

Global Automotive Grade Silicon Carbide Components Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

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Abstracts

According to our (Global Info Research) latest study, the global Automotive Grade Silicon Carbide Components 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.

This report is a detailed and comprehensive analysis for global Automotive Grade Silicon Carbide Components 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 Automotive Grade Silicon Carbide Components market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global Automotive Grade Silicon Carbide Components 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 Automotive Grade Silicon Carbide Components 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 Automotive Grade Silicon Carbide Components 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 Automotive Grade Silicon Carbide Components

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 Automotive Grade Silicon Carbide Components 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, STMicroelectronics, Ween Semiconductors Co., Ltd., ROHM Co., Ltd. and Infineon Technologies, 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

Automotive Grade Silicon Carbide Components 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

SiC Diodes

Silicon Carbide Triode

SiC FET

Other

Market segment by Application

Main Inverter

Vehicle Charger

Other

Major players covered

Wolfspeed

STMicroelectronics

Ween Semiconductors Co., Ltd.

ROHM Co., Ltd.

Infineon Technologies

Shenzhen BASiC Semiconductor Ltd.

Sanan Optoelectronics Co.,Ltd.

StarPower Semiconductor Co., Ltd.

Wingtech Technology Co.,Ltd.

Shanghai Hestia Power Inc.

Semikron

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 Automotive Grade Silicon Carbide Components product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Automotive Grade Silicon Carbide Components, with price, sales, revenue and global market share of Automotive Grade Silicon Carbide Components from 2018 to 2023.

Chapter 3, the Automotive Grade Silicon Carbide Components competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Automotive Grade Silicon Carbide Components 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 Automotive Grade Silicon Carbide Components 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 Automotive Grade Silicon Carbide Components.

Chapter 14 and 15, to describe Automotive Grade Silicon Carbide Components sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope of Automotive Grade Silicon Carbide Components

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Automotive Grade Silicon Carbide Components Consumption Value by Type: 2018 Versus 2022 Versus 2029

1.3.2 SiC Diodes

1.3.3 Silicon Carbide Triode

1.3.4 SiC FET

1.3.5 Other

1.4 Market Analysis by Application

1.4.1 Overview: Global Automotive Grade Silicon Carbide Components Consumption Value by Application: 2018 Versus 2022 Versus 2029

1.4.2 Main Inverter

1.4.3 Vehicle Charger

1.4.4 Other

1.5 Global Automotive Grade Silicon Carbide Components Market Size & Forecast

1.5.1 Global Automotive Grade Silicon Carbide Components Consumption Value (2018 & 2022 & 2029)

1.5.2 Global Automotive Grade Silicon Carbide Components Sales Quantity (2018-2029)

1.5.3 Global Automotive Grade Silicon Carbide Components Average Price (2018-2029)

2 MANUFACTURERS PROFILES

2.1 Wolfspeed

2.1.1 Wolfspeed Details

2.1.2 Wolfspeed Major Business

2.1.3 Wolfspeed Automotive Grade Silicon Carbide Components Product and Services

2.1.4 Wolfspeed Automotive Grade Silicon Carbide Components Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.1.5 Wolfspeed Recent Developments/Updates

2.2 STMicroelectronics

2.2.1 STMicroelectronics Details

2.2.2 STMicroelectronics Major Business

2.2.3 STMicroelectronics Automotive Grade Silicon Carbide Components Product and Services

2.2.4 STMicroelectronics Automotive Grade Silicon Carbide Components Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.2.5 STMicroelectronics Recent Developments/Updates

2.3 Ween Semiconductors Co., Ltd.

2.3.1 Ween Semiconductors Co., Ltd. Details

2.3.2 Ween Semiconductors Co., Ltd. Major Business

2.3.3 Ween Semiconductors Co., Ltd. Automotive Grade Silicon Carbide Components Product and Services

2.3.4 Ween Semiconductors Co., Ltd. Automotive Grade Silicon Carbide Components Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.3.5 Ween Semiconductors Co., Ltd. Recent Developments/Updates

2.4 ROHM Co., Ltd.

2.4.1 ROHM Co., Ltd. Details

2.4.2 ROHM Co., Ltd. Major Business

2.4.3 ROHM Co., Ltd. Automotive Grade Silicon Carbide Components Product and Services

2.4.4 ROHM Co., Ltd. Automotive Grade Silicon Carbide Components Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.4.5 ROHM Co., Ltd. Recent Developments/Updates

