

**Op Amp Quad Precision Amplifier R-R I/O $\pm 2.75V/5.5V$
Automotive 14-Pin TSSOP T/R**

Manufacturer:	Texas Instruments, Inc	 <p>Images are for reference only</p>
Package/Case:	TSSOP14	
Product Type:	Amplifier ICs	
RoHS:	RoHS Compliant/Lead free 	
Lifecycle:	Active	

[Inquiry](#)

General Description

The OPAx376-Q1 family represents a new generation of low-noise e-trim operational amplifiers, offering outstanding dc precision and ac performance. Rail-to-rail output, low offset (25 μV maximum), low noise (7.5 nV/ \sqrt{Hz}), quiescent current of 950 μA (maximum), and a 5.5-MHz bandwidth make this device very attractive for a variety of precision and portable applications. In addition, this device has a reasonably wide supply range with excellent PSRR, making the OPA376-Q1 an excellent choice for applications that run directly from batteries without regulation.

The OPA376-Q1 (single version) is available in MicroSIZE SC70-5, SOT23-5, and SOIC-8 packages. The OPA2376-Q1 (dual) is offered in the SOIC-8 and VSSOP-8 package. The OPA4376-Q1 (quad) is offered in a TSSOP-14 package. All versions are specified for operation from $-40^{\circ}C$ to $+125^{\circ}C$.

Key Features

Qualified for Automotive Applications

AEC-Q100 Qualified With the Following Results:

Device Temperature Grade 1: $-40^{\circ}C$ to $+125^{\circ}C$ Ambient Operating Temperature Range

Device HBM ESD Classification Level 3A

Device CDM ESD Classification Level C6

Low Noise: 7.5 nV/ \sqrt{Hz} , quiescent current of 950 μA (maximum), and a 5.5-MHz bandwidth make this part very attractive for a variety of precision and portable applications. In addition, this device has a reasonably wide supply range with excellent PSRR, making it attractive for applications that run directly from batteries without regulation.

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Recommended For You

OPA445BM

Texas Instruments, Inc

CAN

OPA1611AIDR

Texas Instruments, Inc

SOP8

OPA388QDBVRQ1

Texas Instruments, Inc

SOT23-5

OPA2365AQDRQ1

Texas Instruments, Inc
SOP8

OPA334AIDBVR

Texas Instruments, Inc
SOT23-6

OPA2835IDGSR

Texas Instruments, Inc
MSOP10

OPA656U

Texas Instruments, Inc
SOP8

OPA360AIDCKR

Texas Instruments, Inc
SC70-6

LMI11H/NOPB

Texas Instruments, Inc
CAN8

OPA353UA

Texas Instruments, Inc
SOP8

LMI3700MX/NOPB

Texas Instruments, Inc
SOP16

OPA633KP

Texas Instruments, Inc
DIP8

OPA453FAKTWT

Texas Instruments, Inc
TO263-7

OPA4251UA

Texas Instruments, Inc
SOP14

LMV321M5X/NOPB

Texas Instruments, Inc
SOT23-5