
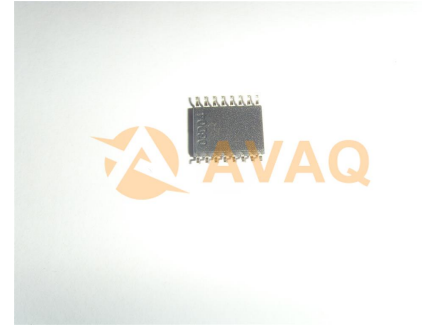


Stereo Audio Volume Control

| | |
|----------------------|--|
| Manufacturer: | <u>Texas Instruments, Inc</u> |
| Package/Case: | SOP16 |
| Product Type: | Amplifier ICs |
| RoHS: | RoHS Compliant/Lead free  |
| Lifecycle: | Active |



Images are for reference only

[Inquiry](#)

General Description

The PGA2320 is a high-performance, stereo audio volume control designed for professional and high-end consumer audio systems. The ability to operate from $\pm 15V$ analog power supplies enables the PGA2320 to process input signals with large voltage swings, thereby preserving the dynamic range available in the overall signal path. Using high performance operational amplifier stages internal to the PGA2320 yields low noise and distortion, while providing the capability to drive 600 loads directly without buffering. The three-wire serial control interface allows for connection to a wide variety of host controllers, in addition to support for daisy-chaining of multiple PGA2320 devices.

Key Features

DIGITALLY-CONTROLLED ANALOG VOLUME CONTROL:

Two Independent Audio Channels
Serial Control Interface
Zero Crossing Detection
Mute Function

WIDE GAIN AND ATTENUATION RANGE:

+31.5dB to -95.5dB with 0.5dB Steps

LOW NOISE AND DISTORTION:

120dB Dynamic Range
0.0003% THD+N at 1kHz

LOW INTERCHANNEL CROSSTALK: -126dBFS

NOISE-FREE LEVEL TRANSITIONS

POWER SUPPLIES: ±15V Analog, +5V Digital

AVAILABLE IN SOL-16 PACKAGE

PIN-FOR-PIN COMPATIBLE WITH THE PGA2310

APPLICATIONS

AUDIO AMPLIFIERS

MIXING CONSOLES

MULTI-TRACK RECORDERS

BROADCAST STUDIO EQUIPMENT

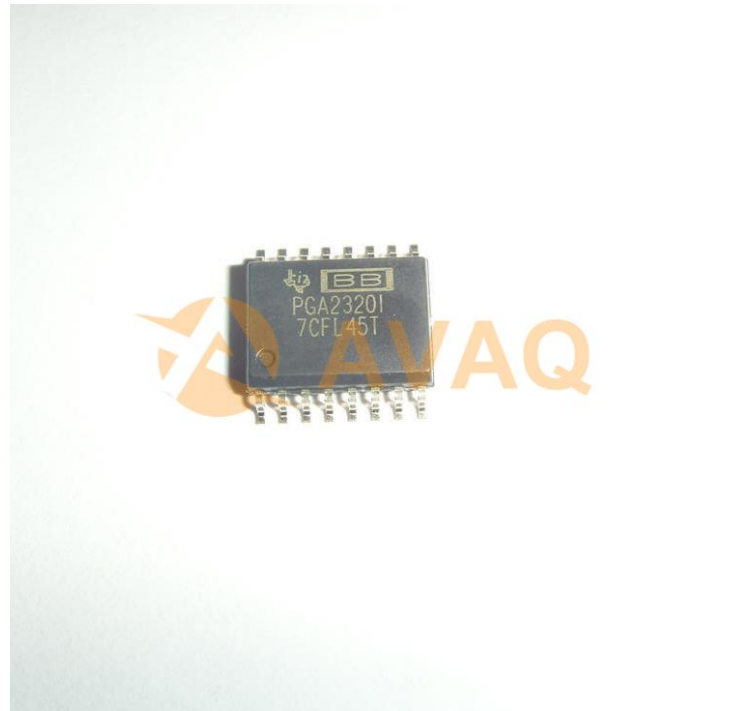
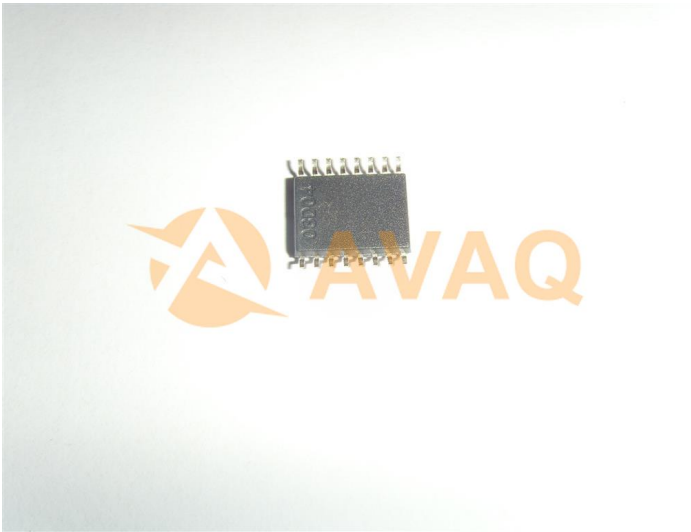
MUSICAL INSTRUMENTS

EFFECTS PROCESSORS

A/V RECEIVERS

CAR AUDIO SYSTEMS

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Recommended For You

PGA2311U

Texas Instruments, Inc

SOP16

PGA2310UA

Texas Instruments, Inc

SOP16

PGA2310PA

Texas Instruments, Inc

DIP16

PGA4311UA

Texas Instruments, Inc

SOP28

PGA4311U

Texas Instruments, Inc

SOP28

PGA2500IDBR

Texas Instruments, Inc

SSOP28

PGA2310UA/1K

Texas Instruments, Inc

SOP16

PCMI798DB

Texas Instruments, Inc

SSOP28

PCMI681PWPR

Texas Instruments, Inc

HTSSOP28

PCMI863DBT

Texas Instruments, Inc

TSSOP30

TAS5142DKD

Texas Instruments, Inc

HSSOP36

PCMI789PW

Texas Instruments, Inc

TSSOP24

LM833DR

Texas Instruments, Inc

SOP-8

DRV134UA

Texas Instruments, Inc

SOP16

TAS5717PHPR

Texas Instruments, Inc

HTQFP48