

Global Automotive SiC Power Semiconductor Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

<https://marketpublishers.com/r/G7224DED1038EN.html>

Date: July 2024

Pages: 113

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

ID: G7224DED1038EN

Abstracts

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

Silicon carbide power semiconductors have low loss, high voltage resistance, and high temperature resistance, which is one of the future development directions of power semiconductors.

Silicon carbide power devices can be used in main drive inverters, on-board charging systems, power conversion systems (on-board DC/DC) and charging piles in the field of electric vehicles. Its advantages of high frequency, high voltage resistance, and high temperature resistance can help electric vehicles Achieve higher efficiency and increase battery life.

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

Global Automotive SiC Power Semiconductor 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 SiC Power Semiconductor 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 SiC Power Semiconductor 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 SiC Power Semiconductor

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 SiC Power Semiconductor 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, Infineon Technologies, STMicroelectronics, ROHM and ON Semiconductor, etc.

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

Market Segmentation

Automotive SiC Power Semiconductor 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

Discrete Device

Integrated Circuit

Market segment by Application

Commercial Vehicle

Passenger Vehicle

Major players covered

Wolfspeed

Infineon Technologies

STMicroelectronics

ROHM

ON Semiconductor

Littelfuse

Microchip

Mitsubishi Electric

GeneSiC Semiconductor Inc.

BASiC Semiconductor

Sanan Optoelectronics

BYD Semiconductor

Advanced Micro-Fabrication Equipment

StarPower Semiconductor

Guangdong Xinyueneng Semiconductor

Inventchip Technology

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

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

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

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

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

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

Chapter 1, to describe Automotive SiC Power Semiconductor product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Automotive SiC Power Semiconductor, with price, sales, revenue and global market share of Automotive SiC Power Semiconductor from 2018 to 2023.

Chapter 3, the Automotive SiC Power Semiconductor competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed

emphatically by landscape contrast.

Chapter 4, the Automotive SiC Power Semiconductor 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 SiC Power Semiconductor 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 SiC Power Semiconductor.

Chapter 14 and 15, to describe Automotive SiC Power Semiconductor sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of Automotive SiC Power Semiconductor
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
 - 1.3.1 Overview: Global Automotive SiC Power Semiconductor Consumption Value by Type: 2018 Versus 2022 Versus 2029
 - 1.3.2 Discrete Device
 - 1.3.3 Integrated Circuit
- 1.4 Market Analysis by Application
 - 1.4.1 Overview: Global Automotive SiC Power Semiconductor Consumption Value by Application: 2018 Versus 2022 Versus 2029
 - 1.4.2 Commercial Vehicle
 - 1.4.3 Passenger Vehicle
- 1.5 Global Automotive SiC Power Semiconductor Market Size & Forecast
 - 1.5.1 Global Automotive SiC Power Semiconductor Consumption Value (2018 & 2022 & 2029)
 - 1.5.2 Global Automotive SiC Power Semiconductor Sales Quantity (2018-2029)
 - 1.5.3 Global Automotive SiC Power Semiconductor 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 SiC Power Semiconductor Product and Services
 - 2.1.4 Wolfspeed Automotive SiC Power Semiconductor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.1.5 Wolfspeed Recent Developments/Updates
- 2.2 Infineon Technologies
 - 2.2.1 Infineon Technologies Details
 - 2.2.2 Infineon Technologies Major Business
 - 2.2.3 Infineon Technologies Automotive SiC Power Semiconductor Product and Services
 - 2.2.4 Infineon Technologies Automotive SiC Power Semiconductor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.2.5 Infineon Technologies Recent Developments/Updates

2.3 STMicroelectronics

2.3.1 STMicroelectronics Details

2.3.2 STMicroelectronics Major Business

2.3.3 STMicroelectronics Automotive SiC Power Semiconductor Product and Services

2.3.4 STMicroelectronics Automotive SiC Power Semiconductor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.3.5 STMicroelectronics Recent Developments/Updates

2.4 ROHM

2.4.1 ROHM Details

2.4.2 ROHM Major Business

2.4.3 ROHM Automotive SiC Power Semiconductor Product and Services

2.4.4 ROHM Automotive SiC Power Semiconductor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.4.5 ROHM Recent Developments/Updates

2.5 ON Semiconductor

2.5.1 ON Semiconductor Details

2.5.2 ON Semiconductor Major Business

2.5.3 ON Semiconductor Automotive SiC Power Semiconductor Product and Services

2.5.4 ON Semiconductor Automotive SiC Power Semiconductor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.5.5 ON Semiconductor Recent Developments/Updates

