

Global Gates and Inverters Market Growth 2026-2032

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Abstracts

The global Gates and Inverters market size is predicted to grow from US\$ million in 2025 to US\$ million in 2032; it is expected to grow at a CAGR of % from 2026 to 2032.

Gates and inverters are the basic building blocks of complex logic functions in digital circuits. They can be combined and connected to realize various complex logic operations, thus forming various logic circuits and digital systems in digital circuits. In digital logic design and electronic circuits, gates and inverters have important applications, such as in computers, communication systems, control systems and other digital electronic devices.

United States market for Gates and Inverters is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for Gates and Inverters is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for Gates and Inverters is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key Gates and Inverters players cover ABLIC Inc., Diodes Incorporated, Microchip Technology, Nexperia USA Inc., NXP USA Inc., etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

LP Information, Inc. (LPI) ' newest research report, the "Gates and Inverters Industry Forecast" looks at past sales and reviews total world Gates and Inverters sales in 2025, providing a comprehensive analysis by region and market sector of projected Gates and Inverters sales for 2026 through 2032. With Gates and Inverters sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$

millions of the world Gates and Inverters industry.

This Insight Report provides a comprehensive analysis of the global Gates and Inverters 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 Gates and Inverters portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Gates and Inverters market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Gates and Inverters 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 Gates and Inverters.

This report presents a comprehensive overview, market shares, and growth opportunities of Gates and Inverters market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

AND Gate

NAND Gate

Inverter

OR Gate

NOR Gate

Segmentation by Application:

Electronic

Communication

The Industrial

Other

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.

ABLIC Inc.

Diodes Incorporated

Microchip Technology

Nexperia USA Inc.

NXP USA Inc.

onsemi

Renesas Electronics America Inc

Rochester Electronics, LLC

Rohm Semiconductor

SparkFun Electronics

STMicroelectronics

Texas Instruments

Torex Semiconductor Ltd

Toshiba Semiconductor and Storage

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Key Questions Addressed in this Report

What is the 10-year outlook for the global Gates and Inverters market?

What factors are driving Gates and Inverters market growth, globally and by region?

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

How do Gates and Inverters market opportunities vary by end market size?

How does Gates and Inverters 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 Gates and Inverters Annual Sales 2021-2032
- 2.1.2 World Current & Future Analysis for Gates and Inverters by Geographic Region, 2021, 2025 & 2032
- 2.1.3 World Current & Future Analysis for Gates and Inverters by Country/Region, 2021, 2025 & 2032

2.2 Gates and Inverters Segment by Type

- 2.2.1 AND Gate
- 2.2.2 NAND Gate
- 2.2.3 Inverter
- 2.2.4 OR Gate
- 2.2.5 NOR Gate
- 2.2.6 Gates and Inverters Sales by Type
 - 2.2.6.1 Global Gates and Inverters Sales Market Share by Type (2021-2026)
 - 2.2.6.2 Global Gates and Inverters Revenue and Market Share by Type (2021-2026)
 - 2.2.6.3 Global Gates and Inverters Sale Price by Type (2021-2026)

2.3 Gates and Inverters Segment by Application

- 2.3.1 Electronic
- 2.3.2 Communication
- 2.3.3 The Industrial
- 2.3.4 Other
- 2.3.5 Gates and Inverters Sales by Application
 - 2.3.5.1 Global Gates and Inverters Sale Market Share by Application (2021-2026)
 - 2.3.5.2 Global Gates and Inverters Revenue and Market Share by Application

(2021-2026)

2.3.5.3 Global Gates and Inverters Sale Price by Application (2021-2026)

3 GLOBAL BY COMPANY

3.1 Global Gates and Inverters Breakdown Data by Company

3.1.1 Global Gates and Inverters Annual Sales by Company (2021-2026)

3.1.2 Global Gates and Inverters Sales Market Share by Company (2021-2026)

3.2 Global Gates and Inverters Annual Revenue by Company (2021-2026)

3.2.1 Global Gates and Inverters Revenue by Company (2021-2026)

3.2.2 Global Gates and Inverters Revenue Market Share by Company (2021-2026)

3.3 Global Gates and Inverters Sale Price by Company

3.4 Key Manufacturers Gates and Inverters Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Gates and Inverters Product Location Distribution

