


Op Amp Dual Low Power Amplifier $\pm 15V/30V$ 8-Pin SO N T/R

Manufacturer:	STMicroelectronics, Inc
Package/Case:	SOP8
Product Type:	Amplifier ICs
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

These circuits consist of two independent, high-gain, internally frequency-compensated op amps, specifically designed to operate from a single power supply over a wide range of voltages. The low-power supply drain is independent of the magnitude of the power supply voltage.

Application areas include transducer amplifiers, DC gain blocks and all the conventional op amp circuits, which can now be more easily implemented in single power supply systems. For example, these circuits can be directly supplied with the standard 5 V, which is used in logic systems and will easily provide the required interface electronics with no additional power supply.

In linear mode, the input common-mode voltage range includes ground and the output voltage can also swing to ground, even though operated from only a single power supply voltage.

Key Features

Frequency compensation implemented internally

Large DC voltage gain: 100 dB

Wide bandwidth (unity gain): 1.1 MHz (temperature compensated)

Very low supply current per channel essentially independent of supply voltage

Low input bias current: 20 nA (temperature compensated)

Low input offset voltage: 2 mV

Low input offset current: 2 nA

Input common-mode voltage range includes negative rails

Differential input voltage range equal to the power supply voltage

Large output voltage swing 0 V to (V

CC



Recommended For You

LMB39D

STMicroelectronics, Inc

SOP14

LMB93D

STMicroelectronics, Inc

SOP8

LM239D

STMicroelectronics, Inc

SOP

LM2902D

STMicroelectronics, Inc

SOP14

LM2903D

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LM239PT

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TSSOP14

LMB39DT

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LMI19J

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CDIP14

LMV358IPT

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LMV324IDT

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LMB11DT

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