

Global Analog-to-Digital Converters Market by Size, by Type, by Application, by Region, History and Forecast 2019-2030

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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.

The US & Canada 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.

In terms of production side, this report researches the Analog-to-Digital Converters production, growth rate, market share by manufacturers and by region (region level and country level), from 2019 to 2024, and forecast to 2030.

In terms of consumption side, this report focuses on the sales of Analog-to-Digital Converters by region (region level and country level), by company, by type and by application. from 2019 to 2024 and forecast to 2030.

This report presents an overview of global market for Analog-to-Digital Converters, capacity, output, 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 consumption 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 status and future forecast, involving, production, value, consumption, growth rate (CAGR), market share, historical and forecast.
2. To present the key manufacturers, capacity, production, 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 market potential and advantage, opportunity and challenge, restraints, and risks.
5. To identify significant trends, drivers, influence factors in global and regions.
6. To analyze 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 volume 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, production value, capacity, 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 market competition landscape. Including Analog-to-Digital Converters manufacturers' output value, output and average price from 2019 to 2024, as well as competition analysis indicators such as origin, product type, application, 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: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 7: Production/Production Value of Analog-to-Digital Converters by region. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 8: Consumption of Analog-to-Digital Converters in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

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

Chapter 10: Concluding Insights of the report.

Contents

1 MARKET OVERVIEW

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

2 GLOBAL 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 MANUFACTURERS

- 3.1 Global Analog-to-Digital Converters Production Value by Manufacturers (2019-2024)
- 3.2 Global Analog-to-Digital Converters Production by Manufacturers (2019-2024)
- 3.3 Global Analog-to-Digital Converters Average Price by Manufacturers (2019-2024)
- 3.4 Global Analog-to-Digital Converters Industry Manufacturers Ranking, 2022 VS 2023 VS 2024
- 3.5 Global Analog-to-Digital Converters Key Manufacturers Manufacturing Sites & Headquarters
- 3.6 Global Analog-to-Digital Converters Manufacturers, Product Type & Application
- 3.7 Global Analog-to-Digital Converters Manufacturers Commercialization Time
- 3.8 Market Competitive Analysis
 - 3.8.1 Global Analog-to-Digital Converters Market CR5 and HHI
 - 3.8.2 Global Top 5 and 10 Analog-to-Digital Converters Players Market Share by Production Value in 2023

3.8.3 2023 Analog-to-Digital Converters Tier 1, Tier 2, and Tier

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 Production by Type

4.2.1 Global Analog-to-Digital Converters Production by Type (2019 VS 2023 VS 2030)

4.2.2 Global Analog-to-Digital Converters Production by Type (2019-2030)

4.2.3 Global Analog-to-Digital Converters Production Market Share by Type (2019-2030)

4.3 Global Analog-to-Digital Converters Production Value by Type

4.3.1 Global Analog-to-Digital Converters Production Value by Type (2019 VS 2023 VS 2030)

4.3.2 Global Analog-to-Digital Converters Production Value by Type (2019-2030)

4.3.3 Global Analog-to-Digital Converters Production Value Market 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 Production by Application

5.2.1 Global Analog-to-Digital Converters Production by Application (2019 VS 2023 VS 2030)

5.2.2 Global Analog-to-Digital Converters Production by Application (2019-2030)

5.2.3 Global Analog-to-Digital Converters Production Market Share by Application (2019-2030)

5.3 Global Analog-to-Digital Converters Production Value by Application

5.3.1 Global Analog-to-Digital Converters Production Value by Application (2019 VS 2023 VS 2030)

- 5.3.2 Global Analog-to-Digital Converters Production Value by Application (2019-2030)
- 5.3.3 Global Analog-to-Digital Converters Production Value Market Share by Application (2019-2030)

6 COMPANY PROFILES

6.1 ADI

- 6.1.1 ADI Company Information
- 6.1.2 ADI Business Overview
- 6.1.3 ADI Analog-to-Digital Converters Production, Value and Gross Margin (2019-2024)
- 6.1.4 ADI Analog-to-Digital Converters Product Portfolio
- 6.1.5 ADI Recent Developments

6.2 TI

- 6.2.1 TI Company Information
- 6.2.2 TI Business Overview
- 6.2.3 TI Analog-to-Digital Converters Production, Value and Gross Margin (2019-2024)
- 6.2.4 TI Analog-to-Digital Converters Product Portfolio
- 6.2.5 TI Recent Developments

