
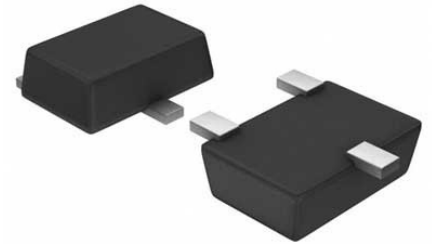


V-Ref Precision 2.5V 5mA 5-Pin TSOT T/R

Manufacturer:	Analog Devices, Inc
Package/Case:	SOT23-5
Product Type:	Power Management ICs
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

The ADR360/ADR361/ADR363/ADR364/ADR365/ADR366 are precision 2.048 V, 2.500 V, 3.000 V, 4.096 V, 5.000 V, and 3.300 V band gap voltage references that offer low power and high precision in a compact TSOT package. Using proprietary temperature drift curvature correction techniques from Analog Devices, Inc., the ADR360/ADR361/ADR363/ADR364/ ADR365/ADR366 references achieve a low temperature drift of 9 ppm/°C in a TSOT package.

The ADR360/ADR361/ADR363/ADR364/ADR365/ADR366 family of micropower, low dropout voltage references provide a stable output voltage from a minimum supply of 300 mV greater than the output. The advanced design of the devices eliminates the need for external capacitors, which further reduces board space and system cost. The combination of low power operation, small size, and ease of use makes the ADR360/ADR361/ADR363/ADR364/ADR365/ADR366 precision voltage references ideally suited for battery-operated applications.

See the Ordering Guide for automotive grades.

Key Features

Compact TSOT package

Low temperature coefficient

A grade: 25 ppm/°C

B grade: 9 ppm/°C

H grade: 25 ppm/°C

Initial accuracy

A grade: ±6 mV maximum (ADR360, ADR361, and ADR363)

B grade: ±3 mV maximum (ADR360, ADR361, and ADR363)

Ultralow output voltage noise: 6.8 μV p-p (0.1 Hz to 10 Hz)

Low dropout: 300 mV

Low quiescent current: 190 μA maximum

No external capacitor required

Output current: +5 mA (sourcing), -1 mA (sinking)

Wide temperature range

Qualified for automotive applications

ADR365WHUJZ-R7

ADR365WAUJZ-R7, ADR366WAUJZ-REEL7

Application

Battery-powered instruments

Portable medical instruments

Data acquisition systems

Industrial process controls

Automotive

Recommended For You

ADP196ACPZ-R7

Analog Devices, Inc
LFCSP-6

ADP191ACBZ-R7

Analog Devices, Inc
WLCSP4

AD581LH

Analog Devices, Inc
CAN3

AD1583BRTZ-REEL7

Analog Devices, Inc
SOT-23

ADL5315ACPZ-R7

Analog Devices, Inc
LFCSP8

ADP5023ACPZ-R7

Analog Devices, Inc
LFCSP-24

ADR01TUJZ-EP-R7

Analog Devices, Inc
5-LeadTSOT

AD581KH

Analog Devices, Inc
CAN3

AD780BRZ

Analog Devices, Inc
SOP8

AD580SH

Analog Devices, Inc

CAN3

ADM660ARZ

Analog Devices, Inc

SOP8

ADM660ARZ-REEL7

Analog Devices, Inc

SOP8

ADP1612ARMZ-R7

Analog Devices, Inc

MSOP8

ADR444BRZ

Analog Devices, Inc

SOP8

AD589JH

Analog Devices, Inc

CAN