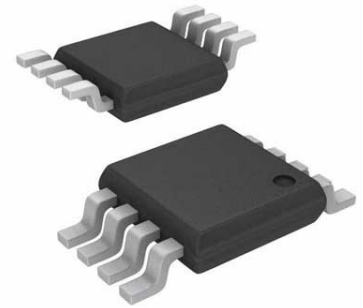


Op Amp Single High Speed Amplifier $\pm 16V/32V$ 8-Pin HVSSOP EP Tube



Images are for reference only

[Inquiry](#)

Manufacturer: [Texas Instruments, Inc](#)

Package/Case: MSOP8

Product Type: Amplifier ICs

RoHS: RoHS Compliant/Lead free 

Lifecycle: Active

General Description

The THS4031 and THS4032 are ultra-low voltage noise, high-speed voltage feedback amplifiers that are ideal for applications requiring low voltage noise, including communications and imaging. The single amplifier THS4031 and the dual amplifier THS4032 offer good AC performance with 100-MHz bandwidth ($G = 2$), 100-V/ μs slew rate, and 60-ns settling time (0.1%). The THS4031 and THS4032 are unity-gain stable with 275-MHz bandwidth. These amplifiers have a high drive capability of 90 mA and draw only 8.5-mA supply current per channel. With -90 dBc of total harmonic distortion (THD) at $f = 1$ MHz and a very low noise of 1.6 nV/ \sqrt{Hz} , the THS4031 and THS4032 are designed for applications requiring low distortion and low noise such as buffering analog-to-digital converters.

Key Features

Ultra-Low 1.6 nV/ \sqrt{Hz} , the THS4031 and THS4032 are designed for applications requiring low distortion and low noise such as buffering analog-to-digital converters.

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