

Global Depletion-Mode GaN HEMT Market Growth 2023-2029

<https://marketpublishers.com/r/G302B6EA1E4BEN.html>

Date: August 2023

Pages: 109

Price: US\$ 3,660.00 (Single User License)

ID: G302B6EA1E4BEN

Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

According to our (LP Info Research) latest study, the global Depletion-Mode 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 Depletion-Mode 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 Depletion-Mode GaN HEMT market. With recovery from influence of COVID-19 and the Russia-Ukraine War, Depletion-Mode 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 Depletion-Mode 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 Depletion-Mode GaN HEMT market.

Depletion-Mode GaN HEMT (High Electron Mobility Transistor) is a type of GaN transistor that operates in the depletion-mode, which means it is normally OFF and needs a negative voltage bias to turn ON the channel and allow current flow. In contrast to the normally-on (enhancement-mode) GaN HEMTs, which are naturally conducting without any gate bias, depletion-mode GaN HEMTs require a gate voltage to control the conductive channel. By applying a negative voltage to the gate electrode, the depletion-mode GaN HEMT creates a depletion region within the transistor channel, inhibiting current flow.

Key Features:

The report on Depletion-Mode 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 Depletion-Mode GaN HEMT market. It may include historical data, market segmentation by Type (e.g., Single-gate HEMTs, Dual-gate HEMTs), and regional breakdowns.

Market Drivers and Challenges: The report can identify and analyse the factors driving the growth of the Depletion-Mode 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 Depletion-Mode 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 Depletion-Mode GaN HEMT industry. This include advancements in Depletion-Mode GaN HEMT technology, Depletion-Mode GaN HEMT new entrants, Depletion-Mode GaN HEMT new investment, and other innovations that are shaping the future of Depletion-Mode GaN HEMT.

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

Government Policies and Incentives: The research report analyse the impact of government policies and incentives on the Depletion-Mode GaN HEMT market. This may include an assessment of regulatory frameworks, subsidies, tax incentives, and other measures aimed at promoting Depletion-Mode 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 Depletion-Mode GaN HEMT market.

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

Market Segmentation:

Depletion-Mode 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

Single-gate HEMTs

Dual-gate HEMTs

Multi-gate HEMTs

Others

Segmentation by application

Automotive

Renewable Energy

Telecommunications

Aerospace and Defense

Others

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.

Infineon Technologies AG

Panasonic Corporation

Navitas Semiconductor

Efficient Power Conversion (EPC)

Texas Instruments Inc

Microchip Technology Inc

Mitsubishi Electric Corporation

Qorvo Inc

Sumitomo Electric Industries

GaN Systems Inc

Wolfspeed

Transphorm Inc

MACOM Technology Solutions

Soitec Belgian NV

Key Questions Addressed in this Report

What is the 10-year outlook for the global Depletion-Mode GaN HEMT market?

What factors are driving Depletion-Mode GaN HEMT market growth, globally and by region?

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

How do Depletion-Mode GaN HEMT market opportunities vary by end market size?

How does Depletion-Mode 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 Depletion-Mode GaN HEMT Annual Sales 2018-2029
- 2.1.2 World Current & Future Analysis for Depletion-Mode GaN HEMT by Geographic Region, 2018, 2022 & 2029
- 2.1.3 World Current & Future Analysis for Depletion-Mode GaN HEMT by Country/Region, 2018, 2022 & 2029

2.2 Depletion-Mode GaN HEMT Segment by Type

- 2.2.1 Single-gate HEMTs
- 2.2.2 Dual-gate HEMTs
- 2.2.3 Multi-gate HEMTs
- 2.2.4 Others

2.3 Depletion-Mode GaN HEMT Sales by Type

- 2.3.1 Global Depletion-Mode GaN HEMT Sales Market Share by Type (2018-2023)
- 2.3.2 Global Depletion-Mode GaN HEMT Revenue and Market Share by Type (2018-2023)
- 2.3.3 Global Depletion-Mode GaN HEMT Sale Price by Type (2018-2023)

2.4 Depletion-Mode GaN HEMT Segment by Application

- 2.4.1 Automotive
- 2.4.2 Renewable Energy
- 2.4.3 Telecommunications
- 2.4.4 Aerospace and Defense
- 2.4.5 Others

2.5 Depletion-Mode GaN HEMT Sales by Application

- 2.5.1 Global Depletion-Mode GaN HEMT Sale Market Share by Application

(2018-2023)

2.5.2 Global Depletion-Mode GaN HEMT Revenue and Market Share by Application

(2018-2023)

2.5.3 Global Depletion-Mode GaN HEMT Sale Price by Application (2018-2023)

3 GLOBAL DEPLETION-MODE GAN HEMT BY COMPANY

3.1 Global Depletion-Mode GaN HEMT Breakdown Data by Company

3.1.1 Global Depletion-Mode GaN HEMT Annual Sales by Company (2018-2023)

3.1.2 Global Depletion-Mode GaN HEMT Sales Market Share by Company

(2018-2023)

