

Global Silicon Carbide Based Power Semiconductors Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/G5DBFF519263EN.html>

Date: March 2023

Pages: 112

Price: US\$ 4,480.00 (Single User License)

ID: G5DBFF519263EN

Abstracts

The global Silicon Carbide Based Power Semiconductors market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

This report studies the global Silicon Carbide Based Power Semiconductors production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Silicon Carbide Based Power Semiconductors, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Silicon Carbide Based Power Semiconductors that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Silicon Carbide Based Power Semiconductors total production and demand, 2018-2029, (K Pieces)

Global Silicon Carbide Based Power Semiconductors total production value, 2018-2029, (USD Million)

Global Silicon Carbide Based Power Semiconductors production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Pieces)

Global Silicon Carbide Based Power Semiconductors consumption by region & country,

CAGR, 2018-2029 & (K Pieces)

U.S. VS China: Silicon Carbide Based Power Semiconductors domestic production, consumption, key domestic manufacturers and share

Global Silicon Carbide Based Power Semiconductors production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Pieces)

Global Silicon Carbide Based Power Semiconductors production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Pieces)

Global Silicon Carbide Based Power Semiconductors production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Pieces)

This reports profiles key players in the global Silicon Carbide Based Power Semiconductors 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 Microchip Technology, Infineon Technologies, Renesas Electronics Corporation, General Electric, Power Integrations, Toshiba Corporation, STMicroelectronics, NXP Semiconductors and BYD Semiconductor, etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Silicon Carbide Based Power Semiconductors market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Pieces) and average price (US\$/K Pieces) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Silicon Carbide Based Power Semiconductors Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Silicon Carbide Based Power Semiconductors Market, Segmentation by Type

SiC Single Tube

SiC Modules

Global Silicon Carbide Based Power Semiconductors Market, Segmentation by Application

New Energy Vehicles

Charging Piles

Photovoltaic Inverters

Companies Profiled:

Microchip Technology

Infineon Technologies

Renesas Electronics Corporation

General Electric

Power Integrations

Toshiba Corporation

STMicroelectronics

NXP Semiconductors

BYD Semiconductor

CETC

Shenzhen BASiC Semiconductor

NEXIC

Key Questions Answered

1. How big is the global Silicon Carbide Based Power Semiconductors market?
2. What is the demand of the global Silicon Carbide Based Power Semiconductors market?
3. What is the year over year growth of the global Silicon Carbide Based Power Semiconductors market?
4. What is the production and production value of the global Silicon Carbide Based Power Semiconductors market?
5. Who are the key producers in the global Silicon Carbide Based Power Semiconductors market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 Silicon Carbide Based Power Semiconductors Introduction
- 1.2 World Silicon Carbide Based Power Semiconductors Supply & Forecast
 - 1.2.1 World Silicon Carbide Based Power Semiconductors Production Value (2018 & 2022 & 2029)
 - 1.2.2 World Silicon Carbide Based Power Semiconductors Production (2018-2029)
 - 1.2.3 World Silicon Carbide Based Power Semiconductors Pricing Trends (2018-2029)
- 1.3 World Silicon Carbide Based Power Semiconductors Production by Region (Based on Production Site)
 - 1.3.1 World Silicon Carbide Based Power Semiconductors Production Value by Region (2018-2029)
 - 1.3.2 World Silicon Carbide Based Power Semiconductors Production by Region (2018-2029)
 - 1.3.3 World Silicon Carbide Based Power Semiconductors Average Price by Region (2018-2029)
 - 1.3.4 North America Silicon Carbide Based Power Semiconductors Production (2018-2029)
 - 1.3.5 Europe Silicon Carbide Based Power Semiconductors Production (2018-2029)
 - 1.3.6 China Silicon Carbide Based Power Semiconductors Production (2018-2029)
 - 1.3.7 Japan Silicon Carbide Based Power Semiconductors Production (2018-2029)
 - 1.3.8 South Korea Silicon Carbide Based Power Semiconductors Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Silicon Carbide Based Power Semiconductors Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Silicon Carbide Based Power Semiconductors Major Market Trends
- 1.5 Influence of COVID-19 and Russia-Ukraine War
 - 1.5.1 Influence of COVID-19
 - 1.5.2 Influence of Russia-Ukraine War

