

Global GaN on SiC Transistor Market Research Report 2024(Status and Outlook)

<https://marketpublishers.com/r/G3E27F5D90EEEN.html>

Date: July 2024

Pages: 127

Price: US\$ 3,200.00 (Single User License)

ID: G3E27F5D90EEEN

Abstracts

Report Overview:

GaN on SiC has the highest power density and can efficiently generate high linear output power. The main feature is that SiC is used as the substrate, and GaN is used as the epitaxy. By growing the GaN epitaxial layer on the SiC substrate, GaN on SiC epitaxial wafers are prepared and then GaN on SiC devices are further fabricated.

The Global GaN on SiC Transistor Market Size was estimated at USD 523.10 million in 2023 and is projected to reach USD 839.36 million by 2029, exhibiting a CAGR of 8.20% during the forecast period.

This report provides a deep insight into the global GaN on SiC Transistor market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, SWOT analysis, Porter's five forces analysis, value chain analysis, etc.

The analysis helps the reader to shape the competition within the industries and strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business organization. The report structure also focuses on the competitive landscape of the Global GaN on SiC Transistor Market, this report introduces in detail the market share, market performance, product situation, operation situation, etc. of the main players, which helps the readers in the industry to identify the main competitors and deeply understand the competition pattern of the market.

In a word, this report is a must-read for industry players, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the GaN on SiC Transistor market in any manner.

Global GaN on SiC Transistor Market: Market Segmentation Analysis

The research report includes specific segments by region (country), manufacturers, Type, and Application. Market segmentation creates subsets of a market based on product type, end-user or application, Geographic, and other factors. By understanding the market segments, the decision-maker can leverage this targeting in the product, sales, and marketing strategies. Market segments can power your product development cycles by informing how you create product offerings for different segments.

Key Company

RFHIC Corporation

NXP Semiconductor

Wolfspeed

Ampleon

Qorvo

Gallium Semiconductor

Macom

Integra Technologies Inc

BeRex

Microchip Technology

WAVICE

Mitsubishi Electric

United Monolithic Semiconductors

Market Segmentation (by Type)

Small Power Transistor

Large Power Transistor

Market Segmentation (by Application)

RF Devices

Power Discrete Devices

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 on SiC Transistor Market

Overview of the regional outlook of the GaN on SiC Transistor Market:

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 (USD Billion) 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.

Note: this report may need to undergo a final check or review and this could take about 48 hours.

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 on SiC Transistor 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 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 10 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 11 provides a quantitative analysis of the market size and development potential of each market segment (product type and application) in the next five years.

Chapter 12 is the main points and conclusions of the report.

Contents

1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE

- 1.1 Market Definition and Statistical Scope of GaN on SiC Transistor
- 1.2 Key Market Segments
 - 1.2.1 GaN on SiC Transistor Segment by Type
 - 1.2.2 GaN on SiC Transistor 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 ON SiC TRANSISTOR MARKET OVERVIEW

- 2.1 Global Market Overview
 - 2.1.1 Global GaN on SiC Transistor Market Size (M USD) Estimates and Forecasts (2019-2030)
 - 2.1.2 Global GaN on SiC Transistor Sales Estimates and Forecasts (2019-2030)
- 2.2 Market Segment Executive Summary
- 2.3 Global Market Size by Region

3 GAN ON SiC TRANSISTOR MARKET COMPETITIVE LANDSCAPE

- 3.1 Global GaN on SiC Transistor Sales by Manufacturers (2019-2024)
- 3.2 Global GaN on SiC Transistor Revenue Market Share by Manufacturers (2019-2024)
- 3.3 GaN on SiC Transistor Market Share by Company Type (Tier 1, Tier 2, and Tier 3)
- 3.4 Global GaN on SiC Transistor Average Price by Manufacturers (2019-2024)
- 3.5 Manufacturers GaN on SiC Transistor Sales Sites, Area Served, Product Type
- 3.6 GaN on SiC Transistor Market Competitive Situation and Trends
 - 3.6.1 GaN on SiC Transistor Market Concentration Rate
 - 3.6.2 Global 5 and 10 Largest GaN on SiC Transistor Players Market Share by Revenue
 - 3.6.3 Mergers & Acquisitions, Expansion

