

# Global Normally-off GaN HEMT Market Growth 2023-2029

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# **Abstracts**

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According to our (LP Info Research) latest study, the global Normally-off GaN HEMT market size was valued at US\$ million in 2022. With growing demand in downstream market and recovery from influence of COVID-19 and the Russia-Ukraine War, the Normally-off GaN HEMT is forecast to a readjusted size of US\$ million by 2029 with a CAGR of % during review period.

The research report highlights the growth potential of the global Normally-off GaN HEMT market. With recovery from influence of COVID-19 and the Russia-Ukraine War, Normally-off GaN HEMT are expected to show stable growth in the future market. However, product differentiation, reducing costs, and supply chain optimization remain crucial for the widespread adoption of Normally-off GaN HEMT. Market players need to invest in research and development, forge strategic partnerships, and align their offerings with evolving consumer preferences to capitalize on the immense opportunities presented by the Normally-off GaN HEMT market.

Normally-off GaN HEMT (High Electron Mobility Transistor) refers to a type of GaN transistor that is designed to operate in its off-state or non-conductive mode without the need for an external voltage bias. When no voltage is applied to the gate terminal of the transistor, it remains in the off-state, blocking the flow of current.

## Key Features:

The report on Normally-off GaN HEMT market reflects various aspects and provide valuable insights into the industry.



Market Size and Growth: The research report provide an overview of the current size and growth of the Normally-off GaN HEMT market. It may include historical data, market segmentation by Type (e.g., AlGaN/GaN HEMT, p-GaN Gate HEMT), and regional breakdowns.

Market Drivers and Challenges: The report can identify and analyse the factors driving the growth of the Normally-off GaN HEMT market, such as government regulations, environmental concerns, technological advancements, and changing consumer preferences. It can also highlight the challenges faced by the industry, including infrastructure limitations, range anxiety, and high upfront costs.

Competitive Landscape: The research report provides analysis of the competitive landscape within the Normally-off GaN HEMT market. It includes profiles of key players, their market share, strategies, and product offerings. The report can also highlight emerging players and their potential impact on the market.

Technological Developments: The research report can delve into the latest technological developments in the Normally-off GaN HEMT industry. This include advancements in Normally-off GaN HEMT technology, Normally-off GaN HEMT new entrants, Normally-off GaN HEMT new investment, and other innovations that are shaping the future of Normally-off GaN HEMT.

Downstream Procumbent Preference: The report can shed light on customer procumbent behaviour and adoption trends in the Normally-off GaN HEMT market. It includes factors influencing customer ' purchasing decisions, preferences for Normally-off GaN HEMT product.

Government Policies and Incentives: The research report analyse the impact of government policies and incentives on the Normally-off GaN HEMT market. This may include an assessment of regulatory frameworks, subsidies, tax incentives, and other measures aimed at promoting Normally-off GaN HEMT market. The report also evaluates the effectiveness of these policies in driving market growth.

Environmental Impact and Sustainability: The research report assess the environmental impact and sustainability aspects of the Normally-off GaN HEMT market.

Market Forecasts and Future Outlook: Based on the analysis conducted, the research report provide market forecasts and outlook for the Normally-off GaN HEMT industry.



This includes projections of market size, growth rates, regional trends, and predictions on technological advancements and policy developments.

Recommendations and Opportunities: The report conclude with recommendations for industry stakeholders, policymakers, and investors. It highlights potential opportunities for market players to capitalize on emerging trends, overcome challenges, and contribute to the growth and development of the Normally-off GaN HEMT market.

Market Segmentation:

Normally-off GaN HEMT market is split by Type and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Segmentation by type

AIGaN/GaN HEMT

p-GaN Gate HEMT

Hybrid Structure HEMT

Segmentation by application

Automotive

Aerospace and Defense

Renewable Energy

Industrial Automation

This report also splits the market by region:

**Americas** 

**United States** 



	Canada
	Mexico
	Brazil
APAC	
	China
	Japan
	Korea
	Southeast Asia
	India
	Australia
Europe	
	Germany
	France
	UK
	Italy
	Russia
Middle	East & Africa
	Egypt

South Africa



Israel

Turkey
GCC Countries
The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.
Efficient Power Conversion (EPC)
Panasonic Corporation
Fujitsu Limited
GaN Systems
Texas Instruments
Infineon Technologies
Microchip Technology Inc
United Silicon Carbide, Inc
Navitas Semiconductor
IQE plc
Transphorm Inc
Sumitomo Electric Industries
Qorvo, Inc
Wolfspeed



# MACOM Technology Solutions

Key Questions Addressed in this Report

What is the 10-year outlook for the global Normally-off GaN HEMT market?

What factors are driving Normally-off GaN HEMT market growth, globally and by region?

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

How do Normally-off GaN HEMT market opportunities vary by end market size?

How does Normally-off GaN HEMT break out type, application?

What are the influences of COVID-19 and Russia-Ukraine war?