2 DEMAND SUMMARY

- 2.1 World Silicon Carbide Based Power Semiconductors Demand (2018-2029)
- 2.2 World Silicon Carbide Based Power Semiconductors Consumption by Region
 - 2.2.1 World Silicon Carbide Based Power Semiconductors Consumption by Region (2018-2023)

2.2.2 World Silicon Carbide Based Power Semiconductors Consumption Forecast by Region (2024-2029)

2.3 United States Silicon Carbide Based Power Semiconductors Consumption (2018-2029)

2.4 China Silicon Carbide Based Power Semiconductors Consumption (2018-2029)

2.5 Europe Silicon Carbide Based Power Semiconductors Consumption (2018-2029)

2.6 Japan Silicon Carbide Based Power Semiconductors Consumption (2018-2029)

2.7 South Korea Silicon Carbide Based Power Semiconductors Consumption (2018-2029)

2.8 ASEAN Silicon Carbide Based Power Semiconductors Consumption (2018-2029)

2.9 India Silicon Carbide Based Power Semiconductors Consumption (2018-2029)

3 WORLD SILICON CARBIDE BASED POWER SEMICONDUCTORS MANUFACTURERS COMPETITIVE ANALYSIS

3.1 World Silicon Carbide Based Power Semiconductors Production Value by Manufacturer (2018-2023)

3.2 World Silicon Carbide Based Power Semiconductors Production by Manufacturer (2018-2023)

3.3 World Silicon Carbide Based Power Semiconductors Average Price by Manufacturer (2018-2023)

3.4 Silicon Carbide Based Power Semiconductors Company Evaluation Quadrant

3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global Silicon Carbide Based Power Semiconductors Industry Rank of Major Manufacturers

3.5.2 Global Concentration Ratios (CR4) for Silicon Carbide Based Power Semiconductors in 2022

3.5.3 Global Concentration Ratios (CR8) for Silicon Carbide Based Power Semiconductors in 2022

3.6 Silicon Carbide Based Power Semiconductors Market: Overall Company Footprint Analysis

3.6.1 Silicon Carbide Based Power Semiconductors Market: Region Footprint

3.6.2 Silicon Carbide Based Power Semiconductors Market: Company Product Type Footprint

3.6.3 Silicon Carbide Based Power Semiconductors Market: Company Product Application Footprint

3.7 Competitive Environment

3.7.1 Historical Structure of the Industry

3.7.2 Barriers of Market Entry

- 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

4.1 United States VS China: Silicon Carbide Based Power Semiconductors Production Value Comparison

4.1.1 United States VS China: Silicon Carbide Based Power Semiconductors Production Value Comparison (2018 & 2022 & 2029)

4.1.2 United States VS China: Silicon Carbide Based Power Semiconductors Production Value Market Share Comparison (2018 & 2022 & 2029)

4.2 United States VS China: Silicon Carbide Based Power Semiconductors Production Comparison

4.2.1 United States VS China: Silicon Carbide Based Power Semiconductors Production Comparison (2018 & 2022 & 2029)

4.2.2 United States VS China: Silicon Carbide Based Power Semiconductors Production Market Share Comparison (2018 & 2022 & 2029)

4.3 United States VS China: Silicon Carbide Based Power Semiconductors Consumption Comparison

4.3.1 United States VS China: Silicon Carbide Based Power Semiconductors Consumption Comparison (2018 & 2022 & 2029)

4.3.2 United States VS China: Silicon Carbide Based Power Semiconductors Consumption Market Share Comparison (2018 & 2022 & 2029)

4.4 United States Based Silicon Carbide Based Power Semiconductors Manufacturers and Market Share, 2018-2023

4.4.1 United States Based Silicon Carbide Based Power Semiconductors Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Silicon Carbide Based Power Semiconductors Production Value (2018-2023)

4.4.3 United States Based Manufacturers Silicon Carbide Based Power Semiconductors Production (2018-2023)

4.5 China Based Silicon Carbide Based Power Semiconductors Manufacturers and Market Share

4.5.1 China Based Silicon Carbide Based Power Semiconductors Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Silicon Carbide Based Power Semiconductors Production Value (2018-2023)

