

Global Analog ICs Market 2023-2029

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Abstracts

Analog ICs operate on continuous electrical signals, in contrast to digital ICs that operate on discrete signals. They are commonly used in a wide range of applications where precise control over voltage, current, and signal amplification is required, such as in audio amplifiers, power management systems, and sensor interfaces. Advances in analog IC technology have led to the development of highly integrated circuits with better accuracy, lower power consumption, and smaller form factors, enabling new applications in areas such as Internet of Things (IoT) and wearable devices. According to the latest estimates, the global analog ICs market is set to achieve an incremental growth of USD 44.0 billion, accelerating at a CAGR of almost 6.8% during the forecast period 2023-2029.

The report covers market size and growth, segmentation, regional breakdowns, competitive landscape, trends and strategies for global analog ICs market. It presents a quantitative analysis of the market to enable stakeholders to capitalize on the prevailing market opportunities. The report also identifies top segments for opportunities and strategies based on market trends and leading competitors' approaches.

This industry report offers market estimates and forecasts of the global market, followed by a detailed analysis of the type, application-specific IC, and region. The global market for analog ICs can be segmented by type: general-purpose IC, application-specific IC. Globally, the application-specific IC segment made up the largest share of the analog ICs market. Analog ICs market is further segmented by application-specific IC: consumer, automotive, communication, computer, others. The communication segment captured the largest share of the market in 2022. Based on region, the analog ICs market is segmented into: Americas, Europe, Japan, China, Rest of the World. According to the research, China had the largest share in the global analog ICs market.

The general-purpose IC market is further segmented into interface, power management,

signal conversion, amplifiers/comparators (signal conditioning). The power management segment was the largest contributor to the global analog ICs market in 2022. Furthermore, the consumer market has been categorized into audio/video, digital still camera and camcorder, others. The audio/video segment is estimated to account for the largest share of the global analog ICs market. The automotive market is further divided into infotainment, other infotainment. The other infotainment segment held the largest share of the global analog ICs market in 2022 and is anticipated to hold its share during the forecast period. The communication market is further segmented into cell phone, infrastructure, wired communication, other wireless. The cell phone segment was the largest contributor to the global analog ICs market in 2022. Furthermore, the computer market has been categorized into computer system and display, computer periphery, storage, others. The computer system and display segment is estimated to account for the largest share of the global analog ICs market.

Market Segmentation

By type: general-purpose IC, application-specific IC

By application-specific IC: consumer, automotive, communication, computer, others

By region: Americas, Europe, Japan, China, Rest of the World

The report also provides a detailed analysis of several leading analog ICs market vendors that include Analog Devices Inc., Infineon Technologies AG, Microchip Technology Inc., NXP Semiconductors N.V., ON Semiconductor, Qorvo Inc., Renesas Electronics Corporation, Skyworks Solutions Inc., STMicroelectronics N.V., Texas Instruments Incorporated, among others. In this report, key players and their strategies are thoroughly analyzed to understand the competitive outlook of the market.

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Scope of the Report

To analyze and forecast the market size of the global analog ICs market.

To classify and forecast the global analog ICs market based on type, application-specific IC, region.

To identify drivers and challenges for the global analog ICs market.

To examine competitive developments such as mergers & acquisitions, agreements, collaborations and partnerships, etc., in the global analog ICs market.

To identify and analyze the profile of leading players operating in the global analog ICs market.

Why Choose This Report

Gain a reliable outlook of the global analog ICs market forecasts from 2023 to 2029

across scenarios.

Identify growth segments for investment.

Stay ahead of competitors through company profiles and market data.

The market estimate for ease of analysis across scenarios in Excel format.

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ON Semiconductor
Qorvo Inc.
Renesas Electronics Corporation
Skyworks Solutions Inc.
STMicroelectronics N.V.
Texas Instruments Incorporated

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