

# Global Gallium Nitride (GaN) Based Devices Market Research Report 2024(Status and Outlook)

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## Abstracts

### Report Overview

This report provides a deep insight into the global Gallium Nitride (GaN) Based Devices 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, 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 Gallium Nitride (GaN) Based Devices 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 Gallium Nitride (GaN) Based Devices market in any manner.

### Global Gallium Nitride (GaN) Based Devices 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

Infineon

ON Semiconductor

Texas Instruments

Navitas

Power Integrations

GaN Systems

Fujitsu

Toshiba

NTT Advanced Technology

RF Micro Devices

Cree Incorporated

Aixtron

Dalian Xinguan Technology

CorEnergy Semi

Suzhou Gpower

#### Market Segmentation (by Type)

Power Devicea

Electronic Devices

Photoelectric Devices

RF Devices

Market Segmentation (by Application)

Radar

Satellite

Base Station

Inverter

Power Switch

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 Gallium Nitride (GaN) Based Devices Market

Overview of the regional outlook of the Gallium Nitride (GaN) Based Devices 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.

## 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 Gallium Nitride (GaN) Based Devices 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 Gallium Nitride (GaN) Based Devices

#### 1.2 Key Market Segments

##### 1.2.1 Gallium Nitride (GaN) Based Devices Segment by Type

##### 1.2.2 Gallium Nitride (GaN) Based Devices 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 GALLIUM NITRIDE (GAN) BASED DEVICES MARKET OVERVIEW**

#### 2.1 Global Market Overview

##### 2.1.1 Global Gallium Nitride (GaN) Based Devices Market Size (M USD) Estimates and Forecasts (2019-2030)

##### 2.1.2 Global Gallium Nitride (GaN) Based Devices Sales Estimates and Forecasts (2019-2030)

#### 2.2 Market Segment Executive Summary

#### 2.3 Global Market Size by Region

### **3 GALLIUM NITRIDE (GAN) BASED DEVICES MARKET COMPETITIVE LANDSCAPE**

#### 3.1 Global Gallium Nitride (GaN) Based Devices Sales by Manufacturers (2019-2024)

#### 3.2 Global Gallium Nitride (GaN) Based Devices Revenue Market Share by Manufacturers (2019-2024)

#### 3.3 Gallium Nitride (GaN) Based Devices Market Share by Company Type (Tier 1, Tier 2, and Tier 3)

#### 3.4 Global Gallium Nitride (GaN) Based Devices Average Price by Manufacturers (2019-2024)

#### 3.5 Manufacturers Gallium Nitride (GaN) Based Devices Sales Sites, Area Served, Product Type

#### 3.6 Gallium Nitride (GaN) Based Devices Market Competitive Situation and Trends

##### 3.6.1 Gallium Nitride (GaN) Based Devices Market Concentration Rate

3.6.2 Global 5 and 10 Largest Gallium Nitride (GaN) Based Devices Players Market Share by Revenue

3.6.3 Mergers & Acquisitions, Expansion

## **4 GALLIUM NITRIDE (GAN) BASED DEVICES INDUSTRY CHAIN ANALYSIS**

4.1 Gallium Nitride (GaN) Based Devices 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 GALLIUM NITRIDE (GAN) BASED DEVICES 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 GALLIUM NITRIDE (GAN) BASED DEVICES MARKET SEGMENTATION BY TYPE**

6.1 Evaluation Matrix of Segment Market Development Potential (Type)

6.2 Global Gallium Nitride (GaN) Based Devices Sales Market Share by Type (2019-2024)

6.3 Global Gallium Nitride (GaN) Based Devices Market Size Market Share by Type (2019-2024)

6.4 Global Gallium Nitride (GaN) Based Devices Price by Type (2019-2024)

## **7 GALLIUM NITRIDE (GAN) BASED DEVICES MARKET SEGMENTATION BY APPLICATION**

7.1 Evaluation Matrix of Segment Market Development Potential (Application)

7.2 Global Gallium Nitride (GaN) Based Devices Market Sales by Application



(2019-2024)

