


## V-Ref Precision 3.3V 30mA 8-Pin SOIC N Tube

<b>Manufacturer:</b>	<a href="#">Analog Devices, Inc</a>
<b>Package/Case:</b>	SOP8
<b>Product Type:</b>	Power Management ICs
<b>RoHS:</b>	RoHS Compliant/Lead free 
<b>Lifecycle:</b>	Active



Images are for reference only

[Inquiry](#)

### General Description

The REF19x series is made up of micropower, low dropout voltage (LDV) devices, providing stable output voltage from supplies as low as 100 mV above the output voltage and consuming less than 45  $\mu$ A of supply current. In sleep mode, which is enabled by applying a low TTL or CMOS level to the SLEEP pin, the output is turned off and supply current is further reduced to less than 15  $\mu$ A.

The REF19x series references are specified over the extended industrial temperature range ( $-40^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$ ) with typical performance specifications over  $-40^{\circ}\text{C}$  to  $+125^{\circ}\text{C}$  for applications, such as automotive.

All electrical grades are available in an 8-lead SOIC package; the PDIP and TSSOP packages are available only in the lowest electrical grade.

### Key Features

- High output current (30mA)
- Low supply current (45 $\mu$ A maximum)
- 15 $\mu$ A Maximum sleep mode
- Low dropout voltage
- 4ppm/mA Load regulation
- 4ppm/V Line regulation
- Short-circuit protection

### Application

- Portable instruments
- ADCs and DACs
- Smart sensors
- Solar powered applications
- Loop-current-powered instruments

### Recommended For You

#### REF195GRUZ

Analog Devices, Inc

TSSOP8

#### AD1583BRTZ-REEL7

Analog Devices, Inc

SOT-23

#### ADM660ARZ-REEL7

Analog Devices, Inc

SOP8

**AD1582ARTZ-REEL7**

Analog Devices, Inc  
SOT-23

**ADR391BUJZ-REEL7**

Analog Devices, Inc  
SOT23-5

**ADR391AUJZ-REEL7**

Analog Devices, Inc  
SOT23-5

**REF195GPZ**

Analog Devices, Inc  
DIP

**REF192GPZ**

Analog Devices, Inc  
DIP8

**ADR512ARTZ-REEL7**

Analog Devices, Inc  
SOT23-3

**REF03GPZ**

Analog Devices, Inc  
DIP

**AD780BRZ-REEL7**

Analog Devices, Inc  
SOP

**ADM660ARZ-REEL**

Analog Devices, Inc  
SOP8

**REF198GSZ**

Analog Devices, Inc  
SOP8

**AD1585BRTZ-REEL7**

Analog Devices, Inc  
SOT-23

**AD780ARZ-REEL7**

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