

# Global Wide Bandgap WBG Power Semiconductor Devices Market Research Report 2023(Status and Outlook)

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## Abstracts

### Report Overview

Wide bandgap semiconductors generally refer to those semiconductors having a larger band gap. They allow the device to operate at high temperatures, high frequencies and high voltages. They are widely used in the manufacture of green and blue lasers and LEDs, industrial motor drives and more.

Bosson Research's latest report provides a deep insight into the global Wide Bandgap WBG Power Semiconductor 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, Porter's five forces analysis, value chain analysis, etc. The analysis helps the reader to shape the competition within the industries and strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business organization. The report structure also focuses on the competitive landscape of the Global Wide Bandgap WBG Power Semiconductor 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 Wide Bandgap WBG Power Semiconductor Devices market in any manner.

Global Wide Bandgap WBG Power Semiconductor 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

Qorvo

STMicroelectronics

ROHM SEMICONDUCTOR

United Silicon Carbide

GaN Systems

Transphorm

Cree

Infineon Technologies

Ceramicforum

KEMET

Keysight Technologies

AKHAN Semiconductor

Alpha and Omega Semiconductor

Reedholm Systems

#### Market Segmentation (by Type)

Diamond Substrate

Silicon Carbide (SIC)

Zinc Oxide

Gallium Nitride (GAN)

Others

#### Market Segmentation (by Application)

Renewable Energy

Automotive

Uninterruptible Power Supply

Industrial Motor Drives

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 Wide Bandgap WBG Power Semiconductor Devices Market  
Overview of the regional outlook of the Wide Bandgap WBG Power Semiconductor 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 Wide Bandgap WBG Power Semiconductor 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 Wide Bandgap WBG Power Semiconductor Devices
- 1.2 Key Market Segments
  - 1.2.1 Wide Bandgap WBG Power Semiconductor Devices Segment by Type
  - 1.2.2 Wide Bandgap WBG Power Semiconductor 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 WIDE BANDGAP WBG POWER SEMICONDUCTOR DEVICES MARKET OVERVIEW**

- 2.1 Global Market Overview
  - 2.1.1 Global Wide Bandgap WBG Power Semiconductor Devices Market Size (M USD) Estimates and Forecasts (2018-2029)
  - 2.1.2 Global Wide Bandgap WBG Power Semiconductor Devices Sales Estimates and Forecasts (2018-2029)
- 2.2 Market Segment Executive Summary
- 2.3 Global Market Size by Region

### **3 WIDE BANDGAP WBG POWER SEMICONDUCTOR DEVICES MARKET COMPETITIVE LANDSCAPE**

- 3.1 Global Wide Bandgap WBG Power Semiconductor Devices Sales by Manufacturers (2018-2023)
- 3.2 Global Wide Bandgap WBG Power Semiconductor Devices Revenue Market Share by Manufacturers (2018-2023)
- 3.3 Wide Bandgap WBG Power Semiconductor Devices Market Share by Company Type (Tier 1, Tier 2, and Tier 3)
- 3.4 Global Wide Bandgap WBG Power Semiconductor Devices Average Price by Manufacturers (2018-2023)
- 3.5 Manufacturers Wide Bandgap WBG Power Semiconductor Devices Sales Sites,

Area Served, Product Type

3.6 Wide Bandgap WBG Power Semiconductor Devices Market Competitive Situation and Trends

3.6.1 Wide Bandgap WBG Power Semiconductor Devices Market Concentration Rate

3.6.2 Global 5 and 10 Largest Wide Bandgap WBG Power Semiconductor Devices Players Market Share by Revenue

3.6.3 Mergers & Acquisitions, Expansion

## **4 WIDE BANDGAP WBG POWER SEMICONDUCTOR DEVICES INDUSTRY CHAIN ANALYSIS**

4.1 Wide Bandgap WBG Power Semiconductor 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 WIDE BANDGAP WBG POWER SEMICONDUCTOR 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 WIDE BANDGAP WBG POWER SEMICONDUCTOR DEVICES MARKET SEGMENTATION BY TYPE**

6.1 Evaluation Matrix of Segment Market Development Potential (Type)

6.2 Global Wide Bandgap WBG Power Semiconductor Devices Sales Market Share by Type (2018-2023)

6.3 Global Wide Bandgap WBG Power Semiconductor Devices Market Size Market Share by Type (2018-2023)

6.4 Global Wide Bandgap WBG Power Semiconductor Devices Price by Type



(2018-2023)