4 GAN ON SiC TRANSISTOR INDUSTRY CHAIN ANALYSIS

- 4.1 GaN on SiC Transistor 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 ON SIC TRANSISTOR MARKET

- 5.1 Key Development Trends
- 5.2 Driving Factors
- 5.3 Market Challenges
- 5.4 Market Restraints
- 5.5 Industry News
 - 5.5.1 New Product Developments
 - 5.5.2 Mergers & Acquisitions
 - 5.5.3 Expansions
 - 5.5.4 Collaboration/Supply Contracts
- 5.6 Industry Policies

6 GAN ON SIC TRANSISTOR MARKET SEGMENTATION BY TYPE

- 6.1 Evaluation Matrix of Segment Market Development Potential (Type)
- 6.2 Global GaN on SiC Transistor Sales Market Share by Type (2019-2024)
- 6.3 Global GaN on SiC Transistor Market Size Market Share by Type (2019-2024)
- 6.4 Global GaN on SiC Transistor Price by Type (2019-2024)

7 GAN ON SIC TRANSISTOR MARKET SEGMENTATION BY APPLICATION

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
- 7.2 Global GaN on SiC Transistor Market Sales by Application (2019-2024)
- 7.3 Global GaN on SiC Transistor Market Size (M USD) by Application (2019-2024)
- 7.4 Global GaN on SiC Transistor Sales Growth Rate by Application (2019-2024)

8 GAN ON SIC TRANSISTOR MARKET SEGMENTATION BY REGION

- 8.1 Global GaN on SiC Transistor Sales by Region
 - 8.1.1 Global GaN on SiC Transistor Sales by Region
 - 8.1.2 Global GaN on SiC Transistor Sales Market Share by Region
- 8.2 North America