7.3 Global Gallium Nitride (GaN) Based Devices Market Size (M USD) by Application

(2019-2024)

7.4 Global Gallium Nitride (GaN) Based Devices Sales Growth Rate by Application

(2019-2024)

## **8 GALLIUM NITRIDE (GAN) BASED DEVICES MARKET SEGMENTATION BY REGION**

8.1 Global Gallium Nitride (GaN) Based Devices Sales by Region

8.1.1 Global Gallium Nitride (GaN) Based Devices Sales by Region

8.1.2 Global Gallium Nitride (GaN) Based Devices Sales Market Share by Region

8.2 North America

8.2.1 North America Gallium Nitride (GaN) Based Devices Sales by Country

8.2.2 U.S.

8.2.3 Canada

8.2.4 Mexico

8.3 Europe

8.3.1 Europe Gallium Nitride (GaN) Based Devices 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 Gallium Nitride (GaN) Based Devices 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 Gallium Nitride (GaN) Based Devices 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 Gallium Nitride (GaN) Based Devices 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 Infineon**

9.1.1 Infineon Gallium Nitride (GaN) Based Devices Basic Information

9.1.2 Infineon Gallium Nitride (GaN) Based Devices Product Overview

9.1.3 Infineon Gallium Nitride (GaN) Based Devices Product Market Performance

9.1.4 Infineon Business Overview

9.1.5 Infineon Gallium Nitride (GaN) Based Devices SWOT Analysis

9.1.6 Infineon Recent Developments

### **9.2 ON Semiconductor**

9.2.1 ON Semiconductor Gallium Nitride (GaN) Based Devices Basic Information

9.2.2 ON Semiconductor Gallium Nitride (GaN) Based Devices Product Overview

9.2.3 ON Semiconductor Gallium Nitride (GaN) Based Devices Product Market Performance

9.2.4 ON Semiconductor Business Overview

9.2.5 ON Semiconductor Gallium Nitride (GaN) Based Devices SWOT Analysis

9.2.6 ON Semiconductor Recent Developments

### **9.3 Texas Instruments**

9.3.1 Texas Instruments Gallium Nitride (GaN) Based Devices Basic Information

9.3.2 Texas Instruments Gallium Nitride (GaN) Based Devices Product Overview

9.3.3 Texas Instruments Gallium Nitride (GaN) Based Devices Product Market Performance

9.3.4 Texas Instruments Gallium Nitride (GaN) Based Devices SWOT Analysis

9.3.5 Texas Instruments Business Overview

9.3.6 Texas Instruments Recent Developments

### **9.4 Navitas**

9.4.1 Navitas Gallium Nitride (GaN) Based Devices Basic Information

9.4.2 Navitas Gallium Nitride (GaN) Based Devices Product Overview

9.4.3 Navitas Gallium Nitride (GaN) Based Devices Product Market Performance

9.4.4 Navitas Business Overview

9.4.5 Navitas Recent Developments

### **9.5 Power Integrations**

9.5.1 Power Integrations Gallium Nitride (GaN) Based Devices Basic Information

9.5.2 Power Integrations Gallium Nitride (GaN) Based Devices Product Overview

### 9.5.3 Power Integrations Gallium Nitride (GaN) Based Devices Product Market Performance

#### 9.5.4 Power Integrations Business Overview

#### 9.5.5 Power Integrations Recent Developments

### 9.6 GaN Systems

#### 9.6.1 GaN Systems Gallium Nitride (GaN) Based Devices Basic Information

#### 9.6.2 GaN Systems Gallium Nitride (GaN) Based Devices Product Overview

### 9.6.3 GaN Systems Gallium Nitride (GaN) Based Devices Product Market Performance

#### 9.6.4 GaN Systems Business Overview

#### 9.6.5 GaN Systems Recent Developments

### 9.7 Fujitsu

#### 9.7.1 Fujitsu Gallium Nitride (GaN) Based Devices Basic Information

#### 