# **Contents**

#### 1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

# **2 EXECUTIVE SUMMARY**

- 2.1 World Market Overview
  - 2.1.1 Global Normally-off GaN HEMT Annual Sales 2018-2029
- 2.1.2 World Current & Future Analysis for Normally-off GaN HEMT by Geographic Region, 2018, 2022 & 2029
- 2.1.3 World Current & Future Analysis for Normally-off GaN HEMT by Country/Region, 2018, 2022 & 2029
- 2.2 Normally-off GaN HEMT Segment by Type
  - 2.2.1 AIGaN/GaN HEMT
  - 2.2.2 p-GaN Gate HEMT
  - 2.2.3 Hybrid Structure HEMT
- 2.3 Normally-off GaN HEMT Sales by Type
- 2.3.1 Global Normally-off GaN HEMT Sales Market Share by Type (2018-2023)
- 2.3.2 Global Normally-off GaN HEMT Revenue and Market Share by Type (2018-2023)
  - 2.3.3 Global Normally-off GaN HEMT Sale Price by Type (2018-2023)
- 2.4 Normally-off GaN HEMT Segment by Application
  - 2.4.1 Automotive
  - 2.4.2 Aerospace and Defense
  - 2.4.3 Renewable Energy
  - 2.4.4 Industrial Automation
- 2.5 Normally-off GaN HEMT Sales by Application
- 2.5.1 Global Normally-off GaN HEMT Sale Market Share by Application (2018-2023)
- 2.5.2 Global Normally-off GaN HEMT Revenue and Market Share by Application (2018-2023)



# 2.5.3 Global Normally-off GaN HEMT Sale Price by Application (2018-2023)

## 3 GLOBAL NORMALLY-OFF GAN HEMT BY COMPANY

- 3.1 Global Normally-off GaN HEMT Breakdown Data by Company
- 3.1.1 Global Normally-off GaN HEMT Annual Sales by Company (2018-2023)
- 3.1.2 Global Normally-off GaN HEMT Sales Market Share by Company (2018-2023)
- 3.2 Global Normally-off GaN HEMT Annual Revenue by Company (2018-2023)
  - 3.2.1 Global Normally-off GaN HEMT Revenue by Company (2018-2023)
- 3.2.2 Global Normally-off GaN HEMT Revenue Market Share by Company (2018-2023)
- 3.3 Global Normally-off GaN HEMT Sale Price by Company
- 3.4 Key Manufacturers Normally-off GaN HEMT Producing Area Distribution, Sales Area, Product Type
- 3.4.1 Key Manufacturers Normally-off GaN HEMT Product Location Distribution
- 3.4.2 Players Normally-off GaN HEMT Products Offered
- 3.5 Market Concentration Rate Analysis
  - 3.5.1 Competition Landscape Analysis
  - 3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)
- 3.6 New Products and Potential Entrants
- 3.7 Mergers & Acquisitions, Expansion

# 4 WORLD HISTORIC REVIEW FOR NORMALLY-OFF GAN HEMT BY GEOGRAPHIC REGION

- 4.1 World Historic Normally-off GaN HEMT Market Size by Geographic Region (2018-2023)
- 4.1.1 Global Normally-off GaN HEMT Annual Sales by Geographic Region (2018-2023)
- 4.1.2 Global Normally-off GaN HEMT Annual Revenue by Geographic Region (2018-2023)
- 4.2 World Historic Normally-off GaN HEMT Market Size by Country/Region (2018-2023)
  - 4.2.1 Global Normally-off GaN HEMT Annual Sales by Country/Region (2018-2023)
- 4.2.2 Global Normally-off GaN HEMT Annual Revenue by Country/Region (2018-2023)
- 4.3 Americas Normally-off GaN HEMT Sales Growth
- 4.4 APAC Normally-off GaN HEMT Sales Growth
- 4.5 Europe Normally-off GaN HEMT Sales Growth
- 4.6 Middle East & Africa Normally-off GaN HEMT Sales Growth



#### **5 AMERICAS**

- 5.1 Americas Normally-off GaN HEMT Sales by Country
  - 5.1.1 Americas Normally-off GaN HEMT Sales by Country (2018-2023)
  - 5.1.2 Americas Normally-off GaN HEMT Revenue by Country (2018-2023)
- 5.2 Americas Normally-off GaN HEMT Sales by Type
- 5.3 Americas Normally-off GaN HEMT Sales by Application
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

#### 6 APAC

- 6.1 APAC Normally-off GaN HEMT Sales by Region
  - 6.1.1 APAC Normally-off GaN HEMT Sales by Region (2018-2023)
  - 6.1.2 APAC Normally-off GaN HEMT Revenue by Region (2018-2023)
- 6.2 APAC Normally-off GaN HEMT Sales by Type
- 6.3 APAC Normally-off GaN HEMT Sales by Application
- 6.4 China
- 6.5 Japan
- 6.6 South Korea
- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia
- 6.10 China Taiwan

# **7 EUROPE**

- 7.1 Europe Normally-off GaN HEMT by Country
  - 7.1.1 Europe Normally-off GaN HEMT Sales by Country (2018-2023)
  - 7.1.2 Europe Normally-off GaN HEMT Revenue by Country (2018-2023)
- 7.2 Europe Normally-off GaN HEMT Sales by Type
- 7.3 Europe Normally-off GaN HEMT Sales by Application
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy



