

Logic Gates Market - Global Outlook and Forecast 2022-2028

<https://marketpublishers.com/r/LF216FA5210BEN.html>

Date: January 2022

Pages: 77

Price: US\$ 3,250.00 (Single User License)

ID: LF216FA5210BEN

Abstracts

Logic gates are the basic components on integrated circuits. Simple logic gates can be composed of transistors. The combination of these transistors allows the high and low levels representing the two signals to produce a high or low level signal after passing through them. The high and low levels can represent logical 'true' and 'false' or 1 and 0 in binary, respectively, so as to realize logical operations.

This report contains market size and forecasts of Logic Gates in global, including the following market information:

Global Logic Gates Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Logic Gates Market Sales, 2017-2022, 2023-2028, (K Units)

Global top five Logic Gates companies in 2021 (%)

The global Logic Gates market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Standard Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Logic Gates include Rohm Semiconductor, Toshiba, ON Semiconductor, Diodes Incorporated and TI Semiconductor, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Logic Gates manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Logic Gates Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Logic Gates Market Segment Percentages, by Type, 2021 (%)

Standard

CMOS

Global Logic Gates Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Logic Gates Market Segment Percentages, by Application, 2021 (%)

Electronic

Medical Instruments

IT

Others

Global Logic Gates Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Logic Gates Market Segment Percentages, By Region and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Logic Gates revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies Logic Gates revenues share in global market, 2021 (%)

Key companies Logic Gates sales in global market, 2017-2022 (Estimated), (K Units)

Key companies Logic Gates sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Rohm Semiconductor

Toshiba

ON Semiconductor

Diodes Incorporated

TI Semiconductor

Contents

1 INTRODUCTION TO RESEARCH & ANALYSIS REPORTS

- 1.1 Logic Gates Market Definition
- 1.2 Market Segments
 - 1.2.1 Market by Type
 - 1.2.2 Market by Application
- 1.3 Global Logic Gates Market Overview
- 1.4 Features & Benefits of This Report
- 1.5 Methodology & Sources of Information
 - 1.5.1 Research Methodology
 - 1.5.2 Research Process
 - 1.5.3 Base Year
 - 1.5.4 Report Assumptions & Caveats

2 GLOBAL LOGIC GATES OVERALL MARKET SIZE

- 2.1 Global Logic Gates Market Size: 2021 VS 2028
- 2.2 Global Logic Gates Revenue, Prospects & Forecasts: 2017-2028
- 2.3 Global Logic Gates Sales: 2017-2028

3 COMPANY LANDSCAPE

- 3.1 Top Logic Gates Players in Global Market
- 3.2 Top Global Logic Gates Companies Ranked by Revenue
- 3.3 Global Logic Gates Revenue by Companies
- 3.4 Global Logic Gates Sales by Companies
- 3.5 Global Logic Gates Price by Manufacturer (2017-2022)
- 3.6 Top 3 and Top 5 Logic Gates Companies in Global Market, by Revenue in 2021
- 3.7 Global Manufacturers Logic Gates Product Type
- 3.8 Tier 1, Tier 2 and Tier 3 Logic Gates Players in Global Market
 - 3.8.1 List of Global Tier 1 Logic Gates Companies
 - 3.8.2 List of Global Tier 2 and Tier 3 Logic Gates Companies

4 SIGHTS BY PRODUCT

- 4.1 Overview
 - 4.1.1 By Type - Global Logic Gates Market Size Markets, 2021 & 2028

- 4.1.2 Standard
- 4.1.3 CMOS
- 4.2 By Type - Global Logic Gates Revenue & Forecasts
 - 4.2.1 By Type - Global Logic Gates Revenue, 2017-2022
 - 4.2.2 By Type - Global Logic Gates Revenue, 2023-2028
 - 4.2.3 By Type - Global Logic Gates Revenue Market Share, 2017-2028
- 4.3 By Type - Global Logic Gates Sales & Forecasts
 - 4.3.1 By Type - Global Logic Gates Sales, 2017-2022
 - 4.3.2 By Type - Global Logic Gates Sales, 2023-2028
 - 4.3.3 By Type - Global Logic Gates Sales Market Share, 2017-2028
- 4.4 By Type - Global Logic Gates Price (Manufacturers Selling Prices), 2017-2028