2.5 Infineon Technologies

2.5.1 Infineon Technologies Details

2.5.2 Infineon Technologies Major Business

2.5.3 Infineon Technologies Automotive Grade Silicon Carbide Components Product and Services

2.5.4 Infineon Technologies Automotive Grade Silicon Carbide Components Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.5.5 Infineon Technologies Recent Developments/Updates

2.6 Shenzhen BASiC Semiconductor Ltd.

2.6.1 Shenzhen BASiC Semiconductor Ltd. Details

2.6.2 Shenzhen BASiC Semiconductor Ltd. Major Business

2.6.3 Shenzhen BASiC Semiconductor Ltd. Automotive Grade Silicon Carbide Components Product and Services

2.6.4 Shenzhen BASiC Semiconductor Ltd. Automotive Grade Silicon Carbide Components Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.6.5 Shenzhen BASiC Semiconductor Ltd. Recent Developments/Updates

2.7 Sanan Optoelectronics Co.,Ltd.

- 2.7.1 Sanan Optoelectronics Co.,Ltd. Details
- 2.7.2 Sanan Optoelectronics Co.,Ltd. Major Business
- 2.7.3 Sanan Optoelectronics Co.,Ltd. Automotive Grade Silicon Carbide Components Product and Services
- 2.7.4 Sanan Optoelectronics Co.,Ltd. Automotive Grade Silicon Carbide Components Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
- 2.7.5 Sanan Optoelectronics Co.,Ltd. Recent Developments/Updates
- 2.8 StarPower Semiconductor Co., Ltd.
- 2.8.1 StarPower Semiconductor Co., Ltd. Details
- 2.8.2 StarPower Semiconductor Co., Ltd. Major Business
- 2.8.3 StarPower Semiconductor Co., Ltd. Automotive Grade Silicon Carbide Components Product and Services
- 2.8.4 StarPower Semiconductor Co., Ltd. Automotive Grade Silicon Carbide Components Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
- 2.8.5 StarPower Semiconductor Co., Ltd. Recent Developments/Updates
- 2.9 Wingtech Technology Co.,Ltd.
- 2.9.1 Wingtech Technology Co.,Ltd. Details
- 2.9.2 Wingtech Technology Co.,Ltd. Major Business
- 2.9.3 Wingtech Technology Co.,Ltd. Automotive Grade Silicon Carbide Components Product and Services
- 2.9.4 Wingtech Technology Co.,Ltd. Automotive Grade Silicon Carbide Components Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
- 2.9.5 Wingtech Technology Co.,Ltd. Recent Developments/Updates
- 2.10 Shanghai Hestia Power Inc.
- 2.10.1 Shanghai Hestia Power Inc. Details
- 2.10.2 Shanghai Hestia Power Inc. Major Business
- 2.10.3 Shanghai Hestia Power Inc. Automotive Grade Silicon Carbide Components Product and Services
- 2.10.4 Shanghai Hestia Power Inc. Automotive Grade Silicon Carbide Components Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
- 2.10.5 Shanghai Hestia Power Inc. Recent Developments/Updates
- 2.11 Semikron
- 2.11.1 Semikron Details
- 2.11.2 Semikron Major Business
- 2.11.3 Semikron Automotive Grade Silicon Carbide Components Product and Services
- 2.11.4 Semikron Automotive Grade Silicon Carbide Components Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
- 2.11.5 Semikron Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: AUTOMOTIVE GRADE SILICON CARBIDE COMPONENTS BY MANUFACTURER