3.4.2 Players Gates and Inverters Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR GATES AND INVERTERS BY GEOGRAPHIC REGION

4.1 World Historic Gates and Inverters Market Size by Geographic Region (2021-2026)

4.1.1 Global Gates and Inverters Annual Sales by Geographic Region (2021-2026)

4.1.2 Global Gates and Inverters Annual Revenue by Geographic Region (2021-2026)

4.2 World Historic Gates and Inverters Market Size by Country/Region (2021-2026)

4.2.1 Global Gates and Inverters Annual Sales by Country/Region (2021-2026)

4.2.2 Global Gates and Inverters Annual Revenue by Country/Region (2021-2026)

4.3 Americas Gates and Inverters Sales Growth

4.4 APAC Gates and Inverters Sales Growth

4.5 Europe Gates and Inverters Sales Growth

4.6 Middle East & Africa Gates and Inverters Sales Growth

5 AMERICAS

5.1 Americas Gates and Inverters Sales by Country

- 5.1.1 Americas Gates and Inverters Sales by Country (2021-2026)
- 5.1.2 Americas Gates and Inverters Revenue by Country (2021-2026)
- 5.2 Americas Gates and Inverters Sales by Type (2021-2026)
- 5.3 Americas Gates and Inverters Sales by Application (2021-2026)
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

6 APAC

- 6.1 APAC Gates and Inverters Sales by Region
 - 6.1.1 APAC Gates and Inverters Sales by Region (2021-2026)
 - 6.1.2 APAC Gates and Inverters Revenue by Region (2021-2026)
- 6.2 APAC Gates and Inverters Sales by Type (2021-2026)
- 6.3 APAC Gates and Inverters Sales by Application (2021-2026)
- 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 Gates and Inverters by Country
 - 7.1.1 Europe Gates and Inverters Sales by Country (2021-2026)
 - 7.1.2 Europe Gates and Inverters Revenue by Country (2021-2026)
- 7.2 Europe Gates and Inverters Sales by Type (2021-2026)
- 7.3 Europe Gates and Inverters Sales by Application (2021-2026)
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Gates and Inverters by Country

8.1.1 Middle East & Africa Gates and Inverters Sales by Country (2021-2026)

8.1.2 Middle East & Africa Gates and Inverters Revenue by Country (2021-2026)

8.2 Middle East & Africa Gates and Inverters Sales by Type (2021-2026)

8.3 Middle East & Africa Gates and Inverters Sales by Application (2021-2026)

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 Gates and Inverters

10.3 Manufacturing Process Analysis of Gates and Inverters

10.4 Industry Chain Structure of Gates and Inverters

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Gates and Inverters Distributors

11.3 Gates and Inverters Customer

12 WORLD FORECAST REVIEW FOR GATES AND INVERTERS BY GEOGRAPHIC REGION

12.1 Global Gates and Inverters Market Size Forecast by Region

12.1.1 Global Gates and Inverters Forecast by Region (2027-2032)

12.1.2 Global Gates and Inverters Annual Revenue Forecast by Region (2027-2032)

12.2 Americas Forecast by Country (2027-2032)

- 12.3 APAC Forecast by Region (2027-2032)
- 12.4 Europe Forecast by Country (2027-2032)
- 12.5 Middle East & Africa Forecast by Country (2027-2032)
- 12.6 Global Gates and Inverters Forecast by Type (2027-2032)
- 12.7 Global Gates and Inverters Forecast by Application (2027-2032)

13 KEY PLAYERS ANALYSIS

13.1 ABLIC Inc.

- 13.1.1 ABLIC Inc. Company Information
- 13.1.2 ABLIC Inc. Gates and Inverters Product Portfolios and Specifications
- 13.1.3 ABLIC Inc. Gates and Inverters Sales, Revenue, Price and Gross Margin (2021-2026)
- 13.1.4 ABLIC Inc. Main Business Overview
- 13.1.5 ABLIC Inc. Latest Developments

