


V-Ref Precision 2.5V 3-Pin TO-52 Tube

Manufacturer:	Analog Devices, Inc
Package/Case:	CAN3
Product Type:	Power Management ICs
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	NRND



Images are for reference only

[Inquiry](#)

General Description

The AD580 is recommended as a stable reference for all 8-, 10- and 12-bit D-to-A converters that require an external reference. In addition, the wide input range of the AD580 allows operation with 5 volt logic supplies making the AD580 ideal for digital panel meter applications or whenever only a single logic power supply is available.

The AD580J, K, L and M are specified for operation over the 0°C to +70°C temperature range; the AD580S, T and U are specified for operation over the extended temperature range of -55°C to +125°C.

Key Features

Laser Trimmed to High Accuracy: 2.500 V ± 0.4%

3-Terminal Device: Voltage In/Voltage Out

Excellent Temperature Stability: 10 ppm/°C (AD580M, U)

Excellent Long-Term Stability: 250 μV (25 μV/Month)

Low Quiescent Current: 1.5 mA max

Small, Hermetic IC Package: TO-52 Can

MIL-STD-883 Compliant Versions Available



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

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

AD1582ARTZ-REEL7

Analog Devices, Inc
SOT-23