

Global SiC PiN Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global SiC PiN market size is expected to reach \$ 12 million by 2029, rising at a market growth of 17.8% CAGR during the forecast period (2023-2029).

The SiC PiN Diodes have ultra-fast high-temperature switching, increasing reliability. Additionally, the PiN Diodes feature a repetitive peak reverse voltage range of 8kV to 15kV and a 1A to 2A continuous forward current. The SiC PiN Diodes are ideal for lighting, defense, and trigger circuit applications.

This report studies the global SiC PiN production, demand, key manufacturers, and key regions.

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

Highlights and key features of the study

Global SiC PiN total production and demand, 2018-2029, (K Pieces)

Global SiC PiN total production value, 2018-2029, (USD Million)

Global SiC PiN production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Pieces)

Global SiC PiN consumption by region & country, CAGR, 2018-2029 & (K Pieces)

U.S. VS China: SiC PiN domestic production, consumption, key domestic manufacturers and share

Global SiC PiN production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Pieces)

Global SiC PiN production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Pieces)

Global SiC PiN production by Application production, value, CAGR, 2018-2029, (USD

Million) & (K Pieces).

This reports profiles key players in the global SiC PiN 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 GeneSiC Semiconductor and Shenzhen BASiC Semiconductor Ltd 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 SiC PiN market.

Detailed Segmentation:

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

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global SiC PiN Market, Segmentation by Type

15 kV

8 kV

Global SiC PiN Market, Segmentation by Application

Consumer

Industrial

Aerospace & Defense

Companies Profiled:

GeneSiC Semiconductor

Shenzhen BASiC Semiconductor Ltd

Key Questions Answered

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

Contents

1 SUPPLY SUMMARY

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

3 WORLD SiC PiN MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World SiC PiN Production Value by Manufacturer (2018-2023)
- 3.2 World SiC PiN Production by Manufacturer (2018-2023)
- 3.3 World SiC PiN Average Price by Manufacturer (2018-2023)
- 3.4 SiC PiN Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global SiC PiN Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for SiC PiN in 2022
 - 3.5.3 Global Concentration Ratios (CR8) for SiC PiN in 2022
- 3.6 SiC PiN Market: Overall Company Footprint Analysis
 - 3.6.1 SiC PiN Market: Region Footprint
 - 3.6.2 SiC PiN Market: Company Product Type Footprint
 - 3.6.3 SiC PiN 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: SiC PiN Production Value Comparison
 - 4.1.1 United States VS China: SiC PiN Production Value Comparison (2018 & 2022 & 2029)
 - 4.1.2 United States VS China: SiC PiN Production Value Market Share Comparison (2018 & 2022 & 2029)
- 4.2 United States VS China: SiC PiN Production Comparison
 - 4.2.1 United States VS China: SiC PiN Production Comparison (2018 & 2022 & 2029)
 - 4.2.2 United States VS China: SiC PiN Production Market Share Comparison (2018 & 2022 & 2029)
- 4.3 United States VS China: SiC PiN Consumption Comparison
 - 4.3.1 United States VS China: SiC PiN Consumption Comparison (2018 & 2022 & 2029)
 - 4.3.2 United States VS China: SiC PiN Consumption Market Share Comparison (2018 & 2022 & 2029)
- 4.4 United States Based SiC PiN Manufacturers and Market Share, 2018-2023
 - 4.4.1 United States Based SiC PiN Manufacturers, Headquarters and Production Site (States, Country)

- 4.4.2 United States Based Manufacturers SiC PiN Production Value (2018-2023)
- 4.4.3 United States Based Manufacturers SiC PiN Production (2018-2023)
- 4.5 China Based SiC PiN Manufacturers and Market Share
 - 4.5.1 China Based SiC PiN Manufacturers, Headquarters and Production Site (Province, Country)
 - 4.5.2 China Based Manufacturers SiC PiN Production Value (2018-2023)
 - 4.5.3 China Based Manufacturers SiC PiN Production (2018-2023)
- 4.6 Rest of World Based SiC PiN Manufacturers and Market Share, 2018-2023
 - 4.6.1 Rest of World Based SiC PiN Manufacturers, Headquarters and Production Site (State, Country)
 - 4.6.2 Rest of World Based Manufacturers SiC PiN Production Value (2018-2023)
 - 4.6.3 Rest of World Based Manufacturers SiC PiN Production (2018-2023)

5 MARKET ANALYSIS BY TYPE

- 5.1 World SiC PiN Market Size Overview by Type: 2018 VS 2022 VS 2029
- 5.2 Segment Introduction by Type
 - 5.2.1 15 kV
 - 5.2.2 8 kV
- 5.3 Market Segment by Type
 - 5.3.1 World SiC PiN Production by Type (2018-2029)
 - 5.3.2 World SiC PiN Production Value by Type (2018-2029)
 - 5.3.3 World SiC PiN Average Price by Type (2018-2029)