# 7.8 Russia

## **8 MIDDLE EAST & AFRICA**

- 8.1 Middle East & Africa Normally-off GaN HEMT by Country
  - 8.1.1 Middle East & Africa Normally-off GaN HEMT Sales by Country (2018-2023)
  - 8.1.2 Middle East & Africa Normally-off GaN HEMT Revenue by Country (2018-2023)
- 8.2 Middle East & Africa Normally-off GaN HEMT Sales by Type
- 8.3 Middle East & Africa Normally-off GaN HEMT Sales by Application
- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel
- 8.7 Turkey
- 8.8 GCC Countries

# 9 MARKET DRIVERS, CHALLENGES AND TRENDS

- 9.1 Market Drivers & Growth Opportunities
- 9.2 Market Challenges & Risks
- 9.3 Industry Trends

# 10 MANUFACTURING COST STRUCTURE ANALYSIS

- 10.1 Raw Material and Suppliers
- 10.2 Manufacturing Cost Structure Analysis of Normally-off GaN HEMT
- 10.3 Manufacturing Process Analysis of Normally-off GaN HEMT
- 10.4 Industry Chain Structure of Normally-off GaN HEMT

# 11 MARKETING, DISTRIBUTORS AND CUSTOMER

- 11.1 Sales Channel
  - 11.1.1 Direct Channels
  - 11.1.2 Indirect Channels
- 11.2 Normally-off GaN HEMT Distributors
- 11.3 Normally-off GaN HEMT Customer

# 12 WORLD FORECAST REVIEW FOR NORMALLY-OFF GAN HEMT BY GEOGRAPHIC REGION



- 12.1 Global Normally-off GaN HEMT Market Size Forecast by Region
  - 12.1.1 Global Normally-off GaN HEMT Forecast by Region (2024-2029)
- 12.1.2 Global Normally-off GaN HEMT Annual Revenue Forecast by Region (2024-2029)
- 12.2 Americas Forecast by Country
- 12.3 APAC Forecast by Region
- 12.4 Europe Forecast by Country
- 12.5 Middle East & Africa Forecast by Country
- 12.6 Global Normally-off GaN HEMT Forecast by Type
- 12.7 Global Normally-off GaN HEMT Forecast by Application

#### 13 KEY PLAYERS ANALYSIS

- 13.1 Efficient Power Conversion (EPC)
- 13.1.1 Efficient Power Conversion (EPC) Company Information
- 13.1.2 Efficient Power Conversion (EPC) Normally-off GaN HEMT Product Portfolios and Specifications
- 13.1.3 Efficient Power Conversion (EPC) Normally-off GaN HEMT Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.1.4 Efficient Power Conversion (EPC) Main Business Overview
  - 13.1.5 Efficient Power Conversion (EPC) Latest Developments
- 13.2 Panasonic Corporation
  - 13.2.1 Panasonic Corporation Company Information
- 13.2.2 Panasonic Corporation Normally-off GaN HEMT Product Portfolios and Specifications
- 13.2.3 Panasonic Corporation Normally-off GaN HEMT Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.2.4 Panasonic Corporation Main Business Overview
  - 13.2.5 Panasonic Corporation Latest Developments
- 13.3 Fujitsu Limited
  - 13.3.1 Fujitsu Limited Company Information
  - 13.3.2 Fujitsu Limited Normally-off GaN HEMT Product Portfolios and Specifications
- 13.3.3 Fujitsu Limited Normally-off GaN HEMT Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.3.4 Fujitsu Limited Main Business Overview
  - 13.3.5 Fujitsu Limited Latest Developments
- 13.4 GaN Systems
- 13.4.1 GaN Systems Company Information
- 13.4.2 GaN Systems Normally-off GaN HEMT Product Portfolios and Specifications



- 13.4.3 GaN Systems Normally-off GaN HEMT Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.4.4 GaN Systems Main Business Overview
  - 13.4.5 GaN Systems Latest Developments
- 13.5 Texas Instruments
  - 13.5.1 Texas Instruments Company Information
- 13.5.2 Texas Instruments Normally-off GaN HEMT Product Portfolios and Specifications
- 13.5.3 Texas Instruments Normally-off GaN HEMT Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.5.4 Texas Instruments Main Business Overview
  - 13.5.5 Texas Instruments Latest Developments
- 13.6 Infineon Technologies
  - 13.6.1 Infineon Technologies Company Information
- 13.6.2 Infineon Technologies Normally-off GaN HEMT Product Portfolios and Specifications
- 13.6.3 Infineon Technologies Normally-off GaN HEMT Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.6.4 Infineon Technologies Main Business Overview
  - 13.6.5 Infineon Technologies Latest Developments
- 13.7 Microchip Technology Inc
  - 13.7.1 Microchip Technology Inc Company Information
- 13.7.2 Microchip Technology Inc Normally-off GaN HEMT Product Portfolios and Specifications
- 13.7.3 Microchip Technology Inc Normally-off GaN HEMT Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.7.4 Microchip Technology Inc Main Business Overview
  - 13.7.5 Microchip Technology Inc Latest Developments
- 13.8 United Silicon Carbide, Inc.
  - 13.8.1 United Silicon Carbide, Inc Company Information
- 13.8.2 United Silicon Carbide, Inc Normally-off GaN HEMT Product Portfolios and Specifications
- 13.8.3 United Silicon Carbide, Inc Normally-off GaN HEMT Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.8.4 United Silicon Carbide, Inc Main Business Overview
  - 13.8.5 United Silicon Carbide, Inc Latest Developments
- 13.9 Navitas Semiconductor
  - 13.9.1 Navitas Semiconductor Company Information
  - 13.9.2 Navitas Semiconductor Normally-off GaN HEMT Product Portfolios and