2.6 Littelfuse

2.6.1 Littelfuse Details

2.6.2 Littelfuse Major Business

2.6.3 Littelfuse Automotive SiC Power Semiconductor Product and Services

2.6.4 Littelfuse Automotive SiC Power Semiconductor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.6.5 Littelfuse Recent Developments/Updates

2.7 Microchip

2.7.1 Microchip Details

2.7.2 Microchip Major Business

2.7.3 Microchip Automotive SiC Power Semiconductor Product and Services

2.7.4 Microchip Automotive SiC Power Semiconductor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.7.5 Microchip Recent Developments/Updates

2.8 Mitsubishi Electric

2.8.1 Mitsubishi Electric Details

2.8.2 Mitsubishi Electric Major Business

2.8.3 Mitsubishi Electric Automotive SiC Power Semiconductor Product and Services

2.8.4 Mitsubishi Electric Automotive SiC Power Semiconductor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.8.5 Mitsubishi Electric Recent Developments/Updates

2.9 GeneSiC Semiconductor Inc.

2.9.1 GeneSiC Semiconductor Inc. Details

2.9.2 GeneSiC Semiconductor Inc. Major Business

2.9.3 GeneSiC Semiconductor Inc. Automotive SiC Power Semiconductor Product and Services

2.9.4 GeneSiC Semiconductor Inc. Automotive SiC Power Semiconductor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.9.5 GeneSiC Semiconductor Inc. Recent Developments/Updates

2.10 BASiC Semiconductor

2.10.1 BASiC Semiconductor Details

2.10.2 BASiC Semiconductor Major Business

2.10.3 BASiC Semiconductor Automotive SiC Power Semiconductor Product and Services

2.10.4 BASiC Semiconductor Automotive SiC Power Semiconductor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.10.5 BASiC Semiconductor Recent Developments/Updates

2.11 Sanan Optoelectronics

2.11.1 Sanan Optoelectronics Details

2.11.2 Sanan Optoelectronics Major Business

2.11.3 Sanan Optoelectronics Automotive SiC Power Semiconductor Product and Services

2.11.4 Sanan Optoelectronics Automotive SiC Power Semiconductor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.11.5 Sanan Optoelectronics Recent Developments/Updates

2.12 BYD Semiconductor

2.12.1 BYD Semiconductor Details

2.12.2 BYD Semiconductor Major Business

2.12.3 BYD Semiconductor Automotive SiC Power Semiconductor Product and Services

2.12.4 BYD Semiconductor Automotive SiC Power Semiconductor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.12.5 BYD Semiconductor Recent Developments/Updates

2.13 Advanced Micro-Fabrication Equipment

2.13.1 Advanced Micro-Fabrication Equipment Details

2.13.2 Advanced Micro-Fabrication Equipment Major Business

2.13.3 Advanced Micro-Fabrication Equipment Automotive SiC Power Semiconductor

Product and Services

2.13.4 Advanced Micro-Fabrication Equipment Automotive SiC Power Semiconductor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.13.5 Advanced Micro-Fabrication Equipment Recent Developments/Updates

2.14 StarPower Semiconductor

2.14.1 StarPower Semiconductor Details

2.14.2 StarPower Semiconductor Major Business

2.14.3 StarPower Semiconductor Automotive SiC Power Semiconductor Product and Services

2.14.4 StarPower Semiconductor Automotive SiC Power Semiconductor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.14.5 StarPower Semiconductor Recent Developments/Updates

2.15 Guangdong Xinyueneng Semiconductor

2.15.1 Guangdong Xinyueneng Semiconductor Details

2.15.2 Guangdong Xinyueneng Semiconductor Major Business

2.15.3 Guangdong Xinyueneng Semiconductor Automotive SiC Power Semiconductor Product and Services

2.15.4 Guangdong Xinyueneng Semiconductor Automotive SiC Power Semiconductor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.15.5 Guangdong Xinyueneng Semiconductor Recent Developments/Updates

2.16 Inventchip Technology

2.16.1 Inventchip Technology Details

2.16.2 Inventchip Technology Major Business

2.16.3 Inventchip Technology Automotive SiC Power Semiconductor Product and Services

2.16.4 Inventchip Technology Automotive SiC Power Semiconductor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.16.5 Inventchip Technology Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: AUTOMOTIVE SiC POWER SEMICONDUCTOR BY MANUFACTURER