## **7 WIDE BANDGAP WBG POWER SEMICONDUCTOR DEVICES MARKET SEGMENTATION BY APPLICATION**

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
- 7.2 Global Wide Bandgap WBG Power Semiconductor Devices Market Sales by Application (2018-2023)
- 7.3 Global Wide Bandgap WBG Power Semiconductor Devices Market Size (M USD) by Application (2018-2023)
- 7.4 Global Wide Bandgap WBG Power Semiconductor Devices Sales Growth Rate by Application (2018-2023)

## **8 WIDE BANDGAP WBG POWER SEMICONDUCTOR DEVICES MARKET SEGMENTATION BY REGION**

- 8.1 Global Wide Bandgap WBG Power Semiconductor Devices Sales by Region
  - 8.1.1 Global Wide Bandgap WBG Power Semiconductor Devices Sales by Region
  - 8.1.2 Global Wide Bandgap WBG Power Semiconductor Devices Sales Market Share by Region
- 8.2 North America
  - 8.2.1 North America Wide Bandgap WBG Power Semiconductor Devices Sales by Country
  - 8.2.2 U.S.
  - 8.2.3 Canada
  - 8.2.4 Mexico
- 8.3 Europe
  - 8.3.1 Europe Wide Bandgap WBG Power Semiconductor 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 Wide Bandgap WBG Power Semiconductor 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 Wide Bandgap WBG Power Semiconductor 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 Wide Bandgap WBG Power Semiconductor 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 Qorvo

