

# Global Analog-to-Digital Converters Market Size, Manufacturers, Growth Analysis Industry Forecast to 2030

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## Abstracts

### Summary

Analog-to-digital converter is an electronic integrated circuit which transforms a signal from analog (continuous) to digital (discrete) form. ADC provides a link between the analog world of transducers and the digital world of signal processing and data handling. ADC is used virtually everywhere where an analog signal has to be processed, stored, or transported in digital form. Some examples of ADC usage are digital volt meters, cell phone, thermocouples, and digital oscilloscope.

According to APO Research, The global Analog-to-Digital Converters market is projected to grow from US\$ million in 2024 to US\$ million by 2030, at a Compound Annual Growth Rate (CAGR) of % during the forecast period.

North American market for Analog-to-Digital Converters is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

Asia-Pacific market for Analog-to-Digital Converters is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

The China market for Analog-to-Digital Converters is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

Europe market for Analog-to-Digital Converters is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

The major global manufacturers of Analog-to-Digital Converters include ADI, TI, Maxim, Intersil, STM, ON Semiconductor, Microchip, NXP and Cirrus Logic, etc. In 2023, the world's top three vendors accounted for approximately % of the revenue.

This report presents an overview of global market for Analog-to-Digital Converters, sales, revenue and price. Analyses of the global market trends, with historic market revenue or sales data for 2019 - 2023, estimates for 2024, and projections of CAGR through 2030.

This report researches the key producers of Analog-to-Digital Converters, also provides the sales of main regions and countries. Of the upcoming market potential for Analog-to-Digital Converters, and key regions or countries of focus to forecast this market into various segments and sub-segments. Country specific data and market value analysis for the U.S., Canada, Mexico, Brazil, China, Japan, South Korea, Southeast Asia, India, Germany, the U.K., Italy, Middle East, Africa, and Other Countries.

This report focuses on the Analog-to-Digital Converters sales, revenue, market share and industry ranking of main manufacturers, data from 2019 to 2024. Identification of the major stakeholders in the global Analog-to-Digital Converters market, and analysis of their competitive landscape and market positioning based on recent developments and segmental revenues. This report will help stakeholders to understand the competitive landscape and gain more insights and position their businesses and market strategies in a better way.

This report analyzes the segments data by Type and by Application, sales, revenue, and price, from 2019 to 2030. Evaluation and forecast the market size for Analog-to-Digital Converters sales, projected growth trends, production technology, application and end-user industry.

Analog-to-Digital Converters segment by Company

ADI

TI

Maxim

Intersil

STM

ON Semiconductor

Microchip

NXP

Cirrus Logic

XILINX

#### Analog-to-Digital Converters segment by Type

Pipeline ADC

SAR ADC

SigmaDelta ADC

Flash ADC

Others Type ADC

#### Analog-to-Digital Converters segment by Application

Consumer Electronics

Communications

Automotive

Industrials

## Analog-to-Digital Converters segment by Region

### North America

U.S.

Canada

### Europe

Germany

France

U.K.

Italy

Russia

### Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

Middle East & Africa

Turkey

Saudi Arabia

UAE

### Study Objectives

1. To analyze and research the global Analog-to-Digital Converters status and future forecast, involving, sales, revenue, growth rate (CAGR), market share, historical and forecast.
2. To present the key manufacturers, sales, revenue, market share, and Recent Developments.
3. To split the breakdown data by regions, type, manufacturers, and Application.
4. To analyze the global and key regions Analog-to-Digital Converters market potential and advantage, opportunity and challenge, restraints, and risks.
5. To identify Analog-to-Digital Converters significant trends, drivers, influence factors in global and regions.
6. To analyze Analog-to-Digital Converters competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

## Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Analog-to-Digital Converters market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of Analog-to-Digital Converters and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in sales and value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market.
5. This report helps stakeholders to gain insights into which regions to target globally.
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Analog-to-Digital Converters.
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

## Chapter Outline

Chapter 1: Provides an overview of the Analog-to-Digital Converters market, including product definition, global market growth prospects, sales value, sales volume, and average price forecasts (2019-2030).

Chapter 2: Analysis key trends, drivers, challenges, and opportunities within the global

Analog-to-Digital Converters industry.

Chapter 3: Detailed analysis of Analog-to-Digital Converters manufacturers competitive landscape, price, sales and revenue market share, latest development plan, merger, and acquisition information, etc.

Chapter 4: Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 5: Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 6: Sales and value of Analog-to-Digital Converters in regional level. It provides a quantitative analysis of the market size and development potential of each region and introduces the market development, future development prospects, market space, and market size of each country in the world.

Chapter 7: Sales and value of Analog-to-Digital Converters in country level. It provides sigmate data by type, and by application for each country/region.

Chapter 8: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product sales, revenue, price, gross margin, product introduction, recent development, etc.

Chapter 9: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10: Concluding Insights.