3.2 Global Depletion-Mode GaN HEMT Annual Revenue by Company (2018-2023)

3.2.1 Global Depletion-Mode GaN HEMT Revenue by Company (2018-2023)

3.2.2 Global Depletion-Mode GaN HEMT Revenue Market Share by Company

(2018-2023)

3.3 Global Depletion-Mode GaN HEMT Sale Price by Company

3.4 Key Manufacturers Depletion-Mode GaN HEMT Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Depletion-Mode GaN HEMT Product Location Distribution

3.4.2 Players Depletion-Mode 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 DEPLETION-MODE GAN HEMT BY GEOGRAPHIC REGION

4.1 World Historic Depletion-Mode GaN HEMT Market Size by Geographic Region (2018-2023)

4.1.1 Global Depletion-Mode GaN HEMT Annual Sales by Geographic Region

(2018-2023)

4.1.2 Global Depletion-Mode GaN HEMT Annual Revenue by Geographic Region

(2018-2023)

4.2 World Historic Depletion-Mode GaN HEMT Market Size by Country/Region (2018-2023)

4.2.1 Global Depletion-Mode GaN HEMT Annual Sales by Country/Region

(2018-2023)

4.2.2 Global Depletion-Mode GaN HEMT Annual Revenue by Country/Region (2018-2023)

4.3 Americas Depletion-Mode GaN HEMT Sales Growth

4.4 APAC Depletion-Mode GaN HEMT Sales Growth

4.5 Europe Depletion-Mode GaN HEMT Sales Growth

4.6 Middle East & Africa Depletion-Mode GaN HEMT Sales Growth

5 AMERICAS

5.1 Americas Depletion-Mode GaN HEMT Sales by Country

5.1.1 Americas Depletion-Mode GaN HEMT Sales by Country (2018-2023)

5.1.2 Americas Depletion-Mode GaN HEMT Revenue by Country (2018-2023)

5.2 Americas Depletion-Mode GaN HEMT Sales by Type

5.3 Americas Depletion-Mode GaN HEMT Sales by Application

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Depletion-Mode GaN HEMT Sales by Region

6.1.1 APAC Depletion-Mode GaN HEMT Sales by Region (2018-2023)

6.1.2 APAC Depletion-Mode GaN HEMT Revenue by Region (2018-2023)

6.2 APAC Depletion-Mode GaN HEMT Sales by Type

6.3 APAC Depletion-Mode 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 Depletion-Mode GaN HEMT by Country

7.1.1 Europe Depletion-Mode GaN HEMT Sales by Country (2018-2023)

7.1.2 Europe Depletion-Mode GaN HEMT Revenue by Country (2018-2023)

- 7.2 Europe Depletion-Mode GaN HEMT Sales by Type
- 7.3 Europe Depletion-Mode 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 Depletion-Mode GaN HEMT by Country
 - 8.1.1 Middle East & Africa Depletion-Mode GaN HEMT Sales by Country (2018-2023)
 - 8.1.2 Middle East & Africa Depletion-Mode GaN HEMT Revenue by Country (2018-2023)
- 8.2 Middle East & Africa Depletion-Mode GaN HEMT Sales by Type
- 8.3 Middle East & Africa Depletion-Mode 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 Depletion-Mode GaN HEMT
- 10.3 Manufacturing Process Analysis of Depletion-Mode GaN HEMT
- 10.4 Industry Chain Structure of Depletion-Mode GaN HEMT

11 MARKETING, DISTRIBUTORS AND CUSTOMER

- 11.1 Sales Channel
 - 11.1.1 Direct Channels

- 11.1.2 Indirect Channels
- 11.2 Depletion-Mode GaN HEMT Distributors
- 11.3 Depletion-Mode GaN HEMT Customer

12 WORLD FORECAST REVIEW FOR DEPLETION-MODE GAN HEMT BY GEOGRAPHIC REGION

- 12.1 Global Depletion-Mode GaN HEMT Market Size Forecast by Region
 - 12.1.1 Global Depletion-Mode GaN HEMT Forecast by Region (2024-2029)
 - 12.1.2 Global Depletion-Mode 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 Depletion-Mode GaN HEMT Forecast by Type
- 12.7 Global Depletion-Mode GaN HEMT Forecast by Application

13 KEY PLAYERS ANALYSIS

- 13.1 Infineon Technologies AG
 - 13.1.1 Infineon Technologies AG Company Information
 - 13.1.2 Infineon Technologies AG Depletion-Mode GaN HEMT Product Portfolios and Specifications
 - 13.1.3 Infineon Technologies AG Depletion-Mode GaN HEMT Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.1.4 Infineon Technologies AG Main Business Overview
 - 13.1.5 Infineon Technologies AG Latest Developments
- 13.2 Panasonic Corporation
 - 13.2.1 Panasonic Corporation Company Information
 - 13.2.2 Panasonic Corporation Depletion-Mode GaN HEMT Product Portfolios and Specifications
 - 13.2.3 Panasonic Corporation Depletion-Mode 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 Navitas Semiconductor
 - 13.3.1 Navitas Semiconductor Company Information
 - 13.3.2 Navitas Semiconductor Depletion-Mode GaN HEMT Product Portfolios and

