

# Global Application Specific Integrated Circuit (ASIC) Market Growth 2025-2031

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## Abstracts

The global Application Specific Integrated Circuit (ASIC) market size is predicted to grow from US\$ 19270 million in 2025 to US\$ 24450 million in 2031; it is expected to grow at a CAGR of 4.0% from 2025 to 2031.

The impact of the latest U.S. tariff measures and the corresponding policy responses from countries worldwide on market competitiveness, regional economic performance, and supply chain configurations will be comprehensively evaluated in this report.

Application-specific integrated circuits (ASICs) are customized integrated circuits designed for specific applications or functions.

The market for ASICs is driven by the increasing demand for customized and high-performance integrated circuits in various industries, including automotive, telecommunications, and consumer electronics.

LP Information, Inc. (LPI) 's newest research report, the "Application Specific Integrated Circuit (ASIC) Industry Forecast" looks at past sales and reviews total world Application Specific Integrated Circuit (ASIC) sales in 2024, providing a comprehensive analysis by region and market sector of projected Application Specific Integrated Circuit (ASIC) sales for 2025 through 2031. With Application Specific Integrated Circuit (ASIC) sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Application Specific Integrated Circuit (ASIC) industry.

This Insight Report provides a comprehensive analysis of the global Application Specific Integrated Circuit (ASIC) landscape and highlights key trends related to product

segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Application Specific Integrated Circuit (ASIC) portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Application Specific Integrated Circuit (ASIC) market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Application Specific Integrated Circuit (ASIC) and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Application Specific Integrated Circuit (ASIC).

This report presents a comprehensive overview, market shares, and growth opportunities of Application Specific Integrated Circuit (ASIC) market by product type, application, key manufacturers and key regions and countries.

### **Segmentation by Type:**

Full Custom Design ASIC

Semi-custom Design ASIC (Standard Cell Based ASIC and Gate Array Based ASIC)

Programmable ASIC

### **Segmentation by Application:**

Telecommunication

Industrial

Automotive

Consumer Electronics

**This report also splits the market by region:**

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Texas Instruments

Infineon Technologies

STMicroelectronics

Renesas Electronics

Analog Devices

Maxim Integrated Products

NXP Semiconductors

ON Semiconductor

Qualcomm

Intel Corporation

### **Key Questions Addressed in this Report**

What is the 10-year outlook for the global Application Specific Integrated Circuit (ASIC)

market?

What factors are driving Application Specific Integrated Circuit (ASIC) market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Application Specific Integrated Circuit (ASIC) market opportunities vary by end market size?

How does Application Specific Integrated Circuit (ASIC) break out by Type, by Application?

## Contents

### 1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

### 2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
  - 2.1.1 Global Application Specific Integrated Circuit (ASIC) Annual Sales 2020-2031
  - 2.1.2 World Current & Future Analysis for Application Specific Integrated Circuit (ASIC) by Geographic Region, 2020, 2024 & 2031
  - 2.1.3 World Current & Future Analysis for Application Specific Integrated Circuit (ASIC) by Country/Region, 2020, 2024 & 2031
- 2.2 Application Specific Integrated Circuit (ASIC) Segment by Type
  - 2.2.1 Full Custom Design ASIC
  - 2.2.2 Semi-custom Design ASIC (Standard Cell Based ASIC and Gate Array Based ASIC)
  - 2.2.3 Programmable ASIC
- 2.3 Application Specific Integrated Circuit (ASIC) Sales by Type
  - 2.3.1 Global Application Specific Integrated Circuit (ASIC) Sales Market Share by Type (2020-2025)
  - 2.3.2 Global Application Specific Integrated Circuit (ASIC) Revenue and Market Share by Type (2020-2025)
  - 2.3.3 Global Application Specific Integrated Circuit (ASIC) Sale Price by Type (2020-2025)
- 2.4 Application Specific Integrated Circuit (ASIC) Segment by Application
  - 2.4.1 Telecommunication
  - 2.4.2 Industrial
  - 2.4.3 Automotive
  - 2.4.4 Consumer Electronics
- 2.5 Application Specific Integrated Circuit (ASIC) Sales by Application