# Specifications

- 13.9.3 Navitas Semiconductor Normally-off GaN HEMT Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.9.4 Navitas Semiconductor Main Business Overview
  - 13.9.5 Navitas Semiconductor Latest Developments
- 13.10 IQE plc
  - 13.10.1 IQE plc Company Information
  - 13.10.2 IQE plc Normally-off GaN HEMT Product Portfolios and Specifications
- 13.10.3 IQE plc Normally-off GaN HEMT Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.10.4 IQE plc Main Business Overview
  - 13.10.5 IQE plc Latest Developments
- 13.11 Transphorm Inc
  - 13.11.1 Transphorm Inc Company Information
  - 13.11.2 Transphorm Inc Normally-off GaN HEMT Product Portfolios and Specifications
- 13.11.3 Transphorm Inc Normally-off GaN HEMT Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.11.4 Transphorm Inc Main Business Overview
  - 13.11.5 Transphorm Inc Latest Developments
- 13.12 Sumitomo Electric Industries
  - 13.12.1 Sumitomo Electric Industries Company Information
- 13.12.2 Sumitomo Electric Industries Normally-off GaN HEMT Product Portfolios and Specifications
- 13.12.3 Sumitomo Electric Industries Normally-off GaN HEMT Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.12.4 Sumitomo Electric Industries Main Business Overview
  - 13.12.5 Sumitomo Electric Industries Latest Developments
- 13.13 Qorvo, Inc
  - 13.13.1 Qorvo, Inc Company Information
  - 13.13.2 Qorvo, Inc Normally-off GaN HEMT Product Portfolios and Specifications
- 13.13.3 Qorvo, Inc Normally-off GaN HEMT Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.13.4 Qorvo, Inc Main Business Overview
  - 13.13.5 Qorvo, Inc Latest Developments
- 13.14 Wolfspeed
  - 13.14.1 Wolfspeed Company Information
  - 13.14.2 Wolfspeed Normally-off GaN HEMT Product Portfolios and Specifications
- 13.14.3 Wolfspeed Normally-off GaN HEMT Sales, Revenue, Price and Gross Margin (2018-2023)



- 13.14.4 Wolfspeed Main Business Overview
- 13.14.5 Wolfspeed Latest Developments
- 13.15 MACOM Technology Solutions
  - 13.15.1 MACOM Technology Solutions Company Information
- 13.15.2 MACOM Technology Solutions Normally-off GaN HEMT Product Portfolios and Specifications
- 13.15.3 MACOM Technology Solutions Normally-off GaN HEMT Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.15.4 MACOM Technology Solutions Main Business Overview
- 13.15.5 MACOM Technology Solutions Latest Developments

## 14 RESEARCH FINDINGS AND CONCLUSION



# **List Of Tables**

## LIST OF TABLES

- Table 1. Normally-off GaN HEMT Annual Sales CAGR by Geographic Region (2018, 2022 & 2029) & (\$ millions)
- Table 2. Normally-off GaN HEMT Annual Sales CAGR by Country/Region (2018, 2022 & 2029) & (\$ millions)
- Table 3. Major Players of AlGaN/GaN HEMT
- Table 4. Major Players of p-GaN Gate HEMT
- Table 5. Major Players of Hybrid Structure HEMT
- Table 6. Global Normally-off GaN HEMT Sales by Type (2018-2023) & (K Units)
- Table 7. Global Normally-off GaN HEMT Sales Market Share by Type (2018-2023)
- Table 8. Global Normally-off GaN HEMT Revenue by Type (2018-2023) & (\$ million)
- Table 9. Global Normally-off GaN HEMT Revenue Market Share by Type (2018-2023)
- Table 10. Global Normally-off GaN HEMT Sale Price by Type (2018-2023) & (US\$/Unit)
- Table 11. Global Normally-off GaN HEMT Sales by Application (2018-2023) & (K Units)
- Table 12. Global Normally-off GaN HEMT Sales Market Share by Application (2018-2023)
- Table 13. Global Normally-off GaN HEMT Revenue by Application (2018-2023)
- Table 14. Global Normally-off GaN HEMT Revenue Market Share by Application (2018-2023)
- Table 15. Global Normally-off GaN HEMT Sale Price by Application (2018-2023) & (US\$/Unit)
- Table 16. Global Normally-off GaN HEMT Sales by Company (2018-2023) & (K Units)
- Table 17. Global Normally-off GaN HEMT Sales Market Share by Company (2018-2023)
- Table 18. Global Normally-off GaN HEMT Revenue by Company (2018-2023) (\$ Millions)
- Table 19. Global Normally-off GaN HEMT Revenue Market Share by Company (2018-2023)
- Table 20. Global Normally-off GaN HEMT Sale Price by Company (2018-2023) & (US\$/Unit)
- Table 21. Key Manufacturers Normally-off GaN HEMT Producing Area Distribution and Sales Area
- Table 22. Players Normally-off GaN HEMT Products Offered
- Table 23. Normally-off GaN HEMT Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)
- Table 24. New Products and Potential Entrants