9.7.2 Fujitsu Gallium Nitride (GaN) Based Devices Product Overview

#### 9.7.3 Fujitsu Gallium Nitride (GaN) Based Devices Product Market Performance

#### 9.7.4 Fujitsu Business Overview

#### 9.7.5 Fujitsu Recent Developments

### 9.8 Toshiba

#### 9.8.1 Toshiba Gallium Nitride (GaN) Based Devices Basic Information

#### 9.8.2 Toshiba Gallium Nitride (GaN) Based Devices Product Overview

#### 9.8.3 Toshiba Gallium Nitride (GaN) Based Devices Product Market Performance

#### 9.8.4 Toshiba Business Overview

#### 9.8.5 Toshiba Recent Developments

### 9.9 NTT Advanced Technology

### 9.9.1 NTT Advanced Technology Gallium Nitride (GaN) Based Devices Basic Information

### 9.9.2 NTT Advanced Technology Gallium Nitride (GaN) Based Devices Product Overview

### 9.9.3 NTT Advanced Technology Gallium Nitride (GaN) Based Devices Product Market Performance

#### 9.9.4 NTT Advanced Technology Business Overview

#### 9.9.5 NTT Advanced Technology Recent Developments

### 9.10 RF Micro Devices

#### 9.10.1 RF Micro Devices Gallium Nitride (GaN) Based Devices Basic Information

#### 9.10.2 RF Micro Devices Gallium Nitride (GaN) Based Devices Product Overview

### 9.10.3 RF Micro Devices Gallium Nitride (GaN) Based Devices Product Market Performance

#### 9.10.4 RF Micro Devices Business Overview

#### 9.10.5 RF Micro Devices Recent Developments

## 9.11 Cree Incorporated

9.11.1 Cree Incorporated Gallium Nitride (GaN) Based Devices Basic Information

9.11.2 Cree Incorporated Gallium Nitride (GaN) Based Devices Product Overview

9.11.3 Cree Incorporated Gallium Nitride (GaN) Based Devices Product Market

Performance

9.11.4 Cree Incorporated Business Overview

9.11.5 Cree Incorporated Recent Developments

## 9.12 Aixtron

9.12.1 Aixtron Gallium Nitride (GaN) Based Devices Basic Information

9.12.2 Aixtron Gallium Nitride (GaN) Based Devices Product Overview

9.12.3 Aixtron Gallium Nitride (GaN) Based Devices Product Market Performance

9.12.4 Aixtron Business Overview

9.12.5 Aixtron Recent Developments

## 9.13 Dalian Xinguan Technology

9.13.1 Dalian Xinguan Technology Gallium Nitride (GaN) Based Devices Basic Information

9.13.2 Dalian Xinguan Technology Gallium Nitride (GaN) Based Devices Product Overview

9.13.3 Dalian Xinguan Technology Gallium Nitride (GaN) Based Devices Product Market Performance

9.13.4 Dalian Xinguan Technology Business Overview

9.13.5 Dalian Xinguan Technology Recent Developments

## 9.14 CorEnergy Semi

9.14.1 CorEnergy Semi Gallium Nitride (GaN) Based Devices Basic Information

9.14.2 CorEnergy Semi Gallium Nitride (GaN) Based Devices Product Overview

9.14.3 CorEnergy Semi Gallium Nitride (GaN) Based Devices Product Market

Performance

9.14.4 CorEnergy Semi Business Overview

9.14.5 CorEnergy Semi Recent Developments

## 9.15 Suzhou Gpower

9.15.1 Suzhou Gpower Gallium Nitride (GaN) Based Devices Basic Information

9.15.2 Suzhou Gpower Gallium Nitride (GaN) Based Devices Product Overview

9.15.3 Suzhou Gpower Gallium Nitride (GaN) Based Devices Product Market

Performance

9.15.4 Suzhou Gpower Business Overview

9.15.5 Suzhou Gpower Recent Developments

