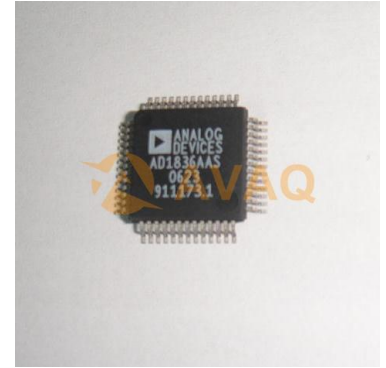


## General Purpose Audio Codec 4ADC / 3DAC Ch Automotive 52-Pin MQFP



Images are for reference only

[Inquiry](#)

<b>Manufacturer:</b>	<a href="#">Analog Devices, Inc</a>
<b>Package/Case:</b>	QFP52
<b>Product Type:</b>	Communication & Networking ICs
<b>Lifecycle:</b>	Obsolete

### General Description

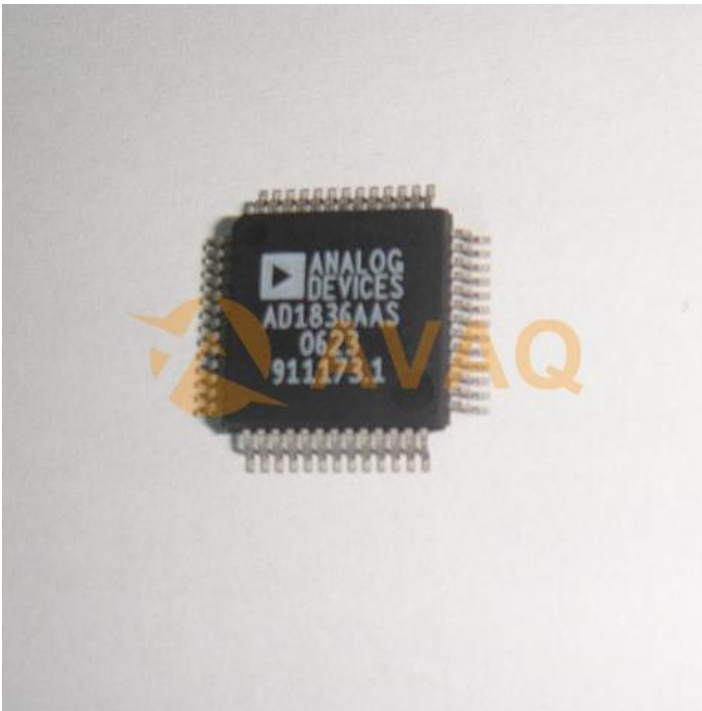
AD1836AAS is an audio codec, which stands for Analog Devices (AD) 1836AAS. It is a high-performance, single-chip codec that provides four stereo ADCs (analog-to-digital converters) and eight stereo DACs (digital-to-analog converters) with sample rates of up to 192 kHz.

### Key Features

- Support for a wide range of audio formats, including PCM, DSD, and Direct Stream Digital (DSD)
- Flexible input/output configurations
- Low power consumption
- On-chip digital signal processing (DSP) for audio enhancement and filtering
- High signal-to-noise ratio (SNR) and dynamic range (DR)

### Application

- Mixing consoles
- Audio interfaces
- Digital audio workstations (DAWs)
- Audio test and measurement equipment
- Surround sound systems



## Recommended For You

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### **AD1803JRU**

Analog Devices, Inc  
TSSOP24

### **AD1847JP**

Analog Devices, Inc  
PLCC

### **AD8109ASTZ**

Analog Devices, Inc  
QFP

### **AD8115ASTZ**

Analog Devices, Inc  
QFP

### **AD1980JST-REEL**

Analog Devices, Inc  
QFP48

### **AD1843JS**

Analog Devices, Inc  
QFP

### **AD1888JCPZ-REEL**

Analog Devices, Inc  
LFCSP-48

### **AD8116JSTZ**

Analog Devices, Inc  
QFP128

### **ADV601LCJST**

Analog Devices, Inc  
QFP

### **ADV611JST**

Analog Devices, Inc  
QFP

### **ADN4600ACPZ**

Analog Devices, Inc  
QFN

### **AD8152JBPZ**

Analog Devices, Inc  
BGA

### **ADN4605ABPZ**

Analog Devices, Inc  
BGA

### **AD8113JSTZ**

Analog Devices, Inc  
QFP

### **ADN4612ACPZ**

Analog Devices, Inc  
LFCSP-88