

Global GaN Half-Bridge ICs Market Research Report 2026(Status and Outlook)

<https://marketpublishers.com/r/G8E3D1BCC6A9EN.html>

Date: March 2026

Pages: 142

Price: US\$ 2,980.00 (Single User License)

ID: G8E3D1BCC6A9EN

Abstracts

GaN (gallium nitride) half-bridge ICs are semiconductor devices used in power conversion and switching applications. They leverage the properties of gallium nitride (GaN) ? a material with superior efficiency, higher switching speeds, and lower resistance compared to traditional silicon-based components. GaN half-bridge ICs are particularly valuable in applications where high efficiency, compact size, and fast switching are needed, such as in power supplies, motor drives, and various types of electronic converters.

The global GaN Half-Bridge ICs market size was estimated at USD 167.0 million in 2025 and is projected to grow at a compound annual growth rate (CAGR) of 7.40% during the forecast period.

This report offers a comprehensive and in-depth analysis of the global GaN Half-Bridge ICs market, covering all critical facets from a broad macroeconomic overview to detailed micro-level insights. It examines market size, competitive landscape, emerging development trends, niche segments, key drivers and challenges, as well as conducts SWOT and value chain analyses.

The insights provided enable readers to understand the competitive dynamics within the industry and formulate effective strategies to enhance profitability and market positioning. Additionally, the report presents a clear framework for evaluating the current status and future outlook of business organizations operating in this sector.

A significant focus of this report lies in the competitive landscape of the global GaN Half-Bridge ICs market. It offers detailed profiles of major players, including their market shares, performance metrics, product portfolios, and operational status. This enables

stakeholders to identify leading competitors and gain a nuanced understanding of market rivalry and structure.

In summary, this report serves as an essential resource for industry participants, investors, researchers, consultants, and business strategists, as well as anyone planning to enter or expand their presence in the GaN Half-Bridge ICs market.

Global GaN Half-Bridge ICs Market: Market Segmentation Analysis

This research report provides a detailed segmentation of the market by region (country), key manufacturers, product type, and application. Market segmentation divides the overall market into distinct subsets based on factors such as product categories, end-user industries, geographic locations, and other relevant criteria.

A clear understanding of these market segments enables decision-makers to tailor their product development, sales, and marketing strategies more effectively to meet the unique needs of each segment. Leveraging market segmentation insights can significantly enhance targeted approaches, optimize resource allocation, and accelerate product innovation cycles by aligning offerings with the specific demands of diverse customer groups.

Key Company

Infineon Technologies
STMicroelectronics
Texas Instruments
Transphorm
ON Semiconductor
ROHM
Danxitech
GaNpower Semiconductor
Innoscence
Navitas Semiconductor
Novosns
Tagore

Market Segmentation (by Type)

Discrete Type

Multi-Chip Package Type

Market Segmentation (by Application)

Consumer Electronics

Solar Energy

Data Centers

Electric Vehicles

Others

Geographic Segmentation

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study

Neutral perspective on the market performance

Recent industry trends and developments

Competitive landscape & strategies of key players

Potential & niche segments and regions exhibiting promising growth covered

Historical, current, and projected market size, in terms of value

In-depth analysis of the GaN Half-Bridge ICs Market

Overview of the regional outlook of the GaN Half-Bridge ICs Market:

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the GaN Half-Bridge ICs Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 shares the main producing countries of GaN Half-Bridge ICs, their output value, profit level, regional supply, production capacity layout, etc. from the supply side.

Chapter 10 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 11 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 12 provides a quantitative analysis of the market size and development potential of each market segment in the next five years.

Chapter 13 is the main points and conclusions of the report.

Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Contents

1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE

- 1.1 Market Definition and Statistical Scope of GaN Half-Bridge ICs
- 1.2 Key Market Segments
 - 1.2.1 GaN Half-Bridge ICs Segment by Type
 - 1.2.2 GaN Half-Bridge ICs Segment by Application
- 1.3 Methodology & Sources of Information
 - 1.3.1 Research Methodology
 - 1.3.2 Research Process
 - 1.3.3 Market Breakdown and Data Triangulation
 - 1.3.4 Base Year
 - 1.3.5 Report Assumptions & Caveats

2 GAN HALF-BRIDGE ICS MARKET OVERVIEW

- 2.1 Global Market Overview
 - 2.1.1 Global GaN Half-Bridge ICs Market Size (M USD) Estimates and Forecasts (2020-2035)
 - 2.1.2 Global GaN Half-Bridge ICs Sales Estimates and Forecasts (2020-2035)
- 2.2 Market Segment Executive Summary
- 2.3 Global Market Size by Region