## Contents

### **1 MARKET OVERVIEW**

- 1.1 Product Definition
- 1.2 Global Market Growth Prospects
  - 1.2.1 Global Analog-to-Digital Converters Sales Value (2019-2030)
  - 1.2.2 Global Analog-to-Digital Converters Sales Volume (2019-2030)
  - 1.2.3 Global Analog-to-Digital Converters Sales Average Price (2019-2030)
- 1.3 Assumptions and Limitations
- 1.4 Study Goals and Objectives

### **2 ANALOG-TO-DIGITAL CONVERTERS MARKET DYNAMICS**

- 2.1 Analog-to-Digital Converters Industry Trends
- 2.2 Analog-to-Digital Converters Industry Drivers
- 2.3 Analog-to-Digital Converters Industry Opportunities and Challenges
- 2.4 Analog-to-Digital Converters Industry Restraints

### **3 ANALOG-TO-DIGITAL CONVERTERS MARKET BY COMPANY**

- 3.1 Global Analog-to-Digital Converters Company Revenue Ranking in 2023
- 3.2 Global Analog-to-Digital Converters Revenue by Company (2019-2024)
- 3.3 Global Analog-to-Digital Converters Sales Volume by Company (2019-2024)
- 3.4 Global Analog-to-Digital Converters Average Price by Company (2019-2024)
- 3.5 Global Analog-to-Digital Converters Company Ranking, 2022 VS 2023 VS 2024
- 3.6 Global Analog-to-Digital Converters Company Manufacturing Base & Headquarters
- 3.7 Global Analog-to-Digital Converters Company, Product Type & Application
- 3.8 Global Analog-to-Digital Converters Company Commercialization Time
- 3.9 Market Competitive Analysis
  - 3.9.1 Global Analog-to-Digital Converters Market CR5 and HHI
  - 3.9.2 Global Top 5 and 10 Company Market Share by Revenue in 2023
  - 3.9.3 2023 Analog-to-Digital Converters Tier 1, Tier 2, and Tier
- 3.10 Mergers & Acquisitions, Expansion

### **4 ANALOG-TO-DIGITAL CONVERTERS MARKET BY TYPE**

- 4.1 Analog-to-Digital Converters Type Introduction
  - 4.1.1 Pipeline ADC



- 4.1.2 SAR ADC
- 4.1.3 SigmaDelta ADC
- 4.1.4 Flash ADC
- 4.1.5 Others Type ADC
- 4.2 Global Analog-to-Digital Converters Sales Volume by Type
  - 4.2.1 Global Analog-to-Digital Converters Sales Volume by Type (2019 VS 2023 VS 2030)
  - 4.2.2 Global Analog-to-Digital Converters Sales Volume by Type (2019-2030)
  - 4.2.3 Global Analog-to-Digital Converters Sales Volume Share by Type (2019-2030)
- 4.3 Global Analog-to-Digital Converters Sales Value by Type
  - 4.3.1 Global Analog-to-Digital Converters Sales Value by Type (2019 VS 2023 VS 2030)
  - 4.3.2 Global Analog-to-Digital Converters Sales Value by Type (2019-2030)
  - 4.3.3 Global Analog-to-Digital Converters Sales Value Share by Type (2019-2030)

## **5 ANALOG-TO-DIGITAL CONVERTERS MARKET BY APPLICATION**

- 5.1 Analog-to-Digital Converters Application Introduction
  - 5.1.1 Consumer Electronics
  - 5.1.2 Communications
  - 5.1.3 Automotive
  - 5.1.4 Industrials
- 5.2 Global Analog-to-Digital Converters Sales Volume by Application
  - 5.2.1 Global Analog-to-Digital Converters Sales Volume by Application (2019 VS 2023 VS 2030)
  - 5.2.2 Global Analog-to-Digital Converters Sales Volume by Application (2019-2030)
  - 5.2.3 Global Analog-to-Digital Converters Sales Volume Share by Application (2019-2030)
- 5.3 Global Analog-to-Digital Converters Sales Value by Application
  - 5.3.1 Global Analog-to-Digital Converters Sales Value by Application (2019 VS 2023 VS 2030)
  - 5.3.2 Global Analog-to-Digital Converters Sales Value by Application (2019-2030)
  - 5.3.3 Global Analog-to-Digital Converters Sales Value Share by Application (2019-2030)

## **6 ANALOG-TO-DIGITAL CONVERTERS MARKET BY REGION**

- 6.1 Global Analog-to-Digital Converters Sales by Region: 2019 VS 2023 VS 2030
- 6.2 Global Analog-to-Digital Converters Sales by Region (2019-2030)