6 MARKET ANALYSIS BY APPLICATION

- 6.1 World SiC PiN Market Size Overview by Application: 2018 VS 2022 VS 2029
- 6.2 Segment Introduction by Application
 - 6.2.1 Consumer
 - 6.2.2 Industrial
 - 6.2.3 Aerospace & Defense
- 6.3 Market Segment by Application
 - 6.3.1 World SiC PiN Production by Application (2018-2029)
 - 6.3.2 World SiC PiN Production Value by Application (2018-2029)
 - 6.3.3 World SiC PiN Average Price by Application (2018-2029)

7 COMPANY PROFILES

- 7.1 GeneSiC Semiconductor

- 7.1.1 GeneSiC Semiconductor Details
- 7.1.2 GeneSiC Semiconductor Major Business
- 7.1.3 GeneSiC Semiconductor SiC PiN Product and Services
- 7.1.4 GeneSiC Semiconductor SiC PiN Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.1.5 GeneSiC Semiconductor Recent Developments/Updates
- 7.1.6 GeneSiC Semiconductor Competitive Strengths & Weaknesses
- 7.2 Shenzhen BASiC Semiconductor Ltd
 - 7.2.1 Shenzhen BASiC Semiconductor Ltd Details
 - 7.2.2 Shenzhen BASiC Semiconductor Ltd Major Business
 - 7.2.3 Shenzhen BASiC Semiconductor Ltd SiC PiN Product and Services
 - 7.2.4 Shenzhen BASiC Semiconductor Ltd SiC PiN Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.2.5 Shenzhen BASiC Semiconductor Ltd Recent Developments/Updates
 - 7.2.6 Shenzhen BASiC Semiconductor Ltd Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

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

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

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

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

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

Table 6. World SiC PiN Production by Region (2018-2023) & (K Pieces)

Table 7. World SiC PiN Production by Region (2024-2029) & (K Pieces)

Table 8. World SiC PiN Production Market Share by Region (2018-2023)

Table 9. World SiC PiN Production Market Share by Region (2024-2029)

Table 10. World SiC PiN Average Price by Region (2018-2023) & (US\$/Piece)

Table 11. World SiC PiN Average Price by Region (2024-2029) & (US\$/Piece)

Table 12. SiC PiN Major Market Trends

Table 13. World SiC PiN Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (K Pieces)

Table 14. World SiC PiN Consumption by Region (2018-2023) & (K Pieces)

Table 15. World SiC PiN Consumption Forecast by Region (2024-2029) & (K Pieces)

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

Table 17. Production Value Market Share of Key SiC PiN Producers in 2022

Table 18. World SiC PiN Production by Manufacturer (2018-2023) & (K Pieces)

Table 19. Production Market Share of Key SiC PiN Producers in 2022

Table 20. World SiC PiN Average Price by Manufacturer (2018-2023) & (US\$/Piece)

Table 21. Global SiC PiN Company Evaluation Quadrant

Table 22. World SiC PiN Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and SiC PiN Production Site of Key Manufacturer

Table 24. SiC PiN Market: Company Product Type Footprint

Table 25. SiC PiN Market: Company Product Application Footprint

Table 26. SiC PiN Competitive Factors

Table 27. SiC PiN New Entrant and Capacity Expansion Plans

Table 28. SiC PiN Mergers & Acquisitions Activity

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

Table 30. United States VS China SiC PiN Production Comparison, (2018 & 2022 &

2029) & (K Pieces)

Table 31. United States VS China SiC PiN Consumption Comparison, (2018 & 2022 & 2029) & (K Pieces)

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

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

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

Table 35. United States Based Manufacturers SiC PiN Production (2018-2023) & (K Pieces)

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

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

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

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

Table 40. China Based Manufacturers SiC PiN Production (2018-2023) & (K Pieces)

Table 41. China Based Manufacturers SiC PiN Production Market Share (2018-2023)

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

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

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

Table 45. Rest of World Based Manufacturers SiC PiN Production (2018-2023) & (K Pieces)

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

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

Table 48. World SiC PiN Production by Type (2018-2023) & (K Pieces)

Table 49. World SiC PiN Production by Type (2024-2029) & (K Pieces)

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

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

Table 52. World SiC PiN Average Price by Type (2018-2023) & (US\$/Piece)

Table 53. World SiC PiN Average Price by Type (2024-2029) & (US\$/Piece)

Table 54. World SiC PiN Production Value by Application, (USD Million), 2018 & 2022 &

2029

Table 55. World SiC PiN Production by Application (2018-2023) & (K Pieces)

Table 56. World SiC PiN Production by Application (2024-2029) & (K Pieces)

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

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

Table 59. World SiC PiN Average Price by Application (2018-2023) & (US\$/Piece)

