

Global Silicon Carbide (SiC) Wafer Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/GE3533411B6EEN.html>

Date: July 2023

Pages: 111

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

ID: GE3533411B6EEN

Abstracts

The global Silicon Carbide (SiC) Wafer market size is expected to reach \$ 1948.4 million by 2029, rising at a market growth of 14.1% CAGR during the forecast period (2023-2029).

Global core silicon carbide (SiC) wafer manufacturers include Wolfspeed, Coherent, ROHM Group (SiCrystal), TankeBlue and SICC. The top five players hold a share about 80%. North America is the largest market, has a share about 45%, followed by Asia-Pacific and Europe, with share 34% and 22%, separately. In terms of product, 6 Inch is the largest segment, with a share over 65%. And in terms of application, the largest application is Power Device, followed by Electronics & Optoelectronics and Wireless Infrastructure.

SiC single crystal wafers have excellent heat resistance and voltage resistance compared to silicon wafers that are widely used for semiconductors. Sic single crystal wafers can remarkably reduce energy loss during electric power control, significantly contributing to the reduction of energy use and environmental stress. They are highly expected as substrate materials for the next-generation.

This report studies the global Silicon Carbide (SiC) Wafer production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Silicon Carbide (SiC) Wafer, 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 (SiC) Wafer that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Silicon Carbide (SiC) Wafer total production and demand, 2018-2029, (K Pcs)

Global Silicon Carbide (SiC) Wafer total production value, 2018-2029, (USD Million)

Global Silicon Carbide (SiC) Wafer production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Pcs)

Global Silicon Carbide (SiC) Wafer consumption by region & country, CAGR, 2018-2029 & (K Pcs)

U.S. VS China: Silicon Carbide (SiC) Wafer domestic production, consumption, key domestic manufacturers and share

Global Silicon Carbide (SiC) Wafer production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Pcs)

Global Silicon Carbide (SiC) Wafer production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Pcs)

Global Silicon Carbide (SiC) Wafer production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Pcs).

This reports profiles key players in the global Silicon Carbide (SiC) Wafer 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 Wolfspeed, SK Siltron, ROHM Group (SiCrystal), Coherent, Resonac, STMicroelectronics, TankeBlue, SICC and Hebei Synlight Crystal, 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 (SiC) Wafer market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Pcs) and average price (USD/Pcs) 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 (SiC) Wafer Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Silicon Carbide (SiC) Wafer Market, Segmentation by Type

4 Inch

6 Inch

8 Inch

Global Silicon Carbide (SiC) Wafer Market, Segmentation by Application

Power Device

Electronics & Optoelectronics

Wireless Infrastructure

Others

Companies Profiled:

Wolfspeed

SK Siltron

ROHM Group (SiCrystal)

Coherent

Resonac

STMicroelectronics

TankeBlue

SICC

Hebei Synlight Crystal

CETC

San'an Optoelectronics

Key Questions Answered

1. How big is the global Silicon Carbide (SiC) Wafer market?
2. What is the demand of the global Silicon Carbide (SiC) Wafer market?
3. What is the year over year growth of the global Silicon Carbide (SiC) Wafer market?