- 6.2.1 Global Analog-to-Digital Converters Sales by Region: 2019-2024
- 6.2.2 Global Analog-to-Digital Converters Sales by Region (2025-2030)
- 6.3 Global Analog-to-Digital Converters Sales Value by Region: 2019 VS 2023 VS 2030
- 6.4 Global Analog-to-Digital Converters Sales Value by Region (2019-2030)
  - 6.4.1 Global Analog-to-Digital Converters Sales Value by Region: 2019-2024
  - 6.4.2 Global Analog-to-Digital Converters Sales Value by Region (2025-2030)
- 6.5 Global Analog-to-Digital Converters Market Price Analysis by Region (2019-2024)
- 6.6 North America
  - 6.6.1 North America Analog-to-Digital Converters Sales Value (2019-2030)
  - 6.6.2 North America Analog-to-Digital Converters Sales Value Share by Country, 2023 VS 2030
- 6.7 Europe
  - 6.7.1 Europe Analog-to-Digital Converters Sales Value (2019-2030)
  - 6.7.2 Europe Analog-to-Digital Converters Sales Value Share by Country, 2023 VS 2030
- 6.8 Asia-Pacific
  - 6.8.1 Asia-Pacific Analog-to-Digital Converters Sales Value (2019-2030)
  - 6.8.2 Asia-Pacific Analog-to-Digital Converters Sales Value Share by Country, 2023 VS 2030
- 6.9 Latin America
  - 6.9.1 Latin America Analog-to-Digital Converters Sales Value (2019-2030)
  - 6.9.2 Latin America Analog-to-Digital Converters Sales Value Share by Country, 2023 VS 2030
- 6.10 Middle East & Africa
  - 6.10.1 Middle East & Africa Analog-to-Digital Converters Sales Value (2019-2030)
  - 6.10.2 Middle East & Africa Analog-to-Digital Converters Sales Value Share by Country, 2023 VS 2030

## **7 ANALOG-TO-DIGITAL CONVERTERS MARKET BY COUNTRY**

- 7.1 Global Analog-to-Digital Converters Sales by Country: 2019 VS 2023 VS 2030
- 7.2 Global Analog-to-Digital Converters Sales Value by Country: 2019 VS 2023 VS 2030
- 7.3 Global Analog-to-Digital Converters Sales by Country (2019-2030)
  - 7.3.1 Global Analog-to-Digital Converters Sales by Country (2019-2024)
  - 7.3.2 Global Analog-to-Digital Converters Sales by Country (2025-2030)
- 7.4 Global Analog-to-Digital Converters Sales Value by Country (2019-2030)
  - 7.4.1 Global Analog-to-Digital Converters Sales Value by Country (2019-2024)
  - 7.4.2 Global Analog-to-Digital Converters Sales Value by Country (2025-2030)

