

Application-Specific Integrated Circuit Market Report: Trends, Forecast and Competitive Analysis to 2030

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Abstracts

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Application-Specific Integrated Circuit Trends and Forecast

The future of the global application-specific integrated circuit market looks promising with opportunities in the telecommunication, industrial, automotive, and consumer electronic markets. The global application-specific integrated circuit market is expected to reach an estimated \$21.8 billion by 2030 with a CAGR of 5.7% from 2024 to 2030. The major drivers for this market are rising need for specialized and high-capacity chips and widespread integration of artificial intelligence and machine learning among industries.

A more than 150-page report is developed to help in your business decisions. Sample figures with some insights are shown below.

Application-Specific Integrated Circuit by Segment

The study includes a forecast for the global application-specific integrated circuit by product type, application, and region.

Application-Specific Integrated Circuit Market by Product Type [Shipment Analysis by Value from 2018 to 2030]:

Full Custom ASIC

Semi-Custom ASIC

Programmable ASIC

Application-Specific Integrated Circuit Market by Application [Shipment Analysis by Value from 2018 to 2030]:

Telecommunication

Industrial

Automotive

Consumer Electronics

Others

Application-Specific Integrated Circuit Market by Region [Shipment Analysis by Value from 2018 to 2030]:

North America

Europe

Asia Pacific

The Rest of the World

List of Application-Specific Integrated Circuit Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies application-specific integrated circuit companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the application-specific integrated circuit companies profiled in this report include-

Broadcom

STMicroelectronics

Faraday Technology

Comport Data

FUJITSU

Infineon Technologies

Intel

ASIX Electronics

OmniVision Technologies

Semiconductor Components Industries

Application-Specific Integrated Circuit Market Insights

Lucintel forecasts that semi-custom will remain the largest segment over the forecast period due to its lower complexity and broad range of applications.

Within this market, consumer electronic is expected to witness the highest growth due to increasing use of application specific integrated circuit in various gadgets, such as smartphones, tablets, and laptops.

APAC will remain the largest region over the forecast period due to rapid industrialization, expanding digitization, and presence of key players in the region.

Features of the Global Application-Specific Integrated Circuit Market

Market Size Estimates: Application-specific integrated circuit market size estimation in terms of value (\$B).

Trend and Forecast Analysis: Market trends (2018 to 2023) and forecast (2024 to 2030)

by various segments and regions.

Segmentation Analysis: Application-specific integrated circuit market size by product type, application, and region in terms of value (\$B).

Regional Analysis: Application-specific integrated circuit market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

Growth Opportunities: Analysis of growth opportunities in different product types, applications, and regions for the application-specific integrated circuit market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape of the application-specific integrated circuit market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

FAQ

Q1. What is the application-specific integrated circuit market size?

Answer: The global application-specific integrated circuit market is expected to reach an estimated \$21.8 billion by 2030.

Q2. What is the growth forecast for application-specific integrated circuit market?

Answer: The global application-specific integrated circuit market is expected to grow with a CAGR of 5.7% from 2024 to 2030.

Q3. What are the major drivers influencing the growth of the application-specific integrated circuit market?

Answer: The major drivers for this market are rising need for specialized and high-capacity chips and widespread integration of artificial intelligence and machine learning among industries.

Q4. What are the major segments for application-specific integrated circuit market?

Answer: The future of the application-specific integrated circuit market looks promising with opportunities in the telecommunication, industrial, automotive, and consumer

electronic markets.

Q5. Who are the key application-specific integrated circuit market companies?

Answer: Some of the key application-specific integrated circuit companies are as follows:

Broadcom

STMicroelectronics

Faraday Technology

Comport Data

FUJITSU

Infineon Technologies

Intel

ASIX Electronics

OmniVision Technologies

Semiconductor Components Industries

Q6. Which application-specific integrated circuit market segment will be the largest in future?

Answer: Lucintel forecasts that semi-custom will remain the largest segment over the forecast period due to its lower complexity and broad range of applications.

Q7. In application-specific integrated circuit market, which region is expected to be the largest in next 5 years?

Answer: APAC will remain the largest region over the forecast period due to rapid industrialization, expanding digitization, and presence of key players in the region.

Q.8 Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% customization without any additional cost.

This report answers following 11 key questions:

Q.1. What are some of the most promising, high-growth opportunities for the application-specific integrated circuit market by product type (full custom ASIC, semi-custom ASIC, and programmable ASIC), application (telecommunication, industrial, automotive, consumer electronics, and others), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2. Which segments will grow at a faster pace and why?

Q.3. Which region will grow at a faster pace and why?

Q.4. What are the key factors affecting market dynamics? What are the key challenges and business risks in this market?

Q.5. What are the business risks and competitive threats in this market?

Q.6. What are the emerging trends in this market and the reasons behind them?

Q.7. What are some of the changing demands of customers in the market?

Q.8. What are the new developments in the market? Which companies are leading these developments?

Q.9. Who are the major players in this market? What strategic initiatives are key players pursuing for business growth?

Q.10. What are some of the competing products in this market and how big of a threat do they pose for loss of market share by material or product substitution?

Q.11. What M&A activity has occurred in the last 5 years and what has its impact been on the industry?

For any questions related to Application-Specific Integrated Circuit Market, Application-

Specific Integrated Circuit Market Size, Application-Specific Integrated Circuit Market Growth, Application-Specific Integrated Circuit Market Analysis, Application-Specific Integrated Circuit Market Report, Application-Specific Integrated Circuit Market Share, Application-Specific Integrated Circuit Market Trends, Application-Specific Integrated Circuit Market Forecast, Application-Specific Integrated Circuit Companies, write Lucintel analyst at email: helpdesk@lucintel.com. We will be glad to get back to you soon.

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