
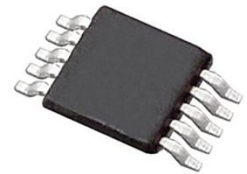


**SP Amp Current Sense Amp Dual R-R O/P 5.5V Automotive 10-Pin VSSOP T/R**

<b>Manufacturer:</b>	<a href="#">Texas Instruments, Inc</a>
<b>Package/Case:</b>	MSOP10
<b>Product Type:</b>	Amplifier ICs
<b>RoHS:</b>	RoHS Compliant/Lead free 
<b>Lifecycle:</b>	Active



Images are for reference only

[Inquiry](#)

**General Description**

The INA2181A1QDGSRQ1 is a precision instrumentation amplifier, which is an electronic component designed to amplify small signals with high accuracy and reject common-mode noise. It is part of the INA21x family of instrumentation amplifiers from Texas Instruments.

**Key Features**

- Wide input voltage range:  $\pm 2.25V$  to  $\pm 18V$
- High common-mode rejection ratio (CMRR): 114 dB
- Low offset voltage: 50  $\mu V$
- Low offset drift: 0.3  $\mu V/^\circ C$
- Low input bias current: 50 pA

**Application**

- Signal conditioning in industrial automation and control systems
- Sensor amplification in automotive and transportation systems
- Medical instrumentation
- Audio signal amplification and filtering

**Recommended For You**

**INA823DT**

Texas Instruments, Inc  
SOP8

**INA333AIDRGR**

Texas Instruments, Inc  
SON-8

**INA101AM**

Texas Instruments, Inc  
CAN10

**INA141UA**

Texas Instruments, Inc  
SOP8

**INA111AP**

Texas Instruments, Inc  
DIP8

**INA101AG**

Texas Instruments, Inc  
DIP

**INA116UA**

Texas Instruments, Inc  
SOP16

**INA333AIDRGT**

Texas Instruments, Inc  
SON8

**INA101SM**

Texas Instruments, Inc  
CAN10

**INA129PA**

Texas Instruments, Inc  
DIP8

**INA101CM**

Texas Instruments, Inc  
CAN10

**INA141PA**

Texas Instruments, Inc  
DIP

**TLV2254IN**

Texas Instruments, Inc  
DIP-14

**TLV2464IN**

Texas Instruments, Inc  
DIP14

**INA2126UA**

Texas Instruments, Inc  
SOP16