4.5.3 China Based Manufacturers Silicon Carbide Based Power Semiconductors

Production (2018-2023)

4.6 Rest of World Based Silicon Carbide Based Power Semiconductors Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based Silicon Carbide Based Power Semiconductors Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Silicon Carbide Based Power Semiconductors Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers Silicon Carbide Based Power Semiconductors Production (2018-2023)

5 MARKET ANALYSIS BY TYPE

5.1 World Silicon Carbide Based Power Semiconductors Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 SiC Single Tube

5.2.2 SiC Modules

5.3 Market Segment by Type

5.3.1 World Silicon Carbide Based Power Semiconductors Production by Type (2018-2029)

5.3.2 World Silicon Carbide Based Power Semiconductors Production Value by Type (2018-2029)

5.3.3 World Silicon Carbide Based Power Semiconductors Average Price by Type (2018-2029)

6 MARKET ANALYSIS BY APPLICATION

6.1 World Silicon Carbide Based Power Semiconductors Market Size Overview by Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 New Energy Vehicles

6.2.2 Charging Piles

6.2.3 Photovoltaic Inverters

6.3 Market Segment by Application

6.3.1 World Silicon Carbide Based Power Semiconductors Production by Application (2018-2029)

6.3.2 World Silicon Carbide Based Power Semiconductors Production Value by Application (2018-2029)

6.3.3 World Silicon Carbide Based Power Semiconductors Average Price by

Application (2018-2029)

7 COMPANY PROFILES

7.1 Microchip Technology

7.1.1 Microchip Technology Details

7.1.2 Microchip Technology Major Business

7.1.3 Microchip Technology Silicon Carbide Based Power Semiconductors Product and Services

7.1.4 Microchip Technology Silicon Carbide Based Power Semiconductors Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.1.5 Microchip Technology Recent Developments/Updates

7.1.6 Microchip Technology Competitive Strengths & Weaknesses

7.2 Infineon Technologies

7.2.1 Infineon Technologies Details

7.2.2 Infineon Technologies Major Business

7.2.3 Infineon Technologies Silicon Carbide Based Power Semiconductors Product and Services

7.2.4 Infineon Technologies Silicon Carbide Based Power Semiconductors Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.2.5 Infineon Technologies Recent Developments/Updates

7.2.6 Infineon Technologies Competitive Strengths & Weaknesses

7.3 Renesas Electronics Corporation

7.3.1 Renesas Electronics Corporation Details

7.3.2 Renesas Electronics Corporation Major Business

7.3.3 Renesas Electronics Corporation Silicon Carbide Based Power Semiconductors Product and Services

7.3.4 Renesas Electronics Corporation Silicon Carbide Based Power Semiconductors Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.3.5 Renesas Electronics Corporation Recent Developments/Updates

7.3.6 Renesas Electronics Corporation Competitive Strengths & Weaknesses

7.4 General Electric

7.4.1 General Electric Details

7.4.2 General Electric Major Business

7.4.3 General Electric Silicon Carbide Based Power Semiconductors Product and Services

7.4.4 General Electric Silicon Carbide Based Power Semiconductors Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.4.5 General Electric Recent Developments/Updates