3 GAN HALF-BRIDGE ICS MARKET COMPETITIVE LANDSCAPE

- 3.1 Company Assessment Quadrant
- 3.2 Global GaN Half-Bridge ICs Product Life Cycle
- 3.3 Global GaN Half-Bridge ICs Sales by Manufacturers (2020-2025)
- 3.4 Global GaN Half-Bridge ICs Revenue Market Share by Manufacturers (2020-2025)
- 3.5 GaN Half-Bridge ICs Market Share by Company Type (Tier 1, Tier 2, and Tier 3)
- 3.6 Global GaN Half-Bridge ICs Average Price by Manufacturers (2020-2025)
- 3.7 Manufacturers? Manufacturing Sites, Areas Served, and Product Types
- 3.8 GaN Half-Bridge ICs Market Competitive Situation and Trends
 - 3.8.1 GaN Half-Bridge ICs Market Concentration Rate
 - 3.8.2 Global 5 and 10 Largest GaN Half-Bridge ICs Players Market Share by Revenue
 - 3.8.3 Mergers & Acquisitions, Expansion

4 GAN HALF-BRIDGE ICS INDUSTRY CHAIN ANALYSIS

- 4.1 GaN Half-Bridge ICs Industry Chain Analysis
- 4.2 Market Overview of Key Raw Materials
- 4.3 Midstream Market Analysis
- 4.4 Downstream Customer Analysis

5 THE DEVELOPMENT AND DYNAMICS OF GAN HALF-BRIDGE ICS MARKET

- 5.1 Key Development Trends
- 5.2 Driving Factors
- 5.3 Market Challenges
- 5.4 Industry News
 - 5.4.1 New Product Developments
 - 5.4.2 Mergers & Acquisitions
 - 5.4.3 Expansions
 - 5.4.4 Collaboration/Supply Contracts
- 5.5 PEST Analysis
 - 5.5.1 Industry Policies Analysis
 - 5.5.2 Economic Environment Analysis
 - 5.5.3 Social Environment Analysis
 - 5.5.4 Technological Environment Analysis
- 5.6 Global GaN Half-Bridge ICs Market Porter's Five Forces Analysis
 - 5.6.1 Global Trade Frictions
 - 5.6.2 U.S. Tariff Policy ? April 2025
 - 5.6.3 Global Trade Frictions and Their Impacts to GaN Half-Bridge ICs Market
- 5.7 ESG Ratings of Leading Companies

6 GAN HALF-BRIDGE ICS MARKET SEGMENTATION BY TYPE

- 6.1 Evaluation Matrix of Segment Market Development Potential (Type)
- 6.2 Global GaN Half-Bridge ICs Sales Market Share by Type (2020-2025)
- 6.3 Global GaN Half-Bridge ICs Market Size by Type (2020-2025)
- 6.4 Global GaN Half-Bridge ICs Price by Type (2020-2025)

7 GAN HALF-BRIDGE ICS MARKET SEGMENTATION BY APPLICATION

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
- 7.2 Global GaN Half-Bridge ICs Market Sales by Application (2020-2025)
- 7.3 Global GaN Half-Bridge ICs Market Size (M USD) by Application (2020-2025)

7.4 Global GaN Half-Bridge ICs Sales Growth Rate by Application (2020-2025)

8 GAN HALF-BRIDGE ICS MARKET SALES BY REGION

8.1 Global GaN Half-Bridge ICs Sales by Region

8.1.1 Global GaN Half-Bridge ICs Sales by Region

8.1.2 Global GaN Half-Bridge ICs Sales Market Share by Region

8.2 Global GaN Half-Bridge ICs Market Size by Region

8.2.1 Global GaN Half-Bridge ICs Market Size by Region

8.2.2 Global GaN Half-Bridge ICs Market Size by Region

8.3 North America

8.3.1 North America GaN Half-Bridge ICs Sales by Country

8.3.2 North America GaN Half-Bridge ICs Market Size by Country

8.3.3 U.S. Market Overview

8.3.4 Canada Market Overview

8.3.5 Mexico Market Overview

8.4 Europe

8.4.1 Europe GaN Half-Bridge ICs Sales by Country

8.4.2 Europe GaN Half-Bridge ICs Market Size by Country

8.4.3 Germany Market Overview

8.4.4 France Market Overview

8.4.5 U.K. Market Overview

8.4.6 Italy Market Overview

8.4.7 Spain Market Overview

8.5 Asia Pacific

8.5.1 Asia Pacific GaN Half-Bridge ICs Sales by Region

8.5.2 Asia Pacific GaN Half-Bridge ICs Market Size by Region

8.5.3 China Market Overview

8.5.4 Japan Market Overview

8.5.5 South Korea Market Overview

8.5.6 India Market Overview

8.5.7 Southeast Asia Market Overview

8.6 South America

8.6.1 South America GaN Half-Bridge ICs Sales by Country

8.6.2 South America GaN Half-Bridge ICs Market Size by Country

8.6.3 Brazil Market Overview

8.6.4 Argentina Market Overview

8.6.5 Columbia Market Overview

8.7 Middle East and Africa

- 8.7.1 Middle East and Africa GaN Half-Bridge ICs Sales by Region
- 8.7.2 Middle East and Africa GaN Half-Bridge ICs Market Size by Region
- 8.7.3 Saudi Arabia Market Overview
- 8.7.4 UAE Market Overview
- 8.7.5 Egypt Market Overview
- 8.7.6 Nigeria Market Overview
- 8.7.7 South Africa Market Overview

