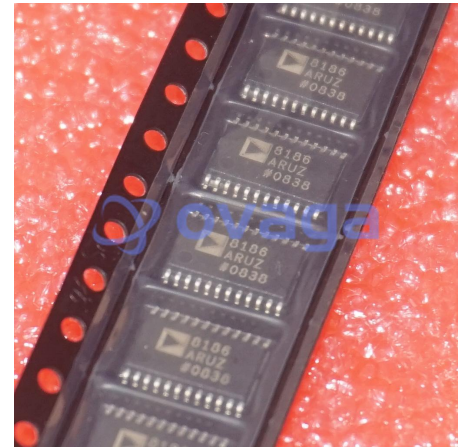


450 MHz, Single Supply, Triple 2:1, Buffered (G= +1) Multiplexer

Manufacturers	Analog Devices, Inc
Package/Case	TSSOP-24
Product Type	Switch ICs
RoHS	Green
Lifecycle	



Images are for reference only

Please submit RFQ for AD8186ARUZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

AD8186ARUZ is a high-speed, low-power, and single-supply differential amplifier manufactured by Analog Devices Inc. It is designed to operate in a wide range of applications, including video and imaging, test and measurement equipment, and communication systems.

Features

High bandwidth: The amplifier has a bandwidth of 550MHz, making it suitable for high-speed signal processing applications.

Low power consumption: The AD8186ARUZ has a low power consumption of 21mW at a supply voltage of 5V, making it ideal for portable and low-power applications.

Single-supply operation: The amplifier can operate on a single supply voltage ranging from 2.7V to 12V, which simplifies its integration into various applications.

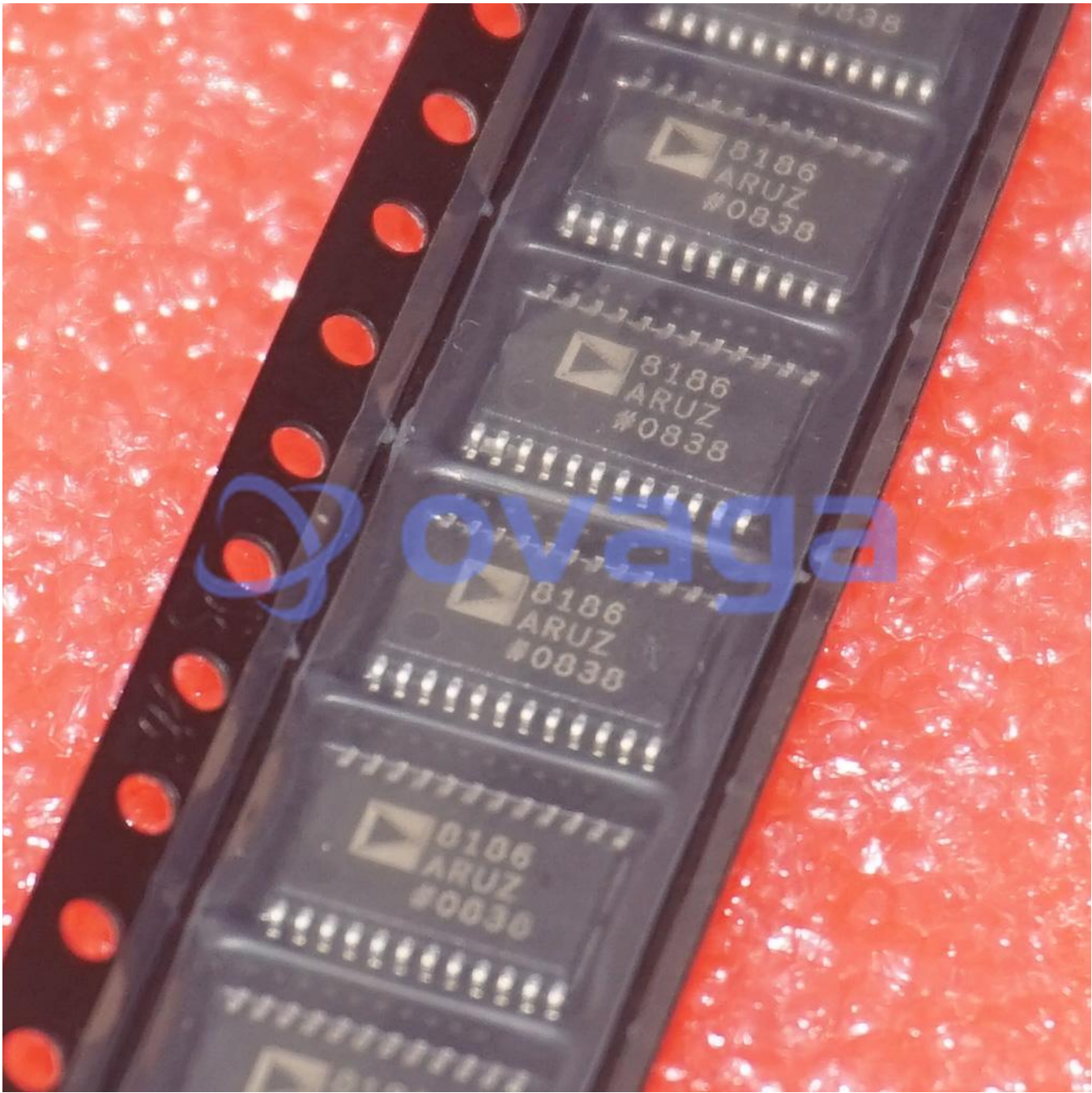
Differential input: The amplifier has a differential input that provides excellent common-mode rejection, which helps to reduce noise in the signal.

Application

Video and imaging: The amplifier is suitable for high-speed video signal processing and imaging applications.

Test and measurement equipment: The AD8186ARUZ can be used in test and measurement equipment to amplify low-level signals accurately.

Communication systems: The amplifier can be used in communication systems to amplify the signal before transmission, enhancing its strength and reducing noise.

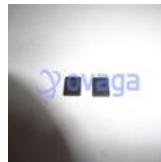


Related Products



[AD7510DIKQ](#)

Analog Devices, Inc
CDIP-16



[AD8190ACPZ](#)

Analog Devices, Inc
LFCSP-56



[AD7510DIJNZ](#)

Analog Devices, Inc
PDIP-16



[AD7512DIKQ](#)

Analog Devices, Inc
CDIP-14



[AD7512DITQ](#)

Analog Devices, Inc
CDIP-14



[AD7510DIJN](#)

Analog Devices, Inc
PDIP-16



[ADG508ATQ](#)

Analog Devices, Inc
DIP-16



[AD7501SQ](#)

Analog Devices, Inc
CDIP-16