8.2.1 North America GaN on SiC Transistor Sales by Country

8.2.2 U.S.

8.2.3 Canada

8.2.4 Mexico

8.3 Europe

8.3.1 Europe GaN on SiC Transistor Sales by Country

8.3.2 Germany

8.3.3 France

8.3.4 U.K.

8.3.5 Italy

8.3.6 Russia

8.4 Asia Pacific

8.4.1 Asia Pacific GaN on SiC Transistor Sales by Region

8.4.2 China

8.4.3 Japan

8.4.4 South Korea

8.4.5 India

8.4.6 Southeast Asia

8.5 South America

8.5.1 South America GaN on SiC Transistor Sales by Country

8.5.2 Brazil

8.5.3 Argentina

8.5.4 Columbia

8.6 Middle East and Africa

8.6.1 Middle East and Africa GaN on SiC Transistor Sales by Region

8.6.2 Saudi Arabia

8.6.3 UAE

8.6.4 Egypt

8.6.5 Nigeria

8.6.6 South Africa

9 KEY COMPANIES PROFILE

9.1 RFHIC Corporation

9.1.1 RFHIC Corporation GaN on SiC Transistor Basic Information

9.1.2 RFHIC Corporation GaN on SiC Transistor Product Overview

9.1.3 RFHIC Corporation GaN on SiC Transistor Product Market Performance

9.1.4 RFHIC Corporation Business Overview

9.1.5 RFHIC Corporation GaN on SiC Transistor SWOT Analysis

- 9.1.6 RFHIC Corporation Recent Developments
- 9.2 NXP Semiconductor
 - 9.2.1 NXP Semiconductor GaN on SiC Transistor Basic Information
 - 9.2.2 NXP Semiconductor GaN on SiC Transistor Product Overview
 - 9.2.3 NXP Semiconductor GaN on SiC Transistor Product Market Performance
 - 9.2.4 NXP Semiconductor Business Overview
 - 9.2.5 NXP Semiconductor GaN on SiC Transistor SWOT Analysis
 - 9.2.6 NXP Semiconductor Recent Developments
- 9.3 Wolfspeed
 - 9.3.1 Wolfspeed GaN on SiC Transistor Basic Information
 - 9.3.2 Wolfspeed GaN on SiC Transistor Product Overview
 - 9.3.3 Wolfspeed GaN on SiC Transistor Product Market Performance
 - 9.3.4 Wolfspeed GaN on SiC Transistor SWOT Analysis
 - 9.3.5 Wolfspeed Business Overview
 - 9.3.6 Wolfspeed Recent Developments
- 9.4 Ampleon
 - 9.4.1 Ampleon GaN on SiC Transistor Basic Information
 - 9.4.2 Ampleon GaN on SiC Transistor Product Overview
 - 9.4.3 Ampleon GaN on SiC Transistor Product Market Performance
 - 9.4.4 Ampleon Business Overview
 - 9.4.5 Ampleon Recent Developments
- 9.5 Qorvo
 - 9.5.1 Qorvo GaN on SiC Transistor Basic Information
 - 9.5.2 Qorvo GaN on SiC Transistor Product Overview
 - 9.5.3 Qorvo GaN on SiC Transistor Product Market Performance
 - 9.5.4 Qorvo Business Overview
 - 9.5.5 Qorvo Recent Developments
- 9.6 Gallium Semiconductor
 - 9.6.1 Gallium Semiconductor GaN on SiC Transistor Basic Information
 - 9.6.2 Gallium Semiconductor GaN on SiC Transistor Product Overview
 - 9.6.3 Gallium Semiconductor GaN on SiC Transistor Product Market Performance
 - 9.6.4 Gallium Semiconductor Business Overview
 - 9.6.5 Gallium Semiconductor Recent Developments
- 9.7 Macom
 - 9.7.1 Macom GaN on SiC Transistor Basic Information
 - 9.7.2 Macom GaN on SiC Transistor Product Overview
 - 9.7.3 Macom GaN on SiC Transistor Product Market Performance
 - 9.7.4 Macom Business Overview
 - 9.7.5 Macom Recent Developments

9.8 Integra Technologies Inc

- 9.8.1 Integra Technologies Inc GaN on SiC Transistor Basic Information
- 9.8.2 Integra Technologies Inc GaN on SiC Transistor Product Overview
- 9.8.3 Integra Technologies Inc GaN on SiC Transistor Product Market Performance
- 9.8.4 Integra Technologies Inc Business Overview
- 9.8.5 Integra Technologies Inc Recent Developments

9.9 BeRex

- 9.9.1 BeRex GaN on SiC Transistor Basic Information
- 9.9.2 BeRex GaN on SiC Transistor Product Overview
- 9.9.3 BeRex GaN on SiC Transistor Product Market Performance
- 9.9.4 BeRex Business Overview
- 9.9.5 BeRex Recent Developments

9.10 Microchip Technology

- 9.10.1 Microchip Technology GaN on SiC Transistor Basic Information
- 9.10.2 Microchip Technology GaN on SiC Transistor Product Overview
- 9.10.3 Microchip Technology GaN on SiC Transistor Product Market Performance
- 9.10.4 Microchip Technology Business Overview
- 9.10.5 Microchip Technology Recent Developments

9.11 WAVICE

- 9.11.1 WAVICE GaN on SiC Transistor Basic Information
- 9.11.2 WAVICE GaN on SiC Transistor Product Overview
- 9.11.3 WAVICE GaN on SiC Transistor Product Market Performance
- 9.11.4 WAVICE Business Overview
- 9.11.5 WAVICE Recent Developments

9.12 Mitsubishi Electric

- 9.12.1 Mitsubishi Electric GaN on SiC Transistor Basic Information
- 9.12.2 Mitsubishi Electric GaN on SiC Transistor Product Overview
- 9.12.3 Mitsubishi Electric GaN on SiC Transistor Product Market Performance
- 9.12.4 Mitsubishi Electric Business Overview
- 9.12.5 Mitsubishi Electric Recent Developments

9.13 United Monolithic Semiconductors

- 9.13.1 United Monolithic Semiconductors GaN on SiC Transistor Basic Information
- 9.13.2 United Monolithic Semiconductors GaN on SiC Transistor Product Overview
- 9.13.3 United Monolithic Semiconductors GaN on SiC Transistor Product Market Performance
- 9.13.4 United Monolithic Semiconductors Business Overview
- 9.13.5 United Monolithic Semiconductors Recent Developments

