

# Logic Integrated Circuit Market: Trends, Opportunities and Competitive Analysis [2023-2028]

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## Abstracts

### Logic Integrated Circuit Market Trends and Forecast

The future of the logic integrated circuit market looks promising with opportunities in the consumer electronic, automotive, IT & telecommunication, manufacturing & automation, healthcare, and aerospace & defense applications. The global logic integrated circuit market is expected to reach an estimated \$142.4 billion by 2028 with a CAGR of 7.5% from 2023 to 2028. The major drivers for this market are increasing proliferation of smartphones, rising adoption of electric vehicles, and expansion of telecommunication infrastructure in both developed as well as developing companies.

### Logic Integrated Circuit Market

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

### Logic Integrated Circuit Market by Segments

### Logic Integrated Circuit Market by Segment

The study includes trends and forecast for logic integrated circuit market by type, product, application, and region, as follows:

Logic Integrated Circuit Market by Type [Value (\$B) Shipment Analysis from 2017 to 2028]:

TTL (Transistor Transistor Logic)

CMOS (Complementary Metal Oxide Semiconductor)

Mixed-Signal IC

Logic Integrated Circuit Market by Product [Value (\$B) Shipment Analysis from 2017 to 2028]:

ASIC

ASSP

PLD

Logic Integrated Circuit Market by Application [Value (\$B) Shipment Analysis from 2017 to 2028]:

Consumer Electronics

Automotive

IT & Telecommunications

Manufacturing and Automation

Healthcare

Aerospace & Defense

Logic Integrated Circuit Market by Region [Value (\$B) Shipment Analysis from 2017 to 2028]:

North America

Europe

Asia Pacific

The Rest of the World

## List of Logic 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, logic integrated circuit companies cater to increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the logic integrated circuit companies market profiled in this report includes-

STMicroelectronics

Renesas Electronics

Toshiba Corporation

Intel Corporation

Qualcomm

NXP Semiconductors

Mediatek

Marvell Semiconductor

Broadcom

## Logic Integrated Circuit Market Insights

Lucintel forecasts that TTL (transistor transistor logic) will remain the largest segment over the forecast period due to emergence of artificial intelligence and increasing demand for wireless technology to establish fast connections between the devices.

Within this market, automotive will remain the largest segment over the forecast period because of increasing inclination towards electric vehicles as consumers are aware about environmental pollution and rising oil prices.

APAC is expected to remain the largest region due to growing trend of modernization of telecommunication and broadband infrastructure along with growing demand for electric vehicles in this region.

## Features of the Logic Integrated Circuit Market

**Market Size Estimates:** Logic integrated circuit market size estimation in terms of value (\$B)

**Trend and Forecast Analysis:** Market trends (2017-2022) and forecast (2023-2028) by various segments and regions.

**Segmentation Analysis:** Logic integrated circuit market size by various segments, such as type, product, application, and region

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

**Growth Opportunities:** Analysis on growth opportunities in different types, products, applications, and regions for the logic integrated circuit market.

**Strategic Analysis:** This includes M&A, new product development, and competitive landscape for logic integrated circuit market.

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

## FAQ

**Q1. What is the logic integrated circuit market size?**

**Answer:** The global logic integrated circuit market expected to reach an estimated \$142.4 billion by 2028.

**Q2. What is the growth forecast for logic integrated circuit market?**

**Answer:** The global logic integrated circuit is expected to grow with a CAGR of 7.5% from 2023 to 2028.

**Q3. What are the major drivers influencing the growth of logic integrated circuit market?**

Answer: The major drivers for this market are increasing proliferation of smartphones, rising adoption of electric vehicles, and expansion of telecommunication infrastructure in both developed as well as developing companies.

Q4. What are the major segments for logic integrated circuit market?

Answer: The future of the logic integrated circuit market looks promising with opportunities in the consumer electronic, automotive, IT & telecommunication, manufacturing & automation, healthcare, and aerospace & defense applications.

Q5. Who are the key logic integrated circuit companies?

Answer: Some of the key logic integrated circuit companies are as follows:

STMicroelectronics

Renesas Electronics

Toshiba Corporation

Intel Corporation

Qualcomm

NXP Semiconductors

Mediatek

Marvell Semiconductor

Broadcom

Q6. Which segment in the global logic integrated circuit will be the largest in future?

Answer: Lucintel forecasts that TTL (transistor transistor logic) will remain the largest segment over the forecast period due to emergence of artificial intelligence and increasing demand for wireless technology to establish fast connections between the devices.

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

Answer: APAC is expected to remain the largest region due to growing trend of modernization of telecommunication and broadband infrastructure along with growing demand for electric vehicles in this region.

Q8. 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 global logic integrated circuit market by type (TTL (transistor transistor logic), CMOS (complementary metal oxide semiconductor), and mixed-signal IC), product (ASIC, ASSP, and PLD), application (consumer electronics, automotive, IT & telecommunications, manufacturing & automation, healthcare, and aerospace & defense), 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 did occur in the last five years and how did they impact the industry?

For any questions related to logic integrated circuit market or related to logic integrated circuit companies, logic integrated circuit market size, logic integrated circuit market share, logic integrated circuit analysis, logic integrated circuit market growth, logic

integrated circuit market research, write Lucintel analyst at email:  
helpdesk@lucintel.com we will be glad to get back to you soon.

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