9.1.1 Qorvo Wide Bandgap WBG Power Semiconductor Devices Basic Information

9.1.2 Qorvo Wide Bandgap WBG Power Semiconductor Devices Product Overview

9.1.3 Qorvo Wide Bandgap WBG Power Semiconductor Devices Product Market Performance

9.1.4 Qorvo Business Overview

9.1.5 Qorvo Wide Bandgap WBG Power Semiconductor Devices SWOT Analysis

9.1.6 Qorvo Recent Developments

9.2 STMicroelectronics

9.2.1 STMicroelectronics Wide Bandgap WBG Power Semiconductor Devices Basic Information

9.2.2 STMicroelectronics Wide Bandgap WBG Power Semiconductor Devices Product Overview

9.2.3 STMicroelectronics Wide Bandgap WBG Power Semiconductor Devices Product Market Performance

9.2.4 STMicroelectronics Business Overview

9.2.5 STMicroelectronics Wide Bandgap WBG Power Semiconductor Devices SWOT Analysis

9.2.6 STMicroelectronics Recent Developments

9.3 ROHM SEMICONDUCTOR

9.3.1 ROHM SEMICONDUCTOR Wide Bandgap WBG Power Semiconductor Devices  
Basic Information

9.3.2 ROHM SEMICONDUCTOR Wide Bandgap WBG Power Semiconductor Devices  
Product Overview

9.3.3 ROHM SEMICONDUCTOR Wide Bandgap WBG Power Semiconductor Devices  
Product Market Performance

9.3.4 ROHM SEMICONDUCTOR Business Overview

9.3.5 ROHM SEMICONDUCTOR Wide Bandgap WBG Power Semiconductor Devices  
SWOT Analysis

9.3.6 ROHM SEMICONDUCTOR Recent Developments

9.4 United Silicon Carbide

9.4.1 United Silicon Carbide Wide Bandgap WBG Power Semiconductor Devices  
Basic Information

9.4.2 United Silicon Carbide Wide Bandgap WBG Power Semiconductor Devices  
Product Overview

9.4.3 United Silicon Carbide Wide Bandgap WBG Power Semiconductor Devices  
Product Market Performance

9.4.4 United Silicon Carbide Business Overview

9.4.5 United Silicon Carbide Wide Bandgap WBG Power Semiconductor Devices  
SWOT Analysis

9.4.6 United Silicon Carbide Recent Developments

9.5 GaN Systems

9.5.1 GaN Systems Wide Bandgap WBG Power Semiconductor Devices Basic  
Information

9.5.2 GaN Systems Wide Bandgap WBG Power Semiconductor Devices Product  
Overview

9.5.3 GaN Systems Wide Bandgap WBG Power Semiconductor Devices Product  
Market Performance

9.5.4 GaN Systems Business Overview

9.5.5 GaN Systems Wide Bandgap WBG Power Semiconductor Devices SWOT  
Analysis

9.5.6 GaN Systems Recent Developments

9.6 Transphorm

9.6.1 Transphorm Wide Bandgap WBG Power Semiconductor Devices Basic  
Information

9.6.2 Transphorm Wide Bandgap WBG Power Semiconductor Devices Product  
Overview

9.6.3 Transphorm Wide Bandgap WBG Power Semiconductor Devices Product Market  
Performance

9.6.4 Transphorm Business Overview

9.6.5 Transphorm Recent Developments

9.7 Cree

9.7.1 Cree Wide Bandgap WBG Power Semiconductor Devices Basic Information

9.7.2 Cree Wide Bandgap WBG Power Semiconductor Devices Product Overview

9.7.3 Cree Wide Bandgap WBG Power Semiconductor Devices Product Market

Performance

9.7.4 Cree Business Overview

9.7.5 Cree Recent Developments

9.8 Infineon Technologies

9.8.1 Infineon Technologies Wide Bandgap WBG Power Semiconductor Devices Basic Information

9.8.2 Infineon Technologies Wide Bandgap WBG Power Semiconductor Devices Product Overview

9.8.3 Infineon Technologies Wide Bandgap WBG Power Semiconductor Devices Product Market Performance

9.8.4 Infineon Technologies Business Overview

9.8.5 Infineon Technologies Recent Developments

9.9 Ceramicforum

9.9.1 Ceramicforum Wide Bandgap WBG Power Semiconductor Devices Basic Information

9.9.2 Ceramicforum Wide Bandgap WBG Power Semiconductor Devices Product Overview

9.9.3 Ceramicforum Wide Bandgap WBG Power Semiconductor Devices Product Market Performance

9.9.4 Ceramicforum Business Overview

9.9.5 Ceramicforum Recent Developments

9.10 KEMET

9.10.1 KEMET Wide Bandgap WBG Power Semiconductor Devices Basic Information

9.10.2 KEMET Wide Bandgap WBG Power Semiconductor Devices Product Overview

9.10.3 KEMET Wide Bandgap WBG Power Semiconductor Devices Product Market Performance

9.10.4 KEMET Business Overview

9.10.5 KEMET Recent Developments

9.11 Keysight Technologies

9.11.1 Keysight Technologies Wide Bandgap WBG Power Semiconductor Devices Basic Information

9.11.2 Keysight Technologies Wide Bandgap WBG Power Semiconductor Devices Product Overview

9.11.3 Keysight Technologies Wide Bandgap WBG Power Semiconductor Devices  
Product Market Performance

9.11.4 Keysight Technologies Business Overview

9.11.5 Keysight Technologies Recent Developments

9.12 AKHAN Semiconductor

9.12.1 AKHAN Semiconductor Wide Bandgap WBG Power Semiconductor Devices  
Basic Information

9.12.2 AKHAN Semiconductor Wide Bandgap WBG Power Semiconductor Devices  
Product Overview

9.12.3 AKHAN Semiconductor Wide Bandgap WBG Power Semiconductor Devices  
Product Market Performance

9.12.4 AKHAN Semiconductor Business Overview

9.12.5 AKHAN Semiconductor Recent Developments

9.13 Alpha and Omega Semiconductor