2.5.1 Global Application Specific Integrated Circuit (ASIC) Sale Market Share by Application (2020-2025)

2.5.2 Global Application Specific Integrated Circuit (ASIC) Revenue and Market Share by Application (2020-2025)

2.5.3 Global Application Specific Integrated Circuit (ASIC) Sale Price by Application (2020-2025)

### **3 GLOBAL BY COMPANY**

3.1 Global Application Specific Integrated Circuit (ASIC) Breakdown Data by Company

3.1.1 Global Application Specific Integrated Circuit (ASIC) Annual Sales by Company (2020-2025)

3.1.2 Global Application Specific Integrated Circuit (ASIC) Sales Market Share by Company (2020-2025)

3.2 Global Application Specific Integrated Circuit (ASIC) Annual Revenue by Company (2020-2025)

3.2.1 Global Application Specific Integrated Circuit (ASIC) Revenue by Company (2020-2025)

3.2.2 Global Application Specific Integrated Circuit (ASIC) Revenue Market Share by Company (2020-2025)

3.3 Global Application Specific Integrated Circuit (ASIC) Sale Price by Company

3.4 Key Manufacturers Application Specific Integrated Circuit (ASIC) Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Application Specific Integrated Circuit (ASIC) Product Location Distribution

3.4.2 Players Application Specific Integrated Circuit (ASIC) Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

### **4 WORLD HISTORIC REVIEW FOR APPLICATION SPECIFIC INTEGRATED CIRCUIT (ASIC) BY GEOGRAPHIC REGION**

4.1 World Historic Application Specific Integrated Circuit (ASIC) Market Size by Geographic Region (2020-2025)

4.1.1 Global Application Specific Integrated Circuit (ASIC) Annual Sales by Geographic Region (2020-2025)

- 4.1.2 Global Application Specific Integrated Circuit (ASIC) Annual Revenue by Geographic Region (2020-2025)
- 4.2 World Historic Application Specific Integrated Circuit (ASIC) Market Size by Country/Region (2020-2025)
  - 4.2.1 Global Application Specific Integrated Circuit (ASIC) Annual Sales by Country/Region (2020-2025)
  - 4.2.2 Global Application Specific Integrated Circuit (ASIC) Annual Revenue by Country/Region (2020-2025)
- 4.3 Americas Application Specific Integrated Circuit (ASIC) Sales Growth
- 4.4 APAC Application Specific Integrated Circuit (ASIC) Sales Growth
- 4.5 Europe Application Specific Integrated Circuit (ASIC) Sales Growth
- 4.6 Middle East & Africa Application Specific Integrated Circuit (ASIC) Sales Growth

## **5 AMERICAS**

- 5.1 Americas Application Specific Integrated Circuit (ASIC) Sales by Country
  - 5.1.1 Americas Application Specific Integrated Circuit (ASIC) Sales by Country (2020-2025)
  - 5.1.2 Americas Application Specific Integrated Circuit (ASIC) Revenue by Country (2020-2025)
- 5.2 Americas Application Specific Integrated Circuit (ASIC) Sales by Type (2020-2025)
- 5.3 Americas Application Specific Integrated Circuit (ASIC) Sales by Application (2020-2025)
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

## **6 APAC**

- 6.1 APAC Application Specific Integrated Circuit (ASIC) Sales by Region
  - 6.1.1 APAC Application Specific Integrated Circuit (ASIC) Sales by Region (2020-2025)
  - 6.1.2 APAC Application Specific Integrated Circuit (ASIC) Revenue by Region (2020-2025)
- 6.2 APAC Application Specific Integrated Circuit (ASIC) Sales by Type (2020-2025)
- 6.3 APAC Application Specific Integrated Circuit (ASIC) Sales by Application (2020-2025)
- 6.4 China

- 6.5 Japan
- 6.6 South Korea
- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia
- 6.10 China Taiwan

## **7 EUROPE**

- 7.1 Europe Application Specific Integrated Circuit (ASIC) by Country
  - 7.1.1 Europe Application Specific Integrated Circuit (ASIC) Sales by Country (2020-2025)
  - 7.1.2 Europe Application Specific Integrated Circuit (ASIC) Revenue by Country (2020-2025)
- 7.2 Europe Application Specific Integrated Circuit (ASIC) Sales by Type (2020-2025)
- 7.3 Europe Application Specific Integrated Circuit (ASIC) Sales by Application (2020-2025)
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

## **8 MIDDLE EAST & AFRICA**

- 8.1 Middle East & Africa Application Specific Integrated Circuit (ASIC) by Country
  - 8.1.1 Middle East & Africa Application Specific Integrated Circuit (ASIC) Sales by Country (2020-2025)
  - 8.1.2 Middle East & Africa Application Specific Integrated Circuit (ASIC) Revenue by Country (2020-2025)
- 8.2 Middle East & Africa Application Specific Integrated Circuit (ASIC) Sales by Type (2020-2025)
- 8.3 Middle East & Africa Application Specific Integrated Circuit (ASIC) Sales by Application (2020-2025)
- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel
- 8.7 Turkey
- 8.8 GCC Countries

## **9 MARKET DRIVERS, CHALLENGES AND TRENDS**

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

## **10 MANUFACTURING COST STRUCTURE ANALYSIS**

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of Application Specific Integrated Circuit (ASIC)