- 7.4.6 General Electric Competitive Strengths & Weaknesses
- 7.5 Power Integrations
 - 7.5.1 Power Integrations Details
 - 7.5.2 Power Integrations Major Business
 - 7.5.3 Power Integrations Silicon Carbide Based Power Semiconductors Product and Services
 - 7.5.4 Power Integrations Silicon Carbide Based Power Semiconductors Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.5.5 Power Integrations Recent Developments/Updates
 - 7.5.6 Power Integrations Competitive Strengths & Weaknesses
- 7.6 Toshiba Corporation
 - 7.6.1 Toshiba Corporation Details
 - 7.6.2 Toshiba Corporation Major Business
 - 7.6.3 Toshiba Corporation Silicon Carbide Based Power Semiconductors Product and Services
 - 7.6.4 Toshiba Corporation Silicon Carbide Based Power Semiconductors Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.6.5 Toshiba Corporation Recent Developments/Updates
 - 7.6.6 Toshiba Corporation Competitive Strengths & Weaknesses
- 7.7 STMicroelectronics
 - 7.7.1 STMicroelectronics Details
 - 7.7.2 STMicroelectronics Major Business
 - 7.7.3 STMicroelectronics Silicon Carbide Based Power Semiconductors Product and Services
 - 7.7.4 STMicroelectronics Silicon Carbide Based Power Semiconductors Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.7.5 STMicroelectronics Recent Developments/Updates
 - 7.7.6 STMicroelectronics Competitive Strengths & Weaknesses
- 7.8 NXP Semiconductors
 - 7.8.1 NXP Semiconductors Details
 - 7.8.2 NXP Semiconductors Major Business
 - 7.8.3 NXP Semiconductors Silicon Carbide Based Power Semiconductors Product and Services
 - 7.8.4 NXP Semiconductors Silicon Carbide Based Power Semiconductors Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.8.5 NXP Semiconductors Recent Developments/Updates
 - 7.8.6 NXP Semiconductors Competitive Strengths & Weaknesses
- 7.9 BYD Semiconductor
 - 7.9.1 BYD Semiconductor Details

7.9.2 BYD Semiconductor Major Business

7.9.3 BYD Semiconductor Silicon Carbide Based Power Semiconductors Product and Services

7.9.4 BYD Semiconductor Silicon Carbide Based Power Semiconductors Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.9.5 BYD Semiconductor Recent Developments/Updates

7.9.6 BYD Semiconductor Competitive Strengths & Weaknesses

7.10 CETC

7.10.1 CETC Details

7.10.2 CETC Major Business

7.10.3 CETC Silicon Carbide Based Power Semiconductors Product and Services

7.10.4 CETC Silicon Carbide Based Power Semiconductors Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.10.5 CETC Recent Developments/Updates

7.10.6 CETC Competitive Strengths & Weaknesses

7.11 Shenzhen BASiC Semiconductor

7.11.1 Shenzhen BASiC Semiconductor Details

7.11.2 Shenzhen BASiC Semiconductor Major Business

7.11.3 Shenzhen BASiC Semiconductor Silicon Carbide Based Power Semiconductors Product and Services

7.11.4 Shenzhen BASiC Semiconductor Silicon Carbide Based Power Semiconductors Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.11.5 Shenzhen BASiC Semiconductor Recent Developments/Updates

7.11.6 Shenzhen BASiC Semiconductor Competitive Strengths & Weaknesses

7.12 NEXIC

7.12.1 NEXIC Details

7.12.2 NEXIC Major Business

7.12.3 NEXIC Silicon Carbide Based Power Semiconductors Product and Services

7.12.4 NEXIC Silicon Carbide Based Power Semiconductors Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.12.5 NEXIC Recent Developments/Updates

7.12.6 NEXIC Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

8.1 Silicon Carbide Based Power Semiconductors Industry Chain

8.2 Silicon Carbide Based Power Semiconductors Upstream Analysis

8.2.1 Silicon Carbide Based Power Semiconductors Core Raw Materials

8.2.2 Main Manufacturers of Silicon Carbide Based Power Semiconductors Core Raw

Materials

8.3 Midstream Analysis

8.4 Downstream Analysis

8.5 Silicon Carbide Based Power Semiconductors Production Mode

8.6 Silicon Carbide Based Power Semiconductors Procurement Model

8.7 Silicon Carbide Based Power Semiconductors Industry Sales Model and Sales Channels

8.7.1 Silicon Carbide Based Power Semiconductors Sales Model

8.7.2 Silicon Carbide Based Power Semiconductors Typical Customers

9 RESEARCH FINDINGS AND CONCLUSION

10 APPENDIX

10.1 Methodology

10.2 Research Process and Data Source

10.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World Silicon Carbide Based Power Semiconductors Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World Silicon Carbide Based Power Semiconductors Production Value by Region (2018-2023) & (USD Million)

Table 3. World Silicon Carbide Based Power Semiconductors Production Value by Region (2024-2029) & (USD Million)

