

# **Class D Audio Amplifier Market By Amplifier Type (Mono-Channel, 2-Channel, 4-Channel, 6-Channel, and Others), Device (Television Sets, Home Audio Systems, Desktop & Laptops, Automotive Infotainment Systems, and Others), and End use (Automotive, Consumer Electronics, and Others): Global Opportunity Analysis and Industry Forecast, 2019-2026**

<https://marketpublishers.com/r/C72AD827B9AEEN.html>

Date: March 2020

Pages: 260

Price: US\$ 5,370.00 (Single User License)

ID: C72AD827B9AEEN

## **Abstracts**

The class D audio power amplifiers are electronic devices that are used to increase the amplitude of audio signals passing through it. An audio power amplifier amplifies low power audio signals to high audio signals, which are suitable for MP3 audio players and loudspeaker.

There has been an increase in the adoption of class D audio amplifiers in home audio systems. This can be attributed to the ongoing and continuous technological innovations in these systems. In addition, developments in Wi-Fi and Bluetooth speakers, and dedicated speaker docks are expected to increase consumer spending on audio equipment for enhanced audio quality. In infotainment systems, audio amplifiers are used to achieve enhanced in-vehicle experience and improve the performance of the in-car audio or sound systems by adding power and channel count. Class D amplifiers help reduce noise and distortion, enabling refined signal processing and improved overall performance of the infotainment sound system and attaining the need for an elevated audio experience.

Factors such as growth in demand for smart consumer electronics and high demand for

vehicle infotainment systems in automotive sector have boosted the growth of the global class D audio amplifier market. However, high installation cost act as major restraints, thereby hampering the market growth. Furthermore, increase in popularity of IoT offers lucrative opportunities for the class D audio amplifier market growth globally.

The class D audio amplifier market is segmented based on amplifier type, device, end user, and region. Based on amplifier type, the market is categorized into mono-channel, 2-channel, 4-channel, 6-channel and others. Device covered in the study include television sets, home audio systems, desktops & laptops, automotive infotainment systems, and others. End user includes consumer electronics, automotive and others end users. By region, the market is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

The key players profiled in the report include Infineon Technologies AG, Analog Devices, Inc., NXP Semiconductors, On Semiconductor, ROHM Semiconductors, Renesas Electronics, ST Microelectronics and Qualcomm Technologies, Inc., Texas Instruments, and Toshiba Corporation. These key players have adopted strategies, such as product portfolio expansion, mergers & acquisitions, agreements, geographical expansion, and collaborations, to enhance their market penetration.

## KEY BENEFITS FOR STAKEHOLDERS

This study includes the analytical depiction of the global class D audio amplifier market size along with the current trends and future estimations to determine the imminent investment pockets.

The class D audio amplifier market size is determined to understand the profitable trends to gain a stronger foothold.

The report presents information related to key drivers, restraints, and opportunities with a detailed impact on the class D audio amplifier market analysis.

The current class D audio amplifier market forecast is quantitatively analyzed from 2018 to 2026 to benchmark the financial competency.

Porter's five forces analysis illustrates the potency of the buyers and suppliers in the class D audio amplifier market.

The report includes the class D audio amplifier market share of key vendors and class D audio amplifier market trends.

## GLOBAL CLASS D AUDIO AMPLIFIER MARKET SEGMENTATION

### By Amplifier Type

Mono- Channel

2 Channel

4 channel

6 channel

Others

### By Device

Television sets

Home Audio Systems

Desktop & Laptops

Automotive Infotainment systems

Others

### By End Use

Automotive

Consumer Electronics

Others

## By Region

North America

U.S.

Canada

Mexico

Europe

UK

Germany

France

Italy

Rest of Europe

Asia-Pacific

China

Japan

India

South Korea

Rest of Asia-Pacific

LAMEA

Latin America

Middle East

Africa

## KEY MARKET PLAYERS

Infineon Technologies AG

Analog Devices, Inc.

NXP Semiconductors

On Semiconductor,

ROHM Semiconductors,

Renesas Electronics

ST Microelectronics

Qualcomm Technologies, Inc.

Texas Instruments

Toshiba Corporation

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