13.2 Diodes Incorporated

- 13.2.1 Diodes Incorporated Company Information
- 13.2.2 Diodes Incorporated Gates and Inverters Product Portfolios and Specifications
- 13.2.3 Diodes Incorporated Gates and Inverters Sales, Revenue, Price and Gross Margin (2021-2026)
- 13.2.4 Diodes Incorporated Main Business Overview
- 13.2.5 Diodes Incorporated Latest Developments

13.3 Microchip Technology

- 13.3.1 Microchip Technology Company Information
- 13.3.2 Microchip Technology Gates and Inverters Product Portfolios and Specifications
- 13.3.3 Microchip Technology Gates and Inverters Sales, Revenue, Price and Gross Margin (2021-2026)
- 13.3.4 Microchip Technology Main Business Overview
- 13.3.5 Microchip Technology Latest Developments

13.4 Nexperia USA Inc.

- 13.4.1 Nexperia USA Inc. Company Information
- 13.4.2 Nexperia USA Inc. Gates and Inverters Product Portfolios and Specifications
- 13.4.3 Nexperia USA Inc. Gates and Inverters Sales, Revenue, Price and Gross Margin (2021-2026)
- 13.4.4 Nexperia USA Inc. Main Business Overview
- 13.4.5 Nexperia USA Inc. Latest Developments

13.5 NXP USA Inc.

- 13.5.1 NXP USA Inc. Company Information
- 13.5.2 NXP USA Inc. Gates and Inverters Product Portfolios and Specifications

13.5.3 NXP USA Inc. Gates and Inverters Sales, Revenue, Price and Gross Margin (2021-2026)

13.5.4 NXP USA Inc. Main Business Overview

13.5.5 NXP USA Inc. Latest Developments

13.6 onsemi

13.6.1 onsemi Company Information

13.6.2 onsemi Gates and Inverters Product Portfolios and Specifications

13.6.3 onsemi Gates and Inverters Sales, Revenue, Price and Gross Margin (2021-2026)

13.6.4 onsemi Main Business Overview

13.6.5 onsemi Latest Developments

13.7 Renesas Electronics America Inc

13.7.1 Renesas Electronics America Inc Company Information

13.7.2 Renesas Electronics America Inc Gates and Inverters Product Portfolios and Specifications

13.7.3 Renesas Electronics America Inc Gates and Inverters Sales, Revenue, Price and Gross Margin (2021-2026)

13.7.4 Renesas Electronics America Inc Main Business Overview

13.7.5 Renesas Electronics America Inc Latest Developments

13.8 Rochester Electronics, LLC

13.8.1 Rochester Electronics, LLC Company Information

13.8.2 Rochester Electronics, LLC Gates and Inverters Product Portfolios and Specifications

13.8.3 Rochester Electronics, LLC Gates and Inverters Sales, Revenue, Price and Gross Margin (2021-2026)

13.8.4 Rochester Electronics, LLC Main Business Overview

13.8.5 Rochester Electronics, LLC Latest Developments

13.9 Rohm Semiconductor

13.9.1 Rohm Semiconductor Company Information

13.9.2 Rohm Semiconductor Gates and Inverters Product Portfolios and Specifications

13.9.3 Rohm Semiconductor Gates and Inverters Sales, Revenue, Price and Gross Margin (2021-2026)

13.9.4 Rohm Semiconductor Main Business Overview

13.9.5 Rohm Semiconductor Latest Developments

13.10 SparkFun Electronics

13.10.1 SparkFun Electronics Company Information

13.10.2 SparkFun Electronics Gates and Inverters Product Portfolios and Specifications

13.10.3 SparkFun Electronics Gates and Inverters Sales, Revenue, Price and Gross

Margin (2021-2026)

13.10.4 SparkFun Electronics Main Business Overview

13.10.5 SparkFun Electronics Latest Developments

13.11 STMicroelectronics

13.11.1 STMicroelectronics Company Information

13.11.2 STMicroelectronics Gates and Inverters Product Portfolios and Specifications

13.11.3 STMicroelectronics Gates and Inverters Sales, Revenue, Price and Gross

Margin (2021-2026)

13.11.4 STMicroelectronics Main Business Overview

13.11.5 STMicroelectronics Latest Developments

13.12 Texas Instruments

13.12.1 Texas Instruments Company Information

13.12.2 Texas Instruments Gates and Inverters Product Portfolios and Specifications

13.12.3 Texas Instruments Gates and Inverters Sales, Revenue, Price and Gross

Margin (2021-2026)

