

Global Silicon Carbide-Based Power Device Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

<https://marketpublishers.com/r/G638C61AE837EN.html>

Date: March 2023

Pages: 104

Price: US\$ 3,480.00 (Single User License)

ID: G638C61AE837EN

Abstracts

According to our (Global Info Research) latest study, the global Silicon Carbide-Based Power Device market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

Silicon carbide-based power devices, also known as power electronic devices, are mainly used in high-power electronic devices for power conversion and control circuits of power equipment, including power diodes, power transistors, thyristors, MOSFETs, IGBTs, etc.

This report is a detailed and comprehensive analysis for global Silicon Carbide-Based Power Device market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2023, are provided.

Key Features:

Global Silicon Carbide-Based Power Device market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global Silicon Carbide-Based Power Device market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global Silicon Carbide-Based Power Device market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global Silicon Carbide-Based Power Device market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2018-2023

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Silicon Carbide-Based Power Device

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Silicon Carbide-Based Power Device market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Infineon Technologies, Fuji Electric, Mitsubishi Electric, ON Semiconductor and Toshiba Corporation, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Market Segmentation

Silicon Carbide-Based Power Device 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. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Power Discrete Devices

Power Modules

Power ICs

Market segment by Application

Automotive

Energy

Industrial

Transport

Other

Major players covered

Infineon Technologies

Fuji Electric

Mitsubishi Electric

ON Semiconductor

Toshiba Corporation

STMicroelectronics

ROHM SEMICONDUCTOR

China Resources Microelectronics Limited

Wuxi NCE Power

StarPower Semiconductor

Hangzhou Silan Microelectronics

Zibo Green Innocore Electronic Technology

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Silicon Carbide-Based Power Device product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Silicon Carbide-Based Power Device, with price, sales, revenue and global market share of Silicon Carbide-Based Power Device from 2018 to 2023.

Chapter 3, the Silicon Carbide-Based Power Device competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Silicon Carbide-Based Power Device breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2022. and Silicon Carbide-Based Power Device market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of Silicon Carbide-Based Power Device.

Chapter 14 and 15, to describe Silicon Carbide-Based Power Device sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope of Silicon Carbide-Based Power Device

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Silicon Carbide-Based Power Device Consumption Value by Type: 2018 Versus 2022 Versus 2029

1.3.2 Power Discrete Devices

1.3.3 Power Modules

1.3.4 Power ICs

1.4 Market Analysis by Application

1.4.1 Overview: Global Silicon Carbide-Based Power Device Consumption Value by Application: 2018 Versus 2022 Versus 2029

1.4.2 Automotive

1.4.3 Energy

1.4.4 Industrial

1.4.5 Transport

1.4.6 Other

1.5 Global Silicon Carbide-Based Power Device Market Size & Forecast

1.5.1 Global Silicon Carbide-Based Power Device Consumption Value (2018 & 2022 & 2029)

1.5.2 Global Silicon Carbide-Based Power Device Sales Quantity (2018-2029)

1.5.3 Global Silicon Carbide-Based Power Device Average Price (2018-2029)

2 MANUFACTURERS PROFILES

2.1 Infineon Technologies

2.1.1 Infineon Technologies Details

2.1.2 Infineon Technologies Major Business

2.1.3 Infineon Technologies Silicon Carbide-Based Power Device Product and Services

2.1.4 Infineon Technologies Silicon Carbide-Based Power Device Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.1.5 Infineon Technologies Recent Developments/Updates