4. What is the production and production value of the global Silicon Carbide (SiC) Wafer market?
5. Who are the key producers in the global Silicon Carbide (SiC) Wafer market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 Silicon Carbide (SiC) Wafer Introduction
- 1.2 World Silicon Carbide (SiC) Wafer Supply & Forecast
 - 1.2.1 World Silicon Carbide (SiC) Wafer Production Value (2018 & 2022 & 2029)
 - 1.2.2 World Silicon Carbide (SiC) Wafer Production (2018-2029)
 - 1.2.3 World Silicon Carbide (SiC) Wafer Pricing Trends (2018-2029)
- 1.3 World Silicon Carbide (SiC) Wafer Production by Region (Based on Production Site)
 - 1.3.1 World Silicon Carbide (SiC) Wafer Production Value by Region (2018-2029)
 - 1.3.2 World Silicon Carbide (SiC) Wafer Production by Region (2018-2029)
 - 1.3.3 World Silicon Carbide (SiC) Wafer Average Price by Region (2018-2029)
 - 1.3.4 North America Silicon Carbide (SiC) Wafer Production (2018-2029)
 - 1.3.5 Europe Silicon Carbide (SiC) Wafer Production (2018-2029)
 - 1.3.6 China Silicon Carbide (SiC) Wafer Production (2018-2029)
 - 1.3.7 Japan Silicon Carbide (SiC) Wafer Production (2018-2029)
 - 1.3.8 South Korea Silicon Carbide (SiC) Wafer Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Silicon Carbide (SiC) Wafer Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Silicon Carbide (SiC) Wafer 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 (SiC) Wafer Demand (2018-2029)
- 2.2 World Silicon Carbide (SiC) Wafer Consumption by Region
 - 2.2.1 World Silicon Carbide (SiC) Wafer Consumption by Region (2018-2023)
 - 2.2.2 World Silicon Carbide (SiC) Wafer Consumption Forecast by Region (2024-2029)
- 2.3 United States Silicon Carbide (SiC) Wafer Consumption (2018-2029)
- 2.4 China Silicon Carbide (SiC) Wafer Consumption (2018-2029)
- 2.5 Europe Silicon Carbide (SiC) Wafer Consumption (2018-2029)
- 2.6 Japan Silicon Carbide (SiC) Wafer Consumption (2018-2029)
- 2.7 South Korea Silicon Carbide (SiC) Wafer Consumption (2018-2029)
- 2.8 ASEAN Silicon Carbide (SiC) Wafer Consumption (2018-2029)

2.9 India Silicon Carbide (SiC) Wafer Consumption (2018-2029)

3 WORLD SILICON CARBIDE (SiC) WAFER MANUFACTURERS COMPETITIVE ANALYSIS

3.1 World Silicon Carbide (SiC) Wafer Production Value by Manufacturer (2018-2023)

3.2 World Silicon Carbide (SiC) Wafer Production by Manufacturer (2018-2023)

3.3 World Silicon Carbide (SiC) Wafer Average Price by Manufacturer (2018-2023)

3.4 Silicon Carbide (SiC) Wafer Company Evaluation Quadrant

3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global Silicon Carbide (SiC) Wafer Industry Rank of Major Manufacturers

3.5.2 Global Concentration Ratios (CR4) for Silicon Carbide (SiC) Wafer in 2022

3.5.3 Global Concentration Ratios (CR8) for Silicon Carbide (SiC) Wafer in 2022

3.6 Silicon Carbide (SiC) Wafer Market: Overall Company Footprint Analysis

3.6.1 Silicon Carbide (SiC) Wafer Market: Region Footprint

3.6.2 Silicon Carbide (SiC) Wafer Market: Company Product Type Footprint

3.6.3 Silicon Carbide (SiC) Wafer 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 (SiC) Wafer Production Value Comparison

4.1.1 United States VS China: Silicon Carbide (SiC) Wafer Production Value Comparison (2018 & 2022 & 2029)

4.1.2 United States VS China: Silicon Carbide (SiC) Wafer Production Value Market Share Comparison (2018 & 2022 & 2029)

4.2 United States VS China: Silicon Carbide (SiC) Wafer Production Comparison

4.2.1 United States VS China: Silicon Carbide (SiC) Wafer Production Comparison (2018 & 2022 & 2029)

4.2.2 United States VS China: Silicon Carbide (SiC) Wafer Production Market Share Comparison (2018 & 2022 & 2029)

4.3 United States VS China: Silicon Carbide (SiC) Wafer Consumption Comparison

4.3.1 United States VS China: Silicon Carbide (SiC) Wafer Consumption Comparison (2018 & 2022 & 2029)

4.3.2 United States VS China: Silicon Carbide (SiC) Wafer Consumption Market Share Comparison (2018 & 2022 & 2029)

4.4 United States Based Silicon Carbide (SiC) Wafer Manufacturers and Market Share, 2018-2023

4.4.1 United States Based Silicon Carbide (SiC) Wafer Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Silicon Carbide (SiC) Wafer Production Value (2018-2023)

4.4.3 United States Based Manufacturers Silicon Carbide (SiC) Wafer Production (2018-2023)

4.5 China Based Silicon Carbide (SiC) Wafer Manufacturers and Market Share

4.5.1 China Based Silicon Carbide (SiC) Wafer Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Silicon Carbide (SiC) Wafer Production Value (2018-2023)