- Table 25. Mergers & Acquisitions, Expansion
- Table 26. Global Normally-off GaN HEMT Sales by Geographic Region (2018-2023) & (K Units)
- Table 27. Global Normally-off GaN HEMT Sales Market Share Geographic Region (2018-2023)
- Table 28. Global Normally-off GaN HEMT Revenue by Geographic Region (2018-2023) & (\$ millions)
- Table 29. Global Normally-off GaN HEMT Revenue Market Share by Geographic Region (2018-2023)
- Table 30. Global Normally-off GaN HEMT Sales by Country/Region (2018-2023) & (K Units)
- Table 31. Global Normally-off GaN HEMT Sales Market Share by Country/Region (2018-2023)
- Table 32. Global Normally-off GaN HEMT Revenue by Country/Region (2018-2023) & (\$ millions)
- Table 33. Global Normally-off GaN HEMT Revenue Market Share by Country/Region (2018-2023)
- Table 34. Americas Normally-off GaN HEMT Sales by Country (2018-2023) & (K Units)
- Table 35. Americas Normally-off GaN HEMT Sales Market Share by Country (2018-2023)
- Table 36. Americas Normally-off GaN HEMT Revenue by Country (2018-2023) & (\$ Millions)
- Table 37. Americas Normally-off GaN HEMT Revenue Market Share by Country (2018-2023)
- Table 38. Americas Normally-off GaN HEMT Sales by Type (2018-2023) & (K Units)
- Table 39. Americas Normally-off GaN HEMT Sales by Application (2018-2023) & (K Units)
- Table 40. APAC Normally-off GaN HEMT Sales by Region (2018-2023) & (K Units)
- Table 41. APAC Normally-off GaN HEMT Sales Market Share by Region (2018-2023)
- Table 42. APAC Normally-off GaN HEMT Revenue by Region (2018-2023) & (\$ Millions)
- Table 43. APAC Normally-off GaN HEMT Revenue Market Share by Region (2018-2023)
- Table 44. APAC Normally-off GaN HEMT Sales by Type (2018-2023) & (K Units)
- Table 45. APAC Normally-off GaN HEMT Sales by Application (2018-2023) & (K Units)
- Table 46. Europe Normally-off GaN HEMT Sales by Country (2018-2023) & (K Units)
- Table 47. Europe Normally-off GaN HEMT Sales Market Share by Country (2018-2023)
- Table 48. Europe Normally-off GaN HEMT Revenue by Country (2018-2023) & (\$ Millions)



- Table 49. Europe Normally-off GaN HEMT Revenue Market Share by Country (2018-2023)
- Table 50. Europe Normally-off GaN HEMT Sales by Type (2018-2023) & (K Units)
- Table 51. Europe Normally-off GaN HEMT Sales by Application (2018-2023) & (K Units)
- Table 52. Middle East & Africa Normally-off GaN HEMT Sales by Country (2018-2023) & (K Units)
- Table 53. Middle East & Africa Normally-off GaN HEMT Sales Market Share by Country (2018-2023)
- Table 54. Middle East & Africa Normally-off GaN HEMT Revenue by Country (2018-2023) & (\$ Millions)
- Table 55. Middle East & Africa Normally-off GaN HEMT Revenue Market Share by Country (2018-2023)
- Table 56. Middle East & Africa Normally-off GaN HEMT Sales by Type (2018-2023) & (K Units)
- Table 57. Middle East & Africa Normally-off GaN HEMT Sales by Application (2018-2023) & (K Units)
- Table 58. Key Market Drivers & Growth Opportunities of Normally-off GaN HEMT
- Table 59. Key Market Challenges & Risks of Normally-off GaN HEMT
- Table 60. Key Industry Trends of Normally-off GaN HEMT
- Table 61. Normally-off GaN HEMT Raw Material
- Table 62. Key Suppliers of Raw Materials
- Table 63. Normally-off GaN HEMT Distributors List
- Table 64. Normally-off GaN HEMT Customer List
- Table 65. Global Normally-off GaN HEMT Sales Forecast by Region (2024-2029) & (K Units)
- Table 66. Global Normally-off GaN HEMT Revenue Forecast by Region (2024-2029) & (\$ millions)
- Table 67. Americas Normally-off GaN HEMT Sales Forecast by Country (2024-2029) & (K Units)
- Table 68. Americas Normally-off GaN HEMT Revenue Forecast by Country (2024-2029) & (\$ millions)
- Table 69. APAC Normally-off GaN HEMT Sales Forecast by Region (2024-2029) & (K Units)
- Table 70. APAC Normally-off GaN HEMT Revenue Forecast by Region (2024-2029) & (\$ millions)
- Table 71. Europe Normally-off GaN HEMT Sales Forecast by Country (2024-2029) & (K Units)
- Table 72. Europe Normally-off GaN HEMT Revenue Forecast by Country (2024-2029) & (\$ millions)



Table 73. Middle East & Africa Normally-off GaN HEMT Sales Forecast by Country (2024-2029) & (K Units)