2.2 Fuji Electric

2.2.1 Fuji Electric Details

2.2.2 Fuji Electric Major Business

- 2.2.3 Fuji Electric Silicon Carbide-Based Power Device Product and Services
- 2.2.4 Fuji Electric Silicon Carbide-Based Power Device Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
- 2.2.5 Fuji Electric Recent Developments/Updates
- 2.3 Mitsubishi Electric
 - 2.3.1 Mitsubishi Electric Details
 - 2.3.2 Mitsubishi Electric Major Business
 - 2.3.3 Mitsubishi Electric Silicon Carbide-Based Power Device Product and Services
 - 2.3.4 Mitsubishi Electric Silicon Carbide-Based Power Device Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.3.5 Mitsubishi Electric Recent Developments/Updates
- 2.4 ON Semiconductor
 - 2.4.1 ON Semiconductor Details
 - 2.4.2 ON Semiconductor Major Business
 - 2.4.3 ON Semiconductor Silicon Carbide-Based Power Device Product and Services
 - 2.4.4 ON Semiconductor Silicon Carbide-Based Power Device Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.4.5 ON Semiconductor Recent Developments/Updates
- 2.5 Toshiba Corporation
 - 2.5.1 Toshiba Corporation Details
 - 2.5.2 Toshiba Corporation Major Business
 - 2.5.3 Toshiba Corporation Silicon Carbide-Based Power Device Product and Services
 - 2.5.4 Toshiba Corporation Silicon Carbide-Based Power Device Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.5.5 Toshiba Corporation Recent Developments/Updates
- 2.6 STMicroelectronics
 - 2.6.1 STMicroelectronics Details
 - 2.6.2 STMicroelectronics Major Business
 - 2.6.3 STMicroelectronics Silicon Carbide-Based Power Device Product and Services
 - 2.6.4 STMicroelectronics Silicon Carbide-Based Power Device Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.6.5 STMicroelectronics Recent Developments/Updates
- 2.7 ROHM SEMICONDUCTOR
 - 2.7.1 ROHM SEMICONDUCTOR Details
 - 2.7.2 ROHM SEMICONDUCTOR Major Business
 - 2.7.3 ROHM SEMICONDUCTOR Silicon Carbide-Based Power Device Product and Services
 - 2.7.4 ROHM SEMICONDUCTOR Silicon Carbide-Based Power Device Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

- 2.7.5 ROHM SEMICONDUCTOR Recent Developments/Updates
- 2.8 China Resources Microelectronics Limited
 - 2.8.1 China Resources Microelectronics Limited Details
 - 2.8.2 China Resources Microelectronics Limited Major Business
 - 2.8.3 China Resources Microelectronics Limited Silicon Carbide-Based Power Device Product and Services
 - 2.8.4 China Resources Microelectronics Limited Silicon Carbide-Based Power Device Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.8.5 China Resources Microelectronics Limited Recent Developments/Updates
- 2.9 Wuxi NCE Power
 - 2.9.1 Wuxi NCE Power Details
 - 2.9.2 Wuxi NCE Power Major Business
 - 2.9.3 Wuxi NCE Power Silicon Carbide-Based Power Device Product and Services
 - 2.9.4 Wuxi NCE Power Silicon Carbide-Based Power Device Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.9.5 Wuxi NCE Power Recent Developments/Updates
- 2.10 StarPower Semiconductor
 - 2.10.1 StarPower Semiconductor Details
 - 2.10.2 StarPower Semiconductor Major Business
 - 2.10.3 StarPower Semiconductor Silicon Carbide-Based Power Device Product and Services
 - 2.10.4 StarPower Semiconductor Silicon Carbide-Based Power Device Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.10.5 StarPower Semiconductor Recent Developments/Updates
- 2.11 Hangzhou Silan Microelectronics
 - 2.11.1 Hangzhou Silan Microelectronics Details
 - 2.11.2 Hangzhou Silan Microelectronics Major Business
 - 2.11.3 Hangzhou Silan Microelectronics Silicon Carbide-Based Power Device Product and Services
 - 2.11.4 Hangzhou Silan Microelectronics Silicon Carbide-Based Power Device Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.11.5 Hangzhou Silan Microelectronics Recent Developments/Updates
- 2.12 Zibo Green Innocore Electronic Technology
 - 2.12.1 Zibo Green Innocore Electronic Technology Details
 - 2.12.2 Zibo Green Innocore Electronic Technology Major Business
 - 2.12.3 Zibo Green Innocore Electronic Technology Silicon Carbide-Based Power Device Product and Services
 - 2.12.4 Zibo Green Innocore Electronic Technology Silicon Carbide-Based Power Device Sales Quantity, Average Price, Revenue, Gross Margin and Market Share

(2018-2023)

2.12.5 Zibo Green Innocore Electronic Technology Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: SILICON CARBIDE-BASED POWER DEVICE BY MANUFACTURER

