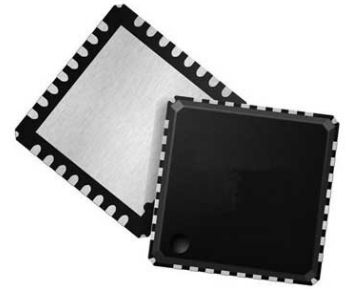



General Purpose Audio Codec 2ADC / 2DAC Ch 32-Pin VQFN EP T/R



Images are for reference only

[Inquiry](#)

Manufacturer:	Texas Instruments, Inc
Package/Case:	QFN32
Product Type:	Communication & Networking ICs
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active

General Description

The TLV320AIC3254 (sometimes referred to as the AIC3254) is a flexible, low-power, low-voltage stereo audio codec with programmable inputs and outputs, PowerTune capabilities, fully-programmable miniDSP, fixed predefined and parameterizable signal processing blocks, integrated PLL, integrated LDOs and flexible digital interfaces.

Key Features

Stereo Audio DAC with 100dB SNR

4.1mW Stereo 48ksps DAC Playback

Stereo Audio ADC with 93dB SNR

6.1-mW Stereo 48-ksps ADC Record

PowerTune?

Extensive Signal Processing Options

Embedded miniDSP

Six Single-Ended or Three Fully- Differential Analog Inputs

Stereo Analog and Digital Microphone Inputs

Stereo Headphone Outputs

Stereo Line Outputs

Very Low-Noise PGA

Low Power Analog Bypass Mode

Programmable Microphone Bias

Programmable PLL

Integrated LDO

5 mm × 5 mm 32-pin QFN Package

Recommended For You

TLV320AIC23BIPWR

Texas Instruments, Inc

TSSOP28

TLV320AIC3104IRHBR

Texas Instruments, Inc

QFN32

TL16C554AIPN

Texas Instruments, Inc

LQFP80

TLV320AIC3101IRHBR

Texas Instruments, Inc

QFN32

TL16C554APN

Texas Instruments, Inc

LQFP80

TLV320AIC24KIPFBR

Texas Instruments, Inc

TQFP-48

TL16C554PN

Texas Instruments, Inc

QFP

TLV320AIC24KIPFB

Texas Instruments, Inc

TQFP-48

TL16C752BLPTREP

Texas Instruments, Inc

LQFP-48

TL16C550DIPFBR

Texas Instruments, Inc
48-TQFP

TLC320AC01CFN

Texas Instruments, Inc
PLCC28

TL16C552AFN

Texas Instruments, Inc
PLCC

TL16C450FN

Texas Instruments, Inc
PLCC44

TL16C554FN

Texas Instruments, Inc
PLCC

TLV320AIC31IRHBR

Texas Instruments, Inc
VQFN32