13.12.4 Texas Instruments Main Business Overview

13.12.5 Texas Instruments Latest Developments

13.13 Torex Semiconductor Ltd

13.13.1 Torex Semiconductor Ltd Company Information

13.13.2 Torex Semiconductor Ltd Gates and Inverters Product Portfolios and Specifications

13.13.3 Torex Semiconductor Ltd Gates and Inverters Sales, Revenue, Price and

Gross Margin (2021-2026)

13.13.4 Torex Semiconductor Ltd Main Business Overview

13.13.5 Torex Semiconductor Ltd Latest Developments

13.14 Toshiba Semiconductor and Storage

13.14.1 Toshiba Semiconductor and Storage Company Information

13.14.2 Toshiba Semiconductor and Storage Gates and Inverters Product Portfolios and Specifications

13.14.3 Toshiba Semiconductor and Storage Gates and Inverters Sales, Revenue,

Price and Gross Margin (2021-2026)

13.14.4 Toshiba Semiconductor and Storage Main Business Overview

13.14.5 Toshiba Semiconductor and Storage Latest Developments

13.15 UMW

13.15.1 UMW Company Information

13.15.2 UMW Gates and Inverters Product Portfolios and Specifications

13.15.3 UMW Gates and Inverters Sales, Revenue, Price and Gross Margin

(2021-2026)

13.15.4 UMW Main Business Overview

13.15.5 UMW Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

- Table 1. Gates and Inverters Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Table 2. Gates and Inverters Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & (\$ millions)
- Table 3. Major Players of AND Gate
- Table 4. Major Players of NAND Gate
- Table 5. Major Players of Inverter
- Table 6. Major Players of OR Gate
- Table 7. Major Players of NOR Gate
- Table 8. Global Gates and Inverters Sales by Type (2021-2026) & (K Units)
- Table 9. Global Gates and Inverters Sales Market Share by Type (2021-2026)
- Table 10. Global Gates and Inverters Revenue by Type (2021-2026) & (\$ million)
- Table 11. Global Gates and Inverters Revenue Market Share by Type (2021-2026)
- Table 12. Global Gates and Inverters Sale Price by Type (2021-2026) & (US\$/Unit)
- Table 13. Global Gates and Inverters Sale by Application (2021-2026) & (K Units)
- Table 14. Global Gates and Inverters Sale Market Share by Application (2021-2026)
- Table 15. Global Gates and Inverters Revenue by Application (2021-2026) & (\$ million)
- Table 16. Global Gates and Inverters Revenue Market Share by Application (2021-2026)
- Table 17. Global Gates and Inverters Sale Price by Application (2021-2026) & (US\$/Unit)
- Table 18. Global Gates and Inverters Sales by Company (2021-2026) & (K Units)
- Table 19. Global Gates and Inverters Sales Market Share by Company (2021-2026)
- Table 20. Global Gates and Inverters Revenue by Company (2021-2026) & (\$ millions)
- Table 21. Global Gates and Inverters Revenue Market Share by Company (2021-2026)
- Table 22. Global Gates and Inverters Sale Price by Company (2021-2026) & (US\$/Unit)
- Table 23. Key Manufacturers Gates and Inverters Producing Area Distribution and Sales Area
- Table 24. Players Gates and Inverters Products Offered
- Table 25. Gates and Inverters Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)
- Table 26. New Products and Potential Entrants
- Table 27. Market M&A Activity & Strategy
- Table 28. Global Gates and Inverters Sales by Geographic Region (2021-2026) & (K Units)

Table 29. Global Gates and Inverters Sales Market Share Geographic Region (2021-2026)

Table 30. Global Gates and Inverters Revenue by Geographic Region (2021-2026) & (\$ millions)

Table 31. Global Gates and Inverters Revenue Market Share by Geographic Region (2021-2026)

Table 32. Global Gates and Inverters Sales by Country/Region (2021-2026) & (K Units)

Table 33. Global Gates and Inverters Sales Market Share by Country/Region (2021-2026)