4.5.3 China Based Manufacturers Silicon Carbide (SiC) Wafer Production (2018-2023)

4.6 Rest of World Based Silicon Carbide (SiC) Wafer Manufacturers and Market Share, 2018-2023

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

4.6.2 Rest of World Based Manufacturers Silicon Carbide (SiC) Wafer Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers Silicon Carbide (SiC) Wafer Production (2018-2023)

5 MARKET ANALYSIS BY TYPE

5.1 World Silicon Carbide (SiC) Wafer Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 4 Inch

5.2.2 6 Inch

5.2.3 8 Inch

5.3 Market Segment by Type

5.3.1 World Silicon Carbide (SiC) Wafer Production by Type (2018-2029)

5.3.2 World Silicon Carbide (SiC) Wafer Production Value by Type (2018-2029)

5.3.3 World Silicon Carbide (SiC) Wafer Average Price by Type (2018-2029)

6 MARKET ANALYSIS BY APPLICATION

6.1 World Silicon Carbide (SiC) Wafer Market Size Overview by Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 Power Device

6.2.2 Electronics & Optoelectronics

6.2.3 Wireless Infrastructure

6.2.4 Others

6.3 Market Segment by Application

6.3.1 World Silicon Carbide (SiC) Wafer Production by Application (2018-2029)

6.3.2 World Silicon Carbide (SiC) Wafer Production Value by Application (2018-2029)

6.3.3 World Silicon Carbide (SiC) Wafer Average Price by Application (2018-2029)

7 COMPANY PROFILES

7.1 Wolfspeed

7.1.1 Wolfspeed Details

7.1.2 Wolfspeed Major Business

7.1.3 Wolfspeed Silicon Carbide (SiC) Wafer Product and Services

7.1.4 Wolfspeed Silicon Carbide (SiC) Wafer Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.1.5 Wolfspeed Recent Developments/Updates

7.1.6 Wolfspeed Competitive Strengths & Weaknesses

7.2 SK Siltron

7.2.1 SK Siltron Details

7.2.2 SK Siltron Major Business

7.2.3 SK Siltron Silicon Carbide (SiC) Wafer Product and Services

7.2.4 SK Siltron Silicon Carbide (SiC) Wafer Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.2.5 SK Siltron Recent Developments/Updates

7.2.6 SK Siltron Competitive Strengths & Weaknesses

7.3 ROHM Group (SiCrystal)

7.3.1 ROHM Group (SiCrystal) Details

7.3.2 ROHM Group (SiCrystal) Major Business

7.3.3 ROHM Group (SiCrystal) Silicon Carbide (SiC) Wafer Product and Services

7.3.4 ROHM Group (SiCrystal) Silicon Carbide (SiC) Wafer Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.3.5 ROHM Group (SiCrystal) Recent Developments/Updates

7.3.6 ROHM Group (SiCrystal) Competitive Strengths & Weaknesses

7.4 Coherent

7.4.1 Coherent Details

7.4.2 Coherent Major Business

7.4.3 Coherent Silicon Carbide (SiC) Wafer Product and Services

7.4.4 Coherent Silicon Carbide (SiC) Wafer Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.4.5 Coherent Recent Developments/Updates

7.4.6 Coherent Competitive Strengths & Weaknesses

7.5 Resonac

7.5.1 Resonac Details

7.5.2 Resonac Major Business

7.5.3 Resonac Silicon Carbide (SiC) Wafer Product and Services

7.5.4 Resonac Silicon Carbide (SiC) Wafer Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.5.5 Resonac Recent Developments/Updates

7.5.6 Resonac Competitive Strengths & Weaknesses

7.6 STMicroelectronics

7.6.1 STMicroelectronics Details

7.6.2 STMicroelectronics Major Business

7.6.3 STMicroelectronics Silicon Carbide (SiC) Wafer Product and Services

7.6.4 STMicroelectronics Silicon Carbide (SiC) Wafer Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.6.5 STMicroelectronics Recent Developments/Updates

7.6.6 STMicroelectronics Competitive Strengths & Weaknesses

7.7 TankeBlue

7.7.1 TankeBlue Details

7.7.2 TankeBlue Major Business

7.7.3 TankeBlue Silicon Carbide (SiC) Wafer Product and Services

7.7.4 TankeBlue Silicon Carbide (SiC) Wafer Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.7.5 TankeBlue Recent Developments/Updates