10.3 Manufacturing Process Analysis of Application Specific Integrated Circuit (ASIC)

10.4 Industry Chain Structure of Application Specific Integrated Circuit (ASIC)

## **11 MARKETING, DISTRIBUTORS AND CUSTOMER**

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Application Specific Integrated Circuit (ASIC) Distributors

11.3 Application Specific Integrated Circuit (ASIC) Customer

## **12 WORLD FORECAST REVIEW FOR APPLICATION SPECIFIC INTEGRATED CIRCUIT (ASIC) BY GEOGRAPHIC REGION**

12.1 Global Application Specific Integrated Circuit (ASIC) Market Size Forecast by Region

12.1.1 Global Application Specific Integrated Circuit (ASIC) Forecast by Region (2026-2031)

12.1.2 Global Application Specific Integrated Circuit (ASIC) Annual Revenue Forecast by Region (2026-2031)

12.2 Americas Forecast by Country (2026-2031)

12.3 APAC Forecast by Region (2026-2031)

12.4 Europe Forecast by Country (2026-2031)

12.5 Middle East & Africa Forecast by Country (2026-2031)

12.6 Global Application Specific Integrated Circuit (ASIC) Forecast by Type (2026-2031)

12.7 Global Application Specific Integrated Circuit (ASIC) Forecast by Application (2026-2031)

## 13 KEY PLAYERS ANALYSIS

### 13.1 Texas Instruments

13.1.1 Texas Instruments Company Information

13.1.2 Texas Instruments Application Specific Integrated Circuit (ASIC) Product Portfolios and Specifications

13.1.3 Texas Instruments Application Specific Integrated Circuit (ASIC) Sales, Revenue, Price and Gross Margin (2020-2025)

13.1.4 Texas Instruments Main Business Overview

13.1.5 Texas Instruments Latest Developments

### 13.2 Infineon Technologies

13.2.1 Infineon Technologies Company Information

13.2.2 Infineon Technologies Application Specific Integrated Circuit (ASIC) Product Portfolios and Specifications

13.2.3 Infineon Technologies Application Specific Integrated Circuit (ASIC) Sales, Revenue, Price and Gross Margin (2020-2025)

13.2.4 Infineon Technologies Main Business Overview

13.2.5 Infineon Technologies Latest Developments

### 13.3 STMicroelectronics

13.3.1 STMicroelectronics Company Information

13.3.2 STMicroelectronics Application Specific Integrated Circuit (ASIC) Product Portfolios and Specifications

13.3.3 STMicroelectronics Application Specific Integrated Circuit (ASIC) Sales, Revenue, Price and Gross Margin (2020-2025)

13.3.4 STMicroelectronics Main Business Overview

13.3.5 STMicroelectronics Latest Developments

### 13.4 Renesas Electronics

13.4.1 Renesas Electronics Company Information

13.4.2 Renesas Electronics Application Specific Integrated Circuit (ASIC) Product Portfolios and Specifications

13.4.3 Renesas Electronics Application Specific Integrated Circuit (ASIC) Sales, Revenue, Price and Gross Margin (2020-2025)

13.4.4 Renesas Electronics Main Business Overview

13.4.5 Renesas Electronics Latest Developments

### 13.5 Analog Devices

13.5.1 Analog Devices Company Information

13.5.2 Analog Devices Application Specific Integrated Circuit (ASIC) Product Portfolios and Specifications

- 13.5.3 Analog Devices Application Specific Integrated Circuit (ASIC) Sales, Revenue, Price and Gross Margin (2020-2025)
- 13.5.4 Analog Devices Main Business Overview
- 13.5.5 Analog Devices Latest Developments
- 13.6 Maxim Integrated Products
  - 13.6.1 Maxim Integrated Products Company Information
  - 13.6.2 Maxim Integrated Products Application Specific Integrated Circuit (ASIC) Product Portfolios and Specifications
  - 13.6.3 Maxim Integrated Products Application Specific Integrated Circuit (ASIC) Sales, Revenue, Price and Gross Margin (2020-2025)
  - 13.6.4 Maxim Integrated Products Main Business Overview
  - 13.6.5 Maxim Integrated Products Latest Developments
- 13.7 NXP Semiconductors
  - 13.7.1 NXP Semiconductors Company Information
  - 13.7.2 NXP Semiconductors Application Specific Integrated Circuit (ASIC) Product Portfolios and Specifications
  - 13.7.3 NXP Semiconductors Application Specific Integrated Circuit (ASIC) Sales, Revenue, Price and Gross Margin (2020-2025)
  - 13.7.4 NXP Semiconductors Main Business Overview
  - 13.7.5 NXP Semiconductors Latest Developments
- 13.8 ON Semiconductor
  - 13.8.1 ON Semiconductor Company Information
  - 13.8.2 ON Semiconductor Application Specific Integrated Circuit (ASIC) Product Portfolios and Specifications
  - 13.8.3 ON Semiconductor Application Specific Integrated Circuit (ASIC) Sales, Revenue, Price and Gross Margin (2020-2025)
  - 13.8.4 ON Semiconductor Main Business Overview
  - 13.8.5 ON Semiconductor Latest Developments
- 13.9 Qualcomm
  - 13.9.1 Qualcomm Company Information
  - 13.9.2 Qualcomm Application Specific Integrated Circuit (ASIC) Product Portfolios and Specifications
  - 13.9.3 Qualcomm Application Specific Integrated Circuit (ASIC) Sales, Revenue, Price and Gross Margin (2020-2025)
  - 13.9.4 Qualcomm Main Business Overview
  - 13.9.5 Qualcomm Latest Developments
- 13.10 Intel Corporation
  - 13.10.1 Intel Corporation Company Information
  - 13.10.2 Intel Corporation Application Specific Integrated Circuit (ASIC) Product