## 7.5 USA

7.5.1 Global Analog-to-Digital Converters Sales Value Growth Rate (2019-2030)

7.5.2 Global Analog-to-Digital Converters Sales Value Share by Type, 2023 VS 2030

7.5.3 Global Analog-to-Digital Converters Sales Value Share by Application, 2023 VS 2030

## 7.6 Canada

7.6.1 Global Analog-to-Digital Converters Sales Value Growth Rate (2019-2030)

7.6.2 Global Analog-to-Digital Converters Sales Value Share by Type, 2023 VS 2030

7.6.3 Global Analog-to-Digital Converters Sales Value Share by Application, 2023 VS 2030

## 7.7 Germany

7.7.1 Global Analog-to-Digital Converters Sales Value Growth Rate (2019-2030)

7.7.2 Global Analog-to-Digital Converters Sales Value Share by Type, 2023 VS 2030

7.7.3 Global Analog-to-Digital Converters Sales Value Share by Application, 2023 VS 2030

## 7.8 France

7.8.1 Global Analog-to-Digital Converters Sales Value Growth Rate (2019-2030)

7.8.2 Global Analog-to-Digital Converters Sales Value Share by Type, 2023 VS 2030

7.8.3 Global Analog-to-Digital Converters Sales Value Share by Application, 2023 VS 2030

## 7.9 U.K.

7.9.1 Global Analog-to-Digital Converters Sales Value Growth Rate (2019-2030)

7.9.2 Global Analog-to-Digital Converters Sales Value Share by Type, 2023 VS 2030

7.9.3 Global Analog-to-Digital Converters Sales Value Share by Application, 2023 VS 2030

## 7.10 Italy

7.10.1 Global Analog-to-Digital Converters Sales Value Growth Rate (2019-2030)

7.10.2 Global Analog-to-Digital Converters Sales Value Share by Type, 2023 VS 2030

7.10.3 Global Analog-to-Digital Converters Sales Value Share by Application, 2023 VS 2030

## 7.11 Netherlands

7.11.1 Global Analog-to-Digital Converters Sales Value Growth Rate (2019-2030)

7.11.2 Global Analog-to-Digital Converters Sales Value Share by Type, 2023 VS 2030

7.11.3 Global Analog-to-Digital Converters Sales Value Share by Application, 2023 VS 2030

## 7.12 Nordic Countries

7.12.1 Global Analog-to-Digital Converters Sales Value Growth Rate (2019-2030)

7.12.2 Global Analog-to-Digital Converters Sales Value Share by Type, 2023 VS 2030

7.12.3 Global Analog-to-Digital Converters Sales Value Share by Application, 2023 VS 2030

2030

7.13 China

7.13.1 Global Analog-to-Digital Converters Sales Value Growth Rate (2019-2030)

7.13.2 Global Analog-to-Digital Converters Sales Value Share by Type, 2023 VS 2030

7.13.3 Global Analog-to-Digital Converters Sales Value Share by Application, 2023 VS

2030

7.14 Japan

7.14.1 Global Analog-to-Digital Converters Sales Value Growth Rate (2019-2030)

7.14.2 Global Analog-to-Digital Converters Sales Value Share by Type, 2023 VS 2030

7.14.3 Global Analog-to-Digital Converters Sales Value Share by Application, 2023 VS

2030

7.15 South Korea

7.15.1 Global Analog-to-Digital Converters Sales Value Growth Rate (2019-2030)

7.15.2 Global Analog-to-Digital Converters Sales Value Share by Type, 2023 VS 2030

7.15.3 Global Analog-to-Digital Converters Sales Value Share by Application, 2023 VS

2030

7.16 Southeast Asia

7.16.1 Global Analog-to-Digital Converters Sales Value Growth Rate (2019-2030)

7.16.2 Global Analog-to-Digital Converters Sales Value Share by Type, 2023 VS 2030

7.16.3 Global Analog-to-Digital Converters Sales Value Share by Application, 2023 VS

2030

7.17 India

7.17.1 Global Analog-to-Digital Converters Sales Value Growth Rate (2019-2030)

7.17.2 Global Analog-to-Digital Converters Sales Value Share by Type, 2023 VS 2030

7.17.3 Global Analog-to-Digital Converters Sales Value Share by Application, 2023 VS

2030

7.18 Australia

7.18.1 Global Analog-to-Digital Converters Sales Value Growth Rate (2019-2030)

7.18.2 Global Analog-to-Digital Converters Sales Value Share by Type, 2023 VS 2030

7.18.3 Global Analog-to-Digital Converters Sales Value Share by Application, 2023 VS

2030

7.19 Mexico

7.19.1 Global Analog-to-Digital Converters Sales Value Growth Rate (2019-2030)

7.19.2 Global Analog-to-Digital Converters Sales Value Share by Type, 2023 VS 2030

7.19.3 Global Analog-to-Digital Converters Sales Value Share by Application, 2023 VS

2030

7.20 Brazil

7.20.1 Global Analog-to-Digital Converters Sales Value Growth Rate (2019-2030)

7.20.2 Global Analog-to-Digital Converters Sales Value Share by Type, 2023 VS 2030

7.20.3 Global Analog-to-Digital Converters Sales Value Share by Application, 2023 VS 2030

7.21 Turkey

7.21.1 Global Analog-to-Digital Converters Sales Value Growth Rate (2019-2030)

7.21.2 Global Analog-to-Digital Converters Sales Value Share by Type, 2023 VS 2030

7.21.3 Global Analog-to-Digital Converters Sales Value Share by Application, 2023 VS 2030

7.22 Saudi Arabia

7.22.1 Global Analog-to-Digital Converters Sales Value Growth Rate (2019-2030)

7.22.2 Global Analog-to-Digital Converters Sales Value Share by Type, 2023 VS 2030

7.22.3 Global Analog-to-Digital Converters Sales Value Share by Application, 2023 VS 2030

7.23 UAE

7.23.1 Global Analog-to-Digital Converters Sales Value Growth Rate (2019-2030)

7.23.2 Global Analog-to-Digital Converters Sales Value Share by Type, 2023 VS 2030

7.23.3 Global Analog-to-Digital Converters Sales Value Share by Application, 2023 VS 2030

## **8 COMPANY PROFILES**

8.1 ADI

8.1.1 ADI Company Information

8.1.2 ADI Business Overview

8.1.3 ADI Analog-to-Digital Converters Sales, Value and Gross Margin (2019-2024)

8.1.4 ADI Analog-to-Digital Converters Product Portfolio

8.1.5 ADI Recent Developments

8.2 TI

8.2.1 TI Company Information

8.2.2 TI Business Overview

8.2.3 TI Analog-to-Digital Converters Sales, Value and Gross Margin (2019-2024)

8.2.4 TI Analog-to-Digital Converters Product Portfolio

8.2.5 TI Recent Developments

8.3 Maxim

8.3.1 Maxim Company Information

8.3.2 Maxim Business Overview

8.3.3 Maxim Analog-to-Digital Converters Sales, Value and Gross Margin (2019-2024)

8.3.4 Maxim Analog-to-Digital Converters Product Portfolio

8.3.5 Maxim Recent Developments

8.4 Intersil



- 8.4.1 Intersil Company Information
- 8.4.2 Intersil Business Overview
- 8.4.3 Intersil Analog-to-Digital Converters Sales, Value and Gross Margin (2019-2024)
- 8.4.4 Intersil Analog-to-Digital Converters Product Portfolio
- 8.4.5 Intersil Recent Developments
- 8.5 STM
  - 8.5.1 STM Company Information
  - 8.5.2 STM Business Overview
  - 8.5.3 STM Analog-to-Digital Converters Sales, Value and Gross Margin (2019-2024)
  - 8.5.4 STM Analog-to-Digital Converters Product Portfolio
  - 8.5.5 STM Recent Developments
- 8.6 ON Semiconductor
  - 8.6.1 ON Semiconductor Company Information
  - 8.6.2 ON Semiconductor Business Overview
  - 8.6.3 ON Semiconductor Analog-to-Digital Converters Sales, Value and Gross Margin (2019-2024)
  - 8.6.4 ON Semiconductor Analog-to-Digital Converters Product Portfolio
  - 8.6.5 ON Semiconductor Recent Developments
- 8.7 Microchip
  - 8.7.1 Microchip Company Information
  - 8.7.2 Microchip Business Overview
  - 8.7.3 Microchip Analog-to-Digital Converters Sales, Value and Gross Margin (2019-2024)
  - 8.7.4 Microchip Analog-to-Digital Converters Product Portfolio
  - 8.7.5 Microchip Recent Developments
- 8.8 NXP
  - 8.8.1 NXP Company Information
  - 8.8.2 NXP Business Overview
  - 8.8.3 NXP Analog-to-Digital Converters Sales, Value and Gross Margin (2019-2024)
  - 8.8.4 NXP Analog-to-Digital Converters Product Portfolio
  - 8.8.5 NXP Recent Developments
- 8.9 Cirrus Logic
  - 8.9.1 Cirrus Logic Company Information
  - 8.9.2 Cirrus Logic Business Overview
  - 8.9.3 Cirrus Logic Analog-to-Digital Converters Sales, Value and Gross Margin (2019-2024)
  - 8.9.4 Cirrus Logic Analog-to-Digital Converters Product Portfolio
  - 8.9.5 Cirrus Logic Recent Developments
- 8.10 XILINX