6.3 Maxim

- 6.3.1 Maxim Company Information
- 6.3.2 Maxim Business Overview
- 6.3.3 Maxim Analog-to-Digital Converters Production, Value and Gross Margin (2019-2024)
- 6.3.4 Maxim Analog-to-Digital Converters Product Portfolio
- 6.3.5 Maxim Recent Developments

6.4 Intersil

- 6.4.1 Intersil Company Information
- 6.4.2 Intersil Business Overview
- 6.4.3 Intersil Analog-to-Digital Converters Production, Value and Gross Margin (2019-2024)
- 6.4.4 Intersil Analog-to-Digital Converters Product Portfolio
- 6.4.5 Intersil Recent Developments

6.5 STM

- 6.5.1 STM Company Information
- 6.5.2 STM Business Overview
- 6.5.3 STM Analog-to-Digital Converters Production, Value and Gross Margin (2019-2024)
- 6.5.4 STM Analog-to-Digital Converters Product Portfolio

6.5.5 STM Recent Developments

6.6 ON Semiconductor

6.6.1 ON Semiconductor Company Information

6.6.2 ON Semiconductor Business Overview

6.6.3 ON Semiconductor Analog-to-Digital Converters Production, Value and Gross Margin (2019-2024)

6.6.4 ON Semiconductor Analog-to-Digital Converters Product Portfolio

6.6.5 ON Semiconductor Recent Developments

6.7 Microchip

6.7.1 Microchip Company Information

6.7.2 Microchip Business Overview

6.7.3 Microchip Analog-to-Digital Converters Production, Value and Gross Margin (2019-2024)

6.7.4 Microchip Analog-to-Digital Converters Product Portfolio

6.7.5 Microchip Recent Developments

6.8 NXP

6.8.1 NXP Company Information

6.8.2 NXP Business Overview

6.8.3 NXP Analog-to-Digital Converters Production, Value and Gross Margin (2019-2024)

6.8.4 NXP Analog-to-Digital Converters Product Portfolio

6.8.5 NXP Recent Developments

6.9 Cirrus Logic

6.9.1 Cirrus Logic Company Information

6.9.2 Cirrus Logic Business Overview

6.9.3 Cirrus Logic Analog-to-Digital Converters Production, Value and Gross Margin (2019-2024)

6.9.4 Cirrus Logic Analog-to-Digital Converters Product Portfolio

6.9.5 Cirrus Logic Recent Developments

6.10 XILINX

6.10.1 XILINX Company Information

6.10.2 XILINX Business Overview

6.10.3 XILINX Analog-to-Digital Converters Production, Value and Gross Margin (2019-2024)

6.10.4 XILINX Analog-to-Digital Converters Product Portfolio

6.10.5 XILINX Recent Developments

7 GLOBAL ANALOG-TO-DIGITAL CONVERTERS PRODUCTION BY REGION

- 7.1 Global Analog-to-Digital Converters Production by Region: 2019 VS 2023 VS 2030
- 7.2 Global Analog-to-Digital Converters Production by Region (2019-2030)
 - 7.2.1 Global Analog-to-Digital Converters Production by Region: 2019-2024
 - 7.2.2 Global Analog-to-Digital Converters Production by Region (2025-2030)
- 7.3 Global Analog-to-Digital Converters Production by Region: 2019 VS 2023 VS 2030
- 7.4 Global Analog-to-Digital Converters Production Value by Region (2019-2030)
 - 7.4.1 Global Analog-to-Digital Converters Production Value by Region: 2019-2024
 - 7.4.2 Global Analog-to-Digital Converters Production Value by Region (2025-2030)
- 7.5 Global Analog-to-Digital Converters Market Price Analysis by Region (2019-2024)
- 7.6 Regional Production Value Trends (2019-2030)
 - 7.6.1 North America Analog-to-Digital Converters Production Value (2019-2030)
 - 7.6.2 Europe Analog-to-Digital Converters Production Value (2019-2030)
 - 7.6.3 Asia-Pacific Analog-to-Digital Converters Production Value (2019-2030)
 - 7.6.4 Latin America Analog-to-Digital Converters Production Value (2019-2030)
 - 7.6.5 Middle East & Africa Analog-to-Digital Converters Production Value (2019-2030)