3.1 Global Silicon Carbide-Based Power Device Sales Quantity by Manufacturer (2018-2023)

3.2 Global Silicon Carbide-Based Power Device Revenue by Manufacturer (2018-2023)

3.3 Global Silicon Carbide-Based Power Device Average Price by Manufacturer (2018-2023)

3.4 Market Share Analysis (2022)

3.4.1 Producer Shipments of Silicon Carbide-Based Power Device by Manufacturer Revenue (\$MM) and Market Share (%): 2022

3.4.2 Top 3 Silicon Carbide-Based Power Device Manufacturer Market Share in 2022

3.4.2 Top 6 Silicon Carbide-Based Power Device Manufacturer Market Share in 2022

3.5 Silicon Carbide-Based Power Device Market: Overall Company Footprint Analysis

3.5.1 Silicon Carbide-Based Power Device Market: Region Footprint

3.5.2 Silicon Carbide-Based Power Device Market: Company Product Type Footprint

3.5.3 Silicon Carbide-Based Power Device Market: Company Product Application

Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

4.1 Global Silicon Carbide-Based Power Device Market Size by Region

4.1.1 Global Silicon Carbide-Based Power Device Sales Quantity by Region (2018-2029)

4.1.2 Global Silicon Carbide-Based Power Device Consumption Value by Region (2018-2029)

4.1.3 Global Silicon Carbide-Based Power Device Average Price by Region (2018-2029)

4.2 North America Silicon Carbide-Based Power Device Consumption Value (2018-2029)

4.3 Europe Silicon Carbide-Based Power Device Consumption Value (2018-2029)

4.4 Asia-Pacific Silicon Carbide-Based Power Device Consumption Value (2018-2029)

4.5 South America Silicon Carbide-Based Power Device Consumption Value (2018-2029)

4.6 Middle East and Africa Silicon Carbide-Based Power Device Consumption Value (2018-2029)

5 MARKET SEGMENT BY TYPE

5.1 Global Silicon Carbide-Based Power Device Sales Quantity by Type (2018-2029)

5.2 Global Silicon Carbide-Based Power Device Consumption Value by Type (2018-2029)

5.3 Global Silicon Carbide-Based Power Device Average Price by Type (2018-2029)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Silicon Carbide-Based Power Device Sales Quantity by Application (2018-2029)

6.2 Global Silicon Carbide-Based Power Device Consumption Value by Application (2018-2029)

6.3 Global Silicon Carbide-Based Power Device Average Price by Application (2018-2029)

7 NORTH AMERICA

7.1 North America Silicon Carbide-Based Power Device Sales Quantity by Type (2018-2029)

7.2 North America Silicon Carbide-Based Power Device Sales Quantity by Application (2018-2029)

7.3 North America Silicon Carbide-Based Power Device Market Size by Country

7.3.1 North America Silicon Carbide-Based Power Device Sales Quantity by Country (2018-2029)

7.3.2 North America Silicon Carbide-Based Power Device Consumption Value by Country (2018-2029)

7.3.3 United States Market Size and Forecast (2018-2029)

7.3.4 Canada Market Size and Forecast (2018-2029)

7.3.5 Mexico Market Size and Forecast (2018-2029)

8 EUROPE

8.1 Europe Silicon Carbide-Based Power Device Sales Quantity by Type (2018-2029)

8.2 Europe Silicon Carbide-Based Power Device Sales Quantity by Application (2018-2029)

8.3 Europe Silicon Carbide-Based Power Device Market Size by Country

8.3.1 Europe Silicon Carbide-Based Power Device Sales Quantity by Country (2018-2029)

8.3.2 Europe Silicon Carbide-Based Power Device Consumption Value by Country (2018-2029)

8.3.3 Germany Market Size and Forecast (2018-2029)

8.3.4 France Market Size and Forecast (2018-2029)

8.3.5 United Kingdom Market Size and Forecast (2018-2029)

8.3.6 Russia Market Size and Forecast (2018-2029)

8.3.7 Italy Market Size and Forecast (2018-2029)

9 ASIA-PACIFIC

9.1 Asia-Pacific Silicon Carbide-Based Power Device Sales Quantity by Type (2018-2029)

9.2 Asia-Pacific Silicon Carbide-Based Power Device Sales Quantity by Application (2018-2029)

9.3 Asia-Pacific Silicon Carbide-Based Power Device Market Size by Region

9.3.1 Asia-Pacific Silicon Carbide-Based Power Device Sales Quantity by Region (2018-2029)

9.3.2 Asia-Pacific Silicon Carbide-Based Power Device Consumption Value by Region (2018-2029)

9.3.3 China Market Size and Forecast (2018-2029)

9.3.4 Japan Market Size and Forecast (2018-2029)

9.3.5 Korea Market Size and Forecast (2018-2029)

9.3.6 India Market Size and Forecast (2018-2029)

9.3.7 Southeast Asia Market Size and Forecast (2018-2029)

9.3.8 Australia Market Size and Forecast (2018-2029)

10 SOUTH AMERICA

10.1 South America Silicon Carbide-Based Power Device Sales Quantity by Type (2018-2029)

10.2 South America Silicon Carbide-Based Power Device Sales Quantity by Application (2018-2029)

10.3 South America Silicon Carbide-Based Power Device Market Size by Country

10.3.1 South America Silicon Carbide-Based Power Device Sales Quantity by Country (2018-2029)

10.3.2 South America Silicon Carbide-Based Power Device Consumption Value by

Country (2018-2029)