9 GAN HALF-BRIDGE ICS MARKET PRODUCTION BY REGION

- 9.1 Global Production of GaN Half-Bridge ICs by Region(2020-2025)
- 9.2 Global GaN Half-Bridge ICs Revenue Market Share by Region (2020-2025)
- 9.3 Global GaN Half-Bridge ICs Production, Revenue, Price and Gross Margin (2020-2025)
- 9.4 North America GaN Half-Bridge ICs Production
 - 9.4.1 North America GaN Half-Bridge ICs Production Growth Rate (2020-2025)
 - 9.4.2 North America GaN Half-Bridge ICs Production, Revenue, Price and Gross Margin (2020-2025)
- 9.5 Europe GaN Half-Bridge ICs Production
 - 9.5.1 Europe GaN Half-Bridge ICs Production Growth Rate (2020-2025)
 - 9.5.2 Europe GaN Half-Bridge ICs Production, Revenue, Price and Gross Margin (2020-2025)
- 9.6 Japan GaN Half-Bridge ICs Production (2020-2025)
 - 9.6.1 Japan GaN Half-Bridge ICs Production Growth Rate (2020-2025)
 - 9.6.2 Japan GaN Half-Bridge ICs Production, Revenue, Price and Gross Margin (2020-2025)
- 9.7 China GaN Half-Bridge ICs Production (2020-2025)
 - 9.7.1 China GaN Half-Bridge ICs Production Growth Rate (2020-2025)
 - 9.7.2 China GaN Half-Bridge ICs Production, Revenue, Price and Gross Margin (2020-2025)

10 KEY COMPANIES PROFILE

- 10.1 Infineon Technologies
 - 10.1.1 Infineon Technologies Basic Information
 - 10.1.2 Infineon Technologies GaN Half-Bridge ICs Product Overview
 - 10.1.3 Infineon Technologies GaN Half-Bridge ICs Product Market Performance
 - 10.1.4 Infineon Technologies Business Overview
 - 10.1.5 Infineon Technologies SWOT Analysis

- 10.1.6 Infineon Technologies Recent Developments
- 10.2 STMicroelectronics
 - 10.2.1 STMicroelectronics Basic Information
 - 10.2.2 STMicroelectronics GaN Half-Bridge ICs Product Overview
 - 10.2.3 STMicroelectronics GaN Half-Bridge ICs Product Market Performance
 - 10.2.4 STMicroelectronics Business Overview
 - 10.2.5 STMicroelectronics SWOT Analysis
 - 10.2.6 STMicroelectronics Recent Developments
- 10.3 Texas Instruments
 - 10.3.1 Texas Instruments Basic Information
 - 10.3.2 Texas Instruments GaN Half-Bridge ICs Product Overview
 - 10.3.3 Texas Instruments GaN Half-Bridge ICs Product Market Performance
 - 10.3.4 Texas Instruments Business Overview
 - 10.3.5 Texas Instruments SWOT Analysis
 - 10.3.6 Texas Instruments Recent Developments
- 10.4 Transphorm
 - 10.4.1 Transphorm Basic Information
 - 10.4.2 Transphorm GaN Half-Bridge ICs Product Overview
 - 10.4.3 Transphorm GaN Half-Bridge ICs Product Market Performance
 - 10.4.4 Transphorm Business Overview
 - 10.4.5 Transphorm Recent Developments
- 10.5 ON Semiconductor
 - 10.5.1 ON Semiconductor Basic Information
 - 10.5.2 ON Semiconductor GaN Half-Bridge ICs Product Overview
 - 10.5.3 ON Semiconductor GaN Half-Bridge ICs Product Market Performance
 - 10.5.4 ON Semiconductor Business Overview
 - 10.5.5 ON Semiconductor Recent Developments
- 10.6 ROHM
 - 10.6.1 ROHM Basic Information
 - 10.6.2 ROHM GaN Half-Bridge ICs Product Overview
 - 10.6.3 ROHM GaN Half-Bridge ICs Product Market Performance
 - 10.6.4 ROHM Business Overview
 - 10.6.5 ROHM Recent Developments
- 10.7 Danxitech
 - 10.7.1 Danxitech Basic Information
 - 10.7.2 Danxitech GaN Half-Bridge ICs Product Overview
 - 10.7.3 Danxitech GaN Half-Bridge ICs Product Market Performance
 - 10.7.4 Danxitech Business Overview
 - 10.7.5 Danxitech Recent Developments