# 10 GALLIUM NITRIDE (GAN) BASED DEVICES MARKET FORECAST BY REGION

#### 10.1 Global Gallium Nitride (GaN) Based Devices Market Size Forecast

#### 10.2 Global Gallium Nitride (GaN) Based Devices Market Forecast by Region

##### 10.2.1 North America Market Size Forecast by Country

##### 10.2.2 Europe Gallium Nitride (GaN) Based Devices Market Size Forecast by Country

##### 10.2.3 Asia Pacific Gallium Nitride (GaN) Based Devices Market Size Forecast by Region

##### 10.2.4 South America Gallium Nitride (GaN) Based Devices Market Size Forecast by Country

##### 10.2.5 Middle East and Africa Forecasted Consumption of Gallium Nitride (GaN) Based Devices by Country

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

#### 11.1 Global Gallium Nitride (GaN) Based Devices Market Forecast by Type (2025-2030)

##### 11.1.1 Global Forecasted Sales of Gallium Nitride (GaN) Based Devices by Type (2025-2030)

##### 11.1.2 Global Gallium Nitride (GaN) Based Devices Market Size Forecast by Type (2025-2030)

##### 11.1.3 Global Forecasted Price of Gallium Nitride (GaN) Based Devices by Type (2025-2030)

#### 11.2 Global Gallium Nitride (GaN) Based Devices Market Forecast by Application (2025-2030)

##### 11.2.1 Global Gallium Nitride (GaN) Based Devices Sales (K Units) Forecast by Application

##### 11.2.2 Global Gallium Nitride (GaN) Based Devices 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. Gallium Nitride (GaN) Based Devices Market Size Comparison by Region (M USD)

Table 5. Global Gallium Nitride (GaN) Based Devices Sales (K Units) by Manufacturers (2019-2024)

Table 6. Global Gallium Nitride (GaN) Based Devices Sales Market Share by Manufacturers (2019-2024)

Table 7. Global Gallium Nitride (GaN) Based Devices Revenue (M USD) by Manufacturers (2019-2024)

Table 8. Global Gallium Nitride (GaN) Based Devices Revenue Share by Manufacturers (2019-2024)

Table 9. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Gallium Nitride (GaN) Based Devices as of 2022)

Table 10. Global Market Gallium Nitride (GaN) Based Devices Average Price (USD/Unit) of Key Manufacturers (2019-2024)

Table 11. Manufacturers Gallium Nitride (GaN) Based Devices Sales Sites and Area Served

Table 12. Manufacturers Gallium Nitride (GaN) Based Devices Product Type

Table 13. Global Gallium Nitride (GaN) Based Devices Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 14. Mergers & Acquisitions, Expansion Plans

Table 15. Industry Chain Map of Gallium Nitride (GaN) Based Devices

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. Gallium Nitride (GaN) Based Devices Market Challenges

Table 22. Global Gallium Nitride (GaN) Based Devices Sales by Type (K Units)

Table 23. Global Gallium Nitride (GaN) Based Devices Market Size by Type (M USD)

Table 24. Global Gallium Nitride (GaN) Based Devices Sales (K Units) by Type (2019-2024)

Table 25. Global Gallium Nitride (GaN) Based Devices Sales Market Share by Type



(2019-2024)

Table 26. Global Gallium Nitride (GaN) Based Devices Market Size (M USD) by Type (2019-2024)

Table 27. Global Gallium Nitride (GaN) Based Devices Market Size Share by Type (2019-2024)

Table 28. Global Gallium Nitride (GaN) Based Devices Price (USD/Unit) by Type (2019-2024)

Table 29. Global Gallium Nitride (GaN) Based Devices Sales (K Units) by Application

Table 30. Global Gallium Nitride (GaN) Based Devices Market Size by Application

Table 31. Global Gallium Nitride (GaN) Based Devices Sales by Application (2019-2024) & (K Units)

Table 32. Global Gallium Nitride (GaN) Based Devices Sales Market Share by Application (2019-2024)