10 GAN ON SiC TRANSISTOR MARKET FORECAST BY REGION

- 10.1 Global GaN on SiC Transistor Market Size Forecast
- 10.2 Global GaN on SiC Transistor Market Forecast by Region
 - 10.2.1 North America Market Size Forecast by Country
 - 10.2.2 Europe GaN on SiC Transistor Market Size Forecast by Country
 - 10.2.3 Asia Pacific GaN on SiC Transistor Market Size Forecast by Region
 - 10.2.4 South America GaN on SiC Transistor Market Size Forecast by Country
 - 10.2.5 Middle East and Africa Forecasted Consumption of GaN on SiC Transistor by Country

11 FORECAST MARKET BY TYPE AND BY APPLICATION (2025-2030)

- 11.1 Global GaN on SiC Transistor Market Forecast by Type (2025-2030)
 - 11.1.1 Global Forecasted Sales of GaN on SiC Transistor by Type (2025-2030)
 - 11.1.2 Global GaN on SiC Transistor Market Size Forecast by Type (2025-2030)
 - 11.1.3 Global Forecasted Price of GaN on SiC Transistor by Type (2025-2030)
- 11.2 Global GaN on SiC Transistor Market Forecast by Application (2025-2030)
 - 11.2.1 Global GaN on SiC Transistor Sales (K Units) Forecast by Application
 - 11.2.2 Global GaN on SiC Transistor Market Size (M USD) Forecast by Application (2025-2030)

12 CONCLUSION AND KEY FINDINGS

List Of Tables

LIST OF TABLES

Table 1. Introduction of the Type

Table 2. Introduction of the Application

Table 3. Market Size (M USD) Segment Executive Summary

Table 4. GaN on SiC Transistor Market Size Comparison by Region (M USD)

Table 5. Global GaN on SiC Transistor Sales (K Units) by Manufacturers (2019-2024)

Table 6. Global GaN on SiC Transistor Sales Market Share by Manufacturers (2019-2024)

Table 7. Global GaN on SiC Transistor Revenue (M USD) by Manufacturers (2019-2024)

Table 8. Global GaN on SiC Transistor Revenue Share by Manufacturers (2019-2024)

Table 9. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in GaN on SiC Transistor as of 2022)

Table 10. Global Market GaN on SiC Transistor Average Price (USD/Unit) of Key Manufacturers (2019-2024)

Table 11. Manufacturers GaN on SiC Transistor Sales Sites and Area Served

Table 12. Manufacturers GaN on SiC Transistor Product Type

Table 13. Global GaN on SiC Transistor Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 14. Mergers & Acquisitions, Expansion Plans

Table 15. Industry Chain Map of GaN on SiC Transistor

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 on SiC Transistor Market Challenges

Table 22. Global GaN on SiC Transistor Sales by Type (K Units)

Table 23. Global GaN on SiC Transistor Market Size by Type (M USD)

Table 24. Global GaN on SiC Transistor Sales (K Units) by Type (2019-2024)

Table 25. Global GaN on SiC Transistor Sales Market Share by Type (2019-2024)

Table 26. Global GaN on SiC Transistor Market Size (M USD) by Type (2019-2024)

Table 27. Global GaN on SiC Transistor Market Size Share by Type (2019-2024)

Table 28. Global GaN on SiC Transistor Price (USD/Unit) by Type (2019-2024)