7.7.6 TankeBlue Competitive Strengths & Weaknesses

7.8 SICC

7.8.1 SICC Details

7.8.2 SICC Major Business

7.8.3 SICC Silicon Carbide (SiC) Wafer Product and Services

7.8.4 SICC Silicon Carbide (SiC) Wafer Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.8.5 SICC Recent Developments/Updates

- 7.8.6 SICC Competitive Strengths & Weaknesses
- 7.9 Hebei Synlight Crystal
 - 7.9.1 Hebei Synlight Crystal Details
 - 7.9.2 Hebei Synlight Crystal Major Business
 - 7.9.3 Hebei Synlight Crystal Silicon Carbide (SiC) Wafer Product and Services
 - 7.9.4 Hebei Synlight Crystal Silicon Carbide (SiC) Wafer Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.9.5 Hebei Synlight Crystal Recent Developments/Updates
 - 7.9.6 Hebei Synlight Crystal Competitive Strengths & Weaknesses
- 7.10 CETC
 - 7.10.1 CETC Details
 - 7.10.2 CETC Major Business
 - 7.10.3 CETC Silicon Carbide (SiC) Wafer Product and Services
 - 7.10.4 CETC Silicon Carbide (SiC) Wafer 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 San'an Optoelectronics
 - 7.11.1 San'an Optoelectronics Details
 - 7.11.2 San'an Optoelectronics Major Business
 - 7.11.3 San'an Optoelectronics Silicon Carbide (SiC) Wafer Product and Services
 - 7.11.4 San'an Optoelectronics Silicon Carbide (SiC) Wafer Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.11.5 San'an Optoelectronics Recent Developments/Updates
 - 7.11.6 San'an Optoelectronics Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

- 8.1 Silicon Carbide (SiC) Wafer Industry Chain
- 8.2 Silicon Carbide (SiC) Wafer Upstream Analysis
 - 8.2.1 Silicon Carbide (SiC) Wafer Core Raw Materials
 - 8.2.2 Main Manufacturers of Silicon Carbide (SiC) Wafer Core Raw Materials
- 8.3 Midstream Analysis
- 8.4 Downstream Analysis
- 8.5 Silicon Carbide (SiC) Wafer Production Mode
- 8.6 Silicon Carbide (SiC) Wafer Procurement Model
- 8.7 Silicon Carbide (SiC) Wafer Industry Sales Model and Sales Channels
 - 8.7.1 Silicon Carbide (SiC) Wafer Sales Model
 - 8.7.2 Silicon Carbide (SiC) Wafer 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 (SiC) Wafer Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World Silicon Carbide (SiC) Wafer Production Value by Region (2018-2023) & (USD Million)

Table 3. World Silicon Carbide (SiC) Wafer Production Value by Region (2024-2029) & (USD Million)

Table 4. World Silicon Carbide (SiC) Wafer Production Value Market Share by Region (2018-2023)

Table 5. World Silicon Carbide (SiC) Wafer Production Value Market Share by Region (2024-2029)

Table 6. World Silicon Carbide (SiC) Wafer Production by Region (2018-2023) & (K Pcs)

Table 7. World Silicon Carbide (SiC) Wafer Production by Region (2024-2029) & (K Pcs)

Table 8. World Silicon Carbide (SiC) Wafer Production Market Share by Region (2018-2023)

Table 9. World Silicon Carbide (SiC) Wafer Production Market Share by Region (2024-2029)

Table 10. World Silicon Carbide (SiC) Wafer Average Price by Region (2018-2023) & (USD/Pcs)

Table 11. World Silicon Carbide (SiC) Wafer Average Price by Region (2024-2029) & (USD/Pcs)

Table 12. Silicon Carbide (SiC) Wafer Major Market Trends

Table 13. World Silicon Carbide (SiC) Wafer Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (K Pcs)

Table 14. World Silicon Carbide (SiC) Wafer Consumption by Region (2018-2023) & (K Pcs)

Table 15. World Silicon Carbide (SiC) Wafer Consumption Forecast by Region (2024-2029) & (K Pcs)

Table 16. World Silicon Carbide (SiC) Wafer Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key Silicon Carbide (SiC) Wafer Producers in 2022

Table 18. World Silicon Carbide (SiC) Wafer Production by Manufacturer (2018-2023) & (K Pcs)

Table 19. Production Market Share of Key Silicon Carbide (SiC) Wafer Producers in 2022

Table 20. World Silicon Carbide (SiC) Wafer Average Price by Manufacturer (2018-2023) & (USD/Pcs)