Table 33. Global Gallium Nitride (GaN) Based Devices Sales by Application (2019-2024) & (M USD)

Table 34. Global Gallium Nitride (GaN) Based Devices Market Share by Application (2019-2024)

Table 35. Global Gallium Nitride (GaN) Based Devices Sales Growth Rate by Application (2019-2024)

Table 36. Global Gallium Nitride (GaN) Based Devices Sales by Region (2019-2024) & (K Units)

Table 37. Global Gallium Nitride (GaN) Based Devices Sales Market Share by Region (2019-2024)

Table 38. North America Gallium Nitride (GaN) Based Devices Sales by Country (2019-2024) & (K Units)

Table 39. Europe Gallium Nitride (GaN) Based Devices Sales by Country (2019-2024) & (K Units)

Table 40. Asia Pacific Gallium Nitride (GaN) Based Devices Sales by Region (2019-2024) & (K Units)

Table 41. South America Gallium Nitride (GaN) Based Devices Sales by Country (2019-2024) & (K Units)

Table 42. Middle East and Africa Gallium Nitride (GaN) Based Devices Sales by Region (2019-2024) & (K Units)

Table 43. Infineon Gallium Nitride (GaN) Based Devices Basic Information

Table 44. Infineon Gallium Nitride (GaN) Based Devices Product Overview

Table 45. Infineon Gallium Nitride (GaN) Based Devices Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 46. Infineon Business Overview

Table 47. Infineon Gallium Nitride (GaN) Based Devices SWOT Analysis

Table 48. Infineon Recent Developments

Table 49. ON Semiconductor Gallium Nitride (GaN) Based Devices Basic Information

Table 50. ON Semiconductor Gallium Nitride (GaN) Based Devices Product Overview

Table 51. ON Semiconductor Gallium Nitride (GaN) Based Devices Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 52. ON Semiconductor Business Overview

Table 53. ON Semiconductor Gallium Nitride (GaN) Based Devices SWOT Analysis

Table 54. ON Semiconductor Recent Developments

Table 55. Texas Instruments Gallium Nitride (GaN) Based Devices Basic Information

Table 56. Texas Instruments Gallium Nitride (GaN) Based Devices Product Overview

Table 57. Texas Instruments Gallium Nitride (GaN) Based Devices Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 58. Texas Instruments Gallium Nitride (GaN) Based Devices SWOT Analysis

Table 59. Texas Instruments Business Overview

Table 60. Texas Instruments Recent Developments

Table 61. Navitas Gallium Nitride (GaN) Based Devices Basic Information

Table 62. Navitas Gallium Nitride (GaN) Based Devices Product Overview

Table 63. Navitas Gallium Nitride (GaN) Based Devices Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 64. Navitas Business Overview

Table 65. Navitas Recent Developments

Table 66. Power Integrations Gallium Nitride (GaN) Based Devices Basic Information

Table 67. Power Integrations Gallium Nitride (GaN) Based Devices Product Overview

Table 68. Power Integrations Gallium Nitride (GaN) Based Devices Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 69. Power Integrations Business Overview

Table 70. Power Integrations Recent Developments

Table 71. GaN Systems Gallium Nitride (GaN) Based Devices Basic Information

Table 72. GaN Systems Gallium Nitride (GaN) Based Devices Product Overview

Table 73. GaN Systems Gallium Nitride (GaN) Based Devices Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 74. GaN Systems Business Overview

Table 75. GaN Systems Recent Developments

Table 76. Fujitsu Gallium Nitride (GaN) Based Devices Basic Information

Table 77. Fujitsu Gallium Nitride (GaN) Based Devices Product Overview

Table 78. Fujitsu Gallium Nitride (GaN) Based Devices Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 79. Fujitsu Business Overview