10.8 GaNpower Semiconductor

10.8.1 GaNpower Semiconductor Basic Information

10.8.2 GaNpower Semiconductor GaN Half-Bridge ICs Product Overview

10.8.3 GaNpower Semiconductor GaN Half-Bridge ICs Product Market Performance

10.8.4 GaNpower Semiconductor Business Overview

10.8.5 GaNpower Semiconductor Recent Developments

10.9 Innoscience

10.9.1 Innoscience Basic Information

10.9.2 Innoscience GaN Half-Bridge ICs Product Overview

10.9.3 Innoscience GaN Half-Bridge ICs Product Market Performance

10.9.4 Innoscience Business Overview

10.9.5 Innoscience Recent Developments

10.10 Navitas Semiconductor

10.10.1 Navitas Semiconductor Basic Information

10.10.2 Navitas Semiconductor GaN Half-Bridge ICs Product Overview

10.10.3 Navitas Semiconductor GaN Half-Bridge ICs Product Market Performance

10.10.4 Navitas Semiconductor Business Overview

10.10.5 Navitas Semiconductor Recent Developments

10.11 Novosns

10.11.1 Novosns Basic Information

10.11.2 Novosns GaN Half-Bridge ICs Product Overview

10.11.3 Novosns GaN Half-Bridge ICs Product Market Performance

10.11.4 Novosns Business Overview

10.11.5 Novosns Recent Developments

10.12 Tagore

10.12.1 Tagore Basic Information

10.12.2 Tagore GaN Half-Bridge ICs Product Overview

10.12.3 Tagore GaN Half-Bridge ICs Product Market Performance

10.12.4 Tagore Business Overview

10.12.5 Tagore Recent Developments

11 GAN HALF-BRIDGE ICS MARKET FORECAST BY REGION

11.1 Global GaN Half-Bridge ICs Market Size Forecast

11.2 Global GaN Half-Bridge ICs Market Forecast by Region

11.2.1 North America Market Size Forecast by Country

11.2.2 Europe GaN Half-Bridge ICs Market Size Forecast by Country

11.2.3 Asia Pacific GaN Half-Bridge ICs Market Size Forecast by Region

11.2.4 South America GaN Half-Bridge ICs Market Size Forecast by Country

11.2.5 Middle East and Africa Forecasted Sales of GaN Half-Bridge ICs by Country

12 FORECAST MARKET BY TYPE AND BY APPLICATION (2026-2035)

12.1 Global GaN Half-Bridge ICs Market Forecast by Type (2026-2035)

12.1.1 Global Forecasted Sales of GaN Half-Bridge ICs by Type (2026-2035)

12.1.2 Global GaN Half-Bridge ICs Market Size Forecast by Type (2026-2035)

12.1.3 Global Forecasted Price of GaN Half-Bridge ICs by Type (2026-2035)

12.2 Global GaN Half-Bridge ICs Market Forecast by Application (2026-2035)

12.2.1 Global GaN Half-Bridge ICs Sales (K Units) Forecast by Application

12.2.2 Global GaN Half-Bridge ICs Market Size (M USD) Forecast by Application (2026-2035)

13 CONCLUSION AND KEY FINDINGS

List Of Tables

LIST OF TABLES

- Table 1. Introduction of the Type
- Table 2. Introduction of the Application
- Table 3. Global GaN Half-Bridge ICs Market Size by Type (M USD)
- Table 4. Global GaN Half-Bridge ICs Market Size by Application
- Table 5. GaN Half-Bridge ICs Market Size Comparison by Region (M USD)
- Table 6. Global GaN Half-Bridge ICs Sales (K Units) by Manufacturers (2020-2025)
- Table 7. Global GaN Half-Bridge ICs Sales Market Share by Manufacturers (2020-2025)
- Table 8. Global GaN Half-Bridge ICs Revenue (M USD) by Manufacturers (2020-2025)
- Table 9. Global GaN Half-Bridge ICs Revenue Share by Manufacturers (2020-2025)
- Table 10. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in GaN Half-Bridge ICs as of 2025)
- Table 11. Global Market GaN Half-Bridge ICs Average Price (USD/Unit) of Key Manufacturers (2020-2025)
- Table 12. Manufacturers? Manufacturing Sites, Areas Served
- Table 13. Manufacturers? Product Type
- Table 14. Global GaN Half-Bridge ICs Manufacturers Market Concentration Ratio (CR5 and HHI)
- Table 15. Mergers & Acquisitions, Expansion Plans
- Table 16. Market Overview of Key Raw Materials
- Table 17. Midstream Market Analysis
- Table 18. Downstream Customer Analysis
- Table 19. Key Development Trends
- Table 20. Driving Factors
- Table 21. GaN Half-Bridge ICs Market Challenges
- Table 22. Goldman Sachs' forecast real GDP growth rate for 2025-2026
- Table 23. S&P Global ' Forecast Real GDP Growth Rate For 2025-2027
- Table 24. World Bank ' Forecast Real GDP Growth Rate For 2025-2026
- Table 25. The Tariff Rates Imposed by the United States on Major Commodity Trading Countries
- Table 26. Global GaN Half-Bridge ICs Sales by Type (K Units)
- Table 27. Global GaN Half-Bridge ICs Market Size by Type (M USD)
- Table 28. Global GaN Half-Bridge ICs Sales (K Units) by Type (2020-2025)
- Table 29. Global GaN Half-Bridge ICs Sales Market Share by Type (2020-2025)
- Table 30. Global GaN Half-Bridge ICs Market Size (M USD) by Type (2020-2025)
- Table 31. Global GaN Half-Bridge ICs Market Share by Type (2020-2025)

