

# Global Delta-Sigma ADC Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

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## Abstracts

According to our (Global Info Research) latest study, the global Delta-Sigma ADC market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

The delta-sigma analog-to-digital converter is a high-precision, high-speed analog-to-digital converter, which is often used in audio, communication, sensors and other fields. It is an analog-to-digital converter based on the principle of 'oversampling', which generates a high-speed band-pass noise signal by integrating the analog input signal with a high-frequency triangle wave, and then digitizes it to obtain higher resolution and Lower noise level. The delta-sigma analog-to-digital converter is usually composed of modules such as a preamplifier, a sample-and-hold circuit, an integrator, a comparator, and a digital filter. Among them, the preamplifier is used to amplify the analog input signal, the sample and hold circuit is used to sample and hold the analog input signal, the integrator is used to integrate the analog input signal with the high frequency triangular wave, and the comparator is used to compare the integrated signal with the reference The voltage is compared, and the digital filter is used to perform digital filtering on the comparison result to obtain the output digital code.

This report is a detailed and comprehensive analysis for global Delta-Sigma ADC market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some

of the selected leaders for the year 2023, are provided.

#### Key Features:

Global Delta-Sigma ADC market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global Delta-Sigma ADC market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global Delta-Sigma ADC market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global Delta-Sigma ADC market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2018-2023

#### The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Delta-Sigma ADC

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Delta-Sigma ADC market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include ams OSRAM, Analog Devices Inc., Asahi Kasei Microdevices, Cirrus Logic Inc. and Microchip Technology, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

#### Market Segmentation

Delta-Sigma ADC market is split by Type and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

#### Market segment by Type

Single-Ended Input

Differential Input

#### Market segment by Application

Electronic

Industrial

Medical

Automobile

Communication

Other

#### Major players covered

ams OSRAM

Analog Devices Inc.

Asahi Kasei Microdevices

Cirrus Logic Inc.

Microchip Technology

Nuvoton Technology Corporation

NXP USA Inc.

Renesas Electronics America Inc

Texas Instruments

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Delta-Sigma ADC product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Delta-Sigma ADC, with price, sales, revenue and global market share of Delta-Sigma ADC from 2018 to 2023.

Chapter 3, the Delta-Sigma ADC competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Delta-Sigma ADC breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share

and growth rate by type, application, from 2018 to 2029.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2022. and Delta-Sigma ADC market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of Delta-Sigma ADC.

Chapter 14 and 15, to describe Delta-Sigma ADC sales channel, distributors, customers, research findings and conclusion.

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