Table 4. World Silicon Carbide Based Power Semiconductors Production Value Market Share by Region (2018-2023)

Table 5. World Silicon Carbide Based Power Semiconductors Production Value Market Share by Region (2024-2029)

Table 6. World Silicon Carbide Based Power Semiconductors Production by Region (2018-2023) & (K Pieces)

Table 7. World Silicon Carbide Based Power Semiconductors Production by Region (2024-2029) & (K Pieces)

Table 8. World Silicon Carbide Based Power Semiconductors Production Market Share by Region (2018-2023)

Table 9. World Silicon Carbide Based Power Semiconductors Production Market Share by Region (2024-2029)

Table 10. World Silicon Carbide Based Power Semiconductors Average Price by Region (2018-2023) & (US\$/K Pieces)

Table 11. World Silicon Carbide Based Power Semiconductors Average Price by Region (2024-2029) & (US\$/K Pieces)

Table 12. Silicon Carbide Based Power Semiconductors Major Market Trends

Table 13. World Silicon Carbide Based Power Semiconductors Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (K Pieces)

Table 14. World Silicon Carbide Based Power Semiconductors Consumption by Region (2018-2023) & (K Pieces)

Table 15. World Silicon Carbide Based Power Semiconductors Consumption Forecast by Region (2024-2029) & (K Pieces)

Table 16. World Silicon Carbide Based Power Semiconductors Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key Silicon Carbide Based Power Semiconductors Producers in 2022

Table 18. World Silicon Carbide Based Power Semiconductors Production by Manufacturer (2018-2023) & (K Pieces)

Table 19. Production Market Share of Key Silicon Carbide Based Power Semiconductors Producers in 2022

Table 20. World Silicon Carbide Based Power Semiconductors Average Price by Manufacturer (2018-2023) & (US\$/K Pieces)

Table 21. Global Silicon Carbide Based Power Semiconductors Company Evaluation Quadrant

Table 22. World Silicon Carbide Based Power Semiconductors Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and Silicon Carbide Based Power Semiconductors Production Site of Key Manufacturer

Table 24. Silicon Carbide Based Power Semiconductors Market: Company Product Type Footprint

Table 25. Silicon Carbide Based Power Semiconductors Market: Company Product Application Footprint

Table 26. Silicon Carbide Based Power Semiconductors Competitive Factors

Table 27. Silicon Carbide Based Power Semiconductors New Entrant and Capacity Expansion Plans

Table 28. Silicon Carbide Based Power Semiconductors Mergers & Acquisitions Activity

Table 29. United States VS China Silicon Carbide Based Power Semiconductors Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China Silicon Carbide Based Power Semiconductors Production Comparison, (2018 & 2022 & 2029) & (K Pieces)

Table 31. United States VS China Silicon Carbide Based Power Semiconductors Consumption Comparison, (2018 & 2022 & 2029) & (K Pieces)

Table 32. United States Based Silicon Carbide Based Power Semiconductors Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Silicon Carbide Based Power Semiconductors Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers Silicon Carbide Based Power Semiconductors Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers Silicon Carbide Based Power Semiconductors Production (2018-2023) & (K Pieces)

Table 36. United States Based Manufacturers Silicon Carbide Based Power Semiconductors Production Market Share (2018-2023)

Table 37. China Based Silicon Carbide Based Power Semiconductors Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Silicon Carbide Based Power Semiconductors Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers Silicon Carbide Based Power Semiconductors

Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers Silicon Carbide Based Power Semiconductors Production (2018-2023) & (K Pieces)

Table 41. China Based Manufacturers Silicon Carbide Based Power Semiconductors Production Market Share (2018-2023)

Table 42. Rest of World Based Silicon Carbide Based Power Semiconductors Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Silicon Carbide Based Power Semiconductors Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers Silicon Carbide Based Power Semiconductors Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Silicon Carbide Based Power Semiconductors Production (2018-2023) & (K Pieces)

Table 46. Rest of World Based Manufacturers Silicon Carbide Based Power Semiconductors Production Market Share (2018-2023)

Table 47. World Silicon Carbide Based Power Semiconductors Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World Silicon Carbide Based Power Semiconductors Production by Type (2018-2023) & (K Pieces)

