


PCM Audio Codec 20-Pin TSSOP Tube

Manufacturer:	Texas Instruments, Inc
Package/Case:	TSSOP20
Product Type:	Communication & Networking ICs
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

The TLV320AIC1106 PCM codec is designed to perform transmit encoding analog-to-digital (A/D) conversion, receive decoding digital-to-analog (D/A) conversion, and transmit and receive filtering for voice-band communications systems. The TLV320AIC1106 device operates in either the 13-bit linear or 8-bit companded (u-law) mode. The PCM codec generates its own internal clocks from a 2.048-MHz master clock input.

Key Features

Designed for Analog and Digital Wireless Handsets, Voice-Enabled Terminals, and Telecommunications Applications

2.7-V to 3.3-V Operation

Selectable 13-Bit Linear or 8-Bit u-Law Companded Conversion

Differential Microphone Input With External Gain Setting

Differential Earphone Output Capable of Driving a 32- Load

Programmable Volume Control in Linear Mode

Microphone (MIC) and Earphone (EAR) Mute Functions

Typical Power Dissipation of 0.03 mW in Power-Down Mode

2.048-MHz Master Clock Rate

300-Hz to 3.4-kHz Passband

Low Profile 20-Terminal TSSOP Packaging

APPLICATIONS

Digital Handset

Digital Headset

Cordless Phones

Digital PABX

Digital Voice Recording

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

TLV320AIC311RHBR

Texas Instruments, Inc
VQFN32