

Audio CODEC Market By Function (With DSP and Without DSP) and End Use (Computer, Phone, Tablet, Over-Ear Headphone, TWS, Home Entertainment, Commercial, Automotive, Portable, Smart Home, IoT, Wearable, and AR/VR): Global Opportunity Analysis and Industry Forecast, 2020–2027

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Abstracts

The global audio CODEC market was valued at \$11.44 billion in 2019, and is projected to reach \$14.12 billion by 2027, registering a CAGR of 4.1% from 2020 to 2027. Audio CODECs are data converters that convert analog signal of audio to digital and back from digital to analog. They are primarily used for coding, decoding, compressing, and decompressing audio. They find major applications in consumer electronics. In addition, it also finds applications in automotive, entertainment, and gaming industries.

Surge in adoption smartphones majorly drives growth of the audio CODEC market to deliver seamless performance of audio communication. Moreover, demand for energy efficient audio systems, emergence of IoT-enabled devices, and rise in per capita income are expected to boost the market growth. Furthermore, surge in demand for automotive infotainment, adoption of virtual reality technology, and growth in demand for gaming consoles are expected to provide lucrative growth opportunities for the market. However, emergence of SoC is expected to hinder growth of the audio CODEC market.

The global audio CODEC market is analyzed on the basis of function, end use, and region. By function, it is fragmented into with DSP and without DSP. On the basis of end use, it is segregated into computer, phone, tablet, over-ear headphone, TWS, home entertainment, commercial, automotive, portable, smart home, IoT, wearable, and

AR/VR. Region wise, the audio CODEC market is analyzed across North America (the U.S., Canada, and Mexico), Europe (the UK, Germany, France, and rest of Europe), Asia-Pacific (China, India, Japan, and rest of Asia-Pacific), and LAMEA (Latin America, the Middle East, and Africa).

The key players operating in the market include Analog Devices, Cirrus Logic, CML Microelectronics, Dialog Semiconductor, DSP Group, Maxim Integrated, Realtek Semiconductor, ROHM CO., LTD., STMicroelectronics, and Texas Instruments. These key players have adopted various strategies, such as product portfolio expansion, mergers & acquisitions, agreements, geographical expansion, and collaborations, to increase their market penetration and strengthen their foothold in the industry.

Audio CODEC Market Key Segments

By Function

With DSP

Without DSP

By End Use

Computer

Phones

Tablets

Over-ear Headphones

TWS

Home Entertainment

Commercial

Automotive

Portable

Smart Home

IoT

Wearable

AR/VR

By Region

North America

U.S.

Canada

Mexico

Europe

UK

Germany

France

Rest of Europe

Asia-Pacific

China

India

Japan

Rest of Asia-Pacific

LAMEA

Latin America

Middle East

Africa

Key Market Players

Analog Devices

Cirrus Logic

CML Microelectronics

Dialog Semiconductor

DSP Group

Maxim Integrated

Realtek Semiconductor

ROHM CO. LTD.

STMicroelectronics

Texas Instruments

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