Specifications

13.3.3 Navitas Semiconductor Depletion-Mode GaN HEMT Sales, Revenue, Price and Gross Margin (2018-2023)

13.3.4 Navitas Semiconductor Main Business Overview

13.3.5 Navitas Semiconductor Latest Developments

13.4 Efficient Power Conversion (EPC)

13.4.1 Efficient Power Conversion (EPC) Company Information

13.4.2 Efficient Power Conversion (EPC) Depletion-Mode GaN HEMT Product

Portfolios and Specifications

13.4.3 Efficient Power Conversion (EPC) Depletion-Mode GaN HEMT Sales, Revenue, Price and Gross Margin (2018-2023)

13.4.4 Efficient Power Conversion (EPC) Main Business Overview

13.4.5 Efficient Power Conversion (EPC) Latest Developments

13.5 Texas Instruments Inc

13.5.1 Texas Instruments Inc Company Information

13.5.2 Texas Instruments Inc Depletion-Mode GaN HEMT Product Portfolios and Specifications

13.5.3 Texas Instruments Inc Depletion-Mode GaN HEMT Sales, Revenue, Price and Gross Margin (2018-2023)

13.5.4 Texas Instruments Inc Main Business Overview

13.5.5 Texas Instruments Inc Latest Developments

13.6 Microchip Technology Inc

13.6.1 Microchip Technology Inc Company Information

13.6.2 Microchip Technology Inc Depletion-Mode GaN HEMT Product Portfolios and Specifications

13.6.3 Microchip Technology Inc Depletion-Mode GaN HEMT Sales, Revenue, Price and Gross Margin (2018-2023)

13.6.4 Microchip Technology Inc Main Business Overview

13.6.5 Microchip Technology Inc Latest Developments

13.7 Mitsubishi Electric Corporation

13.7.1 Mitsubishi Electric Corporation Company Information

13.7.2 Mitsubishi Electric Corporation Depletion-Mode GaN HEMT Product Portfolios and Specifications

13.7.3 Mitsubishi Electric Corporation Depletion-Mode GaN HEMT Sales, Revenue, Price and Gross Margin (2018-2023)

13.7.4 Mitsubishi Electric Corporation Main Business Overview

13.7.5 Mitsubishi Electric Corporation Latest Developments

13.8 Qorvo Inc

13.8.1 Qorvo Inc Company Information

- 13.8.2 Qorvo Inc Depletion-Mode GaN HEMT Product Portfolios and Specifications
- 13.8.3 Qorvo Inc Depletion-Mode GaN HEMT Sales, Revenue, Price and Gross Margin (2018-2023)
- 13.8.4 Qorvo Inc Main Business Overview
- 13.8.5 Qorvo Inc Latest Developments
- 13.9 Sumitomo Electric Industries
 - 13.9.1 Sumitomo Electric Industries Company Information
 - 13.9.2 Sumitomo Electric Industries Depletion-Mode GaN HEMT Product Portfolios and Specifications
 - 13.9.3 Sumitomo Electric Industries Depletion-Mode GaN HEMT Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.9.4 Sumitomo Electric Industries Main Business Overview
 - 13.9.5 Sumitomo Electric Industries Latest Developments
- 13.10 GaN Systems Inc
 - 13.10.1 GaN Systems Inc Company Information
 - 13.10.2 GaN Systems Inc Depletion-Mode GaN HEMT Product Portfolios and Specifications
 - 13.10.3 GaN Systems Inc Depletion-Mode GaN HEMT Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.10.4 GaN Systems Inc Main Business Overview
 - 13.10.5 GaN Systems Inc Latest Developments
- 13.11 Wolfspeed
 - 13.11.1 Wolfspeed Company Information
 - 13.11.2 Wolfspeed Depletion-Mode GaN HEMT Product Portfolios and Specifications
 - 13.11.3 Wolfspeed Depletion-Mode GaN HEMT Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.11.4 Wolfspeed Main Business Overview
 - 13.11.5 Wolfspeed Latest Developments
- 13.12 Transphorm Inc
 - 13.12.1 Transphorm Inc Company Information
 - 13.12.2 Transphorm Inc Depletion-Mode GaN HEMT Product Portfolios and Specifications
 - 13.12.3 Transphorm Inc Depletion-Mode GaN HEMT Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.12.4 Transphorm Inc Main Business Overview
 - 13.12.5 Transphorm Inc Latest Developments
- 13.13 MACOM Technology Solutions
 - 13.13.1 MACOM Technology Solutions Company Information
 - 13.13.2 MACOM Technology Solutions Depletion-Mode GaN HEMT Product Portfolios