3.1 Global Automotive SiC Power Semiconductor Sales Quantity by Manufacturer (2018-2023)

3.2 Global Automotive SiC Power Semiconductor Revenue by Manufacturer (2018-2023)

3.3 Global Automotive SiC Power Semiconductor Average Price by Manufacturer (2018-2023)

3.4 Market Share Analysis (2022)

- 3.4.1 Producer Shipments of Automotive SiC Power Semiconductor by Manufacturer Revenue (\$MM) and Market Share (%): 2022
- 3.4.2 Top 3 Automotive SiC Power Semiconductor Manufacturer Market Share in 2022
- 3.4.2 Top 6 Automotive SiC Power Semiconductor Manufacturer Market Share in 2022
- 3.5 Automotive SiC Power Semiconductor Market: Overall Company Footprint Analysis
 - 3.5.1 Automotive SiC Power Semiconductor Market: Region Footprint
 - 3.5.2 Automotive SiC Power Semiconductor Market: Company Product Type Footprint
 - 3.5.3 Automotive SiC Power Semiconductor 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 SiC Power Semiconductor Market Size by Region
 - 4.1.1 Global Automotive SiC Power Semiconductor Sales Quantity by Region (2018-2029)
 - 4.1.2 Global Automotive SiC Power Semiconductor Consumption Value by Region (2018-2029)
 - 4.1.3 Global Automotive SiC Power Semiconductor Average Price by Region (2018-2029)
- 4.2 North America Automotive SiC Power Semiconductor Consumption Value (2018-2029)
- 4.3 Europe Automotive SiC Power Semiconductor Consumption Value (2018-2029)
- 4.4 Asia-Pacific Automotive SiC Power Semiconductor Consumption Value (2018-2029)
- 4.5 South America Automotive SiC Power Semiconductor Consumption Value (2018-2029)
- 4.6 Middle East and Africa Automotive SiC Power Semiconductor Consumption Value (2018-2029)

5 MARKET SEGMENT BY TYPE

- 5.1 Global Automotive SiC Power Semiconductor Sales Quantity by Type (2018-2029)
- 5.2 Global Automotive SiC Power Semiconductor Consumption Value by Type (2018-2029)
- 5.3 Global Automotive SiC Power Semiconductor Average Price by Type (2018-2029)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Automotive SiC Power Semiconductor Sales Quantity by Application (2018-2029)

6.2 Global Automotive SiC Power Semiconductor Consumption Value by Application (2018-2029)

6.3 Global Automotive SiC Power Semiconductor Average Price by Application (2018-2029)

7 NORTH AMERICA

7.1 North America Automotive SiC Power Semiconductor Sales Quantity by Type (2018-2029)

7.2 North America Automotive SiC Power Semiconductor Sales Quantity by Application (2018-2029)

7.3 North America Automotive SiC Power Semiconductor Market Size by Country

7.3.1 North America Automotive SiC Power Semiconductor Sales Quantity by Country (2018-2029)

7.3.2 North America Automotive SiC Power Semiconductor 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 SiC Power Semiconductor Sales Quantity by Type (2018-2029)

8.2 Europe Automotive SiC Power Semiconductor Sales Quantity by Application (2018-2029)

8.3 Europe Automotive SiC Power Semiconductor Market Size by Country

8.3.1 Europe Automotive SiC Power Semiconductor Sales Quantity by Country (2018-2029)

8.3.2 Europe Automotive SiC Power Semiconductor 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 SiC Power Semiconductor Sales Quantity by Type (2018-2029)

9.2 Asia-Pacific Automotive SiC Power Semiconductor Sales Quantity by Application (2018-2029)

9.3 Asia-Pacific Automotive SiC Power Semiconductor Market Size by Region

9.3.1 Asia-Pacific Automotive SiC Power Semiconductor Sales Quantity by Region (2018-2029)

9.3.2 Asia-Pacific Automotive SiC Power Semiconductor 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 SiC Power Semiconductor Sales Quantity by Type (2018-2029)

10.2 South America Automotive SiC Power Semiconductor Sales Quantity by Application (2018-2029)

10.3 South America Automotive SiC Power Semiconductor Market Size by Country

10.3.1 South America Automotive SiC Power Semiconductor Sales Quantity by Country (2018-2029)

10.3.2 South America Automotive SiC Power Semiconductor 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 SiC Power Semiconductor Sales Quantity by Type (2018-2029)

