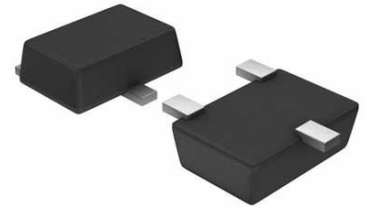


**Op Amp Single High Speed Amplifier R-R I/O $\pm 2.5V/5V$ 5-Pin
SOT-23 T/R**

Images are for reference only

[Inquiry](#)**Manufacturer:** [Texas Instruments, Inc](#)**Package/Case:** SOT-23-5**Product Type:** Amplifier ICs**RoHS:** RoHS Compliant/Lead free **Lifecycle:** Active**General Description**

The THS4304 is a wideband, voltage-feedback operational amplifier designed for use in high-speed analog signal-processing chains operating with a single 5-V power supply. Developed in the BiCom3 silicon germanium process technology, the THS4304 offers best-in-class performance using a single 5-V supply as opposed to previous generations of operational amplifiers requiring ± 5 -V supplies.

The THS4304 is a traditional voltage-feedback topology that provides the following benefits: balanced inputs, low offset voltage and offset current, low offset drift, high common mode and power supply rejection ratio.

The THS4304 is offered in 8-pin MSOP package (DGK), the 8-pin SOIC package (D), and the space-saving 5-pin SOT-23 package (DBV).

Key Features

Wide Bandwidth: 3 GHz

High Slew Rate: 830 V/ μ s

Low Voltage Noise: 2.8 nV/Hz

Single Supply: 5 V, 3 V

Quiescent Current: 18 mA

APPLICATIONS

Active Filter

ADC Driver

Ultrasound

Gamma Camera

RF/Telecom

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Recommended For You

THS3092D

Texas Instruments, Inc

SOP-8

THS7316DR

Texas Instruments, Inc

SOP-8

THS4131IDGNR

Texas Instruments, Inc

MSOP8

THS4011CD

Texas Instruments, Inc

SOP

THS7374IPW

Texas Instruments, Inc

TSSOP14

THS6184RHFR

Texas Instruments, Inc

QFN

THS4503IDGN

Texas Instruments, Inc

MSOP8

THS7376IPWR

Texas Instruments, Inc

TSSOP14

THS7314D

Texas Instruments, Inc

SOP8

THS4130IDGK

Texas Instruments, Inc

MSOP8

THS7353PW

Texas Instruments, Inc

TSSOP20

THS4551IRGTR

Texas Instruments, Inc

VQFN16

THS4281D

Texas Instruments, Inc

SOIC-8

THS4631D

Texas Instruments, Inc

SOP-8

THS3061DGN

Texas Instruments, Inc

MSOP8