Table 49. World Silicon Carbide Based Power Semiconductors Production by Type (2024-2029) & (K Pieces)

Table 50. World Silicon Carbide Based Power Semiconductors Production Value by Type (2018-2023) & (USD Million)

Table 51. World Silicon Carbide Based Power Semiconductors Production Value by Type (2024-2029) & (USD Million)

Table 52. World Silicon Carbide Based Power Semiconductors Average Price by Type (2018-2023) & (US\$/K Pieces)

Table 53. World Silicon Carbide Based Power Semiconductors Average Price by Type (2024-2029) & (US\$/K Pieces)

Table 54. World Silicon Carbide Based Power Semiconductors Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Silicon Carbide Based Power Semiconductors Production by Application (2018-2023) & (K Pieces)

Table 56. World Silicon Carbide Based Power Semiconductors Production by Application (2024-2029) & (K Pieces)

Table 57. World Silicon Carbide Based Power Semiconductors Production Value by Application (2018-2023) & (USD Million)

Table 58. World Silicon Carbide Based Power Semiconductors Production Value by Application (2024-2029) & (USD Million)

Table 59. World Silicon Carbide Based Power Semiconductors Average Price by Application (2018-2023) & (US\$/K Pieces)

Table 60. World Silicon Carbide Based Power Semiconductors Average Price by Application (2024-2029) & (US\$/K Pieces)

Table 61. Microchip Technology Basic Information, Manufacturing Base and Competitors

Table 62. Microchip Technology Major Business

Table 63. Microchip Technology Silicon Carbide Based Power Semiconductors Product and Services

Table 64. Microchip Technology Silicon Carbide Based Power Semiconductors Production (K Pieces), Price (US\$/K Pieces), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. Microchip Technology Recent Developments/Updates

Table 66. Microchip Technology Competitive Strengths & Weaknesses

Table 67. Infineon Technologies Basic Information, Manufacturing Base and Competitors

Table 68. Infineon Technologies Major Business

Table 69. Infineon Technologies Silicon Carbide Based Power Semiconductors Product and Services

Table 70. Infineon Technologies Silicon Carbide Based Power Semiconductors Production (K Pieces), Price (US\$/K Pieces), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. Infineon Technologies Recent Developments/Updates

Table 72. Infineon Technologies Competitive Strengths & Weaknesses

Table 73. Renesas Electronics Corporation Basic Information, Manufacturing Base and Competitors

Table 74. Renesas Electronics Corporation Major Business

Table 75. Renesas Electronics Corporation Silicon Carbide Based Power Semiconductors Product and Services

Table 76. Renesas Electronics Corporation Silicon Carbide Based Power Semiconductors Production (K Pieces), Price (US\$/K Pieces), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. Renesas Electronics Corporation Recent Developments/Updates

Table 78. Renesas Electronics Corporation Competitive Strengths & Weaknesses

Table 79. General Electric Basic Information, Manufacturing Base and Competitors

Table 80. General Electric Major Business

Table 81. General Electric Silicon Carbide Based Power Semiconductors Product and Services

Table 82. General Electric Silicon Carbide Based Power Semiconductors Production (K

Pieces), Price (US\$/K Pieces), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 83. General Electric Recent Developments/Updates

Table 84. General Electric Competitive Strengths & Weaknesses

Table 85. Power Integrations Basic Information, Manufacturing Base and Competitors

Table 86. Power Integrations Major Business

Table 87. Power Integrations Silicon Carbide Based Power Semiconductors Product and Services

Table 88. Power Integrations Silicon Carbide Based Power Semiconductors Production (K Pieces), Price (US\$/K Pieces), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 89. Power Integrations Recent Developments/Updates

Table 90. Power Integrations Competitive Strengths & Weaknesses

Table 91. Toshiba Corporation Basic Information, Manufacturing Base and Competitors

Table 92. Toshiba Corporation Major Business

Table 93. Toshiba Corporation Silicon Carbide Based Power Semiconductors Product and Services

Table 94. Toshiba Corporation Silicon Carbide Based Power Semiconductors Production (K Pieces), Price (US\$/K Pieces), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 95. Toshiba Corporation Recent Developments/Updates

