


General Purpose Audio Codec 1ADC / 1DAC Ch 20-Pin SSOP

Tube

Manufacturer:	<u>Analog Devices, Inc</u>
Package/Case:	SSOP20
Product Type:	Communication & Networking ICs
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

Linux Driver

The AD73311 and AD73311L are complete front-end processors for general-purpose applications including speech and telephony. They feature a 16-bit A/D conversion channel and a 16-bit D/A conversion channel. Each channel provides 70 dB signal-to-noise ratio over the voiceband signal bandwidth. The AD73311L is a follow-on to the AD73311 with improved on-chip filtering, more sample-rate options and lower cost. The L version operates from 3.0 V only, where as the AD73311 operates from either 3 V or 5 V power supplies.

The gains of the A/D and D/A conversion channels are programmable over 38 dB and 21 dB respectively. An on-chip reference voltage is included to allow single-supply operations. A serial port (SPORT) allows easy interfacing for single or cascaded devices to industry standard DSP engines.

The AD73311 and AD73311L are suitable for a variety of applications in the speech and telephony areas including low-bit rate, high quality compression, speech enhancement, recognition and synthesis. The low group delay characteristic of the part makes it suitable for single or multi-channel active-control applications.

Key Features

- Programmable input/output sample rates
- Programmable input/output gain
- 64kS/s Maximum sample rate
- 90dB Crosstalk

Application

- General Purpose Analog I/O
- Speech Processing
- Cordless and Personal Communications
- Telephony
- Active Control of Sound & Vibration
- Data Communications



Recommended For You

AD7305BRZ

Analog Devices, Inc

SOP20

AD9910BSVZ

Analog Devices, Inc

TQFP100

AD9831ASTZ

Analog Devices, Inc

QFP

AD5447YRUZ

Analog Devices, Inc

TSSOP

AD5302BRMZ

Analog Devices, Inc

MSOP10

AD5531BRUZ

Analog Devices, Inc

TSSOP16

AD537JH

Analog Devices, Inc

CAN10

AD652AQ

Analog Devices, Inc

DIP

AD654JN

Analog Devices, Inc

DIP8

AD7740YRMZ

Analog Devices, Inc

MSOP8

AD9914BCPZ

Analog Devices, Inc

LFCSP

AD7291BCPZ

Analog Devices, Inc

LFCSP20

AD9954YSVZ

Analog Devices, Inc

QFP

AD2S1205YSTZ

Analog Devices, Inc

LQFP44

AD9835BRUZ

Analog Devices, Inc

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