Table 34. Global Gates and Inverters Revenue by Country/Region (2021-2026) & (\$ millions)

Table 35. Global Gates and Inverters Revenue Market Share by Country/Region (2021-2026)

Table 36. Americas Gates and Inverters Sales by Country (2021-2026) & (K Units)

Table 37. Americas Gates and Inverters Sales Market Share by Country (2021-2026)

Table 38. Americas Gates and Inverters Revenue by Country (2021-2026) & (\$ millions)

Table 39. Americas Gates and Inverters Sales by Type (2021-2026) & (K Units)

Table 40. Americas Gates and Inverters Sales by Application (2021-2026) & (K Units)

Table 41. APAC Gates and Inverters Sales by Region (2021-2026) & (K Units)

Table 42. APAC Gates and Inverters Sales Market Share by Region (2021-2026)

Table 43. APAC Gates and Inverters Revenue by Region (2021-2026) & (\$ millions)

Table 44. APAC Gates and Inverters Sales by Type (2021-2026) & (K Units)

Table 45. APAC Gates and Inverters Sales by Application (2021-2026) & (K Units)

Table 46. Europe Gates and Inverters Sales by Country (2021-2026) & (K Units)

Table 47. Europe Gates and Inverters Revenue by Country (2021-2026) & (\$ millions)

Table 48. Europe Gates and Inverters Sales by Type (2021-2026) & (K Units)

Table 49. Europe Gates and Inverters Sales by Application (2021-2026) & (K Units)

Table 50. Middle East & Africa Gates and Inverters Sales by Country (2021-2026) & (K Units)

Table 51. Middle East & Africa Gates and Inverters Revenue Market Share by Country (2021-2026)

Table 52. Middle East & Africa Gates and Inverters Sales by Type (2021-2026) & (K Units)

Table 53. Middle East & Africa Gates and Inverters Sales by Application (2021-2026) & (K Units)

Table 54. Key Market Drivers & Growth Opportunities of Gates and Inverters

Table 55. Key Market Challenges & Risks of Gates and Inverters

Table 56. Key Industry Trends of Gates and Inverters

Table 57. Gates and Inverters Raw Material

Table 58. Key Suppliers of Raw Materials
Table 59. Gates and Inverters Distributors List
Table 60. Gates and Inverters Customer List
Table 61. Global Gates and Inverters Sales Forecast by Region (2027-2032) & (K Units)
Table 62. Global Gates and Inverters Revenue Forecast by Region (2027-2032) & (\$ millions)
Table 63. Americas Gates and Inverters Sales Forecast by Country (2027-2032) & (K Units)
Table 64. Americas Gates and Inverters Annual Revenue Forecast by Country (2027-2032) & (\$ millions)
Table 65. APAC Gates and Inverters Sales Forecast by Region (2027-2032) & (K Units)
Table 66. APAC Gates and Inverters Annual Revenue Forecast by Region (2027-2032) & (\$ millions)
Table 67. Europe Gates and Inverters Sales Forecast by Country (2027-2032) & (K Units)
Table 68. Europe Gates and Inverters Revenue Forecast by Country (2027-2032) & (\$ millions)
Table 69. Middle East & Africa Gates and Inverters Sales Forecast by Country (2027-2032) & (K Units)
Table 70. Middle East & Africa Gates and Inverters Revenue Forecast by Country (2027-2032) & (\$ millions)
Table 71. Global Gates and Inverters Sales Forecast by Type (2027-2032) & (K Units)
Table 72. Global Gates and Inverters Revenue Forecast by Type (2027-2032) & (\$ millions)
Table 73. Global Gates and Inverters Sales Forecast by Application (2027-2032) & (K Units)
Table 74. Global Gates and Inverters Revenue Forecast by Application (2027-2032) & (\$ millions)
Table 75. ABLIC Inc. Basic Information, Gates and Inverters Manufacturing Base, Sales Area and Its Competitors
Table 76. ABLIC Inc. Gates and Inverters Product Portfolios and Specifications
Table 77. ABLIC Inc. Gates and Inverters Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)
Table 78. ABLIC Inc. Main Business
Table 79. ABLIC Inc. Latest Developments
Table 80. Diodes Incorporated Basic Information, Gates and Inverters Manufacturing Base, Sales Area and Its Competitors
Table 81. Diodes Incorporated Gates and Inverters Product Portfolios and Specifications