Table 96. Toshiba Corporation Competitive Strengths & Weaknesses

Table 97. STMicroelectronics Basic Information, Manufacturing Base and Competitors

Table 98. STMicroelectronics Major Business

Table 99. STMicroelectronics Silicon Carbide Based Power Semiconductors Product and Services

Table 100. STMicroelectronics Silicon Carbide Based Power Semiconductors Production (K Pieces), Price (US\$/K Pieces), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 101. STMicroelectronics Recent Developments/Updates

Table 102. STMicroelectronics Competitive Strengths & Weaknesses

Table 103. NXP Semiconductors Basic Information, Manufacturing Base and Competitors

Table 104. NXP Semiconductors Major Business

Table 105. NXP Semiconductors Silicon Carbide Based Power Semiconductors Product and Services

Table 106. NXP Semiconductors Silicon Carbide Based Power Semiconductors Production (K Pieces), Price (US\$/K Pieces), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 107. NXP Semiconductors Recent Developments/Updates
Table 108. NXP Semiconductors Competitive Strengths & Weaknesses
Table 109. BYD Semiconductor Basic Information, Manufacturing Base and Competitors
Table 110. BYD Semiconductor Major Business
Table 111. BYD Semiconductor Silicon Carbide Based Power Semiconductors Product and Services
Table 112. BYD Semiconductor Silicon Carbide Based Power Semiconductors Production (K Pieces), Price (US\$/K Pieces), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
Table 113. BYD Semiconductor Recent Developments/Updates
Table 114. BYD Semiconductor Competitive Strengths & Weaknesses
Table 115. CETC Basic Information, Manufacturing Base and Competitors
Table 116. CETC Major Business
Table 117. CETC Silicon Carbide Based Power Semiconductors Product and Services
Table 118. CETC Silicon Carbide Based Power Semiconductors Production (K Pieces), Price (US\$/K Pieces), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
Table 119. CETC Recent Developments/Updates
Table 120. CETC Competitive Strengths & Weaknesses
Table 121. Shenzhen BASiC Semiconductor Basic Information, Manufacturing Base and Competitors
Table 122. Shenzhen BASiC Semiconductor Major Business
Table 123. Shenzhen BASiC Semiconductor Silicon Carbide Based Power Semiconductors Product and Services
Table 124. Shenzhen BASiC Semiconductor Silicon Carbide Based Power Semiconductors Production (K Pieces), Price (US\$/K Pieces), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
Table 125. Shenzhen BASiC Semiconductor Recent Developments/Updates
Table 126. NEXIC Basic Information, Manufacturing Base and Competitors
Table 127. NEXIC Major Business
Table 128. NEXIC Silicon Carbide Based Power Semiconductors Product and Services
Table 129. NEXIC Silicon Carbide Based Power Semiconductors Production (K Pieces), Price (US\$/K Pieces), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
Table 130. Global Key Players of Silicon Carbide Based Power Semiconductors Upstream (Raw Materials)
Table 131. Silicon Carbide Based Power Semiconductors Typical Customers
Table 132. Silicon Carbide Based Power Semiconductors Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. Silicon Carbide Based Power Semiconductors Picture

Figure 2. World Silicon Carbide Based Power Semiconductors Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World Silicon Carbide Based Power Semiconductors Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World Silicon Carbide Based Power Semiconductors Production (2018-2029) & (K Pieces)

Figure 5. World Silicon Carbide Based Power Semiconductors Average Price (2018-2029) & (US\$/K Pieces)

Figure 6. World Silicon Carbide Based Power Semiconductors Production Value Market Share by Region (2018-2029)

Figure 7. World Silicon Carbide Based Power Semiconductors Production Market Share by Region (2018-2029)

Figure 8. North America Silicon Carbide Based Power Semiconductors Production (2018-2029) & (K Pieces)

Figure 9. Europe Silicon Carbide Based Power Semiconductors Production (2018-2029) & (K Pieces)

Figure 10. China Silicon Carbide Based Power Semiconductors Production (2018-2029) & (K Pieces)