- 3.1 Global Automotive Grade Silicon Carbide Components Sales Quantity by Manufacturer (2018-2023)
- 3.2 Global Automotive Grade Silicon Carbide Components Revenue by Manufacturer (2018-2023)
- 3.3 Global Automotive Grade Silicon Carbide Components Average Price by Manufacturer (2018-2023)
- 3.4 Market Share Analysis (2022)
 - 3.4.1 Producer Shipments of Automotive Grade Silicon Carbide Components by Manufacturer Revenue (\$MM) and Market Share (%): 2022
 - 3.4.2 Top 3 Automotive Grade Silicon Carbide Components Manufacturer Market Share in 2022
 - 3.4.2 Top 6 Automotive Grade Silicon Carbide Components Manufacturer Market Share in 2022
- 3.5 Automotive Grade Silicon Carbide Components Market: Overall Company Footprint Analysis
 - 3.5.1 Automotive Grade Silicon Carbide Components Market: Region Footprint
 - 3.5.2 Automotive Grade Silicon Carbide Components Market: Company Product Type Footprint
 - 3.5.3 Automotive Grade Silicon Carbide Components 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 Automotive Grade Silicon Carbide Components Market Size by Region
 - 4.1.1 Global Automotive Grade Silicon Carbide Components Sales Quantity by Region (2018-2029)
 - 4.1.2 Global Automotive Grade Silicon Carbide Components Consumption Value by Region (2018-2029)
 - 4.1.3 Global Automotive Grade Silicon Carbide Components Average Price by Region (2018-2029)
- 4.2 North America Automotive Grade Silicon Carbide Components Consumption Value (2018-2029)
- 4.3 Europe Automotive Grade Silicon Carbide Components Consumption Value

(2018-2029)

4.4 Asia-Pacific Automotive Grade Silicon Carbide Components Consumption Value (2018-2029)

4.5 South America Automotive Grade Silicon Carbide Components Consumption Value (2018-2029)

4.6 Middle East and Africa Automotive Grade Silicon Carbide Components Consumption Value (2018-2029)

5 MARKET SEGMENT BY TYPE

5.1 Global Automotive Grade Silicon Carbide Components Sales Quantity by Type (2018-2029)

5.2 Global Automotive Grade Silicon Carbide Components Consumption Value by Type (2018-2029)

5.3 Global Automotive Grade Silicon Carbide Components Average Price by Type (2018-2029)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Automotive Grade Silicon Carbide Components Sales Quantity by Application (2018-2029)

6.2 Global Automotive Grade Silicon Carbide Components Consumption Value by Application (2018-2029)

6.3 Global Automotive Grade Silicon Carbide Components Average Price by Application (2018-2029)

7 NORTH AMERICA

7.1 North America Automotive Grade Silicon Carbide Components Sales Quantity by Type (2018-2029)

7.2 North America Automotive Grade Silicon Carbide Components Sales Quantity by Application (2018-2029)

7.3 North America Automotive Grade Silicon Carbide Components Market Size by Country

7.3.1 North America Automotive Grade Silicon Carbide Components Sales Quantity by Country (2018-2029)

7.3.2 North America Automotive Grade Silicon Carbide Components 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 Automotive Grade Silicon Carbide Components Sales Quantity by Type (2018-2029)

8.2 Europe Automotive Grade Silicon Carbide Components Sales Quantity by Application (2018-2029)

8.3 Europe Automotive Grade Silicon Carbide Components Market Size by Country

8.3.1 Europe Automotive Grade Silicon Carbide Components Sales Quantity by Country (2018-2029)

8.3.2 Europe Automotive Grade Silicon Carbide Components 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 Automotive Grade Silicon Carbide Components Sales Quantity by Type (2018-2029)

9.2 Asia-Pacific Automotive Grade Silicon Carbide Components Sales Quantity by Application (2018-2029)

9.3 Asia-Pacific Automotive Grade Silicon Carbide Components Market Size by Region

9.3.1 Asia-Pacific Automotive Grade Silicon Carbide Components Sales Quantity by Region (2018-2029)

9.3.2 Asia-Pacific Automotive Grade Silicon Carbide Components 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 Automotive Grade Silicon Carbide Components Sales Quantity by Type (2018-2029)

10.2 South America Automotive Grade Silicon Carbide Components Sales Quantity by Application (2018-2029)

10.3 South America Automotive Grade Silicon Carbide Components Market Size by Country

10.3.1 South America Automotive Grade Silicon Carbide Components Sales Quantity by Country (2018-2029)

10.3.2 South America Automotive Grade Silicon Carbide Components 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 Automotive Grade Silicon Carbide Components Sales Quantity by Type (2018-2029)

11.2 Middle East & Africa Automotive Grade Silicon Carbide Components Sales Quantity by Application (2018-2029)

11.3 Middle East & Africa Automotive Grade Silicon Carbide Components Market Size by Country

11.3.1 Middle East & Africa Automotive Grade Silicon Carbide Components Sales Quantity by Country (2018-2029)

11.3.2 Middle East & Africa Automotive Grade Silicon Carbide Components 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 Automotive Grade Silicon Carbide Components Market Drivers