and Specifications

13.13.3 MACOM Technology Solutions Depletion-Mode GaN HEMT Sales, Revenue, Price and Gross Margin (2018-2023)

13.13.4 MACOM Technology Solutions Main Business Overview

13.13.5 MACOM Technology Solutions Latest Developments

13.14 Soitec Belgian NV

13.14.1 Soitec Belgian NV Company Information

13.14.2 Soitec Belgian NV Depletion-Mode GaN HEMT Product Portfolios and Specifications

13.14.3 Soitec Belgian NV Depletion-Mode GaN HEMT Sales, Revenue, Price and Gross Margin (2018-2023)

13.14.4 Soitec Belgian NV Main Business Overview

13.14.5 Soitec Belgian NV Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

- Table 1. Depletion-Mode GaN HEMT Annual Sales CAGR by Geographic Region (2018, 2022 & 2029) & (\$ millions)
- Table 2. Depletion-Mode GaN HEMT Annual Sales CAGR by Country/Region (2018, 2022 & 2029) & (\$ millions)
- Table 3. Major Players of Single-gate HEMTs
- Table 4. Major Players of Dual-gate HEMTs
- Table 5. Major Players of Multi-gate HEMTs
- Table 6. Major Players of Others
- Table 7. Global Depletion-Mode GaN HEMT Sales by Type (2018-2023) & (K Units)
- Table 8. Global Depletion-Mode GaN HEMT Sales Market Share by Type (2018-2023)
- Table 9. Global Depletion-Mode GaN HEMT Revenue by Type (2018-2023) & (\$ million)
- Table 10. Global Depletion-Mode GaN HEMT Revenue Market Share by Type (2018-2023)
- Table 11. Global Depletion-Mode GaN HEMT Sale Price by Type (2018-2023) & (US\$/Unit)
- Table 12. Global Depletion-Mode GaN HEMT Sales by Application (2018-2023) & (K Units)
- Table 13. Global Depletion-Mode GaN HEMT Sales Market Share by Application (2018-2023)
- Table 14. Global Depletion-Mode GaN HEMT Revenue by Application (2018-2023)
- Table 15. Global Depletion-Mode GaN HEMT Revenue Market Share by Application (2018-2023)
- Table 16. Global Depletion-Mode GaN HEMT Sale Price by Application (2018-2023) & (US\$/Unit)
- Table 17. Global Depletion-Mode GaN HEMT Sales by Company (2018-2023) & (K Units)
- Table 18. Global Depletion-Mode GaN HEMT Sales Market Share by Company (2018-2023)
- Table 19. Global Depletion-Mode GaN HEMT Revenue by Company (2018-2023) (\$ Millions)
- Table 20. Global Depletion-Mode GaN HEMT Revenue Market Share by Company (2018-2023)
- Table 21. Global Depletion-Mode GaN HEMT Sale Price by Company (2018-2023) & (US\$/Unit)
- Table 22. Key Manufacturers Depletion-Mode GaN HEMT Producing Area Distribution

and Sales Area

Table 23. Players Depletion-Mode GaN HEMT Products Offered

Table 24. Depletion-Mode GaN HEMT Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)

Table 25. New Products and Potential Entrants

Table 26. Mergers & Acquisitions, Expansion

Table 27. Global Depletion-Mode GaN HEMT Sales by Geographic Region (2018-2023) & (K Units)

Table 28. Global Depletion-Mode GaN HEMT Sales Market Share Geographic Region (2018-2023)

Table 29. Global Depletion-Mode GaN HEMT Revenue by Geographic Region (2018-2023) & (\$ millions)

Table 30. Global Depletion-Mode GaN HEMT Revenue Market Share by Geographic Region (2018-2023)

Table 31. Global Depletion-Mode GaN HEMT Sales by Country/Region (2018-2023) & (K Units)

Table 32. Global Depletion-Mode GaN HEMT Sales Market Share by Country/Region (2018-2023)

Table 33. Global Depletion-Mode GaN HEMT Revenue by Country/Region (2018-2023) & (\$ millions)

Table 34. Global Depletion-Mode GaN HEMT Revenue Market Share by Country/Region (2018-2023)

Table 35. Americas Depletion-Mode GaN HEMT Sales by Country (2018-2023) & (K Units)

Table 36. Americas Depletion-Mode GaN HEMT Sales Market Share by Country (2018-2023)

Table 37. Americas Depletion-Mode GaN HEMT Revenue by Country (2018-2023) & (\$ Millions)

Table 38. Americas Depletion-Mode GaN HEMT Revenue Market Share by Country (2018-2023)

Table 39. Americas Depletion-Mode GaN HEMT Sales by Type (2018-2023) & (K Units)

Table 40. Americas Depletion-Mode GaN HEMT Sales by Application (2018-2023) & (K Units)