Figure 11. Japan Silicon Carbide Based Power Semiconductors Production (2018-2029) & (K Pieces)

Figure 12. South Korea Silicon Carbide Based Power Semiconductors Production (2018-2029) & (K Pieces)

Figure 13. Silicon Carbide Based Power Semiconductors Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World Silicon Carbide Based Power Semiconductors Consumption (2018-2029) & (K Pieces)

Figure 16. World Silicon Carbide Based Power Semiconductors Consumption Market Share by Region (2018-2029)

Figure 17. United States Silicon Carbide Based Power Semiconductors Consumption (2018-2029) & (K Pieces)

Figure 18. China Silicon Carbide Based Power Semiconductors Consumption (2018-2029) & (K Pieces)

Figure 19. Europe Silicon Carbide Based Power Semiconductors Consumption (2018-2029) & (K Pieces)

Figure 20. Japan Silicon Carbide Based Power Semiconductors Consumption (2018-2029) & (K Pieces)

Figure 21. South Korea Silicon Carbide Based Power Semiconductors Consumption (2018-2029) & (K Pieces)

Figure 22. ASEAN Silicon Carbide Based Power Semiconductors Consumption (2018-2029) & (K Pieces)

Figure 23. India Silicon Carbide Based Power Semiconductors Consumption (2018-2029) & (K Pieces)

Figure 24. Producer Shipments of Silicon Carbide Based Power Semiconductors by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 25. Global Four-firm Concentration Ratios (CR4) for Silicon Carbide Based Power Semiconductors Markets in 2022

Figure 26. Global Four-firm Concentration Ratios (CR8) for Silicon Carbide Based Power Semiconductors Markets in 2022

Figure 27. United States VS China: Silicon Carbide Based Power Semiconductors Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: Silicon Carbide Based Power Semiconductors Production Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States VS China: Silicon Carbide Based Power Semiconductors Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 30. United States Based Manufacturers Silicon Carbide Based Power Semiconductors Production Market Share 2022

Figure 31. China Based Manufacturers Silicon Carbide Based Power Semiconductors Production Market Share 2022

Figure 32. Rest of World Based Manufacturers Silicon Carbide Based Power Semiconductors Production Market Share 2022

Figure 33. World Silicon Carbide Based Power Semiconductors Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 34. World Silicon Carbide Based Power Semiconductors Production Value Market Share by Type in 2022

Figure 35. SiC Single Tube

Figure 36. SiC Modules

Figure 37. World Silicon Carbide Based Power Semiconductors Production Market Share by Type (2018-2029)

Figure 38. World Silicon Carbide Based Power Semiconductors Production Value Market Share by Type (2018-2029)

Figure 39. World Silicon Carbide Based Power Semiconductors Average Price by Type (2018-2029) & (US\$/K Pieces)

Figure 40. World Silicon Carbide Based Power Semiconductors Production Value by

Application, (USD Million), 2018 & 2022 & 2029

Figure 41. World Silicon Carbide Based Power Semiconductors Production Value Market Share by Application in 2022

Figure 42. New Energy Vehicles

Figure 43. Charging Piles

Figure 44. Photovoltaic Inverters

Figure 45. World Silicon Carbide Based Power Semiconductors Production Market Share by Application (2018-2029)

Figure 46. World Silicon Carbide Based Power Semiconductors Production Value Market Share by Application (2018-2029)

Figure 47. World Silicon Carbide Based Power Semiconductors Average Price by Application (2018-2029) & (US\$/K Pieces)

Figure 48. Silicon Carbide Based Power Semiconductors Industry Chain

Figure 49. Silicon Carbide Based Power Semiconductors Procurement Model

Figure 50. Silicon Carbide Based Power Semiconductors Sales Model

Figure 51. Silicon Carbide Based Power Semiconductors Sales Channels, Direct Sales, and Distribution

Figure 52. Methodology

Figure 53. Research Process and Data Source

I would like to order

Product name: Global Silicon Carbide Based Power Semiconductors Supply, Demand and Key Producers, 2023-2029

Product link: <https://marketpublishers.com/r/G5DBFF519263EN.html>

Price: US\$ 4,480.00 (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/G5DBFF519263EN.html>