12.2 Automotive Grade Silicon Carbide Components Market Restraints

12.3 Automotive Grade Silicon Carbide Components 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 Automotive Grade Silicon Carbide Components and Key Manufacturers

13.2 Manufacturing Costs Percentage of Automotive Grade Silicon Carbide Components

13.3 Automotive Grade Silicon Carbide Components Production Process

13.4 Automotive Grade Silicon Carbide Components Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Automotive Grade Silicon Carbide Components Typical Distributors

14.3 Automotive Grade Silicon Carbide Components 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 Automotive Grade Silicon Carbide Components Consumption Value by Type, (USD Million), 2018 & 2022 & 2029
- Table 2. Global Automotive Grade Silicon Carbide Components Consumption Value by Application, (USD Million), 2018 & 2022 & 2029
- Table 3. Wolfspeed Basic Information, Manufacturing Base and Competitors
- Table 4. Wolfspeed Major Business
- Table 5. Wolfspeed Automotive Grade Silicon Carbide Components Product and Services
- Table 6. Wolfspeed Automotive Grade Silicon Carbide Components Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 7. Wolfspeed Recent Developments/Updates
- Table 8. STMicroelectronics Basic Information, Manufacturing Base and Competitors
- Table 9. STMicroelectronics Major Business
- Table 10. STMicroelectronics Automotive Grade Silicon Carbide Components Product and Services
- Table 11. STMicroelectronics Automotive Grade Silicon Carbide Components Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 12. STMicroelectronics Recent Developments/Updates
- Table 13. Ween Semiconductors Co., Ltd. Basic Information, Manufacturing Base and Competitors
- Table 14. Ween Semiconductors Co., Ltd. Major Business
- Table 15. Ween Semiconductors Co., Ltd. Automotive Grade Silicon Carbide Components Product and Services
- Table 16. Ween Semiconductors Co., Ltd. Automotive Grade Silicon Carbide Components Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 17. Ween Semiconductors Co., Ltd. Recent Developments/Updates
- Table 18. ROHM Co., Ltd. Basic Information, Manufacturing Base and Competitors
- Table 19. ROHM Co., Ltd. Major Business
- Table 20. ROHM Co., Ltd. Automotive Grade Silicon Carbide Components Product and Services
- Table 21. ROHM Co., Ltd. Automotive Grade Silicon Carbide Components Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and

Market Share (2018-2023)

Table 22. ROHM Co., Ltd. Recent Developments/Updates

Table 23. Infineon Technologies Basic Information, Manufacturing Base and Competitors

Table 24. Infineon Technologies Major Business

Table 25. Infineon Technologies Automotive Grade Silicon Carbide Components Product and Services

Table 26. Infineon Technologies Automotive Grade Silicon Carbide Components Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 27. Infineon Technologies Recent Developments/Updates

Table 28. Shenzhen BASiC Semiconductor Ltd. Basic Information, Manufacturing Base and Competitors

Table 29. Shenzhen BASiC Semiconductor Ltd. Major Business

Table 30. Shenzhen BASiC Semiconductor Ltd. Automotive Grade Silicon Carbide Components Product and Services

Table 31. Shenzhen BASiC Semiconductor Ltd. Automotive Grade Silicon Carbide Components Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 32. Shenzhen BASiC Semiconductor Ltd. Recent Developments/Updates

Table 33. Sanan Optoelectronics Co.,Ltd. Basic Information, Manufacturing Base and Competitors

Table 34. Sanan Optoelectronics Co.,Ltd. Major Business

Table 35. Sanan Optoelectronics Co.,Ltd. Automotive Grade Silicon Carbide Components Product and Services

Table 36. Sanan Optoelectronics Co.,Ltd. Automotive Grade Silicon Carbide Components Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 37. Sanan Optoelectronics Co.,Ltd. Recent Developments/Updates

Table 38. StarPower Semiconductor Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 39. StarPower Semiconductor Co., Ltd. Major Business

Table 40. StarPower Semiconductor Co., Ltd. Automotive Grade Silicon Carbide Components Product and Services

Table 41. StarPower Semiconductor Co., Ltd. Automotive Grade Silicon Carbide Components Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 42. StarPower Semiconductor Co., Ltd. Recent Developments/Updates

Table 43. Wingtech Technology Co.,Ltd. Basic Information, Manufacturing Base and

Competitors

Table 44. Wingtech Technology Co.,Ltd. Major Business

Table 45. Wingtech Technology Co.,Ltd. Automotive Grade Silicon Carbide Components Product and Services