Table 41. APAC Depletion-Mode GaN HEMT Sales by Region (2018-2023) & (K Units)

Table 42. APAC Depletion-Mode GaN HEMT Sales Market Share by Region (2018-2023)

Table 43. APAC Depletion-Mode GaN HEMT Revenue by Region (2018-2023) & (\$ Millions)

Table 44. APAC Depletion-Mode GaN HEMT Revenue Market Share by Region

(2018-2023)

Table 45. APAC Depletion-Mode GaN HEMT Sales by Type (2018-2023) & (K Units)

Table 46. APAC Depletion-Mode GaN HEMT Sales by Application (2018-2023) & (K Units)

Table 47. Europe Depletion-Mode GaN HEMT Sales by Country (2018-2023) & (K Units)

Table 48. Europe Depletion-Mode GaN HEMT Sales Market Share by Country (2018-2023)

Table 49. Europe Depletion-Mode GaN HEMT Revenue by Country (2018-2023) & (\$ Millions)

Table 50. Europe Depletion-Mode GaN HEMT Revenue Market Share by Country (2018-2023)

Table 51. Europe Depletion-Mode GaN HEMT Sales by Type (2018-2023) & (K Units)

Table 52. Europe Depletion-Mode GaN HEMT Sales by Application (2018-2023) & (K Units)

Table 53. Middle East & Africa Depletion-Mode GaN HEMT Sales by Country (2018-2023) & (K Units)

Table 54. Middle East & Africa Depletion-Mode GaN HEMT Sales Market Share by Country (2018-2023)

Table 55. Middle East & Africa Depletion-Mode GaN HEMT Revenue by Country (2018-2023) & (\$ Millions)

Table 56. Middle East & Africa Depletion-Mode GaN HEMT Revenue Market Share by Country (2018-2023)

Table 57. Middle East & Africa Depletion-Mode GaN HEMT Sales by Type (2018-2023) & (K Units)

Table 58. Middle East & Africa Depletion-Mode GaN HEMT Sales by Application (2018-2023) & (K Units)

Table 59. Key Market Drivers & Growth Opportunities of Depletion-Mode GaN HEMT

Table 60. Key Market Challenges & Risks of Depletion-Mode GaN HEMT

Table 61. Key Industry Trends of Depletion-Mode GaN HEMT

Table 62. Depletion-Mode GaN HEMT Raw Material

Table 63. Key Suppliers of Raw Materials

Table 64. Depletion-Mode GaN HEMT Distributors List

Table 65. Depletion-Mode GaN HEMT Customer List

Table 66. Global Depletion-Mode GaN HEMT Sales Forecast by Region (2024-2029) & (K Units)

Table 67. Global Depletion-Mode GaN HEMT Revenue Forecast by Region (2024-2029) & (\$ millions)

Table 68. Americas Depletion-Mode GaN HEMT Sales Forecast by Country

(2024-2029) & (K Units)

Table 69. Americas Depletion-Mode GaN HEMT Revenue Forecast by Country
(2024-2029) & (\$ millions)

Table 70. APAC Depletion-Mode GaN HEMT Sales Forecast by Region (2024-2029) &
(K Units)

Table 71. APAC Depletion-Mode GaN HEMT Revenue Forecast by Region (2024-2029)
& (\$ millions)

Table 72. Europe Depletion-Mode GaN HEMT Sales Forecast by Country (2024-2029)
& (K Units)

Table 73. Europe Depletion-Mode GaN HEMT Revenue Forecast by Country
(2024-2029) & (\$ millions)

Table 74. Middle East & Africa Depletion-Mode GaN HEMT Sales Forecast by Country
(2024-2029) & (K Units)

Table 75. Middle East & Africa Depletion-Mode GaN HEMT Revenue Forecast by
Country (2024-2029) & (\$ millions)

Table 76. Global Depletion-Mode GaN HEMT Sales Forecast by Type (2024-2029) & (K
Units)

Table 77. Global Depletion-Mode GaN HEMT Revenue Forecast by Type (2024-2029)
& (\$ Millions)

Table 78. Global Depletion-Mode GaN HEMT Sales Forecast by Application
(2024-2029) & (K Units)

Table 79. Global Depletion-Mode GaN HEMT Revenue Forecast by Application
(2024-2029) & (\$ Millions)

Table 80. Infineon Technologies AG Basic Information, Depletion-Mode GaN HEMT
Manufacturing Base, Sales Area and Its Competitors

Table 81. Infineon Technologies AG Depletion-Mode GaN HEMT Product Portfolios and
Specifications

Table 82. Infineon Technologies AG Depletion-Mode GaN HEMT Sales (K Units),
Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 83. Infineon Technologies AG Main Business

Table 84. Infineon Technologies AG Latest Developments

Table 85. Panasonic Corporation Basic Information, Depletion-Mode GaN HEMT
Manufacturing Base, Sales Area and Its Competitors

Table 86. Panasonic Corporation Depletion-Mode GaN HEMT Product Portfolios and
Specifications