- 8.10.1 XILINX Company Information
- 8.10.2 XILINX Business Overview
- 8.10.3 XILINX Analog-to-Digital Converters Sales, Value and Gross Margin (2019-2024)
- 8.10.4 XILINX Analog-to-Digital Converters Product Portfolio
- 8.10.5 XILINX Recent Developments

## **9 VALUE CHAIN AND SALES CHANNELS ANALYSIS**

- 9.1 Analog-to-Digital Converters Value Chain Analysis
  - 9.1.1 Analog-to-Digital Converters Key Raw Materials
  - 9.1.2 Raw Materials Key Suppliers
  - 9.1.3 Manufacturing Cost Structure
  - 9.1.4 Analog-to-Digital Converters Sales Mode & Process
- 9.2 Analog-to-Digital Converters Sales Channels Analysis
  - 9.2.1 Direct Comparison with Distribution Share
  - 9.2.2 Analog-to-Digital Converters Distributors
  - 9.2.3 Analog-to-Digital Converters Customers

## **10 CONCLUDING INSIGHTS**

## **11 APPENDIX**

- 11.1 Reasons for Doing This Study
- 11.2 Research Methodology
- 11.3 Research Process
- 11.4 Authors List of This Report
- 11.5 Data Source
  - 11.5.1 Secondary Sources
  - 11.5.2 Primary Sources

## List Of Tables

### LIST OF TABLES

- Table 1. Analog-to-Digital Converters Industry Trends
- Table 2. Analog-to-Digital Converters Industry Drivers
- Table 3. Analog-to-Digital Converters Industry Opportunities and Challenges
- Table 4. Analog-to-Digital Converters Industry Restraints
- Table 5. Global Analog-to-Digital Converters Revenue by Company (US\$ Million) & (2019-2024)
- Table 6. Global Analog-to-Digital Converters Revenue Share by Company (2019-2024)
- Table 7. Global Analog-to-Digital Converters Sales Volume by Company (M Units) & (2019-2024)
- Table 8. Global Analog-to-Digital Converters Sales Volume Share by Company (2019-2024)
- Table 9. Global Analog-to-Digital Converters Average Price (USD/Unit) of Company (2019-2024)
- Table 10. Global Analog-to-Digital Converters Company Ranking, 2022 VS 2023 VS 2024 & (US\$ Million)
- Table 11. Global Analog-to-Digital Converters Key Company Manufacturing Base & Headquarters
- Table 12. Global Analog-to-Digital Converters Company, Product Type & Application
- Table 13. Global Analog-to-Digital Converters Company Commercialization Time
- Table 14. Global Company Market Concentration Ratio (CR5 and HHI)
- Table 15. Global Analog-to-Digital Converters by Company Type (Tier 1, Tier 2, and Tier 3) & (Based on Revenue of 2023)
- Table 16. Mergers & Acquisitions, Expansion
- Table 17. Major Companies of Pipeline ADC
- Table 18. Major Companies of SAR ADC
- Table 19. Major Companies of SigmaDelta ADC
- Table 20. Major Companies of Flash ADC
- Table 21. Major Companies of Others Type ADC
- Table 22. Global Analog-to-Digital Converters Sales Volume by Type 2019 VS 2023 VS 2030 (M Units)
- Table 23. Global Analog-to-Digital Converters Sales Volume by Type (2019-2024) & (M Units)
- Table 24. Global Analog-to-Digital Converters Sales Volume by Type (2025-2030) & (M Units)
- Table 25. Global Analog-to-Digital Converters Sales Volume Share by Type



(2019-2024)

Table 26. Global Analog-to-Digital Converters Sales Volume Share by Type

(2025-2030)

Table 27. Global Analog-to-Digital Converters Sales Value by Type 2019 VS 2023 VS 2030 (US\$ Million)

Table 28. Global Analog-to-Digital Converters Sales Value by Type (2019-2024) & (US\$ Million)

Table 29. Global Analog-to-Digital Converters Sales Value by Type (2025-2030) & (US\$ Million)

Table 30. Global Analog-to-Digital Converters Sales Value Share by Type (2019-2024)