Table 74. Middle East & Africa Normally-off GaN HEMT Revenue Forecast by Country (2024-2029) & (\$ millions)

Table 75. Global Normally-off GaN HEMT Sales Forecast by Type (2024-2029) & (K Units)

Table 76. Global Normally-off GaN HEMT Revenue Forecast by Type (2024-2029) & (\$ Millions)

Table 77. Global Normally-off GaN HEMT Sales Forecast by Application (2024-2029) & (K Units)

Table 78. Global Normally-off GaN HEMT Revenue Forecast by Application (2024-2029) & (\$ Millions)

Table 79. Efficient Power Conversion (EPC) Basic Information, Normally-off GaN HEMT Manufacturing Base, Sales Area and Its Competitors

Table 80. Efficient Power Conversion (EPC) Normally-off GaN HEMT Product Portfolios and Specifications

Table 81. Efficient Power Conversion (EPC) Normally-off GaN HEMT Sales (K Units),

Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 82. Efficient Power Conversion (EPC) Main Business

Table 83. Efficient Power Conversion (EPC) Latest Developments

Table 84. Panasonic Corporation Basic Information, Normally-off GaN HEMT

Manufacturing Base, Sales Area and Its Competitors

Table 85. Panasonic Corporation Normally-off GaN HEMT Product Portfolios and Specifications

Table 86. Panasonic Corporation Normally-off GaN HEMT Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 87. Panasonic Corporation Main Business

Table 88. Panasonic Corporation Latest Developments

Table 89. Fujitsu Limited Basic Information, Normally-off GaN HEMT Manufacturing

Base, Sales Area and Its Competitors

Table 90. Fujitsu Limited Normally-off GaN HEMT Product Portfolios and Specifications

Table 91. Fujitsu Limited Normally-off GaN HEMT Sales (K Units), Revenue (\$ Million),

Price (US\$/Unit) and Gross Margin (2018-2023)

Table 92. Fujitsu Limited Main Business

Table 93. Fujitsu Limited Latest Developments

Table 94. GaN Systems Basic Information, Normally-off GaN HEMT Manufacturing

Base, Sales Area and Its Competitors

Table 95. GaN Systems Normally-off GaN HEMT Product Portfolios and Specifications

Table 96. GaN Systems Normally-off GaN HEMT Sales (K Units), Revenue (\$ Million),



Price (US\$/Unit) and Gross Margin (2018-2023)

Table 97. GaN Systems Main Business

Table 98. GaN Systems Latest Developments

Table 99. Texas Instruments Basic Information, Normally-off GaN HEMT Manufacturing

Base, Sales Area and Its Competitors

Table 100. Texas Instruments Normally-off GaN HEMT Product Portfolios and Specifications

Table 101. Texas Instruments Normally-off GaN HEMT Sales (K Units), Revenue (\$

Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 102. Texas Instruments Main Business

Table 103. Texas Instruments Latest Developments

Table 104. Infineon Technologies Basic Information, Normally-off GaN HEMT

Manufacturing Base, Sales Area and Its Competitors

Table 105. Infineon Technologies Normally-off GaN HEMT Product Portfolios and Specifications

Table 106. Infineon Technologies Normally-off GaN HEMT Sales (K Units), Revenue (\$

Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 107. Infineon Technologies Main Business

Table 108. Infineon Technologies Latest Developments

Table 109. Microchip Technology Inc Basic Information, Normally-off GaN HEMT

Manufacturing Base, Sales Area and Its Competitors

Table 110. Microchip Technology Inc Normally-off GaN HEMT Product Portfolios and Specifications

Table 111. Microchip Technology Inc Normally-off GaN HEMT Sales (K Units), Revenue

(\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 112. Microchip Technology Inc Main Business

Table 113. Microchip Technology Inc Latest Developments

Table 114. United Silicon Carbide, Inc Basic Information, Normally-off GaN HEMT

Manufacturing Base, Sales Area and Its Competitors

Table 115. United Silicon Carbide, Inc Normally-off GaN HEMT Product Portfolios and Specifications

Table 116. United Silicon Carbide, Inc Normally-off GaN HEMT Sales (K Units),

Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 117. United Silicon Carbide, Inc Main Business

Table 118. United Silicon Carbide, Inc Latest Developments

Table 119. Navitas Semiconductor Basic Information, Normally-off GaN HEMT

Manufacturing Base, Sales Area and Its Competitors

Table 120. Navitas Semiconductor Normally-off GaN HEMT Product Portfolios and Specifications



Table 121. Navitas Semiconductor Normally-off GaN HEMT Sales (K Units), Revenue

(\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 122. Navitas Semiconductor Main Business

Table 123. Navitas Semiconductor Latest Developments

Table 124. IQE plc Basic Information, Normally-off GaN HEMT Manufacturing Base,

Sales Area and Its Competitors

Table 125. IQE plc Normally-off GaN HEMT Product Portfolios and Specifications

Table 126. IQE plc Normally-off GaN HEMT Sales (K Units), Revenue (\$ Million), Price

(US\$/Unit) and Gross Margin (2018-2023)