Table 29. Global GaN on SiC Transistor Sales (K Units) by Application

Table 30. Global GaN on SiC Transistor Market Size by Application

- Table 31. Global GaN on SiC Transistor Sales by Application (2019-2024) & (K Units)
- Table 32. Global GaN on SiC Transistor Sales Market Share by Application (2019-2024)
- Table 33. Global GaN on SiC Transistor Sales by Application (2019-2024) & (M USD)
- Table 34. Global GaN on SiC Transistor Market Share by Application (2019-2024)
- Table 35. Global GaN on SiC Transistor Sales Growth Rate by Application (2019-2024)
- Table 36. Global GaN on SiC Transistor Sales by Region (2019-2024) & (K Units)
- Table 37. Global GaN on SiC Transistor Sales Market Share by Region (2019-2024)
- Table 38. North America GaN on SiC Transistor Sales by Country (2019-2024) & (K Units)
- Table 39. Europe GaN on SiC Transistor Sales by Country (2019-2024) & (K Units)
- Table 40. Asia Pacific GaN on SiC Transistor Sales by Region (2019-2024) & (K Units)
- Table 41. South America GaN on SiC Transistor Sales by Country (2019-2024) & (K Units)
- Table 42. Middle East and Africa GaN on SiC Transistor Sales by Region (2019-2024) & (K Units)
- Table 43. RFHIC Corporation GaN on SiC Transistor Basic Information
- Table 44. RFHIC Corporation GaN on SiC Transistor Product Overview
- Table 45. RFHIC Corporation GaN on SiC Transistor Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 46. RFHIC Corporation Business Overview
- Table 47. RFHIC Corporation GaN on SiC Transistor SWOT Analysis
- Table 48. RFHIC Corporation Recent Developments
- Table 49. NXP Semiconductor GaN on SiC Transistor Basic Information
- Table 50. NXP Semiconductor GaN on SiC Transistor Product Overview
- Table 51. NXP Semiconductor GaN on SiC Transistor Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 52. NXP Semiconductor Business Overview
- Table 53. NXP Semiconductor GaN on SiC Transistor SWOT Analysis
- Table 54. NXP Semiconductor Recent Developments
- Table 55. Wolfspeed GaN on SiC Transistor Basic Information
- Table 56. Wolfspeed GaN on SiC Transistor Product Overview
- Table 57. Wolfspeed GaN on SiC Transistor Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 58. Wolfspeed GaN on SiC Transistor SWOT Analysis
- Table 59. Wolfspeed Business Overview
- Table 60. Wolfspeed Recent Developments
- Table 61. Ampleon GaN on SiC Transistor Basic Information
- Table 62. Ampleon GaN on SiC Transistor Product Overview
- Table 63. Ampleon GaN on SiC Transistor Sales (K Units), Revenue (M USD), Price

(USD/Unit) and Gross Margin (2019-2024)

Table 64. Ampleon Business Overview

Table 65. Ampleon Recent Developments

Table 66. Qorvo GaN on SiC Transistor Basic Information

Table 67. Qorvo GaN on SiC Transistor Product Overview

Table 68. Qorvo GaN on SiC Transistor Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 69. Qorvo Business Overview

Table 70. Qorvo Recent Developments

Table 71. Gallium Semiconductor GaN on SiC Transistor Basic Information

Table 72. Gallium Semiconductor GaN on SiC Transistor Product Overview

Table 73. Gallium Semiconductor GaN on SiC Transistor Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 74. Gallium Semiconductor Business Overview

Table 75. Gallium Semiconductor Recent Developments

Table 76. Macom GaN on SiC Transistor Basic Information

Table 77. Macom GaN on SiC Transistor Product Overview

Table 78. Macom GaN on SiC Transistor Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 79. Macom Business Overview

Table 80. Macom Recent Developments

Table 81. Integra Technologies Inc GaN on SiC Transistor Basic Information

Table 82. Integra Technologies Inc GaN on SiC Transistor Product Overview

Table 83. Integra Technologies Inc GaN on SiC Transistor Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 84. Integra Technologies Inc Business Overview

Table 85. Integra Technologies Inc Recent Developments

Table 86. BeRex GaN on SiC Transistor Basic Information

Table 87. BeRex GaN on SiC Transistor Product Overview

Table 88. BeRex GaN on SiC Transistor Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 89. BeRex Business Overview

Table 90. BeRex Recent Developments

Table 91. Microchip Technology GaN on SiC Transistor Basic Information

Table 92. Microchip Technology GaN on SiC Transistor Product Overview

Table 93. Microchip Technology GaN on SiC Transistor Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 94. Microchip Technology Business Overview