Table 46. Wingtech Technology Co.,Ltd. Automotive Grade Silicon Carbide Components Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 47. Wingtech Technology Co.,Ltd. Recent Developments/Updates

Table 48. Shanghai Hestia Power Inc. Basic Information, Manufacturing Base and Competitors

Table 49. Shanghai Hestia Power Inc. Major Business

Table 50. Shanghai Hestia Power Inc. Automotive Grade Silicon Carbide Components Product and Services

Table 51. Shanghai Hestia Power Inc. Automotive Grade Silicon Carbide Components Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 52. Shanghai Hestia Power Inc. Recent Developments/Updates

Table 53. Semikron Basic Information, Manufacturing Base and Competitors

Table 54. Semikron Major Business

Table 55. Semikron Automotive Grade Silicon Carbide Components Product and Services

Table 56. Semikron Automotive Grade Silicon Carbide Components Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 57. Semikron Recent Developments/Updates

Table 58. Global Automotive Grade Silicon Carbide Components Sales Quantity by Manufacturer (2018-2023) & (K Units)

Table 59. Global Automotive Grade Silicon Carbide Components Revenue by Manufacturer (2018-2023) & (USD Million)

Table 60. Global Automotive Grade Silicon Carbide Components Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 61. Market Position of Manufacturers in Automotive Grade Silicon Carbide Components, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022

Table 62. Head Office and Automotive Grade Silicon Carbide Components Production Site of Key Manufacturer

Table 63. Automotive Grade Silicon Carbide Components Market: Company Product Type Footprint

Table 64. Automotive Grade Silicon Carbide Components Market: Company Product Application Footprint

Table 65. Automotive Grade Silicon Carbide Components New Market Entrants and Barriers to Market Entry

Table 66. Automotive Grade Silicon Carbide Components Mergers, Acquisition, Agreements, and Collaborations

Table 67. Global Automotive Grade Silicon Carbide Components Sales Quantity by Region (2018-2023) & (K Units)

Table 68. Global Automotive Grade Silicon Carbide Components Sales Quantity by Region (2024-2029) & (K Units)

Table 69. Global Automotive Grade Silicon Carbide Components Consumption Value by Region (2018-2023) & (USD Million)

Table 70. Global Automotive Grade Silicon Carbide Components Consumption Value by Region (2024-2029) & (USD Million)

Table 71. Global Automotive Grade Silicon Carbide Components Average Price by Region (2018-2023) & (US\$/Unit)

Table 72. Global Automotive Grade Silicon Carbide Components Average Price by Region (2024-2029) & (US\$/Unit)

Table 73. Global Automotive Grade Silicon Carbide Components Sales Quantity by Type (2018-2023) & (K Units)

Table 74. Global Automotive Grade Silicon Carbide Components Sales Quantity by Type (2024-2029) & (K Units)

Table 75. Global Automotive Grade Silicon Carbide Components Consumption Value by Type (2018-2023) & (USD Million)

Table 76. Global Automotive Grade Silicon Carbide Components Consumption Value by Type (2024-2029) & (USD Million)

Table 77. Global Automotive Grade Silicon Carbide Components Average Price by Type (2018-2023) & (US\$/Unit)

Table 78. Global Automotive Grade Silicon Carbide Components Average Price by Type (2024-2029) & (US\$/Unit)

Table 79. Global Automotive Grade Silicon Carbide Components Sales Quantity by Application (2018-2023) & (K Units)

Table 80. Global Automotive Grade Silicon Carbide Components Sales Quantity by Application (2024-2029) & (K Units)

Table 81. Global Automotive Grade Silicon Carbide Components Consumption Value by Application (2018-2023) & (USD Million)

Table 82. Global Automotive Grade Silicon Carbide Components Consumption Value by Application (2024-2029) & (USD Million)

Table 83. Global Automotive Grade Silicon Carbide Components Average Price by Application (2018-2023) & (US\$/Unit)

Table 84. Global Automotive Grade Silicon Carbide Components Average Price by

Application (2024-2029) & (US\$/Unit)

Table 85. North America Automotive Grade Silicon Carbide Components Sales Quantity by Type (2018-2023) & (K Units)

Table 86. North America Automotive Grade Silicon Carbide Components Sales Quantity by Type (2024-2029) & (K Units)

