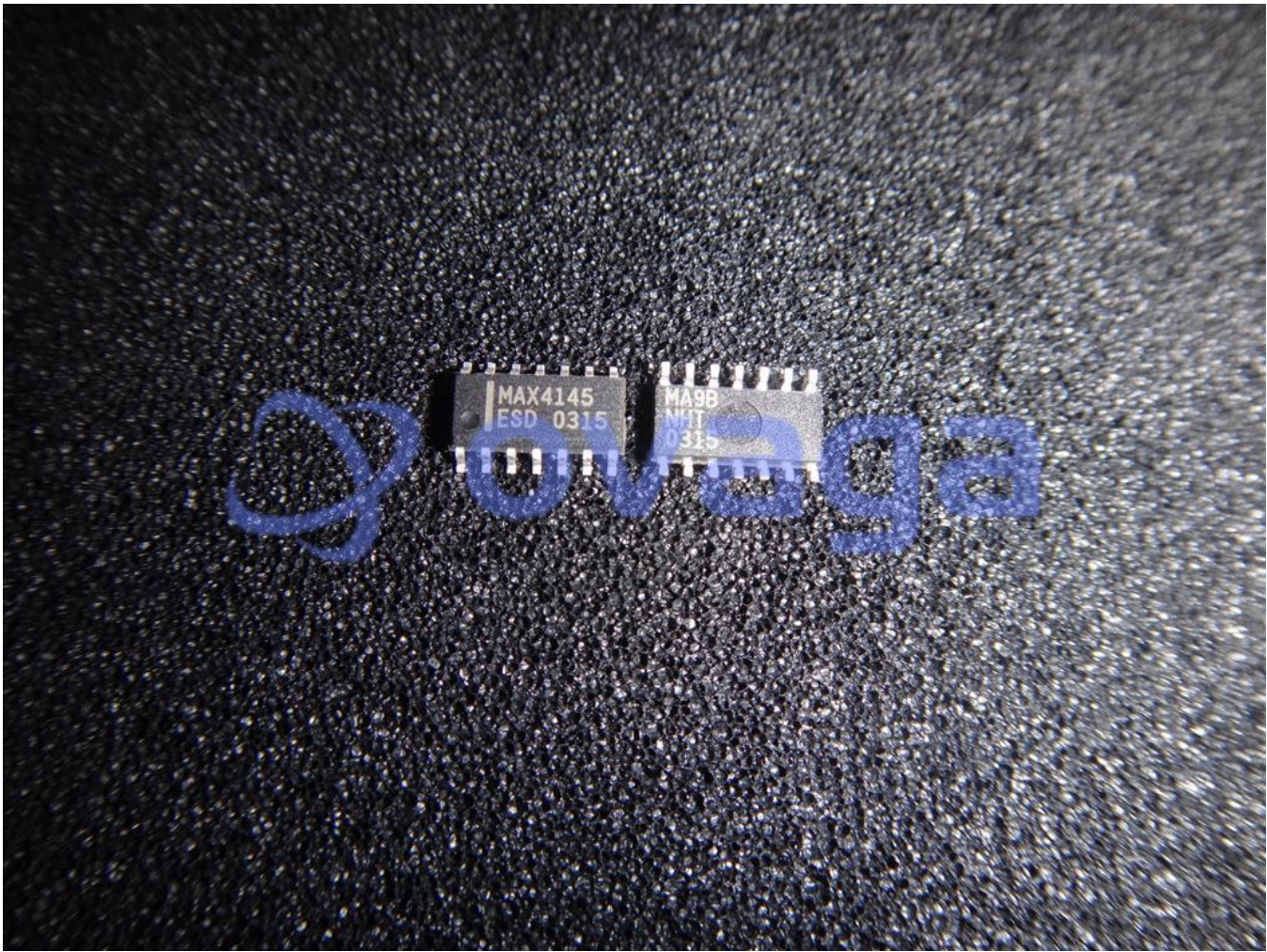
Photodiode and thermocouple amplifiers

ADC/DAC buffer amplifiers

Fast voltage followers

Portable and battery-powered equipment





**Related Products**



[MAX9814ETD](#)

Analog Devices, Inc  
QFN-14



[MAX3658AETA](#)

Analog Devices, Inc  
TDFN-8



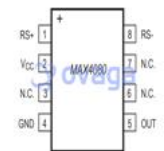
[MAX4332ESA](#)

Analog Devices, Inc  
SOIC-8



[MAX478ESA](#)

Analog Devices, Inc  
SOIC-8



[MAX4080FASA](#)

Analog Devices, Inc  
SOP8



[MAX430CPA](#)

Analog Devices, Inc  
PDIP-8



[MAX4291EUK+T](#)

Analog Devices, Inc  
SOT23-5



[MAX4313ESA](#)

Analog Devices, Inc  
SOIC-8