Table 95. Microchip Technology Recent Developments

- Table 96. WAVICE GaN on SiC Transistor Basic Information
- Table 97. WAVICE GaN on SiC Transistor Product Overview
- Table 98. WAVICE GaN on SiC Transistor Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 99. WAVICE Business Overview
- Table 100. WAVICE Recent Developments
- Table 101. Mitsubishi Electric GaN on SiC Transistor Basic Information
- Table 102. Mitsubishi Electric GaN on SiC Transistor Product Overview
- Table 103. Mitsubishi Electric GaN on SiC Transistor Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 104. Mitsubishi Electric Business Overview
- Table 105. Mitsubishi Electric Recent Developments
- Table 106. United Monolithic Semiconductors GaN on SiC Transistor Basic Information
- Table 107. United Monolithic Semiconductors GaN on SiC Transistor Product Overview
- Table 108. United Monolithic Semiconductors GaN on SiC Transistor Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 109. United Monolithic Semiconductors Business Overview
- Table 110. United Monolithic Semiconductors Recent Developments
- Table 111. Global GaN on SiC Transistor Sales Forecast by Region (2025-2030) & (K Units)
- Table 112. Global GaN on SiC Transistor Market Size Forecast by Region (2025-2030) & (M USD)
- Table 113. North America GaN on SiC Transistor Sales Forecast by Country (2025-2030) & (K Units)
- Table 114. North America GaN on SiC Transistor Market Size Forecast by Country (2025-2030) & (M USD)
- Table 115. Europe GaN on SiC Transistor Sales Forecast by Country (2025-2030) & (K Units)
- Table 116. Europe GaN on SiC Transistor Market Size Forecast by Country (2025-2030) & (M USD)
- Table 117. Asia Pacific GaN on SiC Transistor Sales Forecast by Region (2025-2030) & (K Units)
- Table 118. Asia Pacific GaN on SiC Transistor Market Size Forecast by Region (2025-2030) & (M USD)
- Table 119. South America GaN on SiC Transistor Sales Forecast by Country (2025-2030) & (K Units)
- Table 120. South America GaN on SiC Transistor Market Size Forecast by Country (2025-2030) & (M USD)
- Table 121. Middle East and Africa GaN on SiC Transistor Consumption Forecast by

Country (2025-2030) & (Units)

Table 122. Middle East and Africa GaN on SiC Transistor Market Size Forecast by Country (2025-2030) & (M USD)

Table 123. Global GaN on SiC Transistor Sales Forecast by Type (2025-2030) & (K Units)

Table 124. Global GaN on SiC Transistor Market Size Forecast by Type (2025-2030) & (M USD)

Table 125. Global GaN on SiC Transistor Price Forecast by Type (2025-2030) & (USD/Unit)

Table 126. Global GaN on SiC Transistor Sales (K Units) Forecast by Application (2025-2030)

Table 127. Global GaN on SiC Transistor Market Size Forecast by Application (2025-2030) & (M USD)

List Of Figures

LIST OF FIGURES

- Figure 1. Product Picture of GaN on SiC Transistor
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global GaN on SiC Transistor Market Size (M USD), 2019-2030
- Figure 5. Global GaN on SiC Transistor Market Size (M USD) (2019-2030)
- Figure 6. Global GaN on SiC Transistor Sales (K Units) & (2019-2030)
- 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 on SiC Transistor Market Size by Country (M USD)
- Figure 11. GaN on SiC Transistor Sales Share by Manufacturers in 2023
- Figure 12. Global GaN on SiC Transistor Revenue Share by Manufacturers in 2023
- Figure 13. GaN on SiC Transistor Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2023
- Figure 14. Global Market GaN on SiC Transistor Average Price (USD/Unit) of Key Manufacturers in 2023
- Figure 15. The Global 5 and 10 Largest Players: Market Share by GaN on SiC Transistor Revenue in 2023
- Figure 16. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 17. Global GaN on SiC Transistor Market Share by Type
- Figure 18. Sales Market Share of GaN on SiC Transistor by Type (2019-2024)
- Figure 19. Sales Market Share of GaN on SiC Transistor by Type in 2023
- Figure 20. Market Size Share of GaN on SiC Transistor by Type (2019-2024)
- Figure 21. Market Size Market Share of GaN on SiC Transistor by Type in 2023
- Figure 22. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 23. Global GaN on SiC Transistor Market Share by Application
- Figure 24. Global GaN on SiC Transistor Sales Market Share by Application (2019-2024)
- Figure 25. Global GaN on SiC Transistor Sales Market Share by Application in 2023
- Figure 26. Global GaN on SiC Transistor Market Share by Application (2019-2024)
- Figure 27. Global GaN on SiC Transistor Market Share by Application in 2023
- Figure 28. Global GaN on SiC Transistor Sales Growth Rate by Application (2019-2024)
- Figure 29. Global GaN on SiC Transistor Sales Market Share by Region (2019-2024)
- Figure 30. North America GaN on SiC Transistor Sales and Growth Rate (2019-2024) & (K Units)