## Portfolios and Specifications

13.10.3 Intel Corporation Application Specific Integrated Circuit (ASIC) Sales, Revenue, Price and Gross Margin (2020-2025)

13.10.4 Intel Corporation Main Business Overview

13.10.5 Intel Corporation Latest Developments

## **14 RESEARCH FINDINGS AND CONCLUSION**

## List Of Tables

### LIST OF TABLES

- Table 1. Application Specific Integrated Circuit (ASIC) Annual Sales CAGR by Geographic Region (2020, 2024 & 2031) & (\$ millions)
- Table 2. Application Specific Integrated Circuit (ASIC) Annual Sales CAGR by Country/Region (2020, 2024 & 2031) & (\$ millions)
- Table 3. Major Players of Full Custom Design ASIC
- Table 4. Major Players of Semi-custom Design ASIC (Standard Cell Based ASIC and Gate Array Based ASIC)
- Table 5. Major Players of Programmable ASIC
- Table 6. Global Application Specific Integrated Circuit (ASIC) Sales by Type (2020-2025) & (K Units)
- Table 7. Global Application Specific Integrated Circuit (ASIC) Sales Market Share by Type (2020-2025)
- Table 8. Global Application Specific Integrated Circuit (ASIC) Revenue by Type (2020-2025) & (\$ million)
- Table 9. Global Application Specific Integrated Circuit (ASIC) Revenue Market Share by Type (2020-2025)
- Table 10. Global Application Specific Integrated Circuit (ASIC) Sale Price by Type (2020-2025) & (USD/Unit)
- Table 11. Global Application Specific Integrated Circuit (ASIC) Sale by Application (2020-2025) & (K Units)
- Table 12. Global Application Specific Integrated Circuit (ASIC) Sale Market Share by Application (2020-2025)
- Table 13. Global Application Specific Integrated Circuit (ASIC) Revenue by Application (2020-2025) & (\$ million)
- Table 14. Global Application Specific Integrated Circuit (ASIC) Revenue Market Share by Application (2020-2025)
- Table 15. Global Application Specific Integrated Circuit (ASIC) Sale Price by Application (2020-2025) & (USD/Unit)
- Table 16. Global Application Specific Integrated Circuit (ASIC) Sales by Company (2020-2025) & (K Units)
- Table 17. Global Application Specific Integrated Circuit (ASIC) Sales Market Share by Company (2020-2025)
- Table 18. Global Application Specific Integrated Circuit (ASIC) Revenue by Company (2020-2025) & (\$ millions)
- Table 19. Global Application Specific Integrated Circuit (ASIC) Revenue Market Share

by Company (2020-2025)

Table 20. Global Application Specific Integrated Circuit (ASIC) Sale Price by Company (2020-2025) & (USD/Unit)

Table 21. Key Manufacturers Application Specific Integrated Circuit (ASIC) Producing Area Distribution and Sales Area

Table 22. Players Application Specific Integrated Circuit (ASIC) Products Offered

Table 23. Application Specific Integrated Circuit (ASIC) Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)

Table 24. New Products and Potential Entrants

Table 25. Market M&A Activity & Strategy

Table 26. Global Application Specific Integrated Circuit (ASIC) Sales by Geographic Region (2020-2025) & (K Units)

Table 27. Global Application Specific Integrated Circuit (ASIC) Sales Market Share Geographic Region (2020-2025)

Table 28. Global Application Specific Integrated Circuit (ASIC) Revenue by Geographic Region (2020-2025) & (\$ millions)

Table 29. Global Application Specific Integrated Circuit (ASIC) Revenue Market Share by Geographic Region (2020-2025)