5 SIGHTS BY APPLICATION

- 5.1 Overview
 - 5.1.1 By Application - Global Logic Gates Market Size, 2021 & 2028
 - 5.1.2 Electronic
 - 5.1.3 Medical Instruments
 - 5.1.4 IT
 - 5.1.5 Others
- 5.2 By Application - Global Logic Gates Revenue & Forecasts
 - 5.2.1 By Application - Global Logic Gates Revenue, 2017-2022
 - 5.2.2 By Application - Global Logic Gates Revenue, 2023-2028
 - 5.2.3 By Application - Global Logic Gates Revenue Market Share, 2017-2028
- 5.3 By Application - Global Logic Gates Sales & Forecasts
 - 5.3.1 By Application - Global Logic Gates Sales, 2017-2022
 - 5.3.2 By Application - Global Logic Gates Sales, 2023-2028
 - 5.3.3 By Application - Global Logic Gates Sales Market Share, 2017-2028
- 5.4 By Application - Global Logic Gates Price (Manufacturers Selling Prices), 2017-2028

6 SIGHTS BY REGION

- 6.1 By Region - Global Logic Gates Market Size, 2021 & 2028
- 6.2 By Region - Global Logic Gates Revenue & Forecasts
 - 6.2.1 By Region - Global Logic Gates Revenue, 2017-2022
 - 6.2.2 By Region - Global Logic Gates Revenue, 2023-2028
 - 6.2.3 By Region - Global Logic Gates Revenue Market Share, 2017-2028
- 6.3 By Region - Global Logic Gates Sales & Forecasts
 - 6.3.1 By Region - Global Logic Gates Sales, 2017-2022