- Table 32. Global GaN Half-Bridge ICs Price (USD/Unit) by Type (2020-2025)
- Table 33. Global GaN Half-Bridge ICs Sales (K Units) by Application
- Table 34. Global GaN Half-Bridge ICs Market Size by Application
- Table 35. Global GaN Half-Bridge ICs Sales by Application (2020-2025) & (K Units)
- Table 36. Global GaN Half-Bridge ICs Sales Market Share by Application (2020-2025)
- Table 37. Global GaN Half-Bridge ICs Market Size by Application (2020-2025) & (M USD)
- Table 38. Global GaN Half-Bridge ICs Market Share by Application (2020-2025)
- Table 39. Global GaN Half-Bridge ICs Sales Growth Rate by Application (2020-2025)
- Table 40. Global GaN Half-Bridge ICs Sales by Region (2020-2025) & (K Units)
- Table 41. Global GaN Half-Bridge ICs Sales Market Share by Region (2020-2025)
- Table 42. Global GaN Half-Bridge ICs Market Size by Region (2020-2025) & (M USD)
- Table 43. Global GaN Half-Bridge ICs Market Size by Region (2020-2025)
- Table 44. North America GaN Half-Bridge ICs Sales by Country (2020-2025) & (K Units)
- Table 45. North America GaN Half-Bridge ICs Market Size by Country (2020-2025) & (M USD)
- Table 46. Europe GaN Half-Bridge ICs Sales by Country (2020-2025) & (K Units)
- Table 47. Europe GaN Half-Bridge ICs Market Size by Country (2020-2025) & (M USD)
- Table 48. Asia Pacific GaN Half-Bridge ICs Sales by Region (2020-2025) & (K Units)
- Table 49. Asia Pacific GaN Half-Bridge ICs Market Size by Region (2020-2025) & (M USD)
- Table 50. South America GaN Half-Bridge ICs Sales by Country (2020-2025) & (K Units)
- Table 51. South America GaN Half-Bridge ICs Market Size by Country (2020-2025) & (M USD)
- Table 52. Middle East and Africa GaN Half-Bridge ICs Sales by Region (2020-2025) & (K Units)
- Table 53. Middle East and Africa GaN Half-Bridge ICs Market Size by Region (2020-2025) & (M USD)
- Table 54. Global GaN Half-Bridge ICs Production (K Units) by Region(2020-2025)
- Table 55. Global GaN Half-Bridge ICs Revenue (US\$ Million) by Region (2020-2025)
- Table 56. Global GaN Half-Bridge ICs Revenue Market Share by Region (2020-2025)
- Table 57. Global GaN Half-Bridge ICs Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 58. North America GaN Half-Bridge ICs Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 59. Europe GaN Half-Bridge ICs Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 60. Japan GaN Half-Bridge ICs Production (K Units), Revenue (US\$ Million),

Price (USD/Unit) and Gross Margin (2020-2025)

Table 61. China GaN Half-Bridge ICs Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 62. Infineon Technologies Basic Information

Table 63. Infineon Technologies GaN Half-Bridge ICs Product Overview

Table 64. Infineon Technologies GaN Half-Bridge ICs Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 65. Infineon Technologies Business Overview

Table 66. Infineon Technologies SWOT Analysis

Table 67. Infineon Technologies Recent Developments

Table 68. STMicroelectronics Basic Information

Table 69. STMicroelectronics GaN Half-Bridge ICs Product Overview

Table 70. STMicroelectronics GaN Half-Bridge ICs Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 71. STMicroelectronics Business Overview

Table 72. STMicroelectronics SWOT Analysis

Table 73. STMicroelectronics Recent Developments

Table 74. Texas Instruments Basic Information

Table 75. Texas Instruments GaN Half-Bridge ICs Product Overview

Table 76. Texas Instruments GaN Half-Bridge ICs Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 77. Texas Instruments Business Overview

Table 78. Texas Instruments SWOT Analysis

Table 79. Texas Instruments Recent Developments

Table 80. Transphorm Basic Information

Table 81. Transphorm GaN Half-Bridge ICs Product Overview

Table 82. Transphorm GaN Half-Bridge ICs Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 83. Transphorm Business Overview

Table 84. Transphorm Recent Developments

Table 85. ON Semiconductor Basic Information

Table 86. ON Semiconductor GaN Half-Bridge ICs Product Overview

Table 87. ON Semiconductor GaN Half-Bridge ICs Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 88. ON Semiconductor Business Overview