Table 82. Diodes Incorporated Gates and Inverters Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 83. Diodes Incorporated Main Business

Table 84. Diodes Incorporated Latest Developments

Table 85. Microchip Technology Basic Information, Gates and Inverters Manufacturing Base, Sales Area and Its Competitors

Table 86. Microchip Technology Gates and Inverters Product Portfolios and Specifications

Table 87. Microchip Technology Gates and Inverters Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 88. Microchip Technology Main Business

Table 89. Microchip Technology Latest Developments

Table 90. Nexperia USA Inc. Basic Information, Gates and Inverters Manufacturing Base, Sales Area and Its Competitors

Table 91. Nexperia USA Inc. Gates and Inverters Product Portfolios and Specifications

Table 92. Nexperia USA Inc. Gates and Inverters Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 93. Nexperia USA Inc. Main Business

Table 94. Nexperia USA Inc. Latest Developments

Table 95. NXP USA Inc. Basic Information, Gates and Inverters Manufacturing Base, Sales Area and Its Competitors

Table 96. NXP USA Inc. Gates and Inverters Product Portfolios and Specifications

Table 97. NXP USA Inc. Gates and Inverters Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 98. NXP USA Inc. Main Business

Table 99. NXP USA Inc. Latest Developments

Table 100. onsemi Basic Information, Gates and Inverters Manufacturing Base, Sales Area and Its Competitors

Table 101. onsemi Gates and Inverters Product Portfolios and Specifications

Table 102. onsemi Gates and Inverters Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 103. onsemi Main Business

Table 104. onsemi Latest Developments

Table 105. Renesas Electronics America Inc Basic Information, Gates and Inverters Manufacturing Base, Sales Area and Its Competitors

Table 106. Renesas Electronics America Inc Gates and Inverters Product Portfolios and Specifications

Table 107. Renesas Electronics America Inc Gates and Inverters Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 108. Renesas Electronics America Inc Main Business
Table 109. Renesas Electronics America Inc Latest Developments
Table 110. Rochester Electronics, LLC Basic Information, Gates and Inverters Manufacturing Base, Sales Area and Its Competitors
Table 111. Rochester Electronics, LLC Gates and Inverters Product Portfolios and Specifications
Table 112. Rochester Electronics, LLC Gates and Inverters Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)
Table 113. Rochester Electronics, LLC Main Business
Table 114. Rochester Electronics, LLC Latest Developments
Table 115. Rohm Semiconductor Basic Information, Gates and Inverters Manufacturing Base, Sales Area and Its Competitors
Table 116. Rohm Semiconductor Gates and Inverters Product Portfolios and Specifications
Table 117. Rohm Semiconductor Gates and Inverters Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)
Table 118. Rohm Semiconductor Main Business
Table 119. Rohm Semiconductor Latest Developments
Table 120. SparkFun Electronics Basic Information, Gates and Inverters Manufacturing Base, Sales Area and Its Competitors
Table 121. SparkFun Electronics Gates and Inverters Product Portfolios and Specifications
Table 122. SparkFun Electronics Gates and Inverters Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)
Table 123. SparkFun Electronics Main Business
Table 124. SparkFun Electronics Latest Developments
Table 125. STMicroelectronics Basic Information, Gates and Inverters Manufacturing Base, Sales Area and Its Competitors
Table 126. STMicroelectronics Gates and Inverters Product Portfolios and Specifications
Table 127. STMicroelectronics Gates and Inverters Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)
Table 128. STMicroelectronics Main Business
Table 129. STMicroelectronics Latest Developments
Table 130. Texas Instruments Basic Information, Gates and Inverters Manufacturing Base, Sales Area and Its Competitors
Table 131. Texas Instruments Gates and Inverters Product Portfolios and Specifications
Table 132. Texas Instruments Gates and Inverters Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 133. Texas Instruments Main Business

Table 134. Texas Instruments Latest Developments

Table 135. Torex Semiconductor Ltd Basic Information, Gates and Inverters
Manufacturing Base, Sales Area and Its Competitors