Table 87. Panasonic Corporation Depletion-Mode GaN HEMT Sales (K Units), Revenue
(\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 88. Panasonic Corporation Main Business

Table 89. Panasonic Corporation Latest Developments

Table 90. Navitas Semiconductor Basic Information, Depletion-Mode GaN HEMT Manufacturing Base, Sales Area and Its Competitors

Table 91. Navitas Semiconductor Depletion-Mode GaN HEMT Product Portfolios and Specifications

Table 92. Navitas Semiconductor Depletion-Mode GaN HEMT Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 93. Navitas Semiconductor Main Business

Table 94. Navitas Semiconductor Latest Developments

Table 95. Efficient Power Conversion (EPC) Basic Information, Depletion-Mode GaN HEMT Manufacturing Base, Sales Area and Its Competitors

Table 96. Efficient Power Conversion (EPC) Depletion-Mode GaN HEMT Product Portfolios and Specifications

Table 97. Efficient Power Conversion (EPC) Depletion-Mode GaN HEMT Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 98. Efficient Power Conversion (EPC) Main Business

Table 99. Efficient Power Conversion (EPC) Latest Developments

Table 100. Texas Instruments Inc Basic Information, Depletion-Mode GaN HEMT Manufacturing Base, Sales Area and Its Competitors

Table 101. Texas Instruments Inc Depletion-Mode GaN HEMT Product Portfolios and Specifications

Table 102. Texas Instruments Inc Depletion-Mode GaN HEMT Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 103. Texas Instruments Inc Main Business

Table 104. Texas Instruments Inc Latest Developments

Table 105. Microchip Technology Inc Basic Information, Depletion-Mode GaN HEMT Manufacturing Base, Sales Area and Its Competitors

Table 106. Microchip Technology Inc Depletion-Mode GaN HEMT Product Portfolios and Specifications

Table 107. Microchip Technology Inc Depletion-Mode GaN HEMT Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 108. Microchip Technology Inc Main Business

Table 109. Microchip Technology Inc Latest Developments

Table 110. Mitsubishi Electric Corporation Basic Information, Depletion-Mode GaN HEMT Manufacturing Base, Sales Area and Its Competitors

Table 111. Mitsubishi Electric Corporation Depletion-Mode GaN HEMT Product Portfolios and Specifications

Table 112. Mitsubishi Electric Corporation Depletion-Mode GaN HEMT Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 113. Mitsubishi Electric Corporation Main Business

- Table 114. Mitsubishi Electric Corporation Latest Developments
- Table 115. Qorvo Inc Basic Information, Depletion-Mode GaN HEMT Manufacturing Base, Sales Area and Its Competitors
- Table 116. Qorvo Inc Depletion-Mode GaN HEMT Product Portfolios and Specifications
- Table 117. Qorvo Inc Depletion-Mode GaN HEMT Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)
- Table 118. Qorvo Inc Main Business
- Table 119. Qorvo Inc Latest Developments
- Table 120. Sumitomo Electric Industries Basic Information, Depletion-Mode GaN HEMT Manufacturing Base, Sales Area and Its Competitors
- Table 121. Sumitomo Electric Industries Depletion-Mode GaN HEMT Product Portfolios and Specifications
- Table 122. Sumitomo Electric Industries Depletion-Mode GaN HEMT Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)
- Table 123. Sumitomo Electric Industries Main Business
- Table 124. Sumitomo Electric Industries Latest Developments
- Table 125. GaN Systems Inc Basic Information, Depletion-Mode GaN HEMT Manufacturing Base, Sales Area and Its Competitors
- Table 126. GaN Systems Inc Depletion-Mode GaN HEMT Product Portfolios and Specifications
- Table 127. GaN Systems Inc Depletion-Mode GaN HEMT Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)
- Table 128. GaN Systems Inc Main Business
- Table 129. GaN Systems Inc Latest Developments
- Table 130. Wolfspeed Basic Information, Depletion-Mode GaN HEMT Manufacturing Base, Sales Area and Its Competitors
- Table 131. Wolfspeed Depletion-Mode GaN HEMT Product Portfolios and Specifications
- Table 132. Wolfspeed Depletion-Mode GaN HEMT Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)
- Table 133. Wolfspeed Main Business
- Table 134. Wolfspeed Latest Developments
- Table 135. Transphorm Inc Basic Information, Depletion-Mode GaN HEMT Manufacturing Base, Sales Area and Its Competitors
- Table 136. Transphorm Inc Depletion-Mode GaN HEMT Product Portfolios and Specifications
- Table 137. Transphorm Inc Depletion-Mode GaN HEMT Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)
- Table 138. Transphorm Inc Main Business

Table 139. Transphorm Inc Latest Developments

Table 140. MACOM Technology Solutions Basic Information, Depletion-Mode GaN HEMT Manufacturing Base, Sales Area and Its Competitors