Table 87. North America Automotive Grade Silicon Carbide Components Sales Quantity by Application (2018-2023) & (K Units)

Table 88. North America Automotive Grade Silicon Carbide Components Sales Quantity by Application (2024-2029) & (K Units)

Table 89. North America Automotive Grade Silicon Carbide Components Sales Quantity by Country (2018-2023) & (K Units)

Table 90. North America Automotive Grade Silicon Carbide Components Sales Quantity by Country (2024-2029) & (K Units)

Table 91. North America Automotive Grade Silicon Carbide Components Consumption Value by Country (2018-2023) & (USD Million)

Table 92. North America Automotive Grade Silicon Carbide Components Consumption Value by Country (2024-2029) & (USD Million)

Table 93. Europe Automotive Grade Silicon Carbide Components Sales Quantity by Type (2018-2023) & (K Units)

Table 94. Europe Automotive Grade Silicon Carbide Components Sales Quantity by Type (2024-2029) & (K Units)

Table 95. Europe Automotive Grade Silicon Carbide Components Sales Quantity by Application (2018-2023) & (K Units)

Table 96. Europe Automotive Grade Silicon Carbide Components Sales Quantity by Application (2024-2029) & (K Units)

Table 97. Europe Automotive Grade Silicon Carbide Components Sales Quantity by Country (2018-2023) & (K Units)

Table 98. Europe Automotive Grade Silicon Carbide Components Sales Quantity by Country (2024-2029) & (K Units)

Table 99. Europe Automotive Grade Silicon Carbide Components Consumption Value by Country (2018-2023) & (USD Million)

Table 100. Europe Automotive Grade Silicon Carbide Components Consumption Value by Country (2024-2029) & (USD Million)

Table 101. Asia-Pacific Automotive Grade Silicon Carbide Components Sales Quantity by Type (2018-2023) & (K Units)

Table 102. Asia-Pacific Automotive Grade Silicon Carbide Components Sales Quantity by Type (2024-2029) & (K Units)

Table 103. Asia-Pacific Automotive Grade Silicon Carbide Components Sales Quantity by Application (2018-2023) & (K Units)

Table 104. Asia-Pacific Automotive Grade Silicon Carbide Components Sales Quantity by Application (2024-2029) & (K Units)

Table 105. Asia-Pacific Automotive Grade Silicon Carbide Components Sales Quantity by Region (2018-2023) & (K Units)

Table 106. Asia-Pacific Automotive Grade Silicon Carbide Components Sales Quantity by Region (2024-2029) & (K Units)

Table 107. Asia-Pacific Automotive Grade Silicon Carbide Components Consumption Value by Region (2018-2023) & (USD Million)

Table 108. Asia-Pacific Automotive Grade Silicon Carbide Components Consumption Value by Region (2024-2029) & (USD Million)

Table 109. South America Automotive Grade Silicon Carbide Components Sales Quantity by Type (2018-2023) & (K Units)

Table 110. South America Automotive Grade Silicon Carbide Components Sales Quantity by Type (2024-2029) & (K Units)

Table 111. South America Automotive Grade Silicon Carbide Components Sales Quantity by Application (2018-2023) & (K Units)

Table 112. South America Automotive Grade Silicon Carbide Components Sales Quantity by Application (2024-2029) & (K Units)

Table 113. South America Automotive Grade Silicon Carbide Components Sales Quantity by Country (2018-2023) & (K Units)

Table 114. South America Automotive Grade Silicon Carbide Components Sales Quantity by Country (2024-2029) & (K Units)

Table 115. South America Automotive Grade Silicon Carbide Components Consumption Value by Country (2018-2023) & (USD Million)

Table 116. South America Automotive Grade Silicon Carbide Components Consumption Value by Country (2024-2029) & (USD Million)

Table 117. Middle East & Africa Automotive Grade Silicon Carbide Components Sales Quantity by Type (2018-2023) & (K Units)

Table 118. Middle East & Africa Automotive Grade Silicon Carbide Components Sales Quantity by Type (2024-2029) & (K Units)

Table 119. Middle East & Africa Automotive Grade Silicon Carbide Components Sales Quantity by Application (2018-2023) & (K Units)

Table 120. Middle East & Africa Automotive Grade Silicon Carbide Components Sales Quantity by Application (2024-2029) & (K Units)

Table 121. Middle East & Africa Automotive Grade Silicon Carbide Components Sales Quantity by Region (2018-2023) & (K Units)