Table 136. Torex Semiconductor Ltd Gates and Inverters Product Portfolios and
Specifications

Table 137. Torex Semiconductor Ltd Gates and Inverters Sales (K Units), Revenue (\$
Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 138. Torex Semiconductor Ltd Main Business

Table 139. Torex Semiconductor Ltd Latest Developments

Table 140. Toshiba Semiconductor and Storage Basic Information, Gates and Inverters
Manufacturing Base, Sales Area and Its Competitors

Table 141. Toshiba Semiconductor and Storage Gates and Inverters Product Portfolios
and Specifications

Table 142. Toshiba Semiconductor and Storage Gates and Inverters Sales (K Units),
Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 143. Toshiba Semiconductor and Storage Main Business

Table 144. Toshiba Semiconductor and Storage Latest Developments

Table 145. UMW Basic Information, Gates and Inverters Manufacturing Base, Sales
Area and Its Competitors

Table 146. UMW Gates and Inverters Product Portfolios and Specifications

Table 147. UMW Gates and Inverters Sales (K Units), Revenue (\$ Million), Price
(US\$/Unit) and Gross Margin (2021-2026)

Table 148. UMW Main Business

Table 149. UMW Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Gates and Inverters
- Figure 2. Gates and Inverters Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Gates and Inverters Sales Growth Rate 2021-2032 (K Units)
- Figure 7. Global Gates and Inverters Revenue Growth Rate 2021-2032 (\$ millions)
- Figure 8. Gates and Inverters Sales by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Figure 9. Gates and Inverters Sales Market Share by Country/Region (2025)
- Figure 10. Gates and Inverters Sales Market Share by Country/Region (2021, 2025 & 2032)
- Figure 11. Product Picture of AND Gate
- Figure 12. Product Picture of NAND Gate
- Figure 13. Product Picture of Inverter
- Figure 14. Product Picture of OR Gate
- Figure 15. Product Picture of NOR Gate
- Figure 16. Global Gates and Inverters Sales Market Share by Type in 2026
- Figure 17. Global Gates and Inverters Revenue Market Share by Type (2021-2026)
- Figure 18. Gates and Inverters Consumed in Electronic
- Figure 19. Global Gates and Inverters Market: Electronic (2021-2026) & (K Units)
- Figure 20. Gates and Inverters Consumed in Communication
- Figure 21. Global Gates and Inverters Market: Communication (2021-2026) & (K Units)
- Figure 22. Gates and Inverters Consumed in The Industrial
- Figure 23. Global Gates and Inverters Market: The Industrial (2021-2026) & (K Units)
- Figure 24. Gates and Inverters Consumed in Other
- Figure 25. Global Gates and Inverters Market: Other (2021-2026) & (K Units)
- Figure 26. Global Gates and Inverters Sale Market Share by Application (2025)
- Figure 27. Global Gates and Inverters Revenue Market Share by Application in 2026
- Figure 28. Gates and Inverters Sales by Company in 2026 (K Units)
- Figure 29. Global Gates and Inverters Sales Market Share by Company in 2026
- Figure 30. Gates and Inverters Revenue by Company in 2026 (\$ millions)
- Figure 31. Global Gates and Inverters Revenue Market Share by Company in 2026
- Figure 32. Global Gates and Inverters Sales Market Share by Geographic Region (2021-2026)

Figure 33. Global Gates and Inverters Revenue Market Share by Geographic Region in 2026

Figure 34. Americas Gates and Inverters Sales 2021-2026 (K Units)

Figure 35. Americas Gates and Inverters Revenue 2021-2026 (\$ millions)

Figure 36. APAC Gates and Inverters Sales 2021-2026 (K Units)

Figure 37. APAC Gates and Inverters Revenue 2021-2026 (\$ millions)

Figure 38. Europe Gates and Inverters Sales 2021-2026 (K Units)

Figure 39. Europe Gates and Inverters Revenue 2021-2026 (\$ millions)

Figure 40. Middle East & Africa Gates and Inverters Sales 2021-2026 (K Units)

Figure 41. Middle East & Africa Gates and Inverters Revenue 2021-2026 (\$ millions)

