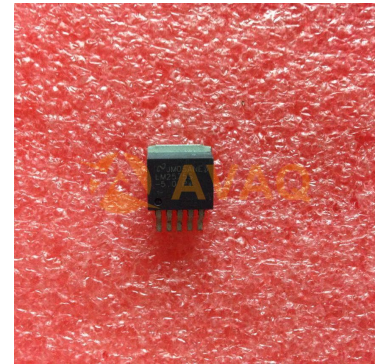


**Op Amp Single Auto Zero Amplifier R-R O/P $\pm 2.75V/5.5V$ 6-Pin
SOT-23 T/R**



Images are for reference only

[Inquiry](#)

Manufacturer: [Texas Instruments, Inc](#)

Package/Case: SOT23-6

Product Type: Amplifier ICs

RoHS: RoHS Compliant/Lead free 

Lifecycle: Active

General Description

The OPA334 and OPA335 series of CMOS operational amplifiers use auto-zeroing techniques to simultaneously provide very low offset voltage ($5\mu V$ max), and near zero drift over time and temperature. These miniature, high-precision, low quiescent current amplifiers offer high input impedance and rail-to-rail output swing. Single or dual supplies as low as $+2.7V$ ($\pm 1.35V$) and up to $+5.5V$ ($\pm 2.75V$) may be used. These op amps are optimized for low-voltage, single-supply operation.

The OPA334 family includes a shutdown mode. Under logic control, the amplifiers can be switched from normal operation to a standby current of $2\mu A$. When the Enable pin is connected high, the amplifier is active. Connecting Enable low disables the amplifier, and places the output in a high impedance state.

The OPA334 (single version with shutdown) comes in MicroSIZE SOT23-6. The OPA335 (single version without shutdown) is available in SOT23-5, and SO-8. The OPA2334 (dual version with shutdown) comes in MicroSIZE MSOP-10. The OPA2335 (dual version without shutdown) is offered in the MSOP-8 and SO-8 packages. All versions are specified for operation from $-40^{\circ}C$ to $+125^{\circ}C$.

Key Features

LOW OFFSET VOLTAGE: 5 μV (max)

ZERO DRIFT: 0.05 $\mu\text{V}/^\circ\text{C}$ (max)

QUIESCENT CURRENT: 285 μA

SINGLE-SUPPLY OPERATION

SINGLE AND DUAL VERSIONS

SHUTDOWN

MicroSIZE PACKAGES

APPLICATIONS

TRANSDUCER APPLICATIONS

TEMPERATURE MEASUREMENT

ELECTRONIC SCALES

MEDICAL INSTRUMENTATION

BATTERY-POWERED INSTRUMENTS

HANDHELD TEST EQUIPMENT

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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

OPA2835IDCSR

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

OPA453FAKIWT

Texas Instruments, Inc
TO263-7

OPA4251UA

Texas Instruments, Inc
SOP14

LMV321M5X/NOPB

Texas Instruments, Inc
SOT23-5

OPA637AU

Texas Instruments, Inc
SOP-8