Table 141. MACOM Technology Solutions Depletion-Mode GaN HEMT Product Portfolios and Specifications

Table 142. MACOM Technology Solutions Depletion-Mode GaN HEMT Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 143. MACOM Technology Solutions Main Business

Table 144. MACOM Technology Solutions Latest Developments

Table 145. Soitec Belgian NV Basic Information, Depletion-Mode GaN HEMT Manufacturing Base, Sales Area and Its Competitors

Table 146. Soitec Belgian NV Depletion-Mode GaN HEMT Product Portfolios and Specifications

Table 147. Soitec Belgian NV Depletion-Mode GaN HEMT Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 148. Soitec Belgian NV Main Business

Table 149. Soitec Belgian NV Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Depletion-Mode GaN HEMT
- Figure 2. Depletion-Mode GaN HEMT Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Depletion-Mode GaN HEMT Sales Growth Rate 2018-2029 (K Units)
- Figure 7. Global Depletion-Mode GaN HEMT Revenue Growth Rate 2018-2029 (\$ Millions)
- Figure 8. Depletion-Mode GaN HEMT Sales by Region (2018, 2022 & 2029) & (\$ Millions)
- Figure 9. Product Picture of Single-gate HEMTs
- Figure 10. Product Picture of Dual-gate HEMTs
- Figure 11. Product Picture of Multi-gate HEMTs
- Figure 12. Product Picture of Others
- Figure 13. Global Depletion-Mode GaN HEMT Sales Market Share by Type in 2022
- Figure 14. Global Depletion-Mode GaN HEMT Revenue Market Share by Type (2018-2023)
- Figure 15. Depletion-Mode GaN HEMT Consumed in Automotive
- Figure 16. Global Depletion-Mode GaN HEMT Market: Automotive (2018-2023) & (K Units)
- Figure 17. Depletion-Mode GaN HEMT Consumed in Renewable Energy
- Figure 18. Global Depletion-Mode GaN HEMT Market: Renewable Energy (2018-2023) & (K Units)
- Figure 19. Depletion-Mode GaN HEMT Consumed in Telecommunications
- Figure 20. Global Depletion-Mode GaN HEMT Market: Telecommunications (2018-2023) & (K Units)
- Figure 21. Depletion-Mode GaN HEMT Consumed in Aerospace and Defense
- Figure 22. Global Depletion-Mode GaN HEMT Market: Aerospace and Defense (2018-2023) & (K Units)
- Figure 23. Depletion-Mode GaN HEMT Consumed in Others
- Figure 24. Global Depletion-Mode GaN HEMT Market: Others (2018-2023) & (K Units)
- Figure 25. Global Depletion-Mode GaN HEMT Sales Market Share by Application (2022)
- Figure 26. Global Depletion-Mode GaN HEMT Revenue Market Share by Application in 2022

- Figure 27. Depletion-Mode GaN HEMT Sales Market by Company in 2022 (K Units)
- Figure 28. Global Depletion-Mode GaN HEMT Sales Market Share by Company in 2022
- Figure 29. Depletion-Mode GaN HEMT Revenue Market by Company in 2022 (\$ Million)
- Figure 30. Global Depletion-Mode GaN HEMT Revenue Market Share by Company in 2022
- Figure 31. Global Depletion-Mode GaN HEMT Sales Market Share by Geographic Region (2018-2023)
- Figure 32. Global Depletion-Mode GaN HEMT Revenue Market Share by Geographic Region in 2022
- Figure 33. Americas Depletion-Mode GaN HEMT Sales 2018-2023 (K Units)
- Figure 34. Americas Depletion-Mode GaN HEMT Revenue 2018-2023 (\$ Millions)
- Figure 35. APAC Depletion-Mode GaN HEMT Sales 2018-2023 (K Units)
- Figure 36. APAC Depletion-Mode GaN HEMT Revenue 2018-2023 (\$ Millions)
- Figure 37. Europe Depletion-Mode GaN HEMT Sales 2018-2023 (K Units)
- Figure 38. Europe Depletion-Mode GaN HEMT Revenue 2018-2023 (\$ Millions)
- Figure 39. Middle East & Africa Depletion-Mode GaN HEMT Sales 2018-2023 (K Units)
- Figure 40. Middle East & Africa Depletion-Mode GaN HEMT Revenue 2018-2023 (\$ Millions)
- Figure 41. Americas Depletion-Mode GaN HEMT Sales Market Share by Country in 2022
- Figure 42. Americas Depletion-Mode GaN HEMT Revenue Market Share by Country in 2022
- Figure 43. Americas Depletion-Mode GaN HEMT Sales Market Share by Type (2018-2023)
- Figure 44. Americas Depletion-Mode GaN HEMT Sales Market Share by Application (2018-2023)
- Figure 45. United States Depletion-Mode GaN HEMT Revenue Growth 2018-2023 (\$ Millions)
- Figure 46. Canada Depletion-Mode GaN HEMT Revenue Growth 2018-2023 (\$ Millions)
- Figure 47. Mexico Depletion-Mode GaN HEMT Revenue Growth 2018-2023 (\$ Millions)
- Figure 48. Brazil Depletion-Mode GaN HEMT Revenue Growth 2018-2023 (\$ Millions)
- Figure 49. APAC Depletion-Mode GaN HEMT Sales Market Share by Region in 2022
- Figure 50. APAC Depletion-Mode GaN HEMT Revenue Market Share by Regions in 2022
- Figure 51. APAC Depletion-Mode GaN HEMT Sales Market Share by Type (2018-2023)
- Figure 52. APAC Depletion-Mode GaN HEMT Sales Market Share by Application (2018-2023)
- Figure 53. China Depletion-Mode GaN HEMT Revenue Growth 2018-2023 (\$ Millions)