8 GLOBAL ANALOG-TO-DIGITAL CONVERTERS CONSUMPTION BY REGION

- 8.1 Global Analog-to-Digital Converters Consumption by Region: 2019 VS 2023 VS 2030
- 8.2 Global Analog-to-Digital Converters Consumption by Region (2019-2030)
 - 8.2.1 Global Analog-to-Digital Converters Consumption by Region (2019-2024)
 - 8.2.2 Global Analog-to-Digital Converters Consumption by Region (2025-2030)
- 8.3 North America
 - 8.3.1 North America Analog-to-Digital Converters Consumption Growth Rate by Country: 2019 VS 2023 VS 2030
 - 8.3.2 North America Analog-to-Digital Converters Consumption by Country (2019-2030)
 - 8.3.3 U.S.
 - 8.3.4 Canada
- 8.4 Europe
 - 8.4.1 Europe Analog-to-Digital Converters Consumption Growth Rate by Country: 2019 VS 2023 VS 2030
 - 8.4.2 Europe Analog-to-Digital Converters Consumption by Country (2019-2030)
 - 8.4.3 Germany
 - 8.4.4 France
 - 8.4.5 U.K.
 - 8.4.6 Italy
 - 8.4.7 Netherlands

8.5 Asia Pacific

8.5.1 Asia Pacific Analog-to-Digital Converters Consumption Growth Rate by Country:
2019 VS 2023 VS 2030

8.5.2 Asia Pacific Analog-to-Digital Converters Consumption by Country (2019-2030)

8.5.3 China

8.5.4 Japan

8.5.5 South Korea

8.5.6 Southeast Asia

8.5.7 India

8.5.8 Australia

8.6 LAMEA

8.6.1 LAMEA Analog-to-Digital Converters Consumption Growth Rate by Country:
2019 VS 2023 VS 2030

8.6.2 LAMEA Analog-to-Digital Converters Consumption by Country (2019-2030)

8.6.3 Mexico

8.6.4 Brazil

8.6.5 Turkey

8.6.6 GCC Countries

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 Production 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

11.6 Disclaimer

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 Production Value by Manufacturers (US\$ Million) & (2019-2024)
- Table 6. Global Analog-to-Digital Converters Production Value Market Share by Manufacturers (2019-2024)
- Table 7. Global Analog-to-Digital Converters Production by Manufacturers (M Units) & (2019-2024)
- Table 8. Global Analog-to-Digital Converters Production Market Share by Manufacturers
- Table 9. Global Analog-to-Digital Converters Average Price (USD/Unit) of Manufacturers (2019-2024)
- Table 10. Global Analog-to-Digital Converters Industry Manufacturers Ranking, 2022 VS 2023 VS 2024
- Table 11. Global Analog-to-Digital Converters Industry Manufacturers Ranking, 2022 VS 2023 VS 2024
- Table 12. Global Analog-to-Digital Converters Key Manufacturers Manufacturing Sites & Headquarters
- Table 13. Global Analog-to-Digital Converters Manufacturers, Product Type & Application
- Table 14. Global Analog-to-Digital Converters Manufacturers Commercialization Time
- Table 15. Global Manufacturers Market Concentration Ratio (CR5 and HHI)
- Table 16. Global Analog-to-Digital Converters by Manufacturers Type (Tier 1, Tier 2, and Tier 3) & (based on the Production Value of 2023)
- Table 17. Major Manufacturers of Pipeline ADC
- Table 18. Major Manufacturers of SAR ADC
- Table 19. Major Manufacturers of SigmaDelta ADC
- Table 20. Major Manufacturers of Flash ADC
- Table 21. Major Manufacturers of Others Type ADC
- Table 22. Global Analog-to-Digital Converters Production by type 2019 VS 2023 VS 2030 (M Units)
- Table 23. Global Analog-to-Digital Converters Production by type (2019-2024) & (M Units)
- Table 24. Global Analog-to-Digital Converters Production by type (2025-2030) & (M

Units)

Table 25. Global Analog-to-Digital Converters Production Market Share by type (2019-2024)

Table 26. Global Analog-to-Digital Converters Production Market Share by type (2025-2030)

Table 27. Global Analog-to-Digital Converters Production Value by type 2019 VS 2023 VS 2030 (M Units)