Table 127. IQE plc Main Business

Table 128. IQE plc Latest Developments

Table 129. Transphorm Inc Basic Information, Normally-off GaN HEMT Manufacturing

Base, Sales Area and Its Competitors

Table 130. Transphorm Inc Normally-off GaN HEMT Product Portfolios and

**Specifications** 

Table 131. Transphorm Inc Normally-off GaN HEMT Sales (K Units), Revenue (\$

Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 132. Transphorm Inc Main Business

Table 133. Transphorm Inc Latest Developments

Table 134. Sumitomo Electric Industries Basic Information, Normally-off GaN HEMT

Manufacturing Base, Sales Area and Its Competitors

Table 135. Sumitomo Electric Industries Normally-off GaN HEMT Product Portfolios and

**Specifications** 

Table 136. Sumitomo Electric Industries Normally-off GaN HEMT Sales (K Units),

Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 137. Sumitomo Electric Industries Main Business

Table 138. Sumitomo Electric Industries Latest Developments

Table 139. Qorvo, Inc Basic Information, Normally-off GaN HEMT Manufacturing Base,

Sales Area and Its Competitors

Table 140. Qorvo, Inc Normally-off GaN HEMT Product Portfolios and Specifications

Table 141. Qorvo, Inc Normally-off GaN HEMT Sales (K Units), Revenue (\$ Million),

Price (US\$/Unit) and Gross Margin (2018-2023)

Table 142. Qorvo, Inc Main Business

Table 143. Qorvo, Inc Latest Developments

Table 144. Wolfspeed Basic Information, Normally-off GaN HEMT Manufacturing Base,

Sales Area and Its Competitors

Table 145. Wolfspeed Normally-off GaN HEMT Product Portfolios and Specifications

Table 146. Wolfspeed Normally-off GaN HEMT Sales (K Units), Revenue (\$ Million),

Price (US\$/Unit) and Gross Margin (2018-2023)



Table 147. Wolfspeed Main Business

Table 148. Wolfspeed Latest Developments

Table 149. MACOM Technology Solutions Basic Information, Normally-off GaN HEMT Manufacturing Base, Sales Area and Its Competitors

Table 150. MACOM Technology Solutions Normally-off GaN HEMT Product Portfolios and Specifications

Table 151. MACOM Technology Solutions Normally-off GaN HEMT Sales (K Units),

Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 152. MACOM Technology Solutions Main Business

Table 153. MACOM Technology Solutions Latest Developments



# **List Of Figures**

# **LIST OF FIGURES**

- Figure 1. Picture of Normally-off GaN HEMT
- Figure 2. Normally-off GaN HEMT Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Normally-off GaN HEMT Sales Growth Rate 2018-2029 (K Units)
- Figure 7. Global Normally-off GaN HEMT Revenue Growth Rate 2018-2029 (\$ Millions)
- Figure 8. Normally-off GaN HEMT Sales by Region (2018, 2022 & 2029) & (\$ Millions)
- Figure 9. Product Picture of AlGaN/GaN HEMT
- Figure 10. Product Picture of p-GaN Gate HEMT
- Figure 11. Product Picture of Hybrid Structure HEMT
- Figure 12. Global Normally-off GaN HEMT Sales Market Share by Type in 2022
- Figure 13. Global Normally-off GaN HEMT Revenue Market Share by Type (2018-2023)
- Figure 14. Normally-off GaN HEMT Consumed in Automotive
- Figure 15. Global Normally-off GaN HEMT Market: Automotive (2018-2023) & (K Units)
- Figure 16. Normally-off GaN HEMT Consumed in Aerospace and Defense
- Figure 17. Global Normally-off GaN HEMT Market: Aerospace and Defense (2018-2023) & (K Units)
- Figure 18. Normally-off GaN HEMT Consumed in Renewable Energy
- Figure 19. Global Normally-off GaN HEMT Market: Renewable Energy (2018-2023) & (K Units)
- Figure 20. Normally-off GaN HEMT Consumed in Industrial Automation
- Figure 21. Global Normally-off GaN HEMT Market: Industrial Automation (2018-2023) & (K Units)
- Figure 22. Global Normally-off GaN HEMT Sales Market Share by Application (2022)
- Figure 23. Global Normally-off GaN HEMT Revenue Market Share by Application in 2022
- Figure 24. Normally-off GaN HEMT Sales Market by Company in 2022 (K Units)
- Figure 25. Global Normally-off GaN HEMT Sales Market Share by Company in 2022
- Figure 26. Normally-off GaN HEMT Revenue Market by Company in 2022 (\$ Million)
- Figure 27. Global Normally-off GaN HEMT Revenue Market Share by Company in 2022
- Figure 28. Global Normally-off GaN HEMT Sales Market Share by Geographic Region (2018-2023)
- Figure 29. Global Normally-off GaN HEMT Revenue Market Share by Geographic Region in 2022