Figure 31. North America GaN on SiC Transistor Sales Market Share by Country in 2023

Figure 32. U.S. GaN on SiC Transistor Sales and Growth Rate (2019-2024) & (K Units)

Figure 33. Canada GaN on SiC Transistor Sales (K Units) and Growth Rate (2019-2024)

Figure 34. Mexico GaN on SiC Transistor Sales (Units) and Growth Rate (2019-2024)

Figure 35. Europe GaN on SiC Transistor Sales and Growth Rate (2019-2024) & (K Units)

Figure 36. Europe GaN on SiC Transistor Sales Market Share by Country in 2023

Figure 37. Germany GaN on SiC Transistor Sales and Growth Rate (2019-2024) & (K Units)

Figure 38. France GaN on SiC Transistor Sales and Growth Rate (2019-2024) & (K Units)

Figure 39. U.K. GaN on SiC Transistor Sales and Growth Rate (2019-2024) & (K Units)

Figure 40. Italy GaN on SiC Transistor Sales and Growth Rate (2019-2024) & (K Units)

Figure 41. Russia GaN on SiC Transistor Sales and Growth Rate (2019-2024) & (K Units)

Figure 42. Asia Pacific GaN on SiC Transistor Sales and Growth Rate (K Units)

Figure 43. Asia Pacific GaN on SiC Transistor Sales Market Share by Region in 2023

Figure 44. China GaN on SiC Transistor Sales and Growth Rate (2019-2024) & (K Units)

Figure 45. Japan GaN on SiC Transistor Sales and Growth Rate (2019-2024) & (K Units)

Figure 46. South Korea GaN on SiC Transistor Sales and Growth Rate (2019-2024) & (K Units)

Figure 47. India GaN on SiC Transistor Sales and Growth Rate (2019-2024) & (K Units)

Figure 48. Southeast Asia GaN on SiC Transistor Sales and Growth Rate (2019-2024) & (K Units)

Figure 49. South America GaN on SiC Transistor Sales and Growth Rate (K Units)

Figure 50. South America GaN on SiC Transistor Sales Market Share by Country in 2023

Figure 51. Brazil GaN on SiC Transistor Sales and Growth Rate (2019-2024) & (K Units)

Figure 52. Argentina GaN on SiC Transistor Sales and Growth Rate (2019-2024) & (K Units)

Figure 53. Columbia GaN on SiC Transistor Sales and Growth Rate (2019-2024) & (K Units)

Figure 54. Middle East and Africa GaN on SiC Transistor Sales and Growth Rate (K Units)

Figure 55. Middle East and Africa GaN on SiC Transistor Sales Market Share by Region in 2023

Figure 56. Saudi Arabia GaN on SiC Transistor Sales and Growth Rate (2019-2024) & (K Units)

Figure 57. UAE GaN on SiC Transistor Sales and Growth Rate (2019-2024) & (K Units)

Figure 58. Egypt GaN on SiC Transistor Sales and Growth Rate (2019-2024) & (K Units)

Figure 59. Nigeria GaN on SiC Transistor Sales and Growth Rate (2019-2024) & (K Units)

Figure 60. South Africa GaN on SiC Transistor Sales and Growth Rate (2019-2024) & (K Units)

Figure 61. Global GaN on SiC Transistor Sales Forecast by Volume (2019-2030) & (K Units)

Figure 62. Global GaN on SiC Transistor Market Size Forecast by Value (2019-2030) & (M USD)

Figure 63. Global GaN on SiC Transistor Sales Market Share Forecast by Type (2025-2030)

Figure 64. Global GaN on SiC Transistor Market Share Forecast by Type (2025-2030)

Figure 65. Global GaN on SiC Transistor Sales Forecast by Application (2025-2030)

Figure 66. Global GaN on SiC Transistor Market Share Forecast by Application (2025-2030)

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