Table 30. Global Application Specific Integrated Circuit (ASIC) Sales by Country/Region (2020-2025) & (K Units)

Table 31. Global Application Specific Integrated Circuit (ASIC) Sales Market Share by Country/Region (2020-2025)

Table 32. Global Application Specific Integrated Circuit (ASIC) Revenue by Country/Region (2020-2025) & (\$ millions)

Table 33. Global Application Specific Integrated Circuit (ASIC) Revenue Market Share by Country/Region (2020-2025)

Table 34. Americas Application Specific Integrated Circuit (ASIC) Sales by Country (2020-2025) & (K Units)

Table 35. Americas Application Specific Integrated Circuit (ASIC) Sales Market Share by Country (2020-2025)

Table 36. Americas Application Specific Integrated Circuit (ASIC) Revenue by Country (2020-2025) & (\$ millions)

Table 37. Americas Application Specific Integrated Circuit (ASIC) Sales by Type (2020-2025) & (K Units)

Table 38. Americas Application Specific Integrated Circuit (ASIC) Sales by Application (2020-2025) & (K Units)

Table 39. APAC Application Specific Integrated Circuit (ASIC) Sales by Region (2020-2025) & (K Units)

Table 40. APAC Application Specific Integrated Circuit (ASIC) Sales Market Share by

## Region (2020-2025)

Table 41. APAC Application Specific Integrated Circuit (ASIC) Revenue by Region (2020-2025) & (\$ millions)

Table 42. APAC Application Specific Integrated Circuit (ASIC) Sales by Type (2020-2025) & (K Units)

Table 43. APAC Application Specific Integrated Circuit (ASIC) Sales by Application (2020-2025) & (K Units)

Table 44. Europe Application Specific Integrated Circuit (ASIC) Sales by Country (2020-2025) & (K Units)

Table 45. Europe Application Specific Integrated Circuit (ASIC) Revenue by Country (2020-2025) & (\$ millions)

Table 46. Europe Application Specific Integrated Circuit (ASIC) Sales by Type (2020-2025) & (K Units)

Table 47. Europe Application Specific Integrated Circuit (ASIC) Sales by Application (2020-2025) & (K Units)

Table 48. Middle East & Africa Application Specific Integrated Circuit (ASIC) Sales by Country (2020-2025) & (K Units)

Table 49. Middle East & Africa Application Specific Integrated Circuit (ASIC) Revenue Market Share by Country (2020-2025)

Table 50. Middle East & Africa Application Specific Integrated Circuit (ASIC) Sales by Type (2020-2025) & (K Units)

Table 51. Middle East & Africa Application Specific Integrated Circuit (ASIC) Sales by Application (2020-2025) & (K Units)

Table 52. Key Market Drivers & Growth Opportunities of Application Specific Integrated Circuit (ASIC)

Table 53. Key Market Challenges & Risks of Application Specific Integrated Circuit (ASIC)

Table 54. Key Industry Trends of Application Specific Integrated Circuit (ASIC)

Table 55. Application Specific Integrated Circuit (ASIC) Raw Material

Table 56. Key Suppliers of Raw Materials

Table 57. Application Specific Integrated Circuit (ASIC) Distributors List

Table 58. Application Specific Integrated Circuit (ASIC) Customer List

Table 59. Global Application Specific Integrated Circuit (ASIC) Sales Forecast by Region (2026-2031) & (K Units)

Table 60. Global Application Specific Integrated Circuit (ASIC) Revenue Forecast by Region (2026-2031) & (\$ millions)

Table 61. Americas Application Specific Integrated Circuit (ASIC) Sales Forecast by Country (2026-2031) & (K Units)

Table 62. Americas Application Specific Integrated Circuit (ASIC) Annual Revenue

Forecast by Country (2026-2031) & (\$ millions)

Table 63. APAC Application Specific Integrated Circuit (ASIC) Sales Forecast by Region (2026-2031) & (K Units)

Table 64. APAC Application Specific Integrated Circuit (ASIC) Annual Revenue Forecast by Region (2026-2031) & (\$ millions)

Table 65. Europe Application Specific Integrated Circuit (ASIC) Sales Forecast by Country (2026-2031) & (K Units)

Table 66. Europe Application Specific Integrated Circuit (ASIC) Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 67. Middle East & Africa Application Specific Integrated Circuit (ASIC) Sales Forecast by Country (2026-2031) & (K Units)

Table 68. Middle East & Africa Application Specific Integrated Circuit (ASIC) Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 69. Global Application Specific Integrated Circuit (ASIC) Sales Forecast by Type (2026-2031) & (K Units)

Table 70. Global Application Specific Integrated Circuit (ASIC) Revenue Forecast by Type (2026-2031) & (\$ millions)