10.3.3 Brazil Market Size and Forecast (2018-2029)

10.3.4 Argentina Market Size and Forecast (2018-2029)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Silicon Carbide-Based Power Device Sales Quantity by Type (2018-2029)

11.2 Middle East & Africa Silicon Carbide-Based Power Device Sales Quantity by Application (2018-2029)

11.3 Middle East & Africa Silicon Carbide-Based Power Device Market Size by Country

11.3.1 Middle East & Africa Silicon Carbide-Based Power Device Sales Quantity by Country (2018-2029)

11.3.2 Middle East & Africa Silicon Carbide-Based Power Device Consumption Value by Country (2018-2029)

11.3.3 Turkey Market Size and Forecast (2018-2029)

11.3.4 Egypt Market Size and Forecast (2018-2029)

11.3.5 Saudi Arabia Market Size and Forecast (2018-2029)

11.3.6 South Africa Market Size and Forecast (2018-2029)

12 MARKET DYNAMICS

12.1 Silicon Carbide-Based Power Device Market Drivers

12.2 Silicon Carbide-Based Power Device Market Restraints

12.3 Silicon Carbide-Based Power Device Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

12.5 Influence of COVID-19 and Russia-Ukraine War

12.5.1 Influence of COVID-19

12.5.2 Influence of Russia-Ukraine War

13 RAW MATERIAL AND INDUSTRY CHAIN

13.1 Raw Material of Silicon Carbide-Based Power Device and Key Manufacturers

13.2 Manufacturing Costs Percentage of Silicon Carbide-Based Power Device

13.3 Silicon Carbide-Based Power Device Production Process

13.4 Silicon Carbide-Based Power Device Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Silicon Carbide-Based Power Device Typical Distributors

14.3 Silicon Carbide-Based Power Device Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global Silicon Carbide-Based Power Device Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Table 2. Global Silicon Carbide-Based Power Device Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Table 3. Infineon Technologies Basic Information, Manufacturing Base and Competitors

Table 4. Infineon Technologies Major Business

Table 5. Infineon Technologies Silicon Carbide-Based Power Device Product and Services

Table 6. Infineon Technologies Silicon Carbide-Based Power Device Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 7. Infineon Technologies Recent Developments/Updates

Table 8. Fuji Electric Basic Information, Manufacturing Base and Competitors

Table 9. Fuji Electric Major Business

Table 10. Fuji Electric Silicon Carbide-Based Power Device Product and Services

Table 11. Fuji Electric Silicon Carbide-Based Power Device Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 12. Fuji Electric Recent Developments/Updates

Table 13. Mitsubishi Electric Basic Information, Manufacturing Base and Competitors

Table 14. Mitsubishi Electric Major Business

Table 15. Mitsubishi Electric Silicon Carbide-Based Power Device Product and Services

Table 16. Mitsubishi Electric Silicon Carbide-Based Power Device Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 17. Mitsubishi Electric Recent Developments/Updates

Table 18. ON Semiconductor Basic Information, Manufacturing Base and Competitors

Table 19. ON Semiconductor Major Business

Table 20. ON Semiconductor Silicon Carbide-Based Power Device Product and Services

Table 21. ON Semiconductor Silicon Carbide-Based Power Device Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 22. ON Semiconductor Recent Developments/Updates

Table 23. Toshiba Corporation Basic Information, Manufacturing Base and Competitors

Table 24. Toshiba Corporation Major Business

Table 25. Toshiba Corporation Silicon Carbide-Based Power Device Product and Services

Table 26. Toshiba Corporation Silicon Carbide-Based Power Device Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 27. Toshiba Corporation Recent Developments/Updates

Table 28. STMicroelectronics Basic Information, Manufacturing Base and Competitors

Table 29. STMicroelectronics Major Business

Table 30. STMicroelectronics Silicon Carbide-Based Power Device Product and Services

Table 31. STMicroelectronics Silicon Carbide-Based Power Device Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 32. STMicroelectronics Recent Developments/Updates

Table 33. ROHM SEMICONDUCTOR Basic Information, Manufacturing Base and Competitors

Table 34. ROHM SEMICONDUCTOR Major Business

Table 35. ROHM SEMICONDUCTOR Silicon Carbide-Based Power Device Product and Services

Table 36. ROHM SEMICONDUCTOR Silicon Carbide-Based Power Device Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 37. ROHM SEMICONDUCTOR Recent Developments/Updates

Table 38. China Resources Microelectronics Limited Basic Information, Manufacturing Base and Competitors

Table 39. China Resources Microelectronics Limited Major Business

Table 40. China Resources Microelectronics Limited Silicon Carbide-Based Power Device Product and Services