6.3.2 By Region - Global Logic Gates Sales, 2023-2028

6.3.3 By Region - Global Logic Gates Sales Market Share, 2017-2028

6.4 North America

6.4.1 By Country - North America Logic Gates Revenue, 2017-2028

6.4.2 By Country - North America Logic Gates Sales, 2017-2028

6.4.3 US Logic Gates Market Size, 2017-2028

6.4.4 Canada Logic Gates Market Size, 2017-2028

6.4.5 Mexico Logic Gates Market Size, 2017-2028

6.5 Europe

6.5.1 By Country - Europe Logic Gates Revenue, 2017-2028

6.5.2 By Country - Europe Logic Gates Sales, 2017-2028

6.5.3 Germany Logic Gates Market Size, 2017-2028

6.5.4 France Logic Gates Market Size, 2017-2028

6.5.5 U.K. Logic Gates Market Size, 2017-2028

6.5.6 Italy Logic Gates Market Size, 2017-2028

6.5.7 Russia Logic Gates Market Size, 2017-2028

6.5.8 Nordic Countries Logic Gates Market Size, 2017-2028

6.5.9 Benelux Logic Gates Market Size, 2017-2028

6.6 Asia

6.6.1 By Region - Asia Logic Gates Revenue, 2017-2028

6.6.2 By Region - Asia Logic Gates Sales, 2017-2028

6.6.3 China Logic Gates Market Size, 2017-2028

6.6.4 Japan Logic Gates Market Size, 2017-2028

6.6.5 South Korea Logic Gates Market Size, 2017-2028

6.6.6 Southeast Asia Logic Gates Market Size, 2017-2028

6.6.7 India Logic Gates Market Size, 2017-2028

6.7 South America

6.7.1 By Country - South America Logic Gates Revenue, 2017-2028

6.7.2 By Country - South America Logic Gates Sales, 2017-2028

6.7.3 Brazil Logic Gates Market Size, 2017-2028

6.7.4 Argentina Logic Gates Market Size, 2017-2028

6.8 Middle East & Africa

6.8.1 By Country - Middle East & Africa Logic Gates Revenue, 2017-2028

6.8.2 By Country - Middle East & Africa Logic Gates Sales, 2017-2028

6.8.3 Turkey Logic Gates Market Size, 2017-2028

6.8.4 Israel Logic Gates Market Size, 2017-2028

6.8.5 Saudi Arabia Logic Gates Market Size, 2017-2028

6.8.6 UAE Logic Gates Market Size, 2017-2028

7 MANUFACTURERS & BRANDS PROFILES

7.1 Rohm Semiconductor

7.1.1 Rohm Semiconductor Corporate Summary

7.1.2 Rohm Semiconductor Business Overview

7.1.3 Rohm Semiconductor Logic Gates Major Product Offerings

7.1.4 Rohm Semiconductor Logic Gates Sales and Revenue in Global (2017-2022)

7.1.5 Rohm Semiconductor Key News

7.2 Toshiba

7.2.1 Toshiba Corporate Summary

7.2.2 Toshiba Business Overview

7.2.3 Toshiba Logic Gates Major Product Offerings

7.2.4 Toshiba Logic Gates Sales and Revenue in Global (2017-2022)

7.2.5 Toshiba Key News

7.3 ON Semiconductor

7.3.1 ON Semiconductor Corporate Summary

7.3.2 ON Semiconductor Business Overview

7.3.3 ON Semiconductor Logic Gates Major Product Offerings

7.3.4 ON Semiconductor Logic Gates Sales and Revenue in Global (2017-2022)

7.3.5 ON Semiconductor Key News

7.4 Diodes Incorporated

7.4.1 Diodes Incorporated Corporate Summary

7.4.2 Diodes Incorporated Business Overview

7.4.3 Diodes Incorporated Logic Gates Major Product Offerings

7.4.4 Diodes Incorporated Logic Gates Sales and Revenue in Global (2017-2022)

7.4.5 Diodes Incorporated Key News

7.5 TI Semiconductor

7.5.1 TI Semiconductor Corporate Summary

7.5.2 TI Semiconductor Business Overview

7.5.3 TI Semiconductor Logic Gates Major Product Offerings

7.5.4 TI Semiconductor Logic Gates Sales and Revenue in Global (2017-2022)

7.5.5 TI Semiconductor Key News

8 GLOBAL LOGIC GATES PRODUCTION CAPACITY, ANALYSIS

8.1 Global Logic Gates Production Capacity, 2017-2028

8.2 Logic Gates Production Capacity of Key Manufacturers in Global Market

8.3 Global Logic Gates Production by Region

9 KEY MARKET TRENDS, OPPORTUNITY, DRIVERS AND RESTRAINTS

9.1 Market Opportunities & Trends

9.2 Market Drivers

9.3 Market Restraints

10 LOGIC GATES SUPPLY CHAIN ANALYSIS

10.1 Logic Gates Industry Value Chain

10.2 Logic Gates Upstream Market

10.3 Logic Gates Downstream and Clients

10.4 Marketing Channels Analysis

10.4.1 Marketing Channels

10.4.2 Logic Gates Distributors and Sales Agents in Global

11 CONCLUSION

12 APPENDIX

12.1 Note

12.2 Examples of Clients

12.3 Disclaimer

List Of Tables

LIST OF TABLES

- Table 1. Key Players of Logic Gates in Global Market
- Table 2. Top Logic Gates Players in Global Market, Ranking by Revenue (2021)
- Table 3. Global Logic Gates Revenue by Companies, (US\$, Mn), 2017-2022
- Table 4. Global Logic Gates Revenue Share by Companies, 2017-2022
- Table 5. Global Logic Gates Sales by Companies, (K Units), 2017-2022
- Table 6. Global Logic Gates Sales Share by Companies, 2017-2022
- Table 7. Key Manufacturers Logic Gates Price (2017-2022) & (US\$/Unit)
- Table 8. Global Manufacturers Logic Gates Product Type
- Table 9. List of Global Tier 1 Logic Gates Companies, Revenue (US\$, Mn) in 2021 and Market Share
- Table 10. List of Global Tier 2 and Tier 3 Logic Gates Companies, Revenue (US\$, Mn) in 2021 and Market Share
- Table 11. By Type – Global Logic Gates Revenue, (US\$, Mn), 2021 & 2028
- Table 12. By Type - Global Logic Gates Revenue (US\$, Mn), 2017-2022
- Table 13. By Type - Global Logic Gates Revenue (US\$, Mn), 2023-2028
- Table 14. By Type - Global Logic Gates Sales (K Units), 2017-2022
- Table 15. By Type - Global Logic Gates Sales (K Units), 2023-2028
- Table 16. By Application – Global Logic Gates Revenue, (US\$, Mn), 2021 & 2028
- Table 17. By Application - Global Logic Gates Revenue (US\$, Mn), 2017-2022
- Table 18. By Application - Global Logic Gates Revenue (US\$, Mn), 2023-2028
- Table 19. By Application - Global Logic Gates Sales (K Units), 2017-2022
- Table 20. By Application - Global Logic Gates Sales (K Units), 2023-2028
- Table 21. By Region – Global Logic Gates Revenue, (US\$, Mn), 2021 VS 2028
- Table 22. By Region - Global Logic Gates Revenue (US\$, Mn), 2017-2022
- Table 23. By Region - Global Logic Gates Revenue (US\$, Mn), 2023-2028
- Table 24. By Region - Global Logic Gates Sales (K Units), 2017-2022
- Table 25. By Region - Global Logic Gates Sales (K Units), 2023-2028
- Table 26. By Country - North America Logic Gates Revenue, (US\$, Mn), 2017-2022
- Table 27. By Country - North America Logic Gates Revenue, (US\$, Mn), 2023-2028
- Table 28. By Country - North America Logic Gates Sales, (K Units), 2017-2022
- Table 29. By Country - North America Logic Gates Sales, (K Units), 2023-2028
- Table 30. By Country - Europe Logic Gates Revenue, (US\$, Mn), 2017-2022
- Table 31. By Country - Europe Logic Gates Revenue, (US\$, Mn), 2023-2028
- Table 32. By Country - Europe Logic Gates Sales, (K Units), 2017-2022
- Table 33. By Country - Europe Logic Gates Sales, (K Units), 2023-2028