- Figure 54. Japan Depletion-Mode GaN HEMT Revenue Growth 2018-2023 (\$ Millions)
- Figure 55. South Korea Depletion-Mode GaN HEMT Revenue Growth 2018-2023 (\$ Millions)
- Figure 56. Southeast Asia Depletion-Mode GaN HEMT Revenue Growth 2018-2023 (\$ Millions)
- Figure 57. India Depletion-Mode GaN HEMT Revenue Growth 2018-2023 (\$ Millions)
- Figure 58. Australia Depletion-Mode GaN HEMT Revenue Growth 2018-2023 (\$ Millions)
- Figure 59. China Taiwan Depletion-Mode GaN HEMT Revenue Growth 2018-2023 (\$ Millions)
- Figure 60. Europe Depletion-Mode GaN HEMT Sales Market Share by Country in 2022
- Figure 61. Europe Depletion-Mode GaN HEMT Revenue Market Share by Country in 2022
- Figure 62. Europe Depletion-Mode GaN HEMT Sales Market Share by Type (2018-2023)
- Figure 63. Europe Depletion-Mode GaN HEMT Sales Market Share by Application (2018-2023)
- Figure 64. Germany Depletion-Mode GaN HEMT Revenue Growth 2018-2023 (\$ Millions)
- Figure 65. France Depletion-Mode GaN HEMT Revenue Growth 2018-2023 (\$ Millions)
- Figure 66. UK Depletion-Mode GaN HEMT Revenue Growth 2018-2023 (\$ Millions)
- Figure 67. Italy Depletion-Mode GaN HEMT Revenue Growth 2018-2023 (\$ Millions)
- Figure 68. Russia Depletion-Mode GaN HEMT Revenue Growth 2018-2023 (\$ Millions)
- Figure 69. Middle East & Africa Depletion-Mode GaN HEMT Sales Market Share by Country in 2022
- Figure 70. Middle East & Africa Depletion-Mode GaN HEMT Revenue Market Share by Country in 2022
- Figure 71. Middle East & Africa Depletion-Mode GaN HEMT Sales Market Share by Type (2018-2023)
- Figure 72. Middle East & Africa Depletion-Mode GaN HEMT Sales Market Share by Application (2018-2023)
- Figure 73. Egypt Depletion-Mode GaN HEMT Revenue Growth 2018-2023 (\$ Millions)
- Figure 74. South Africa Depletion-Mode GaN HEMT Revenue Growth 2018-2023 (\$ Millions)
- Figure 75. Israel Depletion-Mode GaN HEMT Revenue Growth 2018-2023 (\$ Millions)
- Figure 76. Turkey Depletion-Mode GaN HEMT Revenue Growth 2018-2023 (\$ Millions)
- Figure 77. GCC Country Depletion-Mode GaN HEMT Revenue Growth 2018-2023 (\$ Millions)
- Figure 78. Manufacturing Cost Structure Analysis of Depletion-Mode GaN HEMT in

2022

Figure 79. Manufacturing Process Analysis of Depletion-Mode GaN HEMT

Figure 80. Industry Chain Structure of Depletion-Mode GaN HEMT

Figure 81. Channels of Distribution

Figure 82. Global Depletion-Mode GaN HEMT Sales Market Forecast by Region (2024-2029)

Figure 83. Global Depletion-Mode GaN HEMT Revenue Market Share Forecast by Region (2024-2029)

Figure 84. Global Depletion-Mode GaN HEMT Sales Market Share Forecast by Type (2024-2029)

Figure 85. Global Depletion-Mode GaN HEMT Revenue Market Share Forecast by Type (2024-2029)

Figure 86. Global Depletion-Mode GaN HEMT Sales Market Share Forecast by Application (2024-2029)

Figure 87. Global Depletion-Mode GaN HEMT Revenue Market Share Forecast by Application (2024-2029)

I would like to order

Product name: Global Depletion-Mode GaN HEMT Market Growth 2023-2029

Product link: <https://marketpublishers.com/r/G302B6EA1E4BEN.html>

Price: US\$ 3,660.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G302B6EA1E4BEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970