9.13.1 Alpha and Omega Semiconductor Wide Bandgap WBG Power Semiconductor  
Devices Basic Information

9.13.2 Alpha and Omega Semiconductor Wide Bandgap WBG Power Semiconductor  
Devices Product Overview

9.13.3 Alpha and Omega Semiconductor Wide Bandgap WBG Power Semiconductor  
Devices Product Market Performance

9.13.4 Alpha and Omega Semiconductor Business Overview

9.13.5 Alpha and Omega Semiconductor Recent Developments

9.14 Reedholm Systems

9.14.1 Reedholm Systems Wide Bandgap WBG Power Semiconductor Devices Basic  
Information

9.14.2 Reedholm Systems Wide Bandgap WBG Power Semiconductor Devices  
Product Overview

9.14.3 Reedholm Systems Wide Bandgap WBG Power Semiconductor Devices  
Product Market Performance

9.14.4 Reedholm Systems Business Overview

9.14.5 Reedholm Systems Recent Developments

## **10 WIDE BANDGAP WBG POWER SEMICONDUCTOR DEVICES MARKET FORECAST BY REGION**

10.1 Global Wide Bandgap WBG Power Semiconductor Devices Market Size Forecast

10.2 Global Wide Bandgap WBG Power Semiconductor Devices Market Forecast by  
Region

10.2.1 North America Market Size Forecast by Country

10.2.2 Europe Wide Bandgap WBG Power Semiconductor Devices Market Size Forecast by Country

10.2.3 Asia Pacific Wide Bandgap WBG Power Semiconductor Devices Market Size Forecast by Region

10.2.4 South America Wide Bandgap WBG Power Semiconductor Devices Market Size Forecast by Country

10.2.5 Middle East and Africa Forecasted Consumption of Wide Bandgap WBG Power Semiconductor Devices by Country

## **11 FORECAST MARKET BY TYPE AND BY APPLICATION (2024-2029)**

11.1 Global Wide Bandgap WBG Power Semiconductor Devices Market Forecast by Type (2024-2029)

11.1.1 Global Forecasted Sales of Wide Bandgap WBG Power Semiconductor Devices by Type (2024-2029)

11.1.2 Global Wide Bandgap WBG Power Semiconductor Devices Market Size Forecast by Type (2024-2029)

11.1.3 Global Forecasted Price of Wide Bandgap WBG Power Semiconductor Devices by Type (2024-2029)

11.2 Global Wide Bandgap WBG Power Semiconductor Devices Market Forecast by Application (2024-2029)

11.2.1 Global Wide Bandgap WBG Power Semiconductor Devices Sales (K Units) Forecast by Application

11.2.2 Global Wide Bandgap WBG Power Semiconductor Devices Market Size (M USD) Forecast by Application (2024-2029)

## **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. Wide Bandgap WBG Power Semiconductor Devices Market Size Comparison by Region (M USD)

Table 5. Global Wide Bandgap WBG Power Semiconductor Devices Sales (K Units) by Manufacturers (2018-2023)

Table 6. Global Wide Bandgap WBG Power Semiconductor Devices Sales Market Share by Manufacturers (2018-2023)

Table 7. Global Wide Bandgap WBG Power Semiconductor Devices Revenue (M USD) by Manufacturers (2018-2023)

Table 8. Global Wide Bandgap WBG Power Semiconductor Devices Revenue Share by Manufacturers (2018-2023)

Table 9. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Wide Bandgap WBG Power Semiconductor Devices as of 2022)

Table 10. Global Market Wide Bandgap WBG Power Semiconductor Devices Average Price (USD/Unit) of Key Manufacturers (2018-2023)

Table 11. Manufacturers Wide Bandgap WBG Power Semiconductor Devices Sales Sites and Area Served

Table 12. Manufacturers Wide Bandgap WBG Power Semiconductor Devices Product Type

Table 13. Global Wide Bandgap WBG Power Semiconductor Devices Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 14. Mergers & Acquisitions, Expansion Plans

Table 15. Industry Chain Map of Wide Bandgap WBG Power Semiconductor 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. Wide Bandgap WBG Power Semiconductor Devices Market Challenges

Table 22. Market Restraints

Table 23. Global Wide Bandgap WBG Power Semiconductor Devices Sales by Type (K Units)

Table 24. Global Wide Bandgap WBG Power Semiconductor Devices Market Size by



Type (M USD)

Table 25. Global Wide Bandgap WBG Power Semiconductor Devices Sales (K Units) by Type (2018-2023)

Table 26. Global Wide Bandgap WBG Power Semiconductor Devices Sales Market Share by Type (2018-2023)

Table 27. Global Wide Bandgap WBG Power Semiconductor Devices Market Size (M USD) by Type (2018-2023)

Table 28. Global Wide Bandgap WBG Power Semiconductor Devices Market Size Share by Type (2018-2023)

Table 29. Global Wide Bandgap WBG Power Semiconductor Devices Price (USD/Unit) by Type (2018-2023)

Table 30. Global Wide Bandgap WBG Power Semiconductor Devices Sales (K Units) by Application

Table 31. Global Wide Bandgap WBG Power Semiconductor Devices Market Size by Application

Table 32. Global Wide Bandgap WBG Power Semiconductor Devices Sales by Application (2018-2023) & (K Units)

Table 33. Global Wide Bandgap WBG Power Semiconductor Devices Sales Market Share by Application (2018-2023)

Table 34. Global Wide Bandgap WBG Power Semiconductor Devices Sales by Application (2018-2023) & (M USD)

