

Operational Amplifier, Dual, 2 Amplifier, 5 MHz, 6 V/ μ s, 4.5V to 16V, MSOP, 8 Pins

Manufacturers	Analog Devices, Inc
Package/Case	MSOP-8
Product Type	Amplifier ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for AD8566ARMZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

AD8566ARMZ is a high-speed, low-power, and low-distortion operational amplifier (op-amp) manufactured by Analog Devices Inc. It is a part of the Analog Devices' portfolio of precision operational amplifiers.

Features

It has a bandwidth of 220 MHz and a slew rate of 1200 V/ μ s, making it suitable for high-speed applications.

It has a low input bias current of 20 pA and a low input voltage noise density of 3.9 nV/ $\sqrt{\text{Hz}}$, making it ideal for use in high-precision applications.

It operates from a single supply voltage range of 2.7 V to 12 V and can deliver an output current of up to 40 mA.

It has low power consumption of 7.6 mA and is available in a small SOT-23-5 package.

Application

High-speed data acquisition systems

Professional audio equipment

Video amplifiers and filters

High-speed signal processing

High-speed communications

Active filters

Optical receivers

Ultrasound and medical imaging equipment

(P) CUST PROD ID:

(Q) QTY: 1000



(9D) DATE CODE: 1305



(1P) MFG NO: AD8566ARMZ-REEL7



(1T) LOT NO: AB36872.3



Fab ID: 367818.3

BOX 3 OF 6

MSL: N/A



COUNTRY OF ORIGIN
MALAYSIA
COUNTRY OF DIFFUSION
USA

MFR/CUST DATA

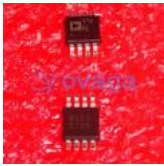


PPBT=260
e4

ATTENTION! STATIC SENSITIVE
PROPER HANDLING AND GROUNDING PRECAUTIONS REQUIRED



Related Products



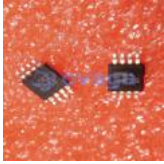
[AD8418BRMZ-RL](#)

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[ADA4528-2ARMZ-R7](#)

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[ADA4084-2ARMZ](#)

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[AD8062ARMZ](#)

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[AD8567ARUZ](#)

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