Table 60. World SiC PiN Average Price by Application (2024-2029) & (US\$/Piece)

Table 61. GeneSiC Semiconductor Basic Information, Manufacturing Base and Competitors

Table 62. GeneSiC Semiconductor Major Business

Table 63. GeneSiC Semiconductor SiC PiN Product and Services

Table 64. GeneSiC Semiconductor SiC PiN Production (K Pieces), Price (US\$/Piece), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. GeneSiC Semiconductor Recent Developments/Updates

Table 66. Shenzhen BASiC Semiconductor Ltd Basic Information, Manufacturing Base and Competitors

Table 67. Shenzhen BASiC Semiconductor Ltd Major Business

Table 68. Shenzhen BASiC Semiconductor Ltd SiC PiN Product and Services

Table 69. Shenzhen BASiC Semiconductor Ltd SiC PiN Production (K Pieces), Price (US\$/Piece), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 70. Global Key Players of SiC PiN Upstream (Raw Materials)

Table 71. SiC PiN Typical Customers

Table 72. SiC PiN Typical Distributors

List of Figure

Figure 1. SiC PiN Picture

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

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

Figure 4. World SiC PiN Production (2018-2029) & (K Pieces)

Figure 5. World SiC PiN Average Price (2018-2029) & (US\$/Piece)

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

Figure 7. World SiC PiN Production Market Share by Region (2018-2029)

Figure 8. North America SiC PiN Production (2018-2029) & (K Pieces)

Figure 9. Europe SiC PiN Production (2018-2029) & (K Pieces)

Figure 10. China SiC PiN Production (2018-2029) & (K Pieces)

Figure 11. SiC PiN Market Drivers

Figure 12. Factors Affecting Demand

Figure 13. World SiC PiN Consumption (2018-2029) & (K Pieces)

Figure 14. World SiC PiN Consumption Market Share by Region (2018-2029)

- Figure 15. United States SiC PiN Consumption (2018-2029) & (K Pieces)
- Figure 16. China SiC PiN Consumption (2018-2029) & (K Pieces)
- Figure 17. Europe SiC PiN Consumption (2018-2029) & (K Pieces)
- Figure 18. Japan SiC PiN Consumption (2018-2029) & (K Pieces)
- Figure 19. South Korea SiC PiN Consumption (2018-2029) & (K Pieces)
- Figure 20. ASEAN SiC PiN Consumption (2018-2029) & (K Pieces)
- Figure 21. India SiC PiN Consumption (2018-2029) & (K Pieces)
- Figure 22. Producer Shipments of SiC PiN by Manufacturer Revenue (\$MM) and Market Share (%): 2022
- Figure 23. Global Four-firm Concentration Ratios (CR4) for SiC PiN Markets in 2022
- Figure 24. Global Four-firm Concentration Ratios (CR8) for SiC PiN Markets in 2022
- Figure 25. United States VS China: SiC PiN Production Value Market Share Comparison (2018 & 2022 & 2029)
- Figure 26. United States VS China: SiC PiN Production Market Share Comparison (2018 & 2022 & 2029)
- Figure 27. United States VS China: SiC PiN Consumption Market Share Comparison (2018 & 2022 & 2029)
- Figure 28. United States Based Manufacturers SiC PiN Production Market Share 2022
- Figure 29. China Based Manufacturers SiC PiN Production Market Share 2022
- Figure 30. Rest of World Based Manufacturers SiC PiN Production Market Share 2022
- Figure 31. World SiC PiN Production Value by Type, (USD Million), 2018 & 2022 & 2029
- Figure 32. World SiC PiN Production Value Market Share by Type in 2022
- Figure 33. 15 kV
- Figure 34. 8 kV
- Figure 35. World SiC PiN Production Market Share by Type (2018-2029)
- Figure 36. World SiC PiN Production Value Market Share by Type (2018-2029)
- Figure 37. World SiC PiN Average Price by Type (2018-2029) & (US\$/Piece)
- Figure 38. World SiC PiN Production Value by Application, (USD Million), 2018 & 2022 & 2029
- Figure 39. World SiC PiN Production Value Market Share by Application in 2022
- Figure 40. Consumer
- Figure 41. Industrial
- Figure 42. Aerospace & Defense
- Figure 43. World SiC PiN Production Market Share by Application (2018-2029)
- Figure 44. World SiC PiN Production Value Market Share by Application (2018-2029)
- Figure 45. World SiC PiN Average Price by Application (2018-2029) & (US\$/Piece)
- Figure 46. SiC PiN Industry Chain
- Figure 47. SiC PiN Procurement Model

Figure 48. SiC PiN Sales Model

Figure 49. SiC PiN Sales Channels, Direct Sales, and Distribution

Figure 50. Methodology

Figure 51. Research Process and Data Source

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