Table 71. Global Application Specific Integrated Circuit (ASIC) Sales Forecast by Application (2026-2031) & (K Units)

Table 72. Global Application Specific Integrated Circuit (ASIC) Revenue Forecast by Application (2026-2031) & (\$ millions)

Table 73. Texas Instruments Basic Information, Application Specific Integrated Circuit (ASIC) Manufacturing Base, Sales Area and Its Competitors

Table 74. Texas Instruments Application Specific Integrated Circuit (ASIC) Product Portfolios and Specifications

Table 75. Texas Instruments Application Specific Integrated Circuit (ASIC) Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 76. Texas Instruments Main Business

Table 77. Texas Instruments Latest Developments

Table 78. Infineon Technologies Basic Information, Application Specific Integrated Circuit (ASIC) Manufacturing Base, Sales Area and Its Competitors

Table 79. Infineon Technologies Application Specific Integrated Circuit (ASIC) Product Portfolios and Specifications

Table 80. Infineon Technologies Application Specific Integrated Circuit (ASIC) Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 81. Infineon Technologies Main Business

Table 82. Infineon Technologies Latest Developments

Table 83. STMicroelectronics Basic Information, Application Specific Integrated Circuit (ASIC) Manufacturing Base, Sales Area and Its Competitors

Table 84. STMicroelectronics Application Specific Integrated Circuit (ASIC) Product Portfolios and Specifications

Table 85. STMicroelectronics Application Specific Integrated Circuit (ASIC) Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 86. STMicroelectronics Main Business

Table 87. STMicroelectronics Latest Developments

Table 88. Renesas Electronics Basic Information, Application Specific Integrated Circuit (ASIC) Manufacturing Base, Sales Area and Its Competitors

Table 89. Renesas Electronics Application Specific Integrated Circuit (ASIC) Product Portfolios and Specifications

Table 90. Renesas Electronics Application Specific Integrated Circuit (ASIC) Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 91. Renesas Electronics Main Business

Table 92. Renesas Electronics Latest Developments

Table 93. Analog Devices Basic Information, Application Specific Integrated Circuit (ASIC) Manufacturing Base, Sales Area and Its Competitors

Table 94. Analog Devices Application Specific Integrated Circuit (ASIC) Product Portfolios and Specifications

Table 95. Analog Devices Application Specific Integrated Circuit (ASIC) Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 96. Analog Devices Main Business

Table 97. Analog Devices Latest Developments

Table 98. Maxim Integrated Products Basic Information, Application Specific Integrated Circuit (ASIC) Manufacturing Base, Sales Area and Its Competitors

Table 99. Maxim Integrated Products Application Specific Integrated Circuit (ASIC) Product Portfolios and Specifications

Table 100. Maxim Integrated Products Application Specific Integrated Circuit (ASIC) Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 101. Maxim Integrated Products Main Business

Table 102. Maxim Integrated Products Latest Developments

Table 103. NXP Semiconductors Basic Information, Application Specific Integrated Circuit (ASIC) Manufacturing Base, Sales Area and Its Competitors

Table 104. NXP Semiconductors Application Specific Integrated Circuit (ASIC) Product Portfolios and Specifications

Table 105. NXP Semiconductors Application Specific Integrated Circuit (ASIC) Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 106. NXP Semiconductors Main Business

Table 107. NXP Semiconductors Latest Developments

Table 108. ON Semiconductor Basic Information, Application Specific Integrated Circuit

(ASIC) Manufacturing Base, Sales Area and Its Competitors

Table 109. ON Semiconductor Application Specific Integrated Circuit (ASIC) Product Portfolios and Specifications

Table 110. ON Semiconductor Application Specific Integrated Circuit (ASIC) Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 111. ON Semiconductor Main Business

Table 112. ON Semiconductor Latest Developments

Table 113. Qualcomm Basic Information, Application Specific Integrated Circuit (ASIC) Manufacturing Base, Sales Area and Its Competitors

Table 114. Qualcomm Application Specific Integrated Circuit (ASIC) Product Portfolios and Specifications

Table 115. Qualcomm Application Specific Integrated Circuit (ASIC) Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 116. Qualcomm Main Business

Table 117. Qualcomm Latest Developments

Table 118. Intel Corporation Basic Information, Application Specific Integrated Circuit (ASIC) Manufacturing Base, Sales Area and Its Competitors

Table 119. Intel Corporation Application Specific Integrated Circuit (ASIC) Product Portfolios and Specifications

Table 120. Intel Corporation Application Specific Integrated Circuit (ASIC) Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 121. Intel Corporation Main Business