Table 41. China Resources Microelectronics Limited Silicon Carbide-Based Power Device Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 42. China Resources Microelectronics Limited Recent Developments/Updates

Table 43. Wuxi NCE Power Basic Information, Manufacturing Base and Competitors

Table 44. Wuxi NCE Power Major Business

Table 45. Wuxi NCE Power Silicon Carbide-Based Power Device Product and Services

Table 46. Wuxi NCE Power Silicon Carbide-Based Power Device Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 47. Wuxi NCE Power Recent Developments/Updates

Table 48. StarPower Semiconductor Basic Information, Manufacturing Base and Competitors

Table 49. StarPower Semiconductor Major Business

Table 50. StarPower Semiconductor Silicon Carbide-Based Power Device Product and Services

Table 51. StarPower Semiconductor Silicon Carbide-Based Power Device Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 52. StarPower Semiconductor Recent Developments/Updates

Table 53. Hangzhou Silan Microelectronics Basic Information, Manufacturing Base and Competitors

Table 54. Hangzhou Silan Microelectronics Major Business

Table 55. Hangzhou Silan Microelectronics Silicon Carbide-Based Power Device Product and Services

Table 56. Hangzhou Silan Microelectronics Silicon Carbide-Based Power Device Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 57. Hangzhou Silan Microelectronics Recent Developments/Updates

Table 58. Zibo Green Innocore Electronic Technology Basic Information, Manufacturing Base and Competitors

Table 59. Zibo Green Innocore Electronic Technology Major Business

Table 60. Zibo Green Innocore Electronic Technology Silicon Carbide-Based Power Device Product and Services

Table 61. Zibo Green Innocore Electronic Technology Silicon Carbide-Based Power Device Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 62. Zibo Green Innocore Electronic Technology Recent Developments/Updates

Table 63. Global Silicon Carbide-Based Power Device Sales Quantity by Manufacturer (2018-2023) & (K Units)

Table 64. Global Silicon Carbide-Based Power Device Revenue by Manufacturer (2018-2023) & (USD Million)

Table 65. Global Silicon Carbide-Based Power Device Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 66. Market Position of Manufacturers in Silicon Carbide-Based Power Device, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022

Table 67. Head Office and Silicon Carbide-Based Power Device Production Site of Key Manufacturer

Table 68. Silicon Carbide-Based Power Device Market: Company Product Type

Footprint

Table 69. Silicon Carbide-Based Power Device Market: Company Product Application Footprint

Table 70. Silicon Carbide-Based Power Device New Market Entrants and Barriers to Market Entry

Table 71. Silicon Carbide-Based Power Device Mergers, Acquisition, Agreements, and Collaborations

Table 72. Global Silicon Carbide-Based Power Device Sales Quantity by Region (2018-2023) & (K Units)

Table 73. Global Silicon Carbide-Based Power Device Sales Quantity by Region (2024-2029) & (K Units)

Table 74. Global Silicon Carbide-Based Power Device Consumption Value by Region (2018-2023) & (USD Million)

Table 75. Global Silicon Carbide-Based Power Device Consumption Value by Region (2024-2029) & (USD Million)

Table 76. Global Silicon Carbide-Based Power Device Average Price by Region (2018-2023) & (US\$/Unit)

Table 77. Global Silicon Carbide-Based Power Device Average Price by Region (2024-2029) & (US\$/Unit)

Table 78. Global Silicon Carbide-Based Power Device Sales Quantity by Type (2018-2023) & (K Units)

Table 79. Global Silicon Carbide-Based Power Device Sales Quantity by Type (2024-2029) & (K Units)

Table 80. Global Silicon Carbide-Based Power Device Consumption Value by Type (2018-2023) & (USD Million)

Table 81. Global Silicon Carbide-Based Power Device Consumption Value by Type (2024-2029) & (USD Million)

Table 82. Global Silicon Carbide-Based Power Device Average Price by Type (2018-2023) & (US\$/Unit)

Table 83. Global Silicon Carbide-Based Power Device Average Price by Type (2024-2029) & (US\$/Unit)

Table 84. Global Silicon Carbide-Based Power Device Sales Quantity by Application (2018-2023) & (K Units)

Table 85. Global Silicon Carbide-Based Power Device Sales Quantity by Application (2024-2029) & (K Units)

Table 86. Global Silicon Carbide-Based Power Device Consumption Value by Application (2018-2023) & (USD Million)

Table 87. Global Silicon Carbide-Based Power Device Consumption Value by Application (2024-2029) & (USD Million)

Table 88. Global Silicon Carbide-Based Power Device Average Price by Application (2018-2023) & (US\$/Unit)