Table 31. Global Analog-to-Digital Converters Sales Value Share by Type (2025-2030)

Table 32. Major Companies of Consumer Electronics

Table 33. Major Companies of Communications

Table 34. Major Companies of Automotive

Table 35. Major Companies of Industrials

Table 36. Global Analog-to-Digital Converters Sales Volume by Application 2019 VS 2023 VS 2030 (M Units)

Table 37. Global Analog-to-Digital Converters Sales Volume by Application (2019-2024) & (M Units)

Table 38. Global Analog-to-Digital Converters Sales Volume by Application (2025-2030) & (M Units)

Table 39. Global Analog-to-Digital Converters Sales Volume Share by Application (2019-2024)

Table 40. Global Analog-to-Digital Converters Sales Volume Share by Application (2025-2030)

Table 41. Global Analog-to-Digital Converters Sales Value by Application 2019 VS 2023 VS 2030 (US\$ Million)

Table 42. Global Analog-to-Digital Converters Sales Value by Application (2019-2024) & (US\$ Million)

Table 43. Global Analog-to-Digital Converters Sales Value by Application (2025-2030) & (US\$ Million)

Table 44. Global Analog-to-Digital Converters Sales Value Share by Application (2019-2024)

Table 45. Global Analog-to-Digital Converters Sales Value Share by Application (2025-2030)

Table 46. Global Analog-to-Digital Converters Sales by Region: 2019 VS 2023 VS 2030 (M Units)

Table 47. Global Analog-to-Digital Converters Sales by Region (2019-2024) & (M Units)

Table 48. Global Analog-to-Digital Converters Sales Market Share by Region

(2019-2024)

Table 49. Global Analog-to-Digital Converters Sales by Region (2025-2030) & (M Units)

Table 50. Global Analog-to-Digital Converters Sales Market Share by Region (2025-2030)

Table 51. Global Analog-to-Digital Converters Sales Value Comparison by Region: 2019 VS 2023 VS 2030 (US\$ Million)

Table 52. Global Analog-to-Digital Converters Sales Value by Region (2019-2024) & (US\$ Million)

Table 53. Global Analog-to-Digital Converters Sales Value Share by Region (2019-2024)

Table 54. Global Analog-to-Digital Converters Sales Value by Region (2025-2030) & (US\$ Million)

Table 55. Global Analog-to-Digital Converters Sales Value Share by Region (2025-2030)

Table 56. Global Analog-to-Digital Converters Market Average Price (USD/Unit) by Region (2019-2024)

Table 57. Global Analog-to-Digital Converters Market Average Price (USD/Unit) by Region (2025-2030)

Table 58. Global Analog-to-Digital Converters Sales by Country: 2019 VS 2023 VS 2030 (M Units)

Table 59. Global Analog-to-Digital Converters Sales Value by Country: 2019 VS 2023 VS 2030 (US\$ Million)

Table 60. Global Analog-to-Digital Converters Sales by Country (2019-2024) & (M Units)

Table 61. Global Analog-to-Digital Converters Sales Market Share by Country (2019-2024)

Table 62. Global Analog-to-Digital Converters Sales by Country (2025-2030) & (M Units)

Table 63. Global Analog-to-Digital Converters Sales Market Share by Country (2025-2030)

Table 64. Global Analog-to-Digital Converters Sales Value by Country (2019-2024) & (US\$ Million)

Table 65. Global Analog-to-Digital Converters Sales Value Market Share by Country (2019-2024)

Table 66. Global Analog-to-Digital Converters Sales Value by Country (2025-2030) & (US\$ Million)

Table 67. Global Analog-to-Digital Converters Sales Value Market Share by Country (2025-2030)

Table 68. ADI Company Information

Table 69. ADI Business Overview

Table 70. ADI Analog-to-Digital Converters Sales (M Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 71. ADI Analog-to-Digital Converters Product Portfolio

Table 72. ADI Recent Development

Table 73. TI Company Information

Table 74. TI Business Overview

Table 75. TI Analog-to-Digital Converters Sales (M Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 76. TI Analog-to-Digital Converters Product Portfolio

Table 77. TI Recent Development

Table 78. Maxim Company Information

Table 79. Maxim Business Overview

Table 80. Maxim Analog-to-Digital Converters Sales (M Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 81. Maxim Analog-to-Digital Converters Product Portfolio

Table 82. Maxim Recent Development

Table 83. Intersil Company Information

Table 84. Intersil Business Overview

Table 85. Intersil Analog-to-Digital Converters Sales (M Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 86. Intersil Analog-to-Digital Converters Product Portfolio

Table 87. Intersil Recent Development

Table 88. STM Company Information

Table 89. STM Business Overview

Table 90. STM Analog-to-Digital Converters Sales (M Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 91. STM Analog-to-Digital Converters Product Portfolio

Table 92. STM Recent Development

Table 93. ON Semiconductor Company Information

Table 94. ON Semiconductor Business Overview

Table 95. ON Semiconductor Analog-to-Digital Converters Sales (M Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 96. ON Semiconductor Analog-to-Digital Converters Product Portfolio