Table 122. Middle East & Africa Automotive Grade Silicon Carbide Components Sales Quantity by Region (2024-2029) & (K Units)

Table 123. Middle East & Africa Automotive Grade Silicon Carbide Components

Consumption Value by Region (2018-2023) & (USD Million)

Table 124. Middle East & Africa Automotive Grade Silicon Carbide Components

Consumption Value by Region (2024-2029) & (USD Million)

Table 125. Automotive Grade Silicon Carbide Components Raw Material

Table 126. Key Manufacturers of Automotive Grade Silicon Carbide Components Raw Materials

Table 127. Automotive Grade Silicon Carbide Components Typical Distributors

Table 128. Automotive Grade Silicon Carbide Components Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. Automotive Grade Silicon Carbide Components Picture
- Figure 2. Global Automotive Grade Silicon Carbide Components Consumption Value by Type, (USD Million), 2018 & 2022 & 2029
- Figure 3. Global Automotive Grade Silicon Carbide Components Consumption Value Market Share by Type in 2022
- Figure 4. SiC Diodes Examples
- Figure 5. Silicon Carbide Triode Examples
- Figure 6. SiC FET Examples
- Figure 7. Other Examples
- Figure 8. Global Automotive Grade Silicon Carbide Components Consumption Value by Application, (USD Million), 2018 & 2022 & 2029
- Figure 9. Global Automotive Grade Silicon Carbide Components Consumption Value Market Share by Application in 2022
- Figure 10. Main Inverter Examples
- Figure 11. Vehicle Charger Examples
- Figure 12. Other Examples
- Figure 13. Global Automotive Grade Silicon Carbide Components Consumption Value, (USD Million): 2018 & 2022 & 2029
- Figure 14. Global Automotive Grade Silicon Carbide Components Consumption Value and Forecast (2018-2029) & (USD Million)
- Figure 15. Global Automotive Grade Silicon Carbide Components Sales Quantity (2018-2029) & (K Units)
- Figure 16. Global Automotive Grade Silicon Carbide Components Average Price (2018-2029) & (US\$/Unit)
- Figure 17. Global Automotive Grade Silicon Carbide Components Sales Quantity Market Share by Manufacturer in 2022
- Figure 18. Global Automotive Grade Silicon Carbide Components Consumption Value Market Share by Manufacturer in 2022
- Figure 19. Producer Shipments of Automotive Grade Silicon Carbide Components by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2021
- Figure 20. Top 3 Automotive Grade Silicon Carbide Components Manufacturer (Consumption Value) Market Share in 2022
- Figure 21. Top 6 Automotive Grade Silicon Carbide Components Manufacturer (Consumption Value) Market Share in 2022
- Figure 22. Global Automotive Grade Silicon Carbide Components Sales Quantity

Market Share by Region (2018-2029)

Figure 23. Global Automotive Grade Silicon Carbide Components Consumption Value Market Share by Region (2018-2029)

Figure 24. North America Automotive Grade Silicon Carbide Components Consumption Value (2018-2029) & (USD Million)

Figure 25. Europe Automotive Grade Silicon Carbide Components Consumption Value (2018-2029) & (USD Million)

Figure 26. Asia-Pacific Automotive Grade Silicon Carbide Components Consumption Value (2018-2029) & (USD Million)

Figure 27. South America Automotive Grade Silicon Carbide Components Consumption Value (2018-2029) & (USD Million)

Figure 28. Middle East & Africa Automotive Grade Silicon Carbide Components Consumption Value (2018-2029) & (USD Million)

Figure 29. Global Automotive Grade Silicon Carbide Components Sales Quantity Market Share by Type (2018-2029)

Figure 30. Global Automotive Grade Silicon Carbide Components Consumption Value Market Share by Type (2018-2029)

Figure 31. Global Automotive Grade Silicon Carbide Components Average Price by Type (2018-2029) & (US\$/Unit)

Figure 32. Global Automotive Grade Silicon Carbide Components Sales Quantity Market Share by Application (2018-2029)

Figure 33. Global Automotive Grade Silicon Carbide Components Consumption Value Market Share by Application (2018-2029)

Figure 34. Global Automotive Grade Silicon Carbide Components Average Price by Application (2018-2029) & (US\$/Unit)

Figure 35. North America Automotive Grade Silicon Carbide Components Sales Quantity Market Share by Type (2018-2029)