Table 122. Intel Corporation Latest Developments

## List Of Figures

### LIST OF FIGURES

- Figure 1. Picture of Application Specific Integrated Circuit (ASIC)
- Figure 2. Application Specific Integrated Circuit (ASIC) Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Application Specific Integrated Circuit (ASIC) Sales Growth Rate 2020-2031 (K Units)
- Figure 7. Global Application Specific Integrated Circuit (ASIC) Revenue Growth Rate 2020-2031 (\$ millions)
- Figure 8. Application Specific Integrated Circuit (ASIC) Sales by Geographic Region (2020, 2024 & 2031) & (\$ millions)
- Figure 9. Application Specific Integrated Circuit (ASIC) Sales Market Share by Country/Region (2024)
- Figure 10. Application Specific Integrated Circuit (ASIC) Sales Market Share by Country/Region (2020, 2024 & 2031)
- Figure 11. Product Picture of Full Custom Design ASIC
- Figure 12. Product Picture of Semi-custom Design ASIC (Standard Cell Based ASIC and Gate Array Based ASIC)
- Figure 13. Product Picture of Programmable ASIC
- Figure 14. Global Application Specific Integrated Circuit (ASIC) Sales Market Share by Type in 2025
- Figure 15. Global Application Specific Integrated Circuit (ASIC) Revenue Market Share by Type (2020-2025)
- Figure 16. Application Specific Integrated Circuit (ASIC) Consumed in Telecommunication
- Figure 17. Global Application Specific Integrated Circuit (ASIC) Market: Telecommunication (2020-2025) & (K Units)
- Figure 18. Application Specific Integrated Circuit (ASIC) Consumed in Industrial
- Figure 19. Global Application Specific Integrated Circuit (ASIC) Market: Industrial (2020-2025) & (K Units)
- Figure 20. Application Specific Integrated Circuit (ASIC) Consumed in Automotive
- Figure 21. Global Application Specific Integrated Circuit (ASIC) Market: Automotive (2020-2025) & (K Units)
- Figure 22. Application Specific Integrated Circuit (ASIC) Consumed in Consumer Electronics

Figure 23. Global Application Specific Integrated Circuit (ASIC) Market: Consumer Electronics (2020-2025) & (K Units)

Figure 24. Global Application Specific Integrated Circuit (ASIC) Sale Market Share by Application (2024)

Figure 25. Global Application Specific Integrated Circuit (ASIC) Revenue Market Share by Application in 2025

Figure 26. Application Specific Integrated Circuit (ASIC) Sales by Company in 2025 (K Units)

Figure 27. Global Application Specific Integrated Circuit (ASIC) Sales Market Share by Company in 2025

Figure 28. Application Specific Integrated Circuit (ASIC) Revenue by Company in 2025 (\$ millions)

Figure 29. Global Application Specific Integrated Circuit (ASIC) Revenue Market Share by Company in 2025

Figure 30. Global Application Specific Integrated Circuit (ASIC) Sales Market Share by Geographic Region (2020-2025)

Figure 31. Global Application Specific Integrated Circuit (ASIC) Revenue Market Share by Geographic Region in 2025

Figure 32. Americas Application Specific Integrated Circuit (ASIC) Sales 2020-2025 (K Units)

Figure 33. Americas Application Specific Integrated Circuit (ASIC) Revenue 2020-2025 (\$ millions)

Figure 34. APAC Application Specific Integrated Circuit (ASIC) Sales 2020-2025 (K Units)

Figure 35. APAC Application Specific Integrated Circuit (ASIC) Revenue 2020-2025 (\$ millions)

Figure 36. Europe Application Specific Integrated Circuit (ASIC) Sales 2020-2025 (K Units)

Figure 37. Europe Application Specific Integrated Circuit (ASIC) Revenue 2020-2025 (\$ millions)

Figure 38. Middle East & Africa Application Specific Integrated Circuit (ASIC) Sales 2020-2025 (K Units)

Figure 39. Middle East & Africa Application Specific Integrated Circuit (ASIC) Revenue 2020-2025 (\$ millions)

Figure 40. Americas Application Specific Integrated Circuit (ASIC) Sales Market Share by Country in 2025

Figure 41. Americas Application Specific Integrated Circuit (ASIC) Revenue Market Share by Country (2020-2025)

Figure 42. Americas Application Specific Integrated Circuit (ASIC) Sales Market Share

by Type (2020-2025)

Figure 43. Americas Application Specific Integrated Circuit (ASIC) Sales Market Share by Application (2020-2025)

Figure 44. United States Application Specific Integrated Circuit (ASIC) Revenue Growth 2020-2025 (\$ millions)

Figure 45. Canada Application Specific Integrated Circuit (ASIC) Revenue Growth 2020-2025 (\$ millions)

Figure 46. Mexico Application Specific Integrated Circuit (ASIC) Revenue Growth 2020-2025 (\$ millions)

