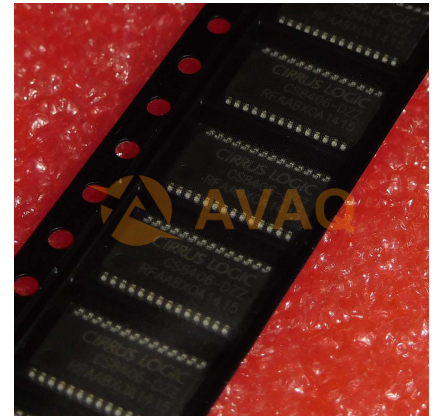


Digital Audio Transmitter 1TX Automotive 28-Pin TSSOP Rail



Images are for reference only

[Inquiry](#)

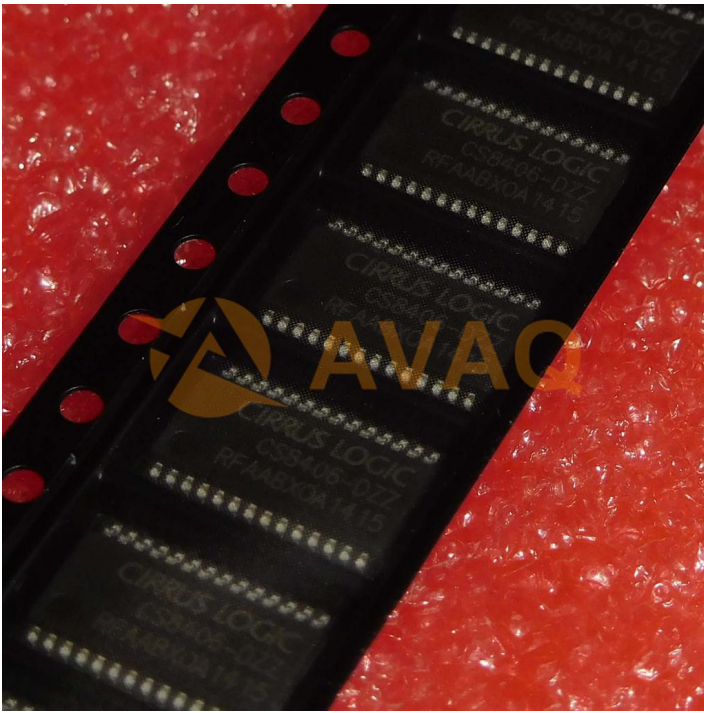
Manufacturer:	Cirrus Logic, Inc
Package/Case:	TSSOP28
Product Type:	Discrete Semiconductor Modules
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Obsolete

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

CS8406-CSZ

Cirrus Logic, Inc

SOP28

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

CS8420-DSZ

Cirrus Logic, Inc

SOP28

CS8415A-CZZ

Cirrus Logic, Inc

TSSOP28

WMB281ECS/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