Table 35. Global Wide Bandgap WBG Power Semiconductor Devices Market Share by Application (2018-2023)

Table 36. Global Wide Bandgap WBG Power Semiconductor Devices Sales Growth Rate by Application (2018-2023)

Table 37. Global Wide Bandgap WBG Power Semiconductor Devices Sales by Region (2018-2023) & (K Units)

Table 38. Global Wide Bandgap WBG Power Semiconductor Devices Sales Market Share by Region (2018-2023)

Table 39. North America Wide Bandgap WBG Power Semiconductor Devices Sales by Country (2018-2023) & (K Units)

Table 40. Europe Wide Bandgap WBG Power Semiconductor Devices Sales by Country (2018-2023) & (K Units)

Table 41. Asia Pacific Wide Bandgap WBG Power Semiconductor Devices Sales by Region (2018-2023) & (K Units)

Table 42. South America Wide Bandgap WBG Power Semiconductor Devices Sales by Country (2018-2023) & (K Units)

Table 43. Middle East and Africa Wide Bandgap WBG Power Semiconductor Devices Sales by Region (2018-2023) & (K Units)



Table 44. Qorvo Wide Bandgap WBG Power Semiconductor Devices Basic Information

Table 45. Qorvo Wide Bandgap WBG Power Semiconductor Devices Product Overview

Table 46. Qorvo Wide Bandgap WBG Power Semiconductor Devices Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2018-2023)

Table 47. Qorvo Business Overview

Table 48. Qorvo Wide Bandgap WBG Power Semiconductor Devices SWOT Analysis

Table 49. Qorvo Recent Developments

Table 50. STMicroelectronics Wide Bandgap WBG Power Semiconductor Devices Basic Information

Table 51. STMicroelectronics Wide Bandgap WBG Power Semiconductor Devices Product Overview

Table 52. STMicroelectronics Wide Bandgap WBG Power Semiconductor Devices Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2018-2023)

Table 53. STMicroelectronics Business Overview

Table 54. STMicroelectronics Wide Bandgap WBG Power Semiconductor Devices SWOT Analysis

Table 55. STMicroelectronics Recent Developments

Table 56. ROHM SEMICONDUCTOR Wide Bandgap WBG Power Semiconductor Devices Basic Information

Table 57. ROHM SEMICONDUCTOR Wide Bandgap WBG Power Semiconductor Devices Product Overview

Table 58. ROHM SEMICONDUCTOR Wide Bandgap WBG Power Semiconductor Devices Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2018-2023)

Table 59. ROHM SEMICONDUCTOR Business Overview

Table 60. ROHM SEMICONDUCTOR Wide Bandgap WBG Power Semiconductor Devices SWOT Analysis

Table 61. ROHM SEMICONDUCTOR Recent Developments

Table 62. United Silicon Carbide Wide Bandgap WBG Power Semiconductor Devices Basic Information

Table 63. United Silicon Carbide Wide Bandgap WBG Power Semiconductor Devices Product Overview

Table 64. United Silicon Carbide Wide Bandgap WBG Power Semiconductor Devices Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2018-2023)

Table 65. United Silicon Carbide Business Overview

Table 66. United Silicon Carbide Wide Bandgap WBG Power Semiconductor Devices SWOT Analysis

Table 67. United Silicon Carbide Recent Developments

Table 68. GaN Systems Wide Bandgap WBG Power Semiconductor Devices Basic

## Information

Table 69. GaN Systems Wide Bandgap WBG Power Semiconductor Devices Product Overview

Table 70. GaN Systems Wide Bandgap WBG Power Semiconductor Devices Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2018-2023)

Table 71. GaN Systems Business Overview

Table 72. GaN Systems Wide Bandgap WBG Power Semiconductor Devices SWOT Analysis

Table 73. GaN Systems Recent Developments

Table 74. Transphorm Wide Bandgap WBG Power Semiconductor Devices Basic Information

Table 75. Transphorm Wide Bandgap WBG Power Semiconductor Devices Product Overview

Table 76. Transphorm Wide Bandgap WBG Power Semiconductor Devices Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2018-2023)

Table 77. Transphorm Business Overview

Table 78. Transphorm Recent Developments

Table 79. Cree Wide Bandgap WBG Power Semiconductor Devices Basic Information

Table 80. Cree Wide Bandgap WBG Power Semiconductor Devices Product Overview

Table 81. Cree Wide Bandgap WBG Power Semiconductor Devices Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2018-2023)