Table 21. Global Silicon Carbide (SiC) Wafer Company Evaluation Quadrant

Table 22. World Silicon Carbide (SiC) Wafer Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and Silicon Carbide (SiC) Wafer Production Site of Key Manufacturer

Table 24. Silicon Carbide (SiC) Wafer Market: Company Product Type Footprint

Table 25. Silicon Carbide (SiC) Wafer Market: Company Product Application Footprint

Table 26. Silicon Carbide (SiC) Wafer Competitive Factors

Table 27. Silicon Carbide (SiC) Wafer New Entrant and Capacity Expansion Plans

Table 28. Silicon Carbide (SiC) Wafer Mergers & Acquisitions Activity

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

Table 30. United States VS China Silicon Carbide (SiC) Wafer Production Comparison, (2018 & 2022 & 2029) & (K Pcs)

Table 31. United States VS China Silicon Carbide (SiC) Wafer Consumption Comparison, (2018 & 2022 & 2029) & (K Pcs)

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

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

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

Table 35. United States Based Manufacturers Silicon Carbide (SiC) Wafer Production (2018-2023) & (K Pcs)

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

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

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

Table 39. China Based Manufacturers Silicon Carbide (SiC) Wafer Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers Silicon Carbide (SiC) Wafer Production (2018-2023) & (K Pcs)

Table 41. China Based Manufacturers Silicon Carbide (SiC) Wafer Production Market

Share (2018-2023)

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

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

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

Table 45. Rest of World Based Manufacturers Silicon Carbide (SiC) Wafer Production (2018-2023) & (K Pcs)

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

Table 47. World Silicon Carbide (SiC) Wafer Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World Silicon Carbide (SiC) Wafer Production by Type (2018-2023) & (K Pcs)

Table 49. World Silicon Carbide (SiC) Wafer Production by Type (2024-2029) & (K Pcs)

Table 50. World Silicon Carbide (SiC) Wafer Production Value by Type (2018-2023) & (USD Million)

Table 51. World Silicon Carbide (SiC) Wafer Production Value by Type (2024-2029) & (USD Million)

Table 52. World Silicon Carbide (SiC) Wafer Average Price by Type (2018-2023) & (USD/Pcs)

Table 53. World Silicon Carbide (SiC) Wafer Average Price by Type (2024-2029) & (USD/Pcs)

Table 54. World Silicon Carbide (SiC) Wafer Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Silicon Carbide (SiC) Wafer Production by Application (2018-2023) & (K Pcs)

Table 56. World Silicon Carbide (SiC) Wafer Production by Application (2024-2029) & (K Pcs)

Table 57. World Silicon Carbide (SiC) Wafer Production Value by Application (2018-2023) & (USD Million)

Table 58. World Silicon Carbide (SiC) Wafer Production Value by Application (2024-2029) & (USD Million)

Table 59. World Silicon Carbide (SiC) Wafer Average Price by Application (2018-2023) & (USD/Pcs)

Table 60. World Silicon Carbide (SiC) Wafer Average Price by Application (2024-2029) & (USD/Pcs)