Table 80. Fujitsu Recent Developments



Table 81. Toshiba Gallium Nitride (GaN) Based Devices Basic Information
Table 82. Toshiba Gallium Nitride (GaN) Based Devices Product Overview
Table 83. Toshiba Gallium Nitride (GaN) Based Devices Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
Table 84. Toshiba Business Overview
Table 85. Toshiba Recent Developments
Table 86. NTT Advanced Technology Gallium Nitride (GaN) Based Devices Basic Information
Table 87. NTT Advanced Technology Gallium Nitride (GaN) Based Devices Product Overview
Table 88. NTT Advanced Technology Gallium Nitride (GaN) Based Devices Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
Table 89. NTT Advanced Technology Business Overview
Table 90. NTT Advanced Technology Recent Developments
Table 91. RF Micro Devices Gallium Nitride (GaN) Based Devices Basic Information
Table 92. RF Micro Devices Gallium Nitride (GaN) Based Devices Product Overview
Table 93. RF Micro Devices Gallium Nitride (GaN) Based Devices Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
Table 94. RF Micro Devices Business Overview
Table 95. RF Micro Devices Recent Developments
Table 96. Cree Incorporated Gallium Nitride (GaN) Based Devices Basic Information
Table 97. Cree Incorporated Gallium Nitride (GaN) Based Devices Product Overview
Table 98. Cree Incorporated Gallium Nitride (GaN) Based Devices Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
Table 99. Cree Incorporated Business Overview
Table 100. Cree Incorporated Recent Developments
Table 101. Aixtron Gallium Nitride (GaN) Based Devices Basic Information
Table 102. Aixtron Gallium Nitride (GaN) Based Devices Product Overview
Table 103. Aixtron Gallium Nitride (GaN) Based Devices Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
Table 104. Aixtron Business Overview
Table 105. Aixtron Recent Developments
Table 106. Dalian Xinguan Technology Gallium Nitride (GaN) Based Devices Basic Information
Table 107. Dalian Xinguan Technology Gallium Nitride (GaN) Based Devices Product Overview
Table 108. Dalian Xinguan Technology Gallium Nitride (GaN) Based Devices Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
Table 109. Dalian Xinguan Technology Business Overview

Table 110. Dalian Xinguan Technology Recent Developments
Table 111. CorEnergy Semi Gallium Nitride (GaN) Based Devices Basic Information
Table 112. CorEnergy Semi Gallium Nitride (GaN) Based Devices Product Overview
Table 113. CorEnergy Semi Gallium Nitride (GaN) Based Devices Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
Table 114. CorEnergy Semi Business Overview
Table 115. CorEnergy Semi Recent Developments
Table 116. Suzhou Gpower Gallium Nitride (GaN) Based Devices Basic Information
Table 117. Suzhou Gpower Gallium Nitride (GaN) Based Devices Product Overview
Table 118. Suzhou Gpower Gallium Nitride (GaN) Based Devices Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
Table 119. Suzhou Gpower Business Overview
Table 120. Suzhou Gpower Recent Developments
Table 121. Global Gallium Nitride (GaN) Based Devices Sales Forecast by Region (2025-2030) & (K Units)
Table 122. Global Gallium Nitride (GaN) Based Devices Market Size Forecast by Region (2025-2030) & (M USD)
Table 123. North America Gallium Nitride (GaN) Based Devices Sales Forecast by Country (2025-2030) & (K Units)
Table 124. North America Gallium Nitride (GaN) Based Devices Market Size Forecast by Country (2025-2030) & (M USD)
Table 125. Europe Gallium Nitride (GaN) Based Devices Sales Forecast by Country (2025-2030) & (K Units)
Table 126. Europe Gallium Nitride (GaN) Based Devices Market Size Forecast by Country (2025-2030) & (M USD)
Table 127. Asia Pacific Gallium Nitride (GaN) Based Devices Sales Forecast by Region (2025-2030) & (K Units)
Table 128. Asia Pacific Gallium Nitride (GaN) Based Devices Market Size Forecast by Region (2025-2030) & (M USD)
Table 129. South America Gallium Nitride (GaN) Based Devices Sales Forecast by Country (2025-2030) & (K Units)
Table 130. South America Gallium Nitride (GaN) Based Devices Market Size Forecast by Country (2025-2030) & (M USD)
Table 131. Middle East and Africa Gallium Nitride (GaN) Based Devices Consumption Forecast by Country (2025-2030) & (Units)
Table 132. Middle East and Africa Gallium Nitride (GaN) Based Devices Market Size Forecast by Country (2025-2030) & (M USD)
Table 133. Global Gallium Nitride (GaN) Based Devices Sales Forecast by Type (2025-2030) & (K Units)