Table 34. By Region - Asia Logic Gates Revenue, (US\$, Mn), 2017-2022
Table 35. By Region - Asia Logic Gates Revenue, (US\$, Mn), 2023-2028
Table 36. By Region - Asia Logic Gates Sales, (K Units), 2017-2022
Table 37. By Region - Asia Logic Gates Sales, (K Units), 2023-2028
Table 38. By Country - South America Logic Gates Revenue, (US\$, Mn), 2017-2022
Table 39. By Country - South America Logic Gates Revenue, (US\$, Mn), 2023-2028
Table 40. By Country - South America Logic Gates Sales, (K Units), 2017-2022
Table 41. By Country - South America Logic Gates Sales, (K Units), 2023-2028
Table 42. By Country - Middle East & Africa Logic Gates Revenue, (US\$, Mn), 2017-2022
Table 43. By Country - Middle East & Africa Logic Gates Revenue, (US\$, Mn), 2023-2028
Table 44. By Country - Middle East & Africa Logic Gates Sales, (K Units), 2017-2022
Table 45. By Country - Middle East & Africa Logic Gates Sales, (K Units), 2023-2028
Table 46. Rohm Semiconductor Corporate Summary
Table 47. Rohm Semiconductor Logic Gates Product Offerings
Table 48. Rohm Semiconductor Logic Gates Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)
Table 49. Toshiba Corporate Summary
Table 50. Toshiba Logic Gates Product Offerings
Table 51. Toshiba Logic Gates Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)
Table 52. ON Semiconductor Corporate Summary
Table 53. ON Semiconductor Logic Gates Product Offerings
Table 54. ON Semiconductor Logic Gates Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)
Table 55. Diodes Incorporated Corporate Summary
Table 56. Diodes Incorporated Logic Gates Product Offerings
Table 57. Diodes Incorporated Logic Gates Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)
Table 58. TI Semiconductor Corporate Summary
Table 59. TI Semiconductor Logic Gates Product Offerings
Table 60. TI Semiconductor Logic Gates Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)
Table 61. Logic Gates Production Capacity (K Units) of Key Manufacturers in Global Market, 2020-2022 (K Units)
Table 62. Global Logic Gates Capacity Market Share of Key Manufacturers, 2020-2022
Table 63. Global Logic Gates Production by Region, 2017-2022 (K Units)
Table 64. Global Logic Gates Production by Region, 2023-2028 (K Units)