Figure 36. North America Automotive Grade Silicon Carbide Components Sales Quantity Market Share by Application (2018-2029)

Figure 37. North America Automotive Grade Silicon Carbide Components Sales Quantity Market Share by Country (2018-2029)

Figure 38. North America Automotive Grade Silicon Carbide Components Consumption Value Market Share by Country (2018-2029)

Figure 39. United States Automotive Grade Silicon Carbide Components Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 40. Canada Automotive Grade Silicon Carbide Components Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 41. Mexico Automotive Grade Silicon Carbide Components Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 42. Europe Automotive Grade Silicon Carbide Components Sales Quantity Market Share by Type (2018-2029)

Figure 43. Europe Automotive Grade Silicon Carbide Components Sales Quantity Market Share by Application (2018-2029)

Figure 44. Europe Automotive Grade Silicon Carbide Components Sales Quantity Market Share by Country (2018-2029)

Figure 45. Europe Automotive Grade Silicon Carbide Components Consumption Value Market Share by Country (2018-2029)

Figure 46. Germany Automotive Grade Silicon Carbide Components Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 47. France Automotive Grade Silicon Carbide Components Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 48. United Kingdom Automotive Grade Silicon Carbide Components Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 49. Russia Automotive Grade Silicon Carbide Components Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 50. Italy Automotive Grade Silicon Carbide Components Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 51. Asia-Pacific Automotive Grade Silicon Carbide Components Sales Quantity Market Share by Type (2018-2029)

Figure 52. Asia-Pacific Automotive Grade Silicon Carbide Components Sales Quantity Market Share by Application (2018-2029)

Figure 53. Asia-Pacific Automotive Grade Silicon Carbide Components Sales Quantity Market Share by Region (2018-2029)

Figure 54. Asia-Pacific Automotive Grade Silicon Carbide Components Consumption Value Market Share by Region (2018-2029)

Figure 55. China Automotive Grade Silicon Carbide Components Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 56. Japan Automotive Grade Silicon Carbide Components Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 57. Korea Automotive Grade Silicon Carbide Components Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 58. India Automotive Grade Silicon Carbide Components Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 59. Southeast Asia Automotive Grade Silicon Carbide Components Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 60. Australia Automotive Grade Silicon Carbide Components Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 61. South America Automotive Grade Silicon Carbide Components Sales

Quantity Market Share by Type (2018-2029)

Figure 62. South America Automotive Grade Silicon Carbide Components Sales

Quantity Market Share by Application (2018-2029)

Figure 63. South America Automotive Grade Silicon Carbide Components Sales

Quantity Market Share by Country (2018-2029)

Figure 64. South America Automotive Grade Silicon Carbide Components Consumption

Value Market Share by Country (2018-2029)

Figure 65. Brazil Automotive Grade Silicon Carbide Components Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 66. Argentina Automotive Grade Silicon Carbide Components Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 67. Middle East & Africa Automotive Grade Silicon Carbide Components Sales

Quantity Market Share by Type (2018-2029)

Figure 68. Middle East & Africa Automotive Grade Silicon Carbide Components Sales

Quantity Market Share by Application (2018-2029)

Figure 69. Middle East & Africa Automotive Grade Silicon Carbide Components Sales

Quantity Market Share by Region (2018-2029)

Figure 70. Middle East & Africa Automotive Grade Silicon Carbide Components Consumption Value Market Share by Region (2018-2029)

Figure 71. Turkey Automotive Grade Silicon Carbide Components Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 72. Egypt Automotive Grade Silicon Carbide Components Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 73. Saudi Arabia Automotive Grade Silicon Carbide Components Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 74. South Africa Automotive Grade Silicon Carbide Components Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 75. Automotive Grade Silicon Carbide Components Market Drivers

Figure 76. Automotive Grade Silicon Carbide Components Market Restraints

Figure 77. Automotive Grade Silicon Carbide Components Market Trends

Figure 78. Porters Five Forces Analysis

Figure 79. Manufacturing Cost Structure Analysis of Automotive Grade Silicon Carbide Components in 2022

Figure 80. Manufacturing Process Analysis of Automotive Grade Silicon Carbide Components

Figure 81. Automotive Grade Silicon Carbide Components Industrial Chain

Figure 82. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 83. Direct Channel Pros & Cons

Figure 84. Indirect Channel Pros & Cons

Figure 85. Methodology

Figure 86. Research Process and Data Source

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