Table 134. Global Gallium Nitride (GaN) Based Devices Market Size Forecast by Type (2025-2030) & (M USD)

Table 135. Global Gallium Nitride (GaN) Based Devices Price Forecast by Type (2025-2030) & (USD/Unit)

Table 136. Global Gallium Nitride (GaN) Based Devices Sales (K Units) Forecast by Application (2025-2030)

Table 137. Global Gallium Nitride (GaN) Based Devices Market Size Forecast by Application (2025-2030) & (M USD)

## List Of Figures

### LIST OF FIGURES

- Figure 1. Product Picture of Gallium Nitride (GaN) Based Devices
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global Gallium Nitride (GaN) Based Devices Market Size (M USD), 2019-2030
- Figure 5. Global Gallium Nitride (GaN) Based Devices Market Size (M USD) (2019-2030)
- Figure 6. Global Gallium Nitride (GaN) Based Devices 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. Gallium Nitride (GaN) Based Devices Market Size by Country (M USD)
- Figure 11. Gallium Nitride (GaN) Based Devices Sales Share by Manufacturers in 2023
- Figure 12. Global Gallium Nitride (GaN) Based Devices Revenue Share by Manufacturers in 2023
- Figure 13. Gallium Nitride (GaN) Based Devices Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2023
- Figure 14. Global Market Gallium Nitride (GaN) Based Devices Average Price (USD/Unit) of Key Manufacturers in 2023
- Figure 15. The Global 5 and 10 Largest Players: Market Share by Gallium Nitride (GaN) Based Devices Revenue in 2023
- Figure 16. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 17. Global Gallium Nitride (GaN) Based Devices Market Share by Type
- Figure 18. Sales Market Share of Gallium Nitride (GaN) Based Devices by Type (2019-2024)
- Figure 19. Sales Market Share of Gallium Nitride (GaN) Based Devices by Type in 2023
- Figure 20. Market Size Share of Gallium Nitride (GaN) Based Devices by Type (2019-2024)
- Figure 21. Market Size Market Share of Gallium Nitride (GaN) Based Devices by Type in 2023
- Figure 22. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 23. Global Gallium Nitride (GaN) Based Devices Market Share by Application
- Figure 24. Global Gallium Nitride (GaN) Based Devices Sales Market Share by Application (2019-2024)
- Figure 25. Global Gallium Nitride (GaN) Based Devices Sales Market Share by Application in 2023

Figure 26. Global Gallium Nitride (GaN) Based Devices Market Share by Application (2019-2024)

Figure 27. Global Gallium Nitride (GaN) Based Devices Market Share by Application in 2023

Figure 28. Global Gallium Nitride (GaN) Based Devices Sales Growth Rate by Application (2019-2024)

Figure 29. Global Gallium Nitride (GaN) Based Devices Sales Market Share by Region (2019-2024)

Figure 30. North America Gallium Nitride (GaN) Based Devices Sales and Growth Rate (2019-2024) & (K Units)

Figure 31. North America Gallium Nitride (GaN) Based Devices Sales Market Share by Country in 2023

Figure 32. U.S. Gallium Nitride (GaN) Based Devices Sales and Growth Rate (2019-2024) & (K Units)

Figure 33. Canada Gallium Nitride (GaN) Based Devices Sales (K Units) and Growth Rate (2019-2024)

Figure 34. Mexico Gallium Nitride (GaN) Based Devices Sales (Units) and Growth Rate (2019-2024)