Table 65. Logic Gates Market Opportunities & Trends in Global Market

Table 66. Logic Gates Market Drivers in Global Market

Table 67. Logic Gates Market Restraints in Global Market

Table 68. Logic Gates Raw Materials

Table 69. Logic Gates Raw Materials Suppliers in Global Market

Table 70. Typical Logic Gates Downstream

Table 71. Logic Gates Downstream Clients in Global Market

Table 72. Logic Gates Distributors and Sales Agents in Global Market

List Of Figures

LIST OF FIGURES

- Figure 1. Logic Gates Segment by Type
- Figure 2. Logic Gates Segment by Application
- Figure 3. Global Logic Gates Market Overview: 2021
- Figure 4. Key Caveats
- Figure 5. Global Logic Gates Market Size: 2021 VS 2028 (US\$, Mn)
- Figure 6. Global Logic Gates Revenue, 2017-2028 (US\$, Mn)
- Figure 7. Logic Gates Sales in Global Market: 2017-2028 (K Units)
- Figure 8. The Top 3 and 5 Players Market Share by Logic Gates Revenue in 2021
- Figure 9. By Type - Global Logic Gates Sales Market Share, 2017-2028
- Figure 10. By Type - Global Logic Gates Revenue Market Share, 2017-2028
- Figure 11. By Type - Global Logic Gates Price (US\$/Unit), 2017-2028
- Figure 12. By Application - Global Logic Gates Sales Market Share, 2017-2028
- Figure 13. By Application - Global Logic Gates Revenue Market Share, 2017-2028
- Figure 14. By Application - Global Logic Gates Price (US\$/Unit), 2017-2028
- Figure 15. By Region - Global Logic Gates Sales Market Share, 2017-2028
- Figure 16. By Region - Global Logic Gates Revenue Market Share, 2017-2028
- Figure 17. By Country - North America Logic Gates Revenue Market Share, 2017-2028
- Figure 18. By Country - North America Logic Gates Sales Market Share, 2017-2028
- Figure 19. US Logic Gates Revenue, (US\$, Mn), 2017-2028
- Figure 20. Canada Logic Gates Revenue, (US\$, Mn), 2017-2028
- Figure 21. Mexico Logic Gates Revenue, (US\$, Mn), 2017-2028
- Figure 22. By Country - Europe Logic Gates Revenue Market Share, 2017-2028
- Figure 23. By Country - Europe Logic Gates Sales Market Share, 2017-2028
- Figure 24. Germany Logic Gates Revenue, (US\$, Mn), 2017-2028
- Figure 25. France Logic Gates Revenue, (US\$, Mn), 2017-2028
- Figure 26. U.K. Logic Gates Revenue, (US\$, Mn), 2017-2028
- Figure 27. Italy Logic Gates Revenue, (US\$, Mn), 2017-2028
- Figure 28. Russia Logic Gates Revenue, (US\$, Mn), 2017-2028
- Figure 29. Nordic Countries Logic Gates Revenue, (US\$, Mn), 2017-2028
- Figure 30. Benelux Logic Gates Revenue, (US\$, Mn), 2017-2028
- Figure 31. By Region - Asia Logic Gates Revenue Market Share, 2017-2028
- Figure 32. By Region - Asia Logic Gates Sales Market Share, 2017-2028
- Figure 33. China Logic Gates Revenue, (US\$, Mn), 2017-2028
- Figure 34. Japan Logic Gates Revenue, (US\$, Mn), 2017-2028
- Figure 35. South Korea Logic Gates Revenue, (US\$, Mn), 2017-2028

Figure 36. Southeast Asia Logic Gates Revenue, (US\$, Mn), 2017-2028

Figure 37. India Logic Gates Revenue, (US\$, Mn), 2017-2028

Figure 38. By Country - South America Logic Gates Revenue Market Share, 2017-2028

Figure 39. By Country - South America Logic Gates Sales Market Share, 2017-2028

Figure 40. Brazil Logic Gates Revenue, (US\$, Mn), 2017-2028

Figure 41. Argentina Logic Gates Revenue, (US\$, Mn), 2017-2028

Figure 42. By Country - Middle East & Africa Logic Gates Revenue Market Share, 2017-2028

Figure 43. By Country - Middle East & Africa Logic Gates Sales Market Share, 2017-2028

Figure 44. Turkey Logic Gates Revenue, (US\$, Mn), 2017-2028

Figure 45. Israel Logic Gates Revenue, (US\$, Mn), 2017-2028

Figure 46. Saudi Arabia Logic Gates Revenue, (US\$, Mn), 2017-2028

Figure 47. UAE Logic Gates Revenue, (US\$, Mn), 2017-2028

Figure 48. Global Logic Gates Production Capacity (K Units), 2017-2028

Figure 49. The Percentage of Production Logic Gates by Region, 2021 VS 2028

Figure 50. Logic Gates Industry Value Chain

Figure 51. Marketing Channels

I would like to order

Product name: Logic Gates Market - Global Outlook and Forecast 2022-2028

Product link: <https://marketpublishers.com/r/LF216FA5210BEN.html>

Price: US\$ 3,250.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/LF216FA5210BEN.html>