Table 89. Global Silicon Carbide-Based Power Device Average Price by Application (2024-2029) & (US\$/Unit)

Table 90. North America Silicon Carbide-Based Power Device Sales Quantity by Type (2018-2023) & (K Units)

Table 91. North America Silicon Carbide-Based Power Device Sales Quantity by Type (2024-2029) & (K Units)

Table 92. North America Silicon Carbide-Based Power Device Sales Quantity by Application (2018-2023) & (K Units)

Table 93. North America Silicon Carbide-Based Power Device Sales Quantity by Application (2024-2029) & (K Units)

Table 94. North America Silicon Carbide-Based Power Device Sales Quantity by Country (2018-2023) & (K Units)

Table 95. North America Silicon Carbide-Based Power Device Sales Quantity by Country (2024-2029) & (K Units)

Table 96. North America Silicon Carbide-Based Power Device Consumption Value by Country (2018-2023) & (USD Million)

Table 97. North America Silicon Carbide-Based Power Device Consumption Value by Country (2024-2029) & (USD Million)

Table 98. Europe Silicon Carbide-Based Power Device Sales Quantity by Type (2018-2023) & (K Units)

Table 99. Europe Silicon Carbide-Based Power Device Sales Quantity by Type (2024-2029) & (K Units)

Table 100. Europe Silicon Carbide-Based Power Device Sales Quantity by Application (2018-2023) & (K Units)

Table 101. Europe Silicon Carbide-Based Power Device Sales Quantity by Application (2024-2029) & (K Units)

Table 102. Europe Silicon Carbide-Based Power Device Sales Quantity by Country (2018-2023) & (K Units)

Table 103. Europe Silicon Carbide-Based Power Device Sales Quantity by Country (2024-2029) & (K Units)

Table 104. Europe Silicon Carbide-Based Power Device Consumption Value by Country (2018-2023) & (USD Million)

Table 105. Europe Silicon Carbide-Based Power Device Consumption Value by Country (2024-2029) & (USD Million)

Table 106. Asia-Pacific Silicon Carbide-Based Power Device Sales Quantity by Type (2018-2023) & (K Units)

Table 107. Asia-Pacific Silicon Carbide-Based Power Device Sales Quantity by Type

(2024-2029) & (K Units)

Table 108. Asia-Pacific Silicon Carbide-Based Power Device Sales Quantity by Application (2018-2023) & (K Units)

Table 109. Asia-Pacific Silicon Carbide-Based Power Device Sales Quantity by Application (2024-2029) & (K Units)

Table 110. Asia-Pacific Silicon Carbide-Based Power Device Sales Quantity by Region (2018-2023) & (K Units)

Table 111. Asia-Pacific Silicon Carbide-Based Power Device Sales Quantity by Region (2024-2029) & (K Units)

Table 112. Asia-Pacific Silicon Carbide-Based Power Device Consumption Value by Region (2018-2023) & (USD Million)

Table 113. Asia-Pacific Silicon Carbide-Based Power Device Consumption Value by Region (2024-2029) & (USD Million)

Table 114. South America Silicon Carbide-Based Power Device Sales Quantity by Type (2018-2023) & (K Units)

Table 115. South America Silicon Carbide-Based Power Device Sales Quantity by Type (2024-2029) & (K Units)

Table 116. South America Silicon Carbide-Based Power Device Sales Quantity by Application (2018-2023) & (K Units)

Table 117. South America Silicon Carbide-Based Power Device Sales Quantity by Application (2024-2029) & (K Units)

Table 118. South America Silicon Carbide-Based Power Device Sales Quantity by Country (2018-2023) & (K Units)

Table 119. South America Silicon Carbide-Based Power Device Sales Quantity by Country (2024-2029) & (K Units)

Table 120. South America Silicon Carbide-Based Power Device Consumption Value by Country (2018-2023) & (USD Million)

Table 121. South America Silicon Carbide-Based Power Device Consumption Value by Country (2024-2029) & (USD Million)

Table 122. Middle East & Africa Silicon Carbide-Based Power Device Sales Quantity by Type (2018-2023) & (K Units)

Table 123. Middle East & Africa Silicon Carbide-Based Power Device Sales Quantity by Type (2024-2029) & (K Units)

Table 124. Middle East & Africa Silicon Carbide-Based Power Device Sales Quantity by Application (2018-2023) & (K Units)

Table 125. Middle East & Africa Silicon Carbide-Based Power Device Sales Quantity by Application (2024-2029) & (K Units)

Table 126. Middle East & Africa Silicon Carbide-Based Power Device Sales Quantity by Region (2018-2023) & (K Units)