11.2 Middle East & Africa Automotive SiC Power Semiconductor Sales Quantity by Application (2018-2029)

11.3 Middle East & Africa Automotive SiC Power Semiconductor Market Size by Country

11.3.1 Middle East & Africa Automotive SiC Power Semiconductor Sales Quantity by Country (2018-2029)

11.3.2 Middle East & Africa Automotive SiC Power Semiconductor 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 SiC Power Semiconductor Market Drivers

12.2 Automotive SiC Power Semiconductor Market Restraints

12.3 Automotive SiC Power Semiconductor 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 SiC Power Semiconductor and Key Manufacturers

13.2 Manufacturing Costs Percentage of Automotive SiC Power Semiconductor

13.3 Automotive SiC Power Semiconductor Production Process

13.4 Automotive SiC Power Semiconductor 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 SiC Power Semiconductor Typical Distributors

14.3 Automotive SiC Power Semiconductor 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 SiC Power Semiconductor Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Table 2. Global Automotive SiC Power Semiconductor 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 SiC Power Semiconductor Product and Services

Table 6. Wolfspeed Automotive SiC Power Semiconductor 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. Infineon Technologies Basic Information, Manufacturing Base and Competitors

Table 9. Infineon Technologies Major Business

Table 10. Infineon Technologies Automotive SiC Power Semiconductor Product and Services

Table 11. Infineon Technologies Automotive SiC Power Semiconductor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 12. Infineon Technologies Recent Developments/Updates

Table 13. STMicroelectronics Basic Information, Manufacturing Base and Competitors

Table 14. STMicroelectronics Major Business

Table 15. STMicroelectronics Automotive SiC Power Semiconductor Product and Services

Table 16. STMicroelectronics Automotive SiC Power Semiconductor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 17. STMicroelectronics Recent Developments/Updates

Table 18. ROHM Basic Information, Manufacturing Base and Competitors

Table 19. ROHM Major Business

Table 20. ROHM Automotive SiC Power Semiconductor Product and Services

Table 21. ROHM Automotive SiC Power Semiconductor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 22. ROHM Recent Developments/Updates

Table 23. ON Semiconductor Basic Information, Manufacturing Base and Competitors

- Table 24. ON Semiconductor Major Business
- Table 25. ON Semiconductor Automotive SiC Power Semiconductor Product and Services
- Table 26. ON Semiconductor Automotive SiC Power Semiconductor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 27. ON Semiconductor Recent Developments/Updates
- Table 28. Littelfuse Basic Information, Manufacturing Base and Competitors
- Table 29. Littelfuse Major Business
- Table 30. Littelfuse Automotive SiC Power Semiconductor Product and Services
- Table 31. Littelfuse Automotive SiC Power Semiconductor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 32. Littelfuse Recent Developments/Updates
- Table 33. Microchip Basic Information, Manufacturing Base and Competitors
- Table 34. Microchip Major Business
- Table 35. Microchip Automotive SiC Power Semiconductor Product and Services
- Table 36. Microchip Automotive SiC Power Semiconductor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 37. Microchip Recent Developments/Updates
- Table 38. Mitsubishi Electric Basic Information, Manufacturing Base and Competitors
- Table 39. Mitsubishi Electric Major Business
- Table 40. Mitsubishi Electric Automotive SiC Power Semiconductor Product and Services
- Table 41. Mitsubishi Electric Automotive SiC Power Semiconductor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 42. Mitsubishi Electric Recent Developments/Updates
- Table 43. GeneSiC Semiconductor Inc. Basic Information, Manufacturing Base and Competitors
- Table 44. GeneSiC Semiconductor Inc. Major Business
- Table 45. GeneSiC Semiconductor Inc. Automotive SiC Power Semiconductor Product and Services
- Table 46. GeneSiC Semiconductor Inc. Automotive SiC Power Semiconductor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 47. GeneSiC Semiconductor Inc. Recent Developments/Updates
- Table 48. BASiC Semiconductor Basic Information, Manufacturing Base and

Competitors

Table 49. BASiC Semiconductor Major Business

Table 50. BASiC Semiconductor Automotive SiC Power Semiconductor Product and Services

Table 51. BASiC Semiconductor Automotive SiC Power Semiconductor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 52. BASiC Semiconductor Recent Developments/Updates

Table 53. Sanan Optoelectronics Basic Information, Manufacturing Base and Competitors

Table 54. Sanan Optoelectronics Major Business

Table 55. Sanan Optoelectronics Automotive SiC Power Semiconductor Product and Services