Table 82. Cree Business Overview

Table 83. Cree Recent Developments

Table 84. Infineon Technologies Wide Bandgap WBG Power Semiconductor Devices Basic Information

Table 85. Infineon Technologies Wide Bandgap WBG Power Semiconductor Devices Product Overview

Table 86. Infineon Technologies Wide Bandgap WBG Power Semiconductor Devices Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2018-2023)

Table 87. Infineon Technologies Business Overview

Table 88. Infineon Technologies Recent Developments

Table 89. Ceramicforum Wide Bandgap WBG Power Semiconductor Devices Basic Information

Table 90. Ceramicforum Wide Bandgap WBG Power Semiconductor Devices Product Overview

Table 91. Ceramicforum Wide Bandgap WBG Power Semiconductor Devices Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2018-2023)

Table 92. Ceramicforum Business Overview

Table 93. Ceramicforum Recent Developments

Table 94. KEMET Wide Bandgap WBG Power Semiconductor Devices Basic Information

Table 95. KEMET Wide Bandgap WBG Power Semiconductor Devices Product Overview

Table 96. KEMET Wide Bandgap WBG Power Semiconductor Devices Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2018-2023)

Table 97. KEMET Business Overview

Table 98. KEMET Recent Developments

Table 99. Keysight Technologies Wide Bandgap WBG Power Semiconductor Devices Basic Information

Table 100. Keysight Technologies Wide Bandgap WBG Power Semiconductor Devices Product Overview

Table 101. Keysight Technologies Wide Bandgap WBG Power Semiconductor Devices Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2018-2023)

Table 102. Keysight Technologies Business Overview

Table 103. Keysight Technologies Recent Developments

Table 104. AKHAN Semiconductor Wide Bandgap WBG Power Semiconductor Devices Basic Information

Table 105. AKHAN Semiconductor Wide Bandgap WBG Power Semiconductor Devices Product Overview

Table 106. AKHAN Semiconductor Wide Bandgap WBG Power Semiconductor Devices Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2018-2023)

Table 107. AKHAN Semiconductor Business Overview

Table 108. AKHAN Semiconductor Recent Developments

Table 109. Alpha and Omega Semiconductor Wide Bandgap WBG Power Semiconductor Devices Basic Information

Table 110. Alpha and Omega Semiconductor Wide Bandgap WBG Power Semiconductor Devices Product Overview

Table 111. Alpha and Omega Semiconductor Wide Bandgap WBG Power Semiconductor Devices Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2018-2023)

Table 112. Alpha and Omega Semiconductor Business Overview

Table 113. Alpha and Omega Semiconductor Recent Developments

Table 114. Reedholm Systems Wide Bandgap WBG Power Semiconductor Devices Basic Information

Table 115. Reedholm Systems Wide Bandgap WBG Power Semiconductor Devices Product Overview

Table 116. Reedholm Systems Wide Bandgap WBG Power Semiconductor Devices Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2018-2023)

Table 117. Reedholm Systems Business Overview

Table 118. Reedholm Systems Recent Developments

Table 119. Global Wide Bandgap WBG Power Semiconductor Devices Sales Forecast by Region (2024-2029) & (K Units)

Table 120. Global Wide Bandgap WBG Power Semiconductor Devices Market Size Forecast by Region (2024-2029) & (M USD)

Table 121. North America Wide Bandgap WBG Power Semiconductor Devices Sales Forecast by Country (2024-2029) & (K Units)

Table 122. North America Wide Bandgap WBG Power Semiconductor Devices Market Size Forecast by Country (2024-2029) & (M USD)

Table 123. Europe Wide Bandgap WBG Power Semiconductor Devices Sales Forecast by Country (2024-2029) & (K Units)

Table 124. Europe Wide Bandgap WBG Power Semiconductor Devices Market Size Forecast by Country (2024-2029) & (M USD)

Table 125. Asia Pacific Wide Bandgap WBG Power Semiconductor Devices Sales Forecast by Region (2024-2029) & (K Units)

Table 126. Asia Pacific Wide Bandgap WBG Power Semiconductor Devices Market Size Forecast by Region (2024-2029) & (M USD)

Table 127. South America Wide Bandgap WBG Power Semiconductor Devices Sales Forecast by Country (2024-2029) & (K Units)

