

# **Global Smartphone Audio Codecs Market Size study, by Component (Hardware, Software), by Converter Type (Analog-to-Digital Converter, Digital-to-Analog Converter), by Application (Automobile, Television Sets, Smartphones and Tablets, Desktop and Laptops, Head Sets and Wearable Devices, Music & Media Devices and Home Theatres, Gaming Consoles, Others) and Regional Forecasts 2022-2032**

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## **Abstracts**

The Global Smartphone Audio Codecs Market was valued at approximately USD 7.13 billion in 2023 and is projected to grow at a robust CAGR of 5.70% from 2024 to 2032. A smartphone audio codec is a critical component in mobile devices, responsible for coding and decoding digital audio streams. It encompasses various elements such as signal routing and mixing channels, microphone and line inputs, amplifier blocks, digital-to-analog (DAC) converters, and analog-to-digital (ADC) converters.

The increasing internet penetration and data traffic are significant drivers of the market, further fuelled by the low cost of smartphone audio codecs. However, the complex structure of these audio codecs may pose a challenge to market growth. The growing adoption of smartphones presents a substantial opportunity for key players in the smartphone audio codecs market, offering avenues for innovation and expansion. Moreover, regulatory standards and industry collaborations play a role in shaping market dynamics, influencing the adoption and implementation of standardized audio codecs across smartphone models. Additionally, advancements in power efficiency and integration of audio processing capabilities within system-on-chip (SoC) designs contribute to optimizing battery life and overall smartphone performance. In addition,

Advancements in the telecommunications network and audio technology are creating new opportunities to the market growth. However, High battery consumption by audio codecs and high cost of product is hampering the market growth.

Key regions considered in the Global Smartphone Audio Codecs Market study include North America, Europe, Asia Pacific, Latin America, and the Middle East & Africa. In year 2023, North America is the leading region in the Global Smartphone Audio Codecs Market. This leadership position is primarily attributed to several key factors. Firstly, North America is home to some of the world's largest smartphone manufacturers and technology innovators, including Apple and Qualcomm, which are pivotal in driving advancements in smartphone audio technologies and codecs. The region has a strong consumer base that values high-quality audio experiences, driving demand for smartphones equipped with advanced audio codecs. Consumers in North America often prioritize superior sound quality for music streaming, gaming, and multimedia consumption, which fuels the adoption of smartphones featuring premium audio capabilities. Furthermore, North America benefits from a robust ecosystem of audio technology developers, chipset manufacturers, and wireless carriers that collaborate to integrate and optimize audio codecs within smartphone designs. This collaborative environment fosters innovation and ensures that North American smartphone offerings remain at the forefront of audio performance and technology. On the other hand, Asia Pacific is projected to registered fastest growth during the projected period 2024-2032, The Asia-Pacific region has witnessed rapid adoption and penetration of smartphones, driven by increasing affordability, expanding middle-class population, and improving internet infrastructure. This large and growing base of smartphone users creates substantial demand for smartphones with enhanced audio capabilities, including advanced audio codecs.

Major market players included in this report are:

Advanced Micro Devices, Inc.

Ams-OSRAM AG

Analog Devices, Inc.

AntennaWare Limited

Ateme S.A.

Axis Communications AB

Barix AG

Bluetooth SIG, Inc.

Broadcom Inc.

Canecom Ltd.

Cirrus Logic Inc.

CML Microcircuits (UK) Ltd.

Digigram

DSP Group, Inc.

GL Communications, Inc.

The detailed segments and sub-segment of the market are explained below:

By Component

Hardware

Software

By Converter Type

Analog-to-Digital Converter

Digital-to-Analog Converter

By Application

Automobile

Television Sets

Smartphones and Tablets

Desktop and Laptops

Head Sets and Wearable Devices

Music & Media Devices and Home Theatres

Gaming Consoles

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Italy

Spain

Rest of Europe

Asia Pacific

China

India

Japan

Australia

South Korea

Rest of Asia Pacific

Latin America

Brazil

Mexico

Rest of Latin America

Middle East and Africa

Saudi Arabia

South Africa

Rest of Middle East and Africa

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional level analysis for each market segment.

*Global Smartphone Audio Codecs Market Size study, by Component (Hardware, Software), by Converter Type (Analog...*

Detailed analysis of geographical landscape with country-level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

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