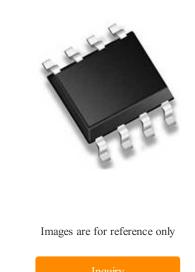


SP Amp DIFF AMP Single ±7.5V/15V 8-Pin SOIC Tube

Manufacturer:	Texas Instruments, Inc
Package/Case:	SOIC-8
Product Type:	Amplifier ICs
RoHS:	RoHS Compliant/Lead free RoHS
Lifecycle:	Active



General Description

The THS4502 and THS4503 are high-performance fully differential amplifiers from Texas Instruments. The THS4502, featuring power-down capability, and the THS4503, without power-down capability, set new performance standards for fully differential amplifiers with unsurpassed linearity, supporting 14-bit operation through 40 MHz. Package options include the 8-pin SOIC and the 8-pin MSOP with PowerPAD for a smaller footprint, enhanced ac performance, and improved thermal dissipation capability.

Key Features

Fully Differential Architecture

Bandwidth: 370 MHz

Slew Rate: 2800 V/µs

IMD3: -95 dBc at 30 MHz

OIP3: 51 dBm at 30 MHz

Output Common-Mode Control

Wide Power Supply Voltage Range: 5 V, ± 5 V, 12 V, 15 V

Centered Input Common-Mode Range

Power-Down Capability (THS4502)

Evaluation Module Available

Description

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Recommended For You

THS3092D

Texas Instruments, Inc SOP-8

THS4011CD Texas Instruments, Inc SOP

THS45031DGN Texas Instruments, Inc MSOP8

THS41301DGK Texas Instruments, Inc MSOP8

THS4281D Texas Instruments, Inc SOIC-8 THS7316DR Texas Instruments, Inc

SOP-8

THS7374IPW Texas Instruments, Inc TSSOP14

THS7376IPWR Texas Instruments, Inc TSSOP14

THS7353PW Texas Instruments, Inc TSSOP20

THS4631D Texas Instruments, Inc SOP-8 THS41311DGNR

Texas Instruments, Inc MSOP8

THS6184RHFR Texas Instruments, Inc QFN

THS7314D Texas Instruments, Inc SOP8

THS4551IRGTR Texas Instruments, Inc VQFN16

Texas Instruments, Inc MSOP8

THS3061DGN