Table 28. Global Analog-to-Digital Converters Production Value by type (2019-2024) & (M Units)

Table 29. Global Analog-to-Digital Converters Production Value by type (2025-2030) & (M Units)

Table 30. Global Analog-to-Digital Converters Production Value Market Share by type (2019-2024)

Table 31. Global Analog-to-Digital Converters Production Value Market Share by type (2025-2030)

Table 32. Major Manufacturers of Consumer Electronics

Table 33. Major Manufacturers of Communications

Table 34. Major Manufacturers of Automotive

Table 35. Major Manufacturers of Industrials

Table 36. Global Analog-to-Digital Converters Production by application 2019 VS 2023 VS 2030 (M Units)

Table 37. Global Analog-to-Digital Converters Production by application (2019-2024) & (M Units)

Table 38. Global Analog-to-Digital Converters Production by application (2025-2030) & (M Units)

Table 39. Global Analog-to-Digital Converters Production Market Share by application (2019-2024)

Table 40. Global Analog-to-Digital Converters Production Market Share by application (2025-2030)

Table 41. Global Analog-to-Digital Converters Production Value by application 2019 VS 2023 VS 2030 (M Units)

Table 42. Global Analog-to-Digital Converters Production Value by application (2019-2024) & (M Units)

Table 43. Global Analog-to-Digital Converters Production Value by application (2025-2030) & (M Units)

Table 44. Global Analog-to-Digital Converters Production Value Market Share by application (2019-2024)

Table 45. Global Analog-to-Digital Converters Production Value Market Share by application (2025-2030)

Table 46. ADI Company Information

Table 47. ADI Business Overview

Table 48. ADI Analog-to-Digital Converters Production (M Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 49. ADI Analog-to-Digital Converters Product Portfolio

Table 50. ADI Recent Development

Table 51. TI Company Information

Table 52. TI Business Overview

Table 53. TI Analog-to-Digital Converters Production (M Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 54. TI Analog-to-Digital Converters Product Portfolio

Table 55. TI Recent Development

Table 56. Maxim Company Information

Table 57. Maxim Business Overview

Table 58. Maxim Analog-to-Digital Converters Production (M Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 59. Maxim Analog-to-Digital Converters Product Portfolio

Table 60. Maxim Recent Development

Table 61. Intersil Company Information

Table 62. Intersil Business Overview

Table 63. Intersil Analog-to-Digital Converters Production (M Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 64. Intersil Analog-to-Digital Converters Product Portfolio

Table 65. Intersil Recent Development

Table 66. STM Company Information

Table 67. STM Business Overview

Table 68. STM Analog-to-Digital Converters Production (M Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 69. STM Analog-to-Digital Converters Product Portfolio

Table 70. STM Recent Development

Table 71. ON Semiconductor Company Information

Table 72. ON Semiconductor Business Overview

Table 73. ON Semiconductor Analog-to-Digital Converters Production (M Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 74. ON Semiconductor Analog-to-Digital Converters Product Portfolio

Table 75. ON Semiconductor Recent Development

Table 76. Microchip Company Information

Table 77. Microchip Business Overview

Table 78. Microchip Analog-to-Digital Converters Production (M Units), Value (US\$

Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 79. Microchip Analog-to-Digital Converters Product Portfolio

Table 80. Microchip Recent Development

Table 81. NXP Company Information

Table 82. NXP Business Overview

Table 83. NXP Analog-to-Digital Converters Production (M Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 84. NXP Analog-to-Digital Converters Product Portfolio

Table 85. NXP Recent Development

Table 86. Cirrus Logic Company Information

Table 87. Cirrus Logic Business Overview

Table 88. Cirrus Logic Analog-to-Digital Converters Production (M Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 89. Cirrus Logic Analog-to-Digital Converters Product Portfolio

Table 90. Cirrus Logic Recent Development

Table 91. XILINX Company Information

Table 92. XILINX Business Overview

Table 93. XILINX Analog-to-Digital Converters Production (M Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 94. XILINX Analog-to-Digital Converters Product Portfolio

Table 95. XILINX Recent Development

Table 96. Global Analog-to-Digital Converters Production by Region: 2019 VS 2023 VS 2030 (M Units)

Table 97. Global Analog-to-Digital Converters Production by Region (2019-2024) & (M Units)

Table 98. Global Analog-to-Digital Converters Production Market Share by Region (2019-2024)