Table 128. South America Wide Bandgap WBG Power Semiconductor Devices Market Size Forecast by Country (2024-2029) & (M USD)

Table 129. Middle East and Africa Wide Bandgap WBG Power Semiconductor Devices Consumption Forecast by Country (2024-2029) & (Units)

Table 130. Middle East and Africa Wide Bandgap WBG Power Semiconductor Devices Market Size Forecast by Country (2024-2029) & (M USD)

Table 131. Global Wide Bandgap WBG Power Semiconductor Devices Sales Forecast by Type (2024-2029) & (K Units)

Table 132. Global Wide Bandgap WBG Power Semiconductor Devices Market Size Forecast by Type (2024-2029) & (M USD)

Table 133. Global Wide Bandgap WBG Power Semiconductor Devices Price Forecast by Type (2024-2029) & (USD/Unit)

Table 134. Global Wide Bandgap WBG Power Semiconductor Devices Sales (K Units) Forecast by Application (2024-2029)

Table 135. Global Wide Bandgap WBG Power Semiconductor Devices Market Size Forecast by Application (2024-2029) & (M USD)

## List Of Figures

### LIST OF FIGURES

Figure 1. Product Picture of Wide Bandgap WBG Power Semiconductor Devices

Figure 2. Data Triangulation

Figure 3. Key Caveats

Figure 4. Global Wide Bandgap WBG Power Semiconductor Devices Market Size (M USD), 2018-2029

Figure 5. Global Wide Bandgap WBG Power Semiconductor Devices Market Size (M USD) (2018-2029)

Figure 6. Global Wide Bandgap WBG Power Semiconductor Devices Sales (K Units) & (2018-2029)

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. Wide Bandgap WBG Power Semiconductor Devices Market Size by Country (M USD)

Figure 11. Wide Bandgap WBG Power Semiconductor Devices Sales Share by Manufacturers in 2022

Figure 12. Global Wide Bandgap WBG Power Semiconductor Devices Revenue Share by Manufacturers in 2022

Figure 13. Wide Bandgap WBG Power Semiconductor Devices Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2018 Vs 2022

Figure 14. Global Market Wide Bandgap WBG Power Semiconductor Devices Average Price (USD/Unit) of Key Manufacturers in 2022

Figure 15. The Global 5 and 10 Largest Players: Market Share by Wide Bandgap WBG Power Semiconductor Devices Revenue in 2022

Figure 16. Evaluation Matrix of Segment Market Development Potential (Type)

Figure 17. Global Wide Bandgap WBG Power Semiconductor Devices Market Share by Type

Figure 18. Sales Market Share of Wide Bandgap WBG Power Semiconductor Devices by Type (2018-2023)

Figure 19. Sales Market Share of Wide Bandgap WBG Power Semiconductor Devices by Type in 2022

Figure 20. Market Size Share of Wide Bandgap WBG Power Semiconductor Devices by Type (2018-2023)

Figure 21. Market Size Market Share of Wide Bandgap WBG Power Semiconductor Devices by Type in 2022



Figure 22. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 23. Global Wide Bandgap WBG Power Semiconductor Devices Market Share by Application

Figure 24. Global Wide Bandgap WBG Power Semiconductor Devices Sales Market Share by Application (2018-2023)

Figure 25. Global Wide Bandgap WBG Power Semiconductor Devices Sales Market Share by Application in 2022

Figure 26. Global Wide Bandgap WBG Power Semiconductor Devices Market Share by Application (2018-2023)

Figure 27. Global Wide Bandgap WBG Power Semiconductor Devices Market Share by Application in 2022

Figure 28. Global Wide Bandgap WBG Power Semiconductor Devices Sales Growth Rate by Application (2018-2023)

Figure 29. Global Wide Bandgap WBG Power Semiconductor Devices Sales Market Share by Region (2018-2023)

Figure 30. North America Wide Bandgap WBG Power Semiconductor Devices Sales and Growth Rate (2018-2023) & (K Units)

Figure 31. North America Wide Bandgap WBG Power Semiconductor Devices Sales Market Share by Country in 2022

Figure 32. U.S. Wide Bandgap WBG Power Semiconductor Devices Sales and Growth Rate (2018-2023) & (K Units)

Figure 33. Canada Wide Bandgap WBG Power Semiconductor Devices Sales (K Units) and Growth Rate (2018-2023)