Table 89. ON Semiconductor Recent Developments

Table 90. ROHM Basic Information

Table 91. ROHM GaN Half-Bridge ICs Product Overview

Table 92. ROHM GaN Half-Bridge ICs Sales (K Units), Revenue (M USD), Price

(USD/Unit) and Gross Margin (2020-2025)

Table 93. ROHM Business Overview

Table 94. ROHM Recent Developments

Table 95. Danxitech Basic Information

Table 96. Danxitech GaN Half-Bridge ICs Product Overview

Table 97. Danxitech GaN Half-Bridge ICs Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 98. Danxitech Business Overview

Table 99. Danxitech Recent Developments

Table 100. GaNpower Semiconductor Basic Information

Table 101. GaNpower Semiconductor GaN Half-Bridge ICs Product Overview

Table 102. GaNpower Semiconductor GaN Half-Bridge ICs Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 103. GaNpower Semiconductor Business Overview

Table 104. GaNpower Semiconductor Recent Developments

Table 105. Innoscience Basic Information

Table 106. Innoscience GaN Half-Bridge ICs Product Overview

Table 107. Innoscience GaN Half-Bridge ICs Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 108. Innoscience Business Overview

Table 109. Innoscience Recent Developments

Table 110. Navitas Semiconductor Basic Information

Table 111. Navitas Semiconductor GaN Half-Bridge ICs Product Overview

Table 112. Navitas Semiconductor GaN Half-Bridge ICs Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 113. Navitas Semiconductor Business Overview

Table 114. Navitas Semiconductor Recent Developments

Table 115. Novosns Basic Information

Table 116. Novosns GaN Half-Bridge ICs Product Overview

Table 117. Novosns GaN Half-Bridge ICs Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 118. Novosns Business Overview

Table 119. Novosns Recent Developments

Table 120. Tagore Basic Information

Table 121. Tagore GaN Half-Bridge ICs Product Overview

Table 122. Tagore GaN Half-Bridge ICs Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 123. Tagore Business Overview

Table 124. Tagore Recent Developments

Table 125. Global GaN Half-Bridge ICs Sales Forecast by Region (2026-2035) & (K Units)

Table 126. Global GaN Half-Bridge ICs Market Size Forecast by Region (2026-2035) & (M USD)

Table 127. North America GaN Half-Bridge ICs Sales Forecast by Country (2026-2035) & (K Units)

Table 128. North America GaN Half-Bridge ICs Market Size Forecast by Country (2026-2035) & (M USD)

Table 129. Europe GaN Half-Bridge ICs Sales Forecast by Country (2026-2035) & (K Units)

Table 130. Europe GaN Half-Bridge ICs Market Size Forecast by Country (2026-2035) & (M USD)

Table 131. Asia Pacific GaN Half-Bridge ICs Sales Forecast by Region (2026-2035) & (K Units)

Table 132. Asia Pacific GaN Half-Bridge ICs Market Size Forecast by Region (2026-2035) & (M USD)

Table 133. South America GaN Half-Bridge ICs Sales Forecast by Country (2026-2035) & (K Units)

Table 134. South America GaN Half-Bridge ICs Market Size Forecast by Country (2026-2035) & (M USD)

Table 135. Middle East and Africa GaN Half-Bridge ICs Sales Forecast by Country (2026-2035) & (Units)

Table 136. Middle East and Africa GaN Half-Bridge ICs Market Size Forecast by Country (2026-2035) & (M USD)

Table 137. Global GaN Half-Bridge ICs Sales Forecast by Type (2026-2035) & (K Units)

Table 138. Global GaN Half-Bridge ICs Market Size Forecast by Type (2026-2035) & (M USD)

Table 139. Global GaN Half-Bridge ICs Price Forecast by Type (2026-2035) & (USD/Unit)

Table 140. Global GaN Half-Bridge ICs Sales (K Units) Forecast by Application (2026-2035)

Table 141. Global GaN Half-Bridge ICs Market Size Forecast by Application (2026-2035) & (M USD)