Table 97. ON Semiconductor Recent Development

Table 98. Microchip Company Information

Table 99. Microchip Business Overview

Table 100. Microchip Analog-to-Digital Converters Sales (M Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 101. Microchip Analog-to-Digital Converters Product Portfolio

Table 102. Microchip Recent Development

Table 103. NXP Company Information

Table 104. NXP Business Overview

Table 105. NXP Analog-to-Digital Converters Sales (M Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 106. NXP Analog-to-Digital Converters Product Portfolio

Table 107. NXP Recent Development

Table 108. Cirrus Logic Company Information

Table 109. Cirrus Logic Business Overview

Table 110. Cirrus Logic Analog-to-Digital Converters Sales (M Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 111. Cirrus Logic Analog-to-Digital Converters Product Portfolio

Table 112. Cirrus Logic Recent Development

Table 113. XILINX Company Information

Table 114. XILINX Business Overview

Table 115. XILINX Analog-to-Digital Converters Sales (M Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 116. XILINX Analog-to-Digital Converters Product Portfolio

Table 117. XILINX Recent Development

Table 118. Key Raw Materials

Table 119. Raw Materials Key Suppliers

Table 120. Analog-to-Digital Converters Distributors List

Table 121. Analog-to-Digital Converters Customers List

Table 122. Research Programs/Design for This Report

Table 123. Authors List of This Report

Table 124. Secondary Sources

Table 125. Primary Sources

## List Of Figures

### LIST OF FIGURES

- Figure 1. Analog-to-Digital Converters Product Picture
- Figure 2. Global Analog-to-Digital Converters Sales Value (US\$ Million), 2019 VS 2023 VS 2030
- Figure 3. Global Analog-to-Digital Converters Sales Value (2019-2030) & (US\$ Million)
- Figure 4. Global Analog-to-Digital Converters Sales (2019-2030) & (M Units)
- Figure 5. Global Analog-to-Digital Converters Sales Average Price (USD/Unit) & (2019-2030)
- Figure 6. Global Analog-to-Digital Converters Company Revenue Ranking in 2023 (US\$ Million)
- Figure 7. Global Top 5 and 10 Company Market Share by Revenue in 2023 (US\$ Million)
- Figure 8. Company Type (Tier 1, Tier 2, and Tier 3): 2019 VS 2023
- Figure 9. Pipeline ADC Picture
- Figure 10. SAR ADC Picture
- Figure 11. SigmaDelta ADC Picture
- Figure 12. Flash ADC Picture
- Figure 13. Others Type ADC Picture
- Figure 14. Global Analog-to-Digital Converters Sales Volume by Type (2019 VS 2023 VS 2030) & (M Units)
- Figure 15. Global Analog-to-Digital Converters Sales Volume Share 2019 VS 2023 VS 2030
- Figure 16. Global Analog-to-Digital Converters Sales Volume Share by Type (2019-2030)
- Figure 17. Global Analog-to-Digital Converters Sales Value by Type (2019 VS 2023 VS 2030) & (US\$ Million)
- Figure 18. Global Analog-to-Digital Converters Sales Value Share 2019 VS 2023 VS 2030
- Figure 19. Global Analog-to-Digital Converters Sales Value Share by Type (2019-2030)
- Figure 20. Consumer Electronics Picture
- Figure 21. Communications Picture
- Figure 22. Automotive Picture
- Figure 23. Industrials Picture
- Figure 24. Global Analog-to-Digital Converters Sales Volume by Application (2019 VS 2023 VS 2030) & (M Units)
- Figure 25. Global Analog-to-Digital Converters Sales Volume Share 2019 VS 2023 VS 2030

2030

Figure 26. Global Analog-to-Digital Converters Sales Volume Share by Application (2019-2030)

Figure 27. Global Analog-to-Digital Converters Sales Value by Application (2019 VS 2023 VS 2030) & (US\$ Million)

Figure 28. Global Analog-to-Digital Converters Sales Value Share 2019 VS 2023 VS 2030

Figure 29. Global Analog-to-Digital Converters Sales Value Share by Application (2019-2030)

Figure 30. Global Analog-to-Digital Converters Sales by Region: 2019 VS 2023 VS 2030 (M Units)

Figure 31. Global Analog-to-Digital Converters Sales Market Share by Region: 2019 VS 2023 VS 2030

Figure 32. Global Analog-to-Digital Converters Sales Value Comparison by Region: 2019 VS 2023 VS 2030 (US\$ Million)

Figure 33. Global Analog-to-Digital Converters Sales Value Share by Region: 2019 VS 2023 VS 2030

Figure 34. North America Analog-to-Digital Converters Sales Value (2019-2030) & (US\$ Million)

Figure 35. North America Analog-to-Digital Converters Sales Value Share by Country (%), 2023 VS 2030

Figure 36. Europe Analog-to-Digital Converters Sales Value (2019-2030) & (US\$ Million)

Figure 37. Europe Analog-to-Digital Converters Sales Value Share by Country (%), 2023 VS 2030

Figure 38. Asia-Pacific Analog-to-Digital Converters Sales Value (2019-2030) & (US\$ Million)

Figure 39. Asia-Pacific Analog-to-Digital Converters Sales Value Share by Country (%), 2023 VS 2030

