

Op Amp Single High Speed Amplifier $\pm 15V/30V$ 8-Pin HSOIC EP Tube



Images are for reference only

[Inquiry](#)

Manufacturer: [Texas Instruments, Inc](#)

Package/Case: SOP-8

Product Type: Amplifier ICs

RoHS: RoHS Compliant/Lead free 

Lifecycle: Active

General Description

The THS3091 and THS3095 are high-voltage, low-distortion, high-speed, current-feedback amplifier designed to operate over a wide supply range of ± 5 V to ± 15 V for applications requiring large, linear output signals such as Pin, Power FET, and VDSL line drivers.

The THS3095 features a power-down pin (PD) that puts the amplifier in low power standby mode, and lowers the quiescent current from 9.5 mA to 500 μ A. The wide supply range combined with total harmonic distortion as low as -69 dBc at 10 MHz, in addition, to the high slew rate of 7300 V/ μ s makes the THS309x ideally suited for high-voltage arbitrary waveform driver applications. Moreover, having the ability to handle large voltage swings driving into high-resistance and high-capacitance loads while maintaining good settling time performance makes the devices ideal for Pin driver and Power FET driver applications.

The THS3091 and THS3095 are offered in an 8-pin SOIC (D), and the 8-pin SOIC (DDA) packages with PowerPAD.

Key Features

Low Distortion

77-dBc HD2 at 10 MHz, $R_L = 1$ k Ω

69-dBc HD3 at 10 MHz, $R_L = 1$ k Ω

Low Noise

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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