Table 127. Middle East & Africa Silicon Carbide-Based Power Device Sales Quantity by Region (2024-2029) & (K Units)

Table 128. Middle East & Africa Silicon Carbide-Based Power Device Consumption Value by Region (2018-2023) & (USD Million)

Table 129. Middle East & Africa Silicon Carbide-Based Power Device Consumption Value by Region (2024-2029) & (USD Million)

Table 130. Silicon Carbide-Based Power Device Raw Material

Table 131. Key Manufacturers of Silicon Carbide-Based Power Device Raw Materials

Table 132. Silicon Carbide-Based Power Device Typical Distributors

Table 133. Silicon Carbide-Based Power Device Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. Silicon Carbide-Based Power Device Picture
- Figure 2. Global Silicon Carbide-Based Power Device Consumption Value by Type, (USD Million), 2018 & 2022 & 2029
- Figure 3. Global Silicon Carbide-Based Power Device Consumption Value Market Share by Type in 2022
- Figure 4. Power Discrete Devices Examples
- Figure 5. Power Modules Examples
- Figure 6. Power ICs Examples
- Figure 7. Global Silicon Carbide-Based Power Device Consumption Value by Application, (USD Million), 2018 & 2022 & 2029
- Figure 8. Global Silicon Carbide-Based Power Device Consumption Value Market Share by Application in 2022
- Figure 9. Automotive Examples
- Figure 10. Energy Examples
- Figure 11. Industrial Examples
- Figure 12. Transport Examples
- Figure 13. Other Examples
- Figure 14. Global Silicon Carbide-Based Power Device Consumption Value, (USD Million): 2018 & 2022 & 2029
- Figure 15. Global Silicon Carbide-Based Power Device Consumption Value and Forecast (2018-2029) & (USD Million)
- Figure 16. Global Silicon Carbide-Based Power Device Sales Quantity (2018-2029) & (K Units)
- Figure 17. Global Silicon Carbide-Based Power Device Average Price (2018-2029) & (US\$/Unit)
- Figure 18. Global Silicon Carbide-Based Power Device Sales Quantity Market Share by Manufacturer in 2022
- Figure 19. Global Silicon Carbide-Based Power Device Consumption Value Market Share by Manufacturer in 2022
- Figure 20. Producer Shipments of Silicon Carbide-Based Power Device by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2021
- Figure 21. Top 3 Silicon Carbide-Based Power Device Manufacturer (Consumption Value) Market Share in 2022
- Figure 22. Top 6 Silicon Carbide-Based Power Device Manufacturer (Consumption Value) Market Share in 2022

Figure 23. Global Silicon Carbide-Based Power Device Sales Quantity Market Share by Region (2018-2029)

Figure 24. Global Silicon Carbide-Based Power Device Consumption Value Market Share by Region (2018-2029)

Figure 25. North America Silicon Carbide-Based Power Device Consumption Value (2018-2029) & (USD Million)

Figure 26. Europe Silicon Carbide-Based Power Device Consumption Value (2018-2029) & (USD Million)

Figure 27. Asia-Pacific Silicon Carbide-Based Power Device Consumption Value (2018-2029) & (USD Million)

Figure 28. South America Silicon Carbide-Based Power Device Consumption Value (2018-2029) & (USD Million)

Figure 29. Middle East & Africa Silicon Carbide-Based Power Device Consumption Value (2018-2029) & (USD Million)

Figure 30. Global Silicon Carbide-Based Power Device Sales Quantity Market Share by Type (2018-2029)

Figure 31. Global Silicon Carbide-Based Power Device Consumption Value Market Share by Type (2018-2029)

Figure 32. Global Silicon Carbide-Based Power Device Average Price by Type (2018-2029) & (US\$/Unit)

Figure 33. Global Silicon Carbide-Based Power Device Sales Quantity Market Share by Application (2018-2029)

Figure 34. Global Silicon Carbide-Based Power Device Consumption Value Market Share by Application (2018-2029)

Figure 35. Global Silicon Carbide-Based Power Device Average Price by Application (2018-2029) & (US\$/Unit)

Figure 36. North America Silicon Carbide-Based Power Device Sales Quantity Market Share by Type (2018-2029)

Figure 37. North America Silicon Carbide-Based Power Device Sales Quantity Market Share by Application (2018-2029)

Figure 38. North America Silicon Carbide-Based Power Device Sales Quantity Market Share by Country (2018-2029)

Figure 39. North America Silicon Carbide-Based Power Device Consumption Value Market Share by Country (2018-2029)

Figure 40. United States Silicon Carbide-Based Power Device Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 41. Canada Silicon Carbide-Based Power Device Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 42. Mexico Silicon Carbide-Based Power Device Consumption Value and

