
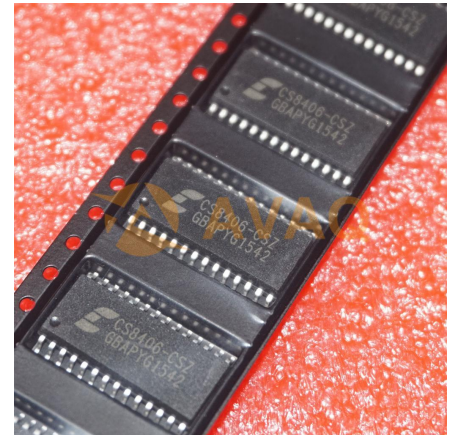


## Digital Audio Transmitter 1TX 28-Pin SOIC Rail

<b>Manufacturer:</b>	<a href="#">Cirrus Logic, Inc</a>
<b>Package/Case:</b>	SOP28
<b>Product Type:</b>	Discrete Semiconductor Modules
<b>RoHS:</b>	RoHS Compliant/Lead free 
<b>Lifecycle:</b>	Obsolete



Images are for reference only

[Inquiry](#)

## General Description

The CS8406 is a digital audio transmitter that enables consumer and professional audio products to exchange 192 kHz S/PDIF and AES/EBU audio data. The CS8406 accepts and encodes audio and digital data, which is then multiplexed, encoded and driven onto a cable/optical transmission interface. Its flexible 3-wire serial digital audio input port, on-chip channel status and user bit buffer memories allow block-sized updates without the need for external memory. The CS8406 also includes an on-chip, low-skew, low-impedance differential-line driver that permits transmission over longer cable lengths. The CS8406 is fully compatible with EIAJ, IEC, S/PDIF and AES standards. It is ideal for a wide range of consumer and professional applications such as DVD audio players, digital audio/video receivers, DVD recorders, digital video recorders (PVRs), digital mixing consoles, effects processors and automotive audio systems.

## Key Features

Compatible with EIAJ CP1201, IEC-60958 and AES3 standards

On-chip channel status user bit buffer memories allow block-sized updates

Flexible 3-wire, serial digital audio input port

Up to 192 kHz frame rate

Microcontroller write access to channel status and user bit data

On-chip differential line driver

Generates CRC (cyclical redundancy check) codes and parity bits

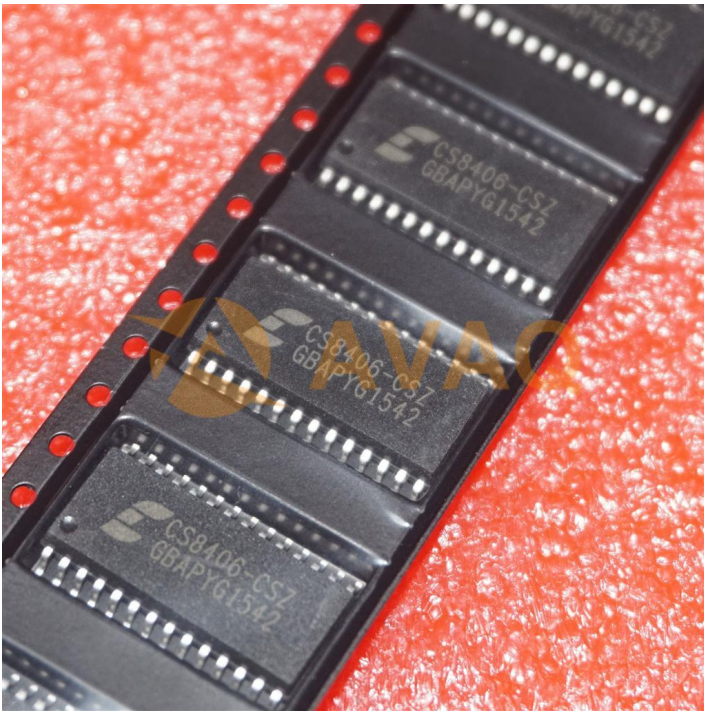
Standalone mode allows use without a microcontroller

3.3 V or 5 V digital interface supply (VL)

3.3 V or 5 V digital supply (VD)

Package: 28-pin SOIC, 28-pin TSSOP; lead-free assembly

Consumer and automotive D-grade availability



## Recommended For You

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### **CS44800-CQZR**

Cirrus Logic, Inc

LQFP

### **CS8416-DZZ**

Cirrus Logic, Inc

TSSOP

### **CS8416-CZZ**

Cirrus Logic, Inc

TSSOP28

### **CS8416-CSZ**

Cirrus Logic, Inc

SOP28

### **CS8405A-CS**

Cirrus Logic, Inc

SOP

### **CS495313-CVZ**

Cirrus Logic, Inc

QFP

### **CS8406-DZZ**

Cirrus Logic, Inc

TSSOP28

### **CS8420-DSZ**

Cirrus Logic, Inc

SOP28

### **CS8415A-CZZ**

Cirrus Logic, Inc

TSSOP28

### **WM8281ECS/R**

Cirrus Logic, Inc

W-CSP138

### **CS3318-CQZ**

Cirrus Logic, Inc

LQFP48

### **CS44600-CQZ**

Cirrus Logic, Inc

QFP

### **CS496122-CQZ**

Cirrus Logic, Inc

QFP

### **CS49DV8C-CVZR**

Cirrus Logic, Inc

LQFP

### **CS48DV2A-DQZ**

Cirrus Logic, Inc

LQFP