Figure 40. Latin America Analog-to-Digital Converters Sales Value (2019-2030) & (US\$ Million)

Figure 41. Latin America Analog-to-Digital Converters Sales Value Share by Country (%), 2023 VS 2030

Figure 42. Middle East & Africa Analog-to-Digital Converters Sales Value (2019-2030) & (US\$ Million)

Figure 43. Middle East & Africa Analog-to-Digital Converters Sales Value Share by Country (%), 2023 VS 2030

Figure 44. USA Analog-to-Digital Converters Sales Value Growth Rate (2019-2030) & (US\$ Million)



Figure 45. USA Analog-to-Digital Converters Sales Value Share by Type, 2023 VS 2030 & (%)

Figure 46. USA Analog-to-Digital Converters Sales Value Share by Application, 2023 VS 2030 & (%)

Figure 47. Canada Analog-to-Digital Converters Sales Value Growth Rate (2019-2030) & (US\$ Million)

Figure 48. Canada Analog-to-Digital Converters Sales Value Share by Type, 2023 VS 2030 & (%)

Figure 49. Canada Analog-to-Digital Converters Sales Value Share by Application, 2023 VS 2030 & (%)

Figure 50. Germany Analog-to-Digital Converters Sales Value Growth Rate (2019-2030) & (US\$ Million)

Figure 51. Germany Analog-to-Digital Converters Sales Value Share by Type, 2023 VS 2030 & (%)

Figure 52. Germany Analog-to-Digital Converters Sales Value Share by Application, 2023 VS 2030 & (%)

Figure 53. France Analog-to-Digital Converters Sales Value Growth Rate (2019-2030) & (US\$ Million)

Figure 54. France Analog-to-Digital Converters Sales Value Share by Type, 2023 VS 2030 & (%)

Figure 55. France Analog-to-Digital Converters Sales Value Share by Application, 2023 VS 2030 & (%)

Figure 56. U.K. Analog-to-Digital Converters Sales Value Growth Rate (2019-2030) & (US\$ Million)

Figure 57. U.K. Analog-to-Digital Converters Sales Value Share by Type, 2023 VS 2030 & (%)

Figure 58. U.K. Analog-to-Digital Converters Sales Value Share by Application, 2023 VS 2030 & (%)

Figure 59. Italy Analog-to-Digital Converters Sales Value Growth Rate (2019-2030) & (US\$ Million)

Figure 60. Italy Analog-to-Digital Converters Sales Value Share by Type, 2023 VS 2030 & (%)

Figure 61. Italy Analog-to-Digital Converters Sales Value Share by Application, 2023 VS 2030 & (%)

Figure 62. Netherlands Analog-to-Digital Converters Sales Value Growth Rate (2019-2030) & (US\$ Million)

Figure 63. Netherlands Analog-to-Digital Converters Sales Value Share by Type, 2023 VS 2030 & (%)

Figure 64. Netherlands Analog-to-Digital Converters Sales Value Share by Application,

2023 VS 2030 & (%)

Figure 65. Nordic Countries Analog-to-Digital Converters Sales Value Growth Rate (2019-2030) & (US\$ Million)

Figure 66. Nordic Countries Analog-to-Digital Converters Sales Value Share by Type, 2023 VS 2030 & (%)

Figure 67. Nordic Countries Analog-to-Digital Converters Sales Value Share by Application, 2023 VS 2030 & (%)

Figure 68. China Analog-to-Digital Converters Sales Value Growth Rate (2019-2030) & (US\$ Million)

Figure 69. China Analog-to-Digital Converters Sales Value Share by Type, 2023 VS 2030 & (%)

Figure 70. China Analog-to-Digital Converters Sales Value Share by Application, 2023 VS 2030 & (%)

Figure 71. Japan Analog-to-Digital Converters Sales Value Growth Rate (2019-2030) & (US\$ Million)

Figure 72. Japan Analog-to-Digital Converters Sales Value Share by Type, 2023 VS 2030 & (%)

Figure 73. Japan Analog-to-Digital Converters Sales Value Share by Application, 2023 VS 2030 & (%)

Figure 74. South Korea Analog-to-Digital Converters Sales Value Growth Rate (2019-2030) & (US\$ Million)

Figure 75. South Korea Analog-to-Digital Converters Sales Value Share by Type, 2023 VS 2030 & (%)

Figure 76. South Korea Analog-to-Digital Converters Sales Value Share by Application, 2023 VS 2030 & (%)

Figure 77. Southeast Asia Analog-to-Digital Converters Sales Value Growth Rate (2019-2030) & (US\$ Million)

Figure 78. Southeast Asia Analog-to-Digital Converters Sales Value Share by Type, 2023 VS 2030 & (%)

Figure 79. Southeast Asia Analog-to-Digital Converters Sales Value Share by Application, 2023 VS 2030 & (%)

Figure 80. India Analog-to-Digital Converters Sales Value Growth Rate (2019-2030) & (US\$ Million)

Figure 81. India Analog-to-Digital Converters Sales Value Share by Type, 2023 VS 2030 & (%)

Figure 82. India Analog-to-Digital Converters Sales Value Share by Appli



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