Table 99. Global Analog-to-Digital Converters Production Forecast by Region (2025-2030) & (M Units)

Table 100. Global Analog-to-Digital Converters Production Market Share Forecast by Region (2025-2030)

Table 101. Global Analog-to-Digital Converters Production Value Comparison by Region: 2019 VS 2023 VS 2030 (US\$ Million)

Table 102. Global Analog-to-Digital Converters Production Value by Region (2019-2024) & (US\$ Million)

Table 103. Global Analog-to-Digital Converters Production Value Forecast by Region (2025-2030) & (US\$ Million)

Table 104. Global Analog-to-Digital Converters Production Value Share Forecast by Region: (2025-2030) & (US\$ Million)

Table 105. Global Analog-to-Digital Converters Market Average Price (USD/Unit) by Region (2019-2024)

Table 106. Global Analog-to-Digital Converters Market Average Price (USD/Unit) by Region (2025-2030)

Table 107. Global Analog-to-Digital Converters Consumption by Region: 2019 VS 2023 VS 2030 (M Units)

Table 108. Global Analog-to-Digital Converters Consumption by Region (2019-2024) & (M Units)

Table 109. Global Analog-to-Digital Converters Consumption Market Share by Region (2019-2024)

Table 110. Global Analog-to-Digital Converters Consumption Forecasted by Region (2025-2030) & (M Units)

Table 111. Global Analog-to-Digital Converters Consumption Forecasted Market Share by Region (2025-2030)

Table 112. North America Analog-to-Digital Converters Consumption Growth Rate by Country: 2019 VS 2023 VS 2030 (M Units)

Table 113. North America Analog-to-Digital Converters Consumption by Country (2019-2024) & (M Units)

Table 114. North America Analog-to-Digital Converters Consumption by Country (2025-2030) & (M Units)

Table 115. Europe Analog-to-Digital Converters Consumption Growth Rate by Country: 2019 VS 2023 VS 2030 (M Units)

Table 116. Europe Analog-to-Digital Converters Consumption by Country (2019-2024) & (M Units)

Table 117. Europe Analog-to-Digital Converters Consumption by Country (2025-2030) & (M Units)

Table 118. Asia Pacific Analog-to-Digital Converters Consumption Growth Rate by Country: 2019 VS 2023 VS 2030 (M Units)

Table 119. Asia Pacific Analog-to-Digital Converters Consumption by Country (2019-2024) & (M Units)

Table 120. Asia Pacific Analog-to-Digital Converters Consumption by Country (2025-2030) & (M Units)

Table 121. LAMEA Analog-to-Digital Converters Consumption Growth Rate by Country: 2019 VS 2023 VS 2030 (M Units)

Table 122. LAMEA Analog-to-Digital Converters Consumption by Country (2019-2024) & (M Units)

Table 123. LAMEA Analog-to-Digital Converters Consumption by Country (2025-2030) & (M Units)

Table 124. Key Raw Materials

Table 125. Raw Materials Key Suppliers

Table 126. Analog-to-Digital Converters Distributors List

Table 127. Analog-to-Digital Converters Customers List

Table 128. Research Programs/Design for This Report

Table 129. Authors List of This Report

Table 130. Secondary Sources

Table 131. Primary Sources

List Of Figures

LIST OF FIGURES

- Figure 1. Analog-to-Digital Converters Product Picture
- Figure 2. Global Analog-to-Digital Converters Production Value (US\$ Million), 2019 VS 2023 VS 2030
- Figure 3. Global Analog-to-Digital Converters Production Value (2019-2030) & (US\$ Million)
- Figure 4. Global Analog-to-Digital Converters Production Capacity (2019-2030) & (M Units)
- Figure 5. Global Analog-to-Digital Converters Production (2019-2030) & (M Units)
- Figure 6. Global Analog-to-Digital Converters Average Price (USD/Unit) & (2019-2030)
- Figure 7. Global Top 5 and 10 Analog-to-Digital Converters Players Market Share by Production Value in 2023
- Figure 8. Manufacturers 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 Production by Type (2019 VS 2023 VS 2030) & (M Units)
- Figure 15. Global Analog-to-Digital Converters Production Market Share 2019 VS 2023 VS 2030
- Figure 16. Global Analog-to-Digital Converters Production Market Share by Type (2019-2030)
- Figure 17. Global Analog-to-Digital Converters Production Value by Type (2019 VS 2023 VS 2030) & (M Units)
- Figure 18. Global Analog-to-Digital Converters Production Value Share 2019 VS 2023 VS 2030
- Figure 19. Global Analog-to-Digital Converters Production 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 Production by Application (2019 VS 2023 VS 2030) & (M Units)