Figure 34. Mexico Wide Bandgap WBG Power Semiconductor Devices Sales (Units) and Growth Rate (2018-2023)

Figure 35. Europe Wide Bandgap WBG Power Semiconductor Devices Sales and Growth Rate (2018-2023) & (K Units)

Figure 36. Europe Wide Bandgap WBG Power Semiconductor Devices Sales Market Share by Country in 2022

Figure 37. Germany Wide Bandgap WBG Power Semiconductor Devices Sales and Growth Rate (2018-2023) & (K Units)

Figure 38. France Wide Bandgap WBG Power Semiconductor Devices Sales and Growth Rate (2018-2023) & (K Units)

Figure 39. U.K. Wide Bandgap WBG Power Semiconductor Devices Sales and Growth Rate (2018-2023) & (K Units)

Figure 40. Italy Wide Bandgap WBG Power Semiconductor Devices Sales and Growth Rate (2018-2023) & (K Units)

Figure 41. Russia Wide Bandgap WBG Power Semiconductor Devices Sales and Growth Rate (2018-2023) & (K Units)

Figure 42. Asia Pacific Wide Bandgap WBG Power Semiconductor Devices Sales and Growth Rate (K Units)

Figure 43. Asia Pacific Wide Bandgap WBG Power Semiconductor Devices Sales Market Share by Region in 2022

Figure 44. China Wide Bandgap WBG Power Semiconductor Devices Sales and Growth Rate (2018-2023) & (K Units)

Figure 45. Japan Wide Bandgap WBG Power Semiconductor Devices Sales and Growth Rate (2018-2023) & (K Units)

Figure 46. South Korea Wide Bandgap WBG Power Semiconductor Devices Sales and Growth Rate (2018-2023) & (K Units)

Figure 47. India Wide Bandgap WBG Power Semiconductor Devices Sales and Growth Rate (2018-2023) & (K Units)

Figure 48. Southeast Asia Wide Bandgap WBG Power Semiconductor Devices Sales and Growth Rate (2018-2023) & (K Units)

Figure 49. South America Wide Bandgap WBG Power Semiconductor Devices Sales and Growth Rate (K Units)

Figure 50. South America Wide Bandgap WBG Power Semiconductor Devices Sales Market Share by Country in 2022

Figure 51. Brazil Wide Bandgap WBG Power Semiconductor Devices Sales and Growth Rate (2018-2023) & (K Units)

Figure 52. Argentina Wide Bandgap WBG Power Semiconductor Devices Sales and Growth Rate (2018-2023) & (K Units)

Figure 53. Columbia Wide Bandgap WBG Power Semiconductor Devices Sales and Growth Rate (2018-2023) & (K Units)

Figure 54. Middle East and Africa Wide Bandgap WBG Power Semiconductor Devices Sales and Growth Rate (K Units)

Figure 55. Middle East and Africa Wide Bandgap WBG Power Semiconductor Devices Sales Market Share by Region in 2022

Figure 56. Saudi Arabia Wide Bandgap WBG Power Semiconductor Devices Sales and Growth Rate (2018-2023) & (K Units)

Figure 57. UAE Wide Bandgap WBG Power Semiconductor Devices Sales and Growth Rate (2018-2023) & (K Units)

Figure 58. Egypt Wide Bandgap WBG Power Semiconductor Devices Sales and Growth Rate (2018-2023) & (K Units)

Figure 59. Nigeria Wide Bandgap WBG Power Semiconductor Devices Sales and Growth Rate (2018-2023) & (K Units)

Figure 60. South Africa Wide Bandgap WBG Power Semiconductor Devices Sales and Growth Rate (2018-2023) & (K Units)

Figure 61. Global Wide Bandgap WBG Power Semiconductor Devices Sales Forecast



by Volume (2018-2029) & (K Units)

Figure 62. Global Wide Bandgap WBG Power Semiconductor Devices Market Size Forecast by Value (2018-2029) & (M USD)

Figure 63. Global Wide Bandgap WBG Power Semiconductor Devices Sales Market Share Forecast by Type (2024-2029)

Figure 64. Global Wide Bandgap WBG Power Semiconductor Devices Market Share Forecast by Type (2024-2029)

Figure 65. Global Wide Bandgap WBG Power Semiconductor Devices Sales Forecast by Application (2024-2029)

Figure 66. Global Wide Bandgap WBG Power Semiconductor Devices Market Share Forecast by Application (2024-2029)

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