Table 61. Wolfspeed Basic Information, Manufacturing Base and Competitors

Table 62. Wolfspeed Major Business

Table 63. Wolfspeed Silicon Carbide (SiC) Wafer Product and Services
Table 64. Wolfspeed Silicon Carbide (SiC) Wafer Production (K Pcs), Price (USD/Pcs), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
Table 65. Wolfspeed Recent Developments/Updates
Table 66. Wolfspeed Competitive Strengths & Weaknesses
Table 67. SK Siltron Basic Information, Manufacturing Base and Competitors
Table 68. SK Siltron Major Business
Table 69. SK Siltron Silicon Carbide (SiC) Wafer Product and Services
Table 70. SK Siltron Silicon Carbide (SiC) Wafer Production (K Pcs), Price (USD/Pcs), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
Table 71. SK Siltron Recent Developments/Updates
Table 72. SK Siltron Competitive Strengths & Weaknesses
Table 73. ROHM Group (SiCrystal) Basic Information, Manufacturing Base and Competitors
Table 74. ROHM Group (SiCrystal) Major Business
Table 75. ROHM Group (SiCrystal) Silicon Carbide (SiC) Wafer Product and Services
Table 76. ROHM Group (SiCrystal) Silicon Carbide (SiC) Wafer Production (K Pcs), Price (USD/Pcs), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
Table 77. ROHM Group (SiCrystal) Recent Developments/Updates
Table 78. ROHM Group (SiCrystal) Competitive Strengths & Weaknesses
Table 79. Coherent Basic Information, Manufacturing Base and Competitors
Table 80. Coherent Major Business
Table 81. Coherent Silicon Carbide (SiC) Wafer Product and Services
Table 82. Coherent Silicon Carbide (SiC) Wafer Production (K Pcs), Price (USD/Pcs), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
Table 83. Coherent Recent Developments/Updates
Table 84. Coherent Competitive Strengths & Weaknesses
Table 85. Resonac Basic Information, Manufacturing Base and Competitors
Table 86. Resonac Major Business
Table 87. Resonac Silicon Carbide (SiC) Wafer Product and Services
Table 88. Resonac Silicon Carbide (SiC) Wafer Production (K Pcs), Price (USD/Pcs), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
Table 89. Resonac Recent Developments/Updates
Table 90. Resonac Competitive Strengths & Weaknesses
Table 91. STMicroelectronics Basic Information, Manufacturing Base and Competitors
Table 92. STMicroelectronics Major Business
Table 93. STMicroelectronics Silicon Carbide (SiC) Wafer Product and Services
Table 94. STMicroelectronics Silicon Carbide (SiC) Wafer Production (K Pcs), Price

(USD/Pcs), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 95. STMicroelectronics Recent Developments/Updates

Table 96. STMicroelectronics Competitive Strengths & Weaknesses

Table 97. TankeBlue Basic Information, Manufacturing Base and Competitors

Table 98. TankeBlue Major Business

Table 99. TankeBlue Silicon Carbide (SiC) Wafer Product and Services

Table 100. TankeBlue Silicon Carbide (SiC) Wafer Production (K Pcs), Price (USD/Pcs), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 101. TankeBlue Recent Developments/Updates

Table 102. TankeBlue Competitive Strengths & Weaknesses

Table 103. SICC Basic Information, Manufacturing Base and Competitors

Table 104. SICC Major Business

Table 105. SICC Silicon Carbide (SiC) Wafer Product and Services

Table 106. SICC Silicon Carbide (SiC) Wafer Production (K Pcs), Price (USD/Pcs), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 107. SICC Recent Developments/Updates

Table 108. SICC Competitive Strengths & Weaknesses

Table 109. Hebei Synlight Crystal Basic Information, Manufacturing Base and Competitors

Table 110. Hebei Synlight Crystal Major Business

Table 111. Hebei Synlight Crystal Silicon Carbide (SiC) Wafer Product and Services

Table 112. Hebei Synlight Crystal Silicon Carbide (SiC) Wafer Production (K Pcs), Price (USD/Pcs), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 113. Hebei Synlight Crystal Recent Developments/Updates

Table 114. Hebei Synlight Crystal Competitive Strengths & Weaknesses

Table 115. CETC Basic Information, Manufacturing Base and Competitors

Table 116. CETC Major Business

Table 117. CETC Silicon Carbide (SiC) Wafer Product and Services

Table 118. CETC Silicon Carbide (SiC) Wafer Production (K Pcs), Price (USD/Pcs), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 119. CETC Recent Developments/Updates

Table 120. San'an Optoelectronics Basic Information, Manufacturing Base and Competitors

Table 121. San'an Optoelectronics Major Business

Table 122. San'an Optoelectronics Silicon Carbide (SiC) Wafer Product and Services

Table 123. San'an Optoelectronics Silicon Carbide (SiC) Wafer Production (K Pcs),

Price (USD/Pcs), Production Value (USD Million), Gross Margin and Market Share
(2018-2023)

Table 124. Global Key Players of Silicon Carbide (SiC) Wafer Upstream (Raw
Materials)

Table 125. Silicon Carbide (SiC) Wafer Typical Customers

Table 126. Silicon Carbide (SiC) Wafer Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. Silicon Carbide (SiC) Wafer Picture

Figure 2. World Silicon Carbide (SiC) Wafer Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World Silicon Carbide (SiC) Wafer Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World Silicon Carbide (SiC) Wafer Production (2018-2029) & (K Pcs)

Figure 5. World Silicon Carbide (SiC) Wafer Average Price (2018-2029) & (USD/Pcs)

