

## Op Amp Single Low Power Amplifier R-R O/P $\pm 8V/16V$ 5-Pin SOT-23 T/R



Images are for reference only

[Inquiry](#)

**Manufacturer:** [Texas Instruments, Inc](#)

**Package/Case:** SOT23-5

**Product Type:** Amplifier ICs

**RoHS:** RoHS Compliant/Lead free 

**Lifecycle:** Active

### General Description

The INA28x-Q1 family includes the INA282-Q1, INA283-Q1, INA284-Q1, INA285-Q1, and INA286-Q1 devices. These devices are voltage output current shunt monitors that can sense drops across shunts at common-mode voltages from  $-14\text{ V}$  to  $+80\text{ V}$ , independent of the supply voltage. The low offset of the zero-drift architecture enables current sensing with maximum drops across the shunt as low as  $10\text{ mV}$  full-scale.

These current sense amplifiers operate from a single  $2.7\text{-V}$  to  $18\text{-V}$  supply, drawing a maximum of  $900\text{ }\mu\text{A}$  of supply current. These devices are specified over the extended operating temperature range of  $-40^\circ\text{C}$  to  $+125^\circ\text{C}$ , and offered in SOIC-8 and VSSOP-8 packages.

### Key Features

Ideal upgrade for TLC27x family

$550\text{ }\mu\text{A}$ /channel Supply current

$39\text{ nV}/\sqrt{\text{Hz}}$  Input noise voltage

$1\text{ pA}$  Input bias current

Green product and no Sb/Br



## Recommended For You

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### **TLC27M2CP**

Texas Instruments, Inc  
DIP8

### **TLV3501AIDR**

Texas Instruments, Inc  
SOP8

### **TL071ACP**

Texas Instruments, Inc  
DIP-8

### **TL062CDR**

Texas Instruments, Inc  
SOP8

### **TLE2142IP**

Texas Instruments, Inc  
DIP8

### **TLC272AID**

Texas Instruments, Inc  
SOP-8

### **TLV3502AQDCNRQ1**

Texas Instruments, Inc  
SOT23-8

### **TL084CD**

Texas Instruments, Inc  
SOP14

### **TLC074CD**

Texas Instruments, Inc  
SOP14

### **TLC2272ACD**

Texas Instruments, Inc  
SOP-8

### **TLC2272AIDR**

Texas Instruments, Inc  
SOP8

### **TLV2462ID**

Texas Instruments, Inc  
SOP-8

### **TLV2471QDBVRQ1**

Texas Instruments, Inc  
SOT23-5

### **TLV2381IDBVR**

Texas Instruments, Inc  
SOT23-5

### **TLC27L2IP**

Texas Instruments, Inc  
DIP-8