List Of Figures

LIST OF FIGURES

- Figure 1. Product Picture of GaN Half-Bridge ICs
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global GaN Half-Bridge ICs Market Size (M USD), 2025-2035
- Figure 5. Global GaN Half-Bridge ICs Market Size (M USD) (2020-2035)
- Figure 6. Global GaN Half-Bridge ICs Sales (K Units) & (2020-2035)
- Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 9. Evaluation Matrix of Regional Market Development Potential
- Figure 10. GaN Half-Bridge ICs Market Size by Country (M USD)
- Figure 11. Company Assessment Quadrant
- Figure 12. Global GaN Half-Bridge ICs Product Life Cycle
- Figure 13. GaN Half-Bridge ICs Sales Share by Manufacturers in 2025
- Figure 14. Global GaN Half-Bridge ICs Revenue Share by Manufacturers in 2025
- Figure 15. GaN Half-Bridge ICs Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2025
- Figure 16. Global Market GaN Half-Bridge ICs Average Price (USD/Unit) of Key Manufacturers in 2025
- Figure 17. The Global 5 and 10 Largest Players: Market Share by GaN Half-Bridge ICs Revenue in 2025
- Figure 18. Industry Chain Map of GaN Half-Bridge ICs
- Figure 19. Global GaN Half-Bridge ICs Market PEST Analysis
- Figure 20. Global GaN Half-Bridge ICs Market Porter's Five Forces Analysis
- Figure 21. Global Merchandise Trade as a Percentage Of GDP
- Figure 22. US - Imports of Goods by Country
- Figure 23. China Exports by Country
- Figure 24. ESG Rating Distribution of The Leading Company Compared With Its Peers
- Figure 25. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 26. Global GaN Half-Bridge ICs Market Share by Type
- Figure 27. Sales Market Share of GaN Half-Bridge ICs by Type (2020-2025)
- Figure 28. Sales Market Share of GaN Half-Bridge ICs by Type in 2025
- Figure 29. Market Share of GaN Half-Bridge ICs by Type (2020-2025)
- Figure 30. Market Share of GaN Half-Bridge ICs by Type in 2025
- Figure 31. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 32. Global GaN Half-Bridge ICs Market Share by Application

- Figure 33. Global GaN Half-Bridge ICs Sales Market Share by Application (2020-2025)
- Figure 34. Global GaN Half-Bridge ICs Sales Market Share by Application in 2025
- Figure 35. Global GaN Half-Bridge ICs Market Share by Application (2020-2025)
- Figure 36. Global GaN Half-Bridge ICs Market Share by Application in 2025
- Figure 37. Global GaN Half-Bridge ICs Sales Growth Rate by Application (2020-2025)
- Figure 38. Global GaN Half-Bridge ICs Sales Market Share by Region (2020-2025)
- Figure 39. Global GaN Half-Bridge ICs Market Size by Region (2020-2025)
- Figure 40. North America GaN Half-Bridge ICs Sales and Growth Rate (2020-2025) & (K Units)
- Figure 41. North America GaN Half-Bridge ICs Sales and Growth Rate (2020-2025) & (K Units)
- Figure 42. North America GaN Half-Bridge ICs Sales Market Share by Country in 2024
- Figure 43. North America GaN Half-Bridge ICs Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 44. North America GaN Half-Bridge ICs Market Size by Country in 2024
- Figure 45. U.S. GaN Half-Bridge ICs Sales and Growth Rate (2020-2025) & (K Units)
- Figure 46. U.S. GaN Half-Bridge ICs Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 47. Canada GaN Half-Bridge ICs Sales (K Units) and Growth Rate (2020-2025)
- Figure 48. Canada GaN Half-Bridge ICs Market Size (M USD) and Growth Rate (2020-2025)
- Figure 49. Mexico GaN Half-Bridge ICs Sales (Units) and Growth Rate (2020-2025)
- Figure 50. Mexico GaN Half-Bridge ICs Market Size (Units) and Growth Rate (2020-2025)
- Figure 51. Europe GaN Half-Bridge ICs Sales and Growth Rate (2020-2025) & (K Units)
- Figure 52. Europe GaN Half-Bridge ICs Sales Market Share by Country in 2024
- Figure 53. Europe GaN Half-Bridge ICs Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 54. Europe GaN Half-Bridge ICs Market Size by Country in 2024
- Figure 55. Germany GaN Half-Bridge ICs Sales and Growth Rate (2020-2025) & (K Units)
- Figure 56. Germany GaN Half-Bridge ICs Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 57. France GaN Half-Bridge ICs Sales and Growth Rate (2020-2025) & (K Units)
- Figure 58. France GaN Half-Bridge ICs Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 59. U.K. GaN Half-Bridge ICs Sales and Growth Rate (2020-2025) & (K Units)
- Figure 60. U.K. GaN Half-Bridge ICs Market Size and Growth Rate (2020-2025) & (M USD)

Figure 61. Italy GaN Half-Bridge ICs Sales and Growth Rate (2020-2025) & (K Units)

Figure 62. Italy GaN Half-Bridge ICs Market Size and Growth Rate (2020-2025) & (M USD)

Figure 63. Spain GaN Half-Bridge ICs Sales and Growth Rate (2020-2025) & (K Units)

Figure 64. Spain GaN Half-Bridge ICs Market Size and Growth Rate (2020-2025) & (M USD)

Figure 65. Asia Pacific GaN Half-Bridge ICs Sales and Growth Rate (K Units)

Figure 66. Asia Pacific GaN Half-Bridge ICs Sales Market Share by Region in 2024

Figure 67. Asia Pacific GaN Half-Bridge ICs Market Size by Region in 2024

Figure 68. China GaN Half-Bridge ICs Sales and Growth Rate (2020-2025) & (K Units)