Table 56. Sanan Optoelectronics Automotive SiC Power Semiconductor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 57. Sanan Optoelectronics Recent Developments/Updates

Table 58. BYD Semiconductor Basic Information, Manufacturing Base and Competitors

Table 59. BYD Semiconductor Major Business

Table 60. BYD Semiconductor Automotive SiC Power Semiconductor Product and Services

Table 61. BYD Semiconductor Automotive SiC Power Semiconductor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 62. BYD Semiconductor Recent Developments/Updates

Table 63. Advanced Micro-Fabrication Equipment Basic Information, Manufacturing Base and Competitors

Table 64. Advanced Micro-Fabrication Equipment Major Business

Table 65. Advanced Micro-Fabrication Equipment Automotive SiC Power Semiconductor Product and Services

Table 66. Advanced Micro-Fabrication Equipment Automotive SiC Power Semiconductor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 67. Advanced Micro-Fabrication Equipment Recent Developments/Updates

Table 68. StarPower Semiconductor Basic Information, Manufacturing Base and Competitors

Table 69. StarPower Semiconductor Major Business

Table 70. StarPower Semiconductor Automotive SiC Power Semiconductor Product and Services

Table 71. StarPower Semiconductor Automotive SiC Power Semiconductor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 72. StarPower Semiconductor Recent Developments/Updates

Table 73. Guangdong Xinyueneng Semiconductor Basic Information, Manufacturing Base and Competitors

Table 74. Guangdong Xinyueneng Semiconductor Major Business

Table 75. Guangdong Xinyueneng Semiconductor Automotive SiC Power Semiconductor Product and Services

Table 76. Guangdong Xinyueneng Semiconductor Automotive SiC Power Semiconductor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. Guangdong Xinyueneng Semiconductor Recent Developments/Updates

Table 78. Inventchip Technology Basic Information, Manufacturing Base and Competitors

Table 79. Inventchip Technology Major Business

Table 80. Inventchip Technology Automotive SiC Power Semiconductor Product and Services

Table 81. Inventchip Technology Automotive SiC Power Semiconductor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 82. Inventchip Technology Recent Developments/Updates

Table 83. Global Automotive SiC Power Semiconductor Sales Quantity by Manufacturer (2018-2023) & (K Units)

Table 84. Global Automotive SiC Power Semiconductor Revenue by Manufacturer (2018-2023) & (USD Million)

Table 85. Global Automotive SiC Power Semiconductor Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 86. Market Position of Manufacturers in Automotive SiC Power Semiconductor, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022

Table 87. Head Office and Automotive SiC Power Semiconductor Production Site of Key Manufacturer

Table 88. Automotive SiC Power Semiconductor Market: Company Product Type Footprint

Table 89. Automotive SiC Power Semiconductor Market: Company Product Application Footprint

Table 90. Automotive SiC Power Semiconductor New Market Entrants and Barriers to Market Entry

Table 91. Automotive SiC Power Semiconductor Mergers, Acquisition, Agreements, and

Collaborations

Table 92. Global Automotive SiC Power Semiconductor Sales Quantity by Region (2018-2023) & (K Units)

Table 93. Global Automotive SiC Power Semiconductor Sales Quantity by Region (2024-2029) & (K Units)

Table 94. Global Automotive SiC Power Semiconductor Consumption Value by Region (2018-2023) & (USD Million)

Table 95. Global Automotive SiC Power Semiconductor Consumption Value by Region (2024-2029) & (USD Million)

Table 96. Global Automotive SiC Power Semiconductor Average Price by Region (2018-2023) & (US\$/Unit)

Table 97. Global Automotive SiC Power Semiconductor Average Price by Region (2024-2029) & (US\$/Unit)

Table 98. Global Automotive SiC Power Semiconductor Sales Quantity by Type (2018-2023) & (K Units)

Table 99. Global Automotive SiC Power Semiconductor Sales Quantity by Type (2024-2029) & (K Units)

Table 100. Global Automotive SiC Power Semiconductor Consumption Value by Type (2018-2023) & (USD Million)

Table 101. Global Automotive SiC Power Semiconductor Consumption Value by Type (2024-2029) & (USD Million)

Table 102. Global Automotive SiC Power Semiconductor Average Price by Type (2018-2023) & (US\$/Unit)

Table 103. Global Automotive SiC Power Semiconductor Average Price by Type (2024-2029) & (US\$/Unit)