Growth Rate (2018-2029) & (USD Million)

Figure 43. Europe Silicon Carbide-Based Power Device Sales Quantity Market Share by Type (2018-2029)

Figure 44. Europe Silicon Carbide-Based Power Device Sales Quantity Market Share by Application (2018-2029)

Figure 45. Europe Silicon Carbide-Based Power Device Sales Quantity Market Share by Country (2018-2029)

Figure 46. Europe Silicon Carbide-Based Power Device Consumption Value Market Share by Country (2018-2029)

Figure 47. Germany Silicon Carbide-Based Power Device Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 48. France Silicon Carbide-Based Power Device Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 49. United Kingdom Silicon Carbide-Based Power Device Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 50. Russia Silicon Carbide-Based Power Device Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 51. Italy Silicon Carbide-Based Power Device Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 52. Asia-Pacific Silicon Carbide-Based Power Device Sales Quantity Market Share by Type (2018-2029)

Figure 53. Asia-Pacific Silicon Carbide-Based Power Device Sales Quantity Market Share by Application (2018-2029)

Figure 54. Asia-Pacific Silicon Carbide-Based Power Device Sales Quantity Market Share by Region (2018-2029)

Figure 55. Asia-Pacific Silicon Carbide-Based Power Device Consumption Value Market Share by Region (2018-2029)

Figure 56. China Silicon Carbide-Based Power Device Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 57. Japan Silicon Carbide-Based Power Device Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 58. Korea Silicon Carbide-Based Power Device Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 59. India Silicon Carbide-Based Power Device Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 60. Southeast Asia Silicon Carbide-Based Power Device Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 61. Australia Silicon Carbide-Based Power Device Consumption Value and Growth Rate (2018-2029) & (USD Million)

- Figure 62. South America Silicon Carbide-Based Power Device Sales Quantity Market Share by Type (2018-2029)
- Figure 63. South America Silicon Carbide-Based Power Device Sales Quantity Market Share by Application (2018-2029)
- Figure 64. South America Silicon Carbide-Based Power Device Sales Quantity Market Share by Country (2018-2029)
- Figure 65. South America Silicon Carbide-Based Power Device Consumption Value Market Share by Country (2018-2029)
- Figure 66. Brazil Silicon Carbide-Based Power Device Consumption Value and Growth Rate (2018-2029) & (USD Million)
- Figure 67. Argentina Silicon Carbide-Based Power Device Consumption Value and Growth Rate (2018-2029) & (USD Million)
- Figure 68. Middle East & Africa Silicon Carbide-Based Power Device Sales Quantity Market Share by Type (2018-2029)
- Figure 69. Middle East & Africa Silicon Carbide-Based Power Device Sales Quantity Market Share by Application (2018-2029)
- Figure 70. Middle East & Africa Silicon Carbide-Based Power Device Sales Quantity Market Share by Region (2018-2029)
- Figure 71. Middle East & Africa Silicon Carbide-Based Power Device Consumption Value Market Share by Region (2018-2029)
- Figure 72. Turkey Silicon Carbide-Based Power Device Consumption Value and Growth Rate (2018-2029) & (USD Million)
- Figure 73. Egypt Silicon Carbide-Based Power Device Consumption Value and Growth Rate (2018-2029) & (USD Million)
- Figure 74. Saudi Arabia Silicon Carbide-Based Power Device Consumption Value and Growth Rate (2018-2029) & (USD Million)
- Figure 75. South Africa Silicon Carbide-Based Power Device Consumption Value and Growth Rate (2018-2029) & (USD Million)
- Figure 76. Silicon Carbide-Based Power Device Market Drivers
- Figure 77. Silicon Carbide-Based Power Device Market Restraints
- Figure 78. Silicon Carbide-Based Power Device Market Trends
- Figure 79. Porters Five Forces Analysis
- Figure 80. Manufacturing Cost Structure Analysis of Silicon Carbide-Based Power Device in 2022
- Figure 81. Manufacturing Process Analysis of Silicon Carbide-Based Power Device
- Figure 82. Silicon Carbide-Based Power Device Industrial Chain
- Figure 83. Sales Quantity Channel: Direct to End-User vs Distributors
- Figure 84. Direct Channel Pros & Cons
- Figure 85. Indirect Channel Pros & Cons

Figure 86. Methodology

Figure 87. Research Process and Data Source

I would like to order

Product name: Global Silicon Carbide-Based Power Device Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

Product link: <https://marketpublishers.com/r/G638C61AE837EN.html>

Price: US\$ 3,480.00 (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/G638C61AE837EN.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

