ADR433BRZ

Data Sheet

Ultralow Noise XFET® Voltage References with Current Sink and Source Capability;
Package: SOIC; No of Pins: 8; Temperature Range: Industrial

Manufacturers	Analog Devices, Inc
Package/Case	SOP-8
Product Type	Power Management ICs
RoHS	Rohs
Lifecycle	

Images are for reference only

Please submit RFQ for ADR433BRZ or Email to us: sales@ovaga.com We will contact you in 12 hours. RFQ

General Description

The ADR43x series is a family of XFET voltage references featuring low noise, high accuracy, and low temperature drift performance. Using ADI's patented temperature drift curvature correction and XFET (eXtra implanted junction FET) technology, the ADR43x's voltage change versus temperature nonlinearity is minimized.

APPLICATIONSPrecision data acquisition systemsHigh resolution data convertersMedical instrumentsIndustrial process control systemsOptical control circuitsPrecision instruments

Features

Low noise (0.1 Hz to 10 Hz): 3.5 µV p-p @ 2.5 V outputNo external capacitor requiredLow temperature coefficient A Grade: 10 ppm/°C max B Grade: 3 ppm/°C maxLoad regulation: 15 ppm/mALine regulation: 20 ppm/VWide operating range ADR430: 4.1 V to 18 V ADR431: 4.5 V to 18 V ADR433: 5.0 V to 18 V ADR434: 6.1 V to 18 V ADR435: 7.0 V to 18 V ADR439: 6.5 V to 18 VHigh output current: +30 mA/−20 mAWide temperature range: −40°C to +125°C

Application

Precision data acquisition systems

High resolution data converters

Medical instruments

Industrial process control systems

Optical control circuits

Precision instruments

Related Products

[ADP3336ARMZ-REEL7]

Analog Devices, Inc

MSOP-8

[AD737JRZ]

Analog Devices, Inc

SOP-8

[ADP3367ARZ]

Analog Devices, Inc

SOIC-8

[AD636JH]

Analog Devices, Inc

TO-100-10

[ADP3330ARTZ3.3-RL7]

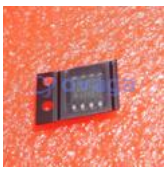
Analog Devices, Inc

SOT-23-6

[ADR434BRZ]

Analog Devices, Inc

SOIC-8



[ADR421ARZ]

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[ADR3412ARJZ-R7]

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SOT-23-6