Figure 6. World Silicon Carbide (SiC) Wafer Production Value Market Share by Region (2018-2029)

Figure 7. World Silicon Carbide (SiC) Wafer Production Market Share by Region (2018-2029)

Figure 8. North America Silicon Carbide (SiC) Wafer Production (2018-2029) & (K Pcs)

Figure 9. Europe Silicon Carbide (SiC) Wafer Production (2018-2029) & (K Pcs)

Figure 10. China Silicon Carbide (SiC) Wafer Production (2018-2029) & (K Pcs)

Figure 11. Japan Silicon Carbide (SiC) Wafer Production (2018-2029) & (K Pcs)

Figure 12. South Korea Silicon Carbide (SiC) Wafer Production (2018-2029) & (K Pcs)

Figure 13. Silicon Carbide (SiC) Wafer Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World Silicon Carbide (SiC) Wafer Consumption (2018-2029) & (K Pcs)

Figure 16. World Silicon Carbide (SiC) Wafer Consumption Market Share by Region (2018-2029)

Figure 17. United States Silicon Carbide (SiC) Wafer Consumption (2018-2029) & (K Pcs)

Figure 18. China Silicon Carbide (SiC) Wafer Consumption (2018-2029) & (K Pcs)

Figure 19. Europe Silicon Carbide (SiC) Wafer Consumption (2018-2029) & (K Pcs)

Figure 20. Japan Silicon Carbide (SiC) Wafer Consumption (2018-2029) & (K Pcs)

Figure 21. South Korea Silicon Carbide (SiC) Wafer Consumption (2018-2029) & (K Pcs)

Figure 22. ASEAN Silicon Carbide (SiC) Wafer Consumption (2018-2029) & (K Pcs)

Figure 23. India Silicon Carbide (SiC) Wafer Consumption (2018-2029) & (K Pcs)

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

Figure 25. Global Four-firm Concentration Ratios (CR4) for Silicon Carbide (SiC) Wafer Markets in 2022

Figure 26. Global Four-firm Concentration Ratios (CR8) for Silicon Carbide (SiC) Wafer

Markets in 2022

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

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

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

Figure 30. United States Based Manufacturers Silicon Carbide (SiC) Wafer Production Market Share 2022

Figure 31. China Based Manufacturers Silicon Carbide (SiC) Wafer Production Market Share 2022

Figure 32. Rest of World Based Manufacturers Silicon Carbide (SiC) Wafer Production Market Share 2022

Figure 33. World Silicon Carbide (SiC) Wafer Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 34. World Silicon Carbide (SiC) Wafer Production Value Market Share by Type in 2022

Figure 35. 4 Inch

Figure 36. 6 Inch

Figure 37. 8 Inch

Figure 38. World Silicon Carbide (SiC) Wafer Production Market Share by Type (2018-2029)

Figure 39. World Silicon Carbide (SiC) Wafer Production Value Market Share by Type (2018-2029)

Figure 40. World Silicon Carbide (SiC) Wafer Average Price by Type (2018-2029) & (USD/Pcs)

Figure 41. World Silicon Carbide (SiC) Wafer Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 42. World Silicon Carbide (SiC) Wafer Production Value Market Share by Application in 2022

Figure 43. Power Device

Figure 44. Electronics & Optoelectronics

Figure 45. Wireless Infrastructure

Figure 46. Others

Figure 47. World Silicon Carbide (SiC) Wafer Production Market Share by Application (2018-2029)

Figure 48. World Silicon Carbide (SiC) Wafer Production Value Market Share by Application (2018-2029)

Figure 49. World Silicon Carbide (SiC) Wafer Average Price by Application (2018-2029)

& (USD/Pcs)

Figure 50. Silicon Carbide (SiC) Wafer Industry Chain

Figure 51. Silicon Carbide (SiC) Wafer Procurement Model

Figure 52. Silicon Carbide (SiC) Wafer Sales Model

Figure 53. Silicon Carbide (SiC) Wafer Sales Channels, Direct Sales, and Distribution

Figure 54. Methodology

Figure 55. Research Process and Data Source

I would like to order

Product name: Global Silicon Carbide (SiC) Wafer Supply, Demand and Key Producers, 2023-2029

Product link: <https://marketpublishers.com/r/GE3533411B6EEN.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/GE3533411B6EEN.html>