


PCM Audio Codec 2ADC / 2DAC Ch 24-Pin TSSOP T/R

Manufacturer:	Cirrus Logic, Inc
Package/Case:	TSSOP24
Product Type:	Communication & Networking ICs
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active

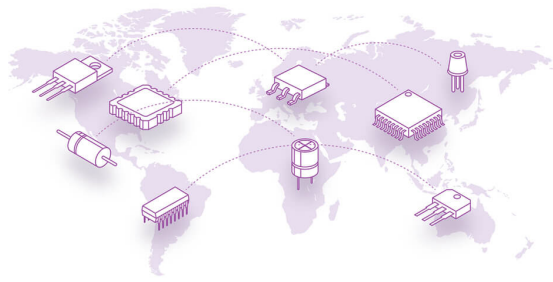
Images are for reference only

[Inquiry](#)**General Description**

The CS4270 is a stereo audio codec with single-ended inputs and outputs, and a dynamic range of 105 dB and THD+N of -95 dB. Requiring a minimal set of passive external components, the CS4270 provides designers with a simple solution that reduces the bill-of-materials cost and the required space on their printed circuit board. Configuring the IC through an industry standard control port provides access to additional features such as logarithmic digital volume control. The CS4270 utilizes Popguard® technology for controlling clicks and pops associated with power cycling, which eliminates external mute control circuitry.

Key Features

- Complete stereo codec
- 24-bit conversion
- System sampling rates up to 216 kHz
- Multibit Delta Sigma modulator architecture
- 105 dB dynamic range (A-weighted)
- Single-ended input/output architecture
- Output digital volume control, 0.5 dB steps
- Integrated level shifters for direct interface to logic levels from 1.8V to 5.0V
- 3.3 or 5 V core power supply
- Cirrus Logic Popguard technology
- Available in 24-pin TSSOP package
- Stand alone or control part functionality
- Consumer and automotive D-grade availability



Recommended For You

CS4272-CZL

Cirrus Logic, Inc
TSSOP28

CS61584A-IQ3Z

Cirrus Logic, Inc
QFP

CS42448-DQZ

Cirrus Logic, Inc
QFP

CS42526-CQZ

Cirrus Logic, Inc
QFP

CS61884-IQZ

Cirrus Logic, Inc
QFP

CS61884-IB

Cirrus Logic, Inc
BGA

CS61577-IL1

Cirrus Logic, Inc
PLCC28

CS61535A-IL1

Cirrus Logic, Inc
PLCC28

CS61577-IL1Z

Cirrus Logic, Inc
PLCC28

CS61581-ILZ

Cirrus Logic, Inc
PLCC

CS5372A-ISZ

Cirrus Logic, Inc
QFP

CS61583-IQ5Z

Cirrus Logic, Inc
QFP64

WM8962BECSNR

Cirrus Logic, Inc
WCSP-49

WM8994ECS/R

Cirrus Logic, Inc
WCSP-72

CS42438-DMZ

Cirrus Logic, Inc
QFP52