Figure 42. Americas Gates and Inverters Sales Market Share by Country in 2026

Figure 43. Americas Gates and Inverters Revenue Market Share by Country (2021-2026)

Figure 44. Americas Gates and Inverters Sales Market Share by Type (2021-2026)

Figure 45. Americas Gates and Inverters Sales Market Share by Application (2021-2026)

Figure 46. United States Gates and Inverters Revenue Growth 2021-2026 (\$ millions)

Figure 47. Canada Gates and Inverters Revenue Growth 2021-2026 (\$ millions)

Figure 48. Mexico Gates and Inverters Revenue Growth 2021-2026 (\$ millions)

Figure 49. Brazil Gates and Inverters Revenue Growth 2021-2026 (\$ millions)

Figure 50. APAC Gates and Inverters Sales Market Share by Region in 2026

Figure 51. APAC Gates and Inverters Revenue Market Share by Region (2021-2026)

Figure 52. APAC Gates and Inverters Sales Market Share by Type (2021-2026)

Figure 53. APAC Gates and Inverters Sales Market Share by Application (2021-2026)

Figure 54. China Gates and Inverters Revenue Growth 2021-2026 (\$ millions)

Figure 55. Japan Gates and Inverters Revenue Growth 2021-2026 (\$ millions)

Figure 56. South Korea Gates and Inverters Revenue Growth 2021-2026 (\$ millions)

Figure 57. Southeast Asia Gates and Inverters Revenue Growth 2021-2026 (\$ millions)

Figure 58. India Gates and Inverters Revenue Growth 2021-2026 (\$ millions)

Figure 59. Australia Gates and Inverters Revenue Growth 2021-2026 (\$ millions)

Figure 60. China Taiwan Gates and Inverters Revenue Growth 2021-2026 (\$ millions)

Figure 61. Europe Gates and Inverters Sales Market Share by Country in 2026

Figure 62. Europe Gates and Inverters Revenue Market Share by Country (2021-2026)

Figure 63. Europe Gates and Inverters Sales Market Share by Type (2021-2026)

Figure 64. Europe Gates and Inverters Sales Market Share by Application (2021-2026)

Figure 65. Germany Gates and Inverters Revenue Growth 2021-2026 (\$ millions)

Figure 66. France Gates and Inverters Revenue Growth 2021-2026 (\$ millions)

Figure 67. UK Gates and Inverters Revenue Growth 2021-2026 (\$ millions)

Figure 68. Italy Gates and Inverters Revenue Growth 2021-2026 (\$ millions)

Figure 69. Russia Gates and Inverters Revenue Growth 2021-2026 (\$ millions)

Figure 70. Middle East & Africa Gates and Inverters Sales Market Share by Country (2021-2026)

Figure 71. Middle East & Africa Gates and Inverters Sales Market Share by Type (2021-2026)

Figure 72. Middle East & Africa Gates and Inverters Sales Market Share by Application (2021-2026)

Figure 73. Egypt Gates and Inverters Revenue Growth 2021-2026 (\$ millions)

Figure 74. South Africa Gates and Inverters Revenue Growth 2021-2026 (\$ millions)

Figure 75. Israel Gates and Inverters Revenue Growth 2021-2026 (\$ millions)

Figure 76. Turkey Gates and Inverters Revenue Growth 2021-2026 (\$ millions)

Figure 77. GCC Countries Gates and Inverters Revenue Growth 2021-2026 (\$ millions)

Figure 78. Manufacturing Cost Structure Analysis of Gates and Inverters in 2026

Figure 79. Manufacturing Process Analysis of Gates and Inverters

Figure 80. Industry Chain Structure of Gates and Inverters

Figure 81. Channels of Distribution

Figure 82. Global Gates and Inverters Sales Market Forecast by Region (2027-2032)

Figure 83. Global Gates and Inverters Revenue Market Share Forecast by Region (2027-2032)

Figure 84. Global Gates and Inverters Sales Market Share Forecast by Type (2027-2032)

Figure 85. Global Gates and Inverters Revenue Market Share Forecast by Type (2027-2032)

Figure 86. Global Gates and Inverters Sales Market Share Forecast by Application (2027-2032)

Figure 87. Global Gates and Inverters Revenue Market Share Forecast by Application (2027-2032)

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