

# Global Sigma-Delta Converters Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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## Abstracts

According to our (Global Info Research) latest study, the global Sigma-Delta Converters market size was valued at US\$ 5001 million in 2025 and is forecast to a readjusted size of US\$ 8375 million by 2032 with a CAGR of 7.6% during review period.

In 2025, global Sigma-Delta Converter output reached about 3.6 billion unit and global capacity of around 5.5 billion unit. The average price is about USD 1.35 per unit, with gross margins near 53%. Sigma-Delta Converters are high-precision data converters (mainly ADCs and DACs) that use oversampling, noise shaping, and digital filtering to achieve high resolution and low noise, making them ideal for applications like audio, sensors, and industrial measurement. Their supply chain includes upstream semiconductor materials and EDA tools, midstream IC designers (fabless and IDMs), foundries, and OSAT providers for fabrication and packaging, and downstream OEMs integrating them into systems such as audio devices, industrial equipment, automotive electronics, and medical instruments.

This report is a detailed and comprehensive analysis for global Sigma-Delta Converters 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 2025, are provided.

## Key Features:

Global Sigma-Delta Converters market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Sigma-Delta Converters market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Sigma-Delta Converters market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Sigma-Delta Converters market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2021-2026

### **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 Sigma-Delta Converters
- 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 Sigma-Delta Converters market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Analog Devices, Texas Instruments, STMicroelectronics, Infineon, NXP Semiconductors, Renesas Electronics, Microchip, ON Semiconductor, ROHM Semiconductor, Asahi Kasei Microdevices, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

### **Market Segmentation**

Sigma-Delta Converters market is split by Type and by Application. For the period 2021-2032, 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

Sigma-Delta Analog-to-Digital Converters

Sigma-Delta Digital-to-Analog Converters

## Market segment by Sampling Method

Continuous Time Method

Discrete Time Method

## Market segment by Application

Consumer Electronics

Industrial Equipment

Medical Devices

Automotive

Telecommunications

Others

## Major players covered

Analog Devices

Texas Instruments

STMicroelectronics

Infineon

NXP Semiconductors

Renesas Electronics

Microchip

ON Semiconductor

ROHM Semiconductor

Asahi Kasei Microdevices

Realtek Semiconductor

Nisshinbo Micro Devices

Qualcomm Technologies

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 Sigma-Delta Converters product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Sigma-Delta Converters, with price, sales quantity, revenue, and global market share of Sigma-Delta Converters from 2021 to 2026.

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

contrast.

Chapter 4, the Sigma-Delta Converters breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

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 2021 to 2026. and Sigma-Delta Converters market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

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

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

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