Figure 47. Brazil Application Specific Integrated Circuit (ASIC) Revenue Growth 2020-2025 (\$ millions)

Figure 48. APAC Application Specific Integrated Circuit (ASIC) Sales Market Share by Region in 2025

Figure 49. APAC Application Specific Integrated Circuit (ASIC) Revenue Market Share by Region (2020-2025)

Figure 50. APAC Application Specific Integrated Circuit (ASIC) Sales Market Share by Type (2020-2025)

Figure 51. APAC Application Specific Integrated Circuit (ASIC) Sales Market Share by Application (2020-2025)

Figure 52. China Application Specific Integrated Circuit (ASIC) Revenue Growth 2020-2025 (\$ millions)

Figure 53. Japan Application Specific Integrated Circuit (ASIC) Revenue Growth 2020-2025 (\$ millions)

Figure 54. South Korea Application Specific Integrated Circuit (ASIC) Revenue Growth 2020-2025 (\$ millions)

Figure 55. Southeast Asia Application Specific Integrated Circuit (ASIC) Revenue Growth 2020-2025 (\$ millions)

Figure 56. India Application Specific Integrated Circuit (ASIC) Revenue Growth 2020-2025 (\$ millions)

Figure 57. Australia Application Specific Integrated Circuit (ASIC) Revenue Growth 2020-2025 (\$ millions)

Figure 58. China Taiwan Application Specific Integrated Circuit (ASIC) Revenue Growth 2020-2025 (\$ millions)

Figure 59. Europe Application Specific Integrated Circuit (ASIC) Sales Market Share by Country in 2025

Figure 60. Europe Application Specific Integrated Circuit (ASIC) Revenue Market Share by Country (2020-2025)

Figure 61. Europe Application Specific Integrated Circuit (ASIC) Sales Market Share by Type (2020-2025)

Figure 62. Europe Application Specific Integrated Circuit (ASIC) Sales Market Share by Application (2020-2025)

Figure 63. Germany Application Specific Integrated Circuit (ASIC) Revenue Growth 2020-2025 (\$ millions)

Figure 64. France Application Specific Integrated Circuit (ASIC) Revenue Growth 2020-2025 (\$ millions)

Figure 65. UK Application Specific Integrated Circuit (ASIC) Revenue Growth 2020-2025 (\$ millions)

Figure 66. Italy Application Specific Integrated Circuit (ASIC) Revenue Growth 2020-2025 (\$ millions)

Figure 67. Russia Application Specific Integrated Circuit (ASIC) Revenue Growth 2020-2025 (\$ millions)

Figure 68. Middle East & Africa Application Specific Integrated Circuit (ASIC) Sales Market Share by Country (2020-2025)

Figure 69. Middle East & Africa Application Specific Integrated Circuit (ASIC) Sales Market Share by Type (2020-2025)

Figure 70. Middle East & Africa Application Specific Integrated Circuit (ASIC) Sales Market Share by Application (2020-2025)

Figure 71. Egypt Application Specific Integrated Circuit (ASIC) Revenue Growth 2020-2025 (\$ millions)

Figure 72. South Africa Application Specific Integrated Circuit (ASIC) Revenue Growth 2020-2025 (\$ millions)

Figure 73. Israel Application Specific Integrated Circuit (ASIC) Revenue Growth 2020-2025 (\$ millions)

Figure 74. Turkey Application Specific Integrated Circuit (ASIC) Revenue Growth 2020-2025 (\$ millions)

Figure 75. GCC Countries Application Specific Integrated Circuit (ASIC) Revenue Growth 2020-2025 (\$ millions)

Figure 76. Manufacturing Cost Structure Analysis of Application Specific Integrated Circuit (ASIC) in 2025

Figure 77. Manufacturing Process Analysis of Application Specific Integrated Circuit (ASIC)

Figure 78. Industry Chain Structure of Application Specific Integrated Circuit (ASIC)

Figure 79. Channels of Distribution

Figure 80. Global Application Specific Integrated Circuit (ASIC) Sales Market Forecast by Region (2026-2031)

Figure 81. Global Application Specific Integrated Circuit (ASIC) Revenue Market Share Forecast by Region (2026-2031)

Figure 82. Global Application Specific Integrated Circuit (ASIC) Sales Market Share

Forecast by Type (2026-2031)

Figure 83. Global Application Specific Integrated Circuit (ASIC) Revenue Market Share

Forecast by Type (2026-2031)

Figure 84. Global Application Specific Integrated Circuit (ASIC) Sales Market Share

Forecast by Application (2026-2031)

Figure 85. Global Application Specific Integrated Circuit (ASIC) Revenue Market Share

Forecast by Application (2026-2031)

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