- Figure 30. Americas Normally-off GaN HEMT Sales 2018-2023 (K Units)
- Figure 31. Americas Normally-off GaN HEMT Revenue 2018-2023 (\$ Millions)
- Figure 32. APAC Normally-off GaN HEMT Sales 2018-2023 (K Units)
- Figure 33. APAC Normally-off GaN HEMT Revenue 2018-2023 (\$ Millions)
- Figure 34. Europe Normally-off GaN HEMT Sales 2018-2023 (K Units)
- Figure 35. Europe Normally-off GaN HEMT Revenue 2018-2023 (\$ Millions)
- Figure 36. Middle East & Africa Normally-off GaN HEMT Sales 2018-2023 (K Units)
- Figure 37. Middle East & Africa Normally-off GaN HEMT Revenue 2018-2023 (\$ Millions)
- Figure 38. Americas Normally-off GaN HEMT Sales Market Share by Country in 2022
- Figure 39. Americas Normally-off GaN HEMT Revenue Market Share by Country in 2022
- Figure 40. Americas Normally-off GaN HEMT Sales Market Share by Type (2018-2023)
- Figure 41. Americas Normally-off GaN HEMT Sales Market Share by Application (2018-2023)
- Figure 42. United States Normally-off GaN HEMT Revenue Growth 2018-2023 (\$ Millions)
- Figure 43. Canada Normally-off GaN HEMT Revenue Growth 2018-2023 (\$ Millions)
- Figure 44. Mexico Normally-off GaN HEMT Revenue Growth 2018-2023 (\$ Millions)
- Figure 45. Brazil Normally-off GaN HEMT Revenue Growth 2018-2023 (\$ Millions)
- Figure 46. APAC Normally-off GaN HEMT Sales Market Share by Region in 2022
- Figure 47. APAC Normally-off GaN HEMT Revenue Market Share by Regions in 2022
- Figure 48. APAC Normally-off GaN HEMT Sales Market Share by Type (2018-2023)
- Figure 49. APAC Normally-off GaN HEMT Sales Market Share by Application (2018-2023)
- Figure 50. China Normally-off GaN HEMT Revenue Growth 2018-2023 (\$ Millions)
- Figure 51. Japan Normally-off GaN HEMT Revenue Growth 2018-2023 (\$ Millions)
- Figure 52. South Korea Normally-off GaN HEMT Revenue Growth 2018-2023 (\$ Millions)
- Figure 53. Southeast Asia Normally-off GaN HEMT Revenue Growth 2018-2023 (\$ Millions)
- Figure 54. India Normally-off GaN HEMT Revenue Growth 2018-2023 (\$ Millions)
- Figure 55. Australia Normally-off GaN HEMT Revenue Growth 2018-2023 (\$ Millions)
- Figure 56. China Taiwan Normally-off GaN HEMT Revenue Growth 2018-2023 (\$ Millions)
- Figure 57. Europe Normally-off GaN HEMT Sales Market Share by Country in 2022
- Figure 58. Europe Normally-off GaN HEMT Revenue Market Share by Country in 2022
- Figure 59. Europe Normally-off GaN HEMT Sales Market Share by Type (2018-2023)
- Figure 60. Europe Normally-off GaN HEMT Sales Market Share by Application



# (2018-2023)

- Figure 61. Germany Normally-off GaN HEMT Revenue Growth 2018-2023 (\$ Millions)
- Figure 62. France Normally-off GaN HEMT Revenue Growth 2018-2023 (\$ Millions)
- Figure 63. UK Normally-off GaN HEMT Revenue Growth 2018-2023 (\$ Millions)
- Figure 64. Italy Normally-off GaN HEMT Revenue Growth 2018-2023 (\$ Millions)
- Figure 65. Russia Normally-off GaN HEMT Revenue Growth 2018-2023 (\$ Millions)
- Figure 66. Middle East & Africa Normally-off GaN HEMT Sales Market Share by Country in 2022
- Figure 67. Middle East & Africa Normally-off GaN HEMT Revenue Market Share by Country in 2022
- Figure 68. Middle East & Africa Normally-off GaN HEMT Sales Market Share by Type (2018-2023)
- Figure 69. Middle East & Africa Normally-off GaN HEMT Sales Market Share by Application (2018-2023)
- Figure 70. Egypt Normally-off GaN HEMT Revenue Growth 2018-2023 (\$ Millions)
- Figure 71. South Africa Normally-off GaN HEMT Revenue Growth 2018-2023 (\$ Millions)
- Figure 72. Israel Normally-off GaN HEMT Revenue Growth 2018-2023 (\$ Millions)
- Figure 73. Turkey Normally-off GaN HEMT Revenue Growth 2018-2023 (\$ Millions)
- Figure 74. GCC Country Normally-off GaN HEMT Revenue Growth 2018-2023 (\$ Millions)
- Figure 75. Manufacturing Cost Structure Analysis of Normally-off GaN HEMT in 2022
- Figure 76. Manufacturing Process Analysis of Normally-off GaN HEMT
- Figure 77. Industry Chain Structure of Normally-off GaN HEMT
- Figure 78. Channels of Distribution
- Figure 79. Global Normally-off GaN HEMT Sales Market Forecast by Region (2024-2029)
- Figure 80. Global Normally-off GaN HEMT Revenue Market Share Forecast by Region (2024-2029)
- Figure 81. Global Normally-off GaN HEMT Sales Market Share Forecast by Type (2024-2029)
- Figure 82. Global Normally-off GaN HEMT Revenue Market Share Forecast by Type (2024-2029)
- Figure 83. Global Normally-off GaN HEMT Sales Market Share Forecast by Application (2024-2029)
- Figure 84. Global Normally-off GaN HEMT Revenue Market Share Forecast by Application (2024-2029)



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