Figure 35. Europe Gallium Nitride (GaN) Based Devices Sales and Growth Rate (2019-2024) & (K Units)

Figure 36. Europe Gallium Nitride (GaN) Based Devices Sales Market Share by Country in 2023

Figure 37. Germany Gallium Nitride (GaN) Based Devices Sales and Growth Rate (2019-2024) & (K Units)

Figure 38. France Gallium Nitride (GaN) Based Devices Sales and Growth Rate (2019-2024) & (K Units)

Figure 39. U.K. Gallium Nitride (GaN) Based Devices Sales and Growth Rate (2019-2024) & (K Units)

Figure 40. Italy Gallium Nitride (GaN) Based Devices Sales and Growth Rate (2019-2024) & (K Units)

Figure 41. Russia Gallium Nitride (GaN) Based Devices Sales and Growth Rate (2019-2024) & (K Units)

Figure 42. Asia Pacific Gallium Nitride (GaN) Based Devices Sales and Growth Rate (K Units)

Figure 43. Asia Pacific Gallium Nitride (GaN) Based Devices Sales Market Share by Region in 2023

Figure 44. China Gallium Nitride (GaN) Based Devices Sales and Growth Rate (2019-2024) & (K Units)

Figure 45. Japan Gallium Nitride (GaN) Based Devices Sales and Growth Rate

(2019-2024) & (K Units)

Figure 46. South Korea Gallium Nitride (GaN) Based Devices Sales and Growth Rate (2019-2024) & (K Units)

Figure 47. India Gallium Nitride (GaN) Based Devices Sales and Growth Rate (2019-2024) & (K Units)

Figure 48. Southeast Asia Gallium Nitride (GaN) Based Devices Sales and Growth Rate (2019-2024) & (K Units)

Figure 49. South America Gallium Nitride (GaN) Based Devices Sales and Growth Rate (K Units)

Figure 50. South America Gallium Nitride (GaN) Based Devices Sales Market Share by Country in 2023

Figure 51. Brazil Gallium Nitride (GaN) Based Devices Sales and Growth Rate (2019-2024) & (K Units)

Figure 52. Argentina Gallium Nitride (GaN) Based Devices Sales and Growth Rate (2019-2024) & (K Units)

Figure 53. Columbia Gallium Nitride (GaN) Based Devices Sales and Growth Rate (2019-2024) & (K Units)

Figure 54. Middle East and Africa Gallium Nitride (GaN) Based Devices Sales and Growth Rate (K Units)

Figure 55. Middle East and Africa Gallium Nitride (GaN) Based Devices Sales Market Share by Region in 2023

Figure 56. Saudi Arabia Gallium Nitride (GaN) Based Devices Sales and Growth Rate (2019-2024) & (K Units)

Figure 57. UAE Gallium Nitride (GaN) Based Devices Sales and Growth Rate (2019-2024) & (K Units)

Figure 58. Egypt Gallium Nitride (GaN) Based Devices Sales and Growth Rate (2019-2024) & (K Units)

Figure 59. Nigeria Gallium Nitride (GaN) Based Devices Sales and Growth Rate (2019-2024) & (K Units)

Figure 60. South Africa Gallium Nitride (GaN) Based Devices Sales and Growth Rate (2019-2024) & (K Units)

Figure 61. Global Gallium Nitride (GaN) Based Devices Sales Forecast by Volume (2019-2030) & (K Units)

Figure 62. Global Gallium Nitride (GaN) Based Devices Market Size Forecast by Value (2019-2030) & (M USD)

Figure 63. Global Gallium Nitride (GaN) Based Devices Sales Market Share Forecast by Type (2025-2030)

Figure 64. Global Gallium Nitride (GaN) Based Devices Market Share Forecast by Type (2025-2030)



Figure 65. Global Gallium Nitride (GaN) Based Devices Sales Forecast by Application (2025-2030)

Figure 66. Global Gallium Nitride (GaN) Based Devices Market Share Forecast by Application (2025-2030)

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