Figure 69. China GaN Half-Bridge ICs Market Size and Growth Rate (2020-2025) & (M USD)

Figure 70. Japan GaN Half-Bridge ICs Sales and Growth Rate (2020-2025) & (K Units)

Figure 71. Japan GaN Half-Bridge ICs Market Size and Growth Rate (2020-2025) & (M USD)

Figure 72. South Korea GaN Half-Bridge ICs Sales and Growth Rate (2020-2025) & (K Units)

Figure 73. South Korea GaN Half-Bridge ICs Market Size and Growth Rate (2020-2025) & (M USD)

Figure 74. India GaN Half-Bridge ICs Sales and Growth Rate (2020-2025) & (K Units)

Figure 75. India GaN Half-Bridge ICs Market Size and Growth Rate (2020-2025) & (M USD)

Figure 76. Southeast Asia GaN Half-Bridge ICs Sales and Growth Rate (2020-2025) & (K Units)

Figure 77. Southeast Asia GaN Half-Bridge ICs Market Size and Growth Rate (2020-2025) & (M USD)

Figure 78. South America GaN Half-Bridge ICs Sales and Growth Rate (K Units)

Figure 79. South America GaN Half-Bridge ICs Sales Market Share by Country in 2024

Figure 80. South America GaN Half-Bridge ICs Market Size and Growth Rate (M USD)

Figure 81. South America GaN Half-Bridge ICs Market Size by Country in 2024

Figure 82. Brazil GaN Half-Bridge ICs Sales and Growth Rate (2020-2025) & (K Units)

Figure 83. Brazil GaN Half-Bridge ICs Market Size and Growth Rate (2020-2025) & (M USD)

Figure 84. Argentina GaN Half-Bridge ICs Sales and Growth Rate (2020-2025) & (K Units)

Figure 85. Argentina GaN Half-Bridge ICs Market Size and Growth Rate (2020-2025) & (M USD)

Figure 86. Columbia GaN Half-Bridge ICs Sales and Growth Rate (2020-2025) & (K Units)

- Figure 87. Columbia GaN Half-Bridge ICs Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 88. Middle East and Africa GaN Half-Bridge ICs Sales and Growth Rate (K Units)
- Figure 89. Middle East and Africa GaN Half-Bridge ICs Sales Market Share by Region in 2024
- Figure 90. Middle East and Africa GaN Half-Bridge ICs Market Size and Growth Rate (M USD)
- Figure 91. Middle East and Africa GaN Half-Bridge ICs Market Size by Region in 2024
- Figure 92. Saudi Arabia GaN Half-Bridge ICs Sales and Growth Rate (2020-2025) & (K Units)
- Figure 93. Saudi Arabia GaN Half-Bridge ICs Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 94. UAE GaN Half-Bridge ICs Sales and Growth Rate (2020-2025) & (K Units)
- Figure 95. UAE GaN Half-Bridge ICs Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 96. Egypt GaN Half-Bridge ICs Sales and Growth Rate (2020-2025) & (K Units)
- Figure 97. Egypt GaN Half-Bridge ICs Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 98. Nigeria GaN Half-Bridge ICs Sales and Growth Rate (2020-2025) & (K Units)
- Figure 99. Nigeria GaN Half-Bridge ICs Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 100. South Africa GaN Half-Bridge ICs Sales and Growth Rate (2020-2025) & (K Units)
- Figure 101. South Africa GaN Half-Bridge ICs Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 102. Global GaN Half-Bridge ICs Production Market Share by Region (2020-2025)
- Figure 103. North America GaN Half-Bridge ICs Production (K Units) Growth Rate (2020-2025)
- Figure 104. Europe GaN Half-Bridge ICs Production (K Units) Growth Rate (2020-2025)
- Figure 105. Japan GaN Half-Bridge ICs Production (K Units) Growth Rate (2020-2025)
- Figure 106. China GaN Half-Bridge ICs Production (K Units) Growth Rate (2020-2025)
- Figure 107. Global GaN Half-Bridge ICs Sales Forecast by Volume (2020-2035) & (K Units)
- Figure 108. Global GaN Half-Bridge ICs Market Size Forecast by Value (2020-2035) & (M USD)
- Figure 109. Global GaN Half-Bridge ICs Sales Market Share Forecast by Type (2026-2035)
- Figure 110. Global GaN Half-Bridge ICs Market Share Forecast by Type (2026-2035)

Figure 111. Global GaN Half-Bridge ICs Sales Forecast by Application (2026-2035)

Figure 112. Global GaN Half-Bridge ICs Market Share Forecast by Application (2026-2035)

I would like to order

Product name: Global GaN Half-Bridge ICs Market Research Report 2026(Status and Outlook)

Product link: <https://marketpublishers.com/r/G8E3D1BCC6A9EN.html>

Price: US\$ 2,980.00 (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/G8E3D1BCC6A9EN.html>