Figure 25. Global Analog-to-Digital Converters Production Market Share 2019 VS 2023 VS 2030

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

Figure 27. Global Analog-to-Digital Converters Production Value by Application (2019 VS 2023 VS 2030) & (M Units)

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

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

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

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

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

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

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

Figure 35. Europe Analog-to-Digital Converters Production Value (2019-2030) & (US\$ Million)

Figure 36. Asia-Pacific Analog-to-Digital Converters Production Value (2019-2030) & (US\$ Million)

Figure 37. Latin America Analog-to-Digital Converters Production Value (2019-2030) & (US\$ Million)

Figure 38. Middle East & Africa Analog-to-Digital Converters Production Value (2019-2030) & (US\$ Million)

Figure 39. North America Analog-to-Digital Converters Consumption and Growth Rate (2019-2030) & (M Units)

Figure 40. North America Analog-to-Digital Converters Consumption Market Share by Country (2019-2030)

Figure 41. U.S. Analog-to-Digital Converters Consumption and Growth Rate (2019-2030) & (M Units)

Figure 42. Canada Analog-to-Digital Converters Consumption and Growth Rate (2019-2030) & (M Units)

Figure 43. Europe Analog-to-Digital Converters Consumption and Growth Rate (2019-2030) & (M Units)

Figure 44. Europe Analog-to-Digital Converters Consumption Market Share by Country

(2019-2030)

Figure 45. Germany Analog-to-Digital Converters Consumption and Growth Rate (2019-2030) & (M Units)

Figure 46. France Analog-to-Digital Converters Consumption and Growth Rate (2019-2030) & (M Units)

Figure 47. U.K. Analog-to-Digital Converters Consumption and Growth Rate (2019-2030) & (M Units)

Figure 48. Italy Analog-to-Digital Converters Consumption and Growth Rate (2019-2030) & (M Units)

Figure 49. Netherlands Analog-to-Digital Converters Consumption and Growth Rate (2019-2030) & (M Units)

Figure 50. Asia Pacific Analog-to-Digital Converters Consumption and Growth Rate (2019-2030) & (M Units)

Figure 51. Asia Pacific Analog-to-Digital Converters Consumption Market Share by Country (2019-2030)

Figure 52. China Analog-to-Digital Converters Consumption and Growth Rate (2019-2030) & (M Units)

Figure 53. Japan Analog-to-Digital Converters Consumption and Growth Rate (2019-2030) & (M Units)

Figure 54. South Korea Analog-to-Digital Converters Consumption and Growth Rate (2019-2030) & (M Units)

Figure 55. Southeast Asia Analog-to-Digital Converters Consumption and Growth Rate (2019-2030) & (M Units)

Figure 56. India Analog-to-Digital Converters Consumption and Growth Rate (2019-2030) & (M Units)

Figure 57. Australia Analog-to-Digital Converters Consumption and Growth Rate (2019-2030) & (M Units)

Figure 58. LAMEA Analog-to-Digital Converters Consumption and Growth Rate (2019-2030) & (M Units)

Figure 59. LAMEA Analog-to-Digital Converters Consumption Market Share by Country (2019-2030)

Figure 60. Mexico Analog-to-Digital Converters Consumption and Growth Rate (2019-2030) & (M Units)

Figure 61. Brazil Analog-to-Digital Converters Consumption and Growth Rate (2019-2030) & (M Units)

Figure 62. Turkey Analog-to-Digital Converters Consumption and Growth Rate (2019-2030) & (M Units)

Figure 63. GCC Countries Analog-to-Digital Converters Consumption and Growth Rate (2019-2030) & (M Units)

Figure 64. Analog-to-Digital Converters Value Chain

Figure 65. Manufacturing Cost Structure

Figure 66. Analog-to-Digital Converters Production Mode & Process

Figure 67. Direct Comparison with Distribution Share

Figure 68. Distributors Profiles

Figure 69. Years Considered

Figure 70. Research Process

Figure 71. Key Executives Interviewed

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