Table 104. Global Automotive SiC Power Semiconductor Sales Quantity by Application (2018-2023) & (K Units)

Table 105. Global Automotive SiC Power Semiconductor Sales Quantity by Application (2024-2029) & (K Units)

Table 106. Global Automotive SiC Power Semiconductor Consumption Value by Application (2018-2023) & (USD Million)

Table 107. Global Automotive SiC Power Semiconductor Consumption Value by Application (2024-2029) & (USD Million)

Table 108. Global Automotive SiC Power Semiconductor Average Price by Application (2018-2023) & (US\$/Unit)

Table 109. Global Automotive SiC Power Semiconductor Average Price by Application (2024-2029) & (US\$/Unit)

Table 110. North America Automotive SiC Power Semiconductor Sales Quantity by Type (2018-2023) & (K Units)

Table 111. North America Automotive SiC Power Semiconductor Sales Quantity by Type (2024-2029) & (K Units)

Table 112. North America Automotive SiC Power Semiconductor Sales Quantity by Application (2018-2023) & (K Units)

Table 113. North America Automotive SiC Power Semiconductor Sales Quantity by Application (2024-2029) & (K Units)

Table 114. North America Automotive SiC Power Semiconductor Sales Quantity by Country (2018-2023) & (K Units)

Table 115. North America Automotive SiC Power Semiconductor Sales Quantity by Country (2024-2029) & (K Units)

Table 116. North America Automotive SiC Power Semiconductor Consumption Value by Country (2018-2023) & (USD Million)

Table 117. North America Automotive SiC Power Semiconductor Consumption Value by Country (2024-2029) & (USD Million)

Table 118. Europe Automotive SiC Power Semiconductor Sales Quantity by Type (2018-2023) & (K Units)

Table 119. Europe Automotive SiC Power Semiconductor Sales Quantity by Type (2024-2029) & (K Units)

Table 120. Europe Automotive SiC Power Semiconductor Sales Quantity by Application (2018-2023) & (K Units)

Table 121. Europe Automotive SiC Power Semiconductor Sales Quantity by Application (2024-2029) & (K Units)

Table 122. Europe Automotive SiC Power Semiconductor Sales Quantity by Country (2018-2023) & (K Units)

Table 123. Europe Automotive SiC Power Semiconductor Sales Quantity by Country (2024-2029) & (K Units)

Table 124. Europe Automotive SiC Power Semiconductor Consumption Value by Country (2018-2023) & (USD Million)

Table 125. Europe Automotive SiC Power Semiconductor Consumption Value by Country (2024-2029) & (USD Million)

Table 126. Asia-Pacific Automotive SiC Power Semiconductor Sales Quantity by Type (2018-2023) & (K Units)

Table 127. Asia-Pacific Automotive SiC Power Semiconductor Sales Quantity by Type (2024-2029) & (K Units)

Table 128. Asia-Pacific Automotive SiC Power Semiconductor Sales Quantity by Application (2018-2023) & (K Units)

Table 129. Asia-Pacific Automotive SiC Power Semiconductor Sales Quantity by Application (2024-2029) & (K Units)

Table 130. Asia-Pacific Automotive SiC Power Semiconductor Sales Quantity by

Region (2018-2023) & (K Units)

Table 131. Asia-Pacific Automotive SiC Power Semiconductor Sales Quantity by Region (2024-2029) & (K Units)

Table 132. Asia-Pacific Automotive SiC Power Semiconductor Consumption Value by Region (2018-2023) & (USD Million)

Table 133. Asia-Pacific Automotive SiC Power Semiconductor Consumption Value by Region (2024-2029) & (USD Million)

Table 134. South America Automotive SiC Power Semiconductor Sales Quantity by Type (2018-2023) & (K Units)

Table 135. South America Automotive SiC Power Semiconductor Sales Quantity by Type (2024-2029) & (K Units)

Table 136. South America Automotive SiC Power Semiconductor Sales Quantity by Application (2018-2023) & (K Units)

Table 137. South America Automotive SiC Power Semiconductor Sales Quantity by Application (2024-2029) & (K Units)

Table 138. South America Automotive SiC Power Semiconductor Sales Quantity by Country (2018-2023) & (K Units)

Table 139. South America Automotive SiC Power Semiconductor Sales Quantity by Country (2024-2029) & (K Units)

Table 140. South America Automotive SiC Power Semiconductor Consumption Value by Country (2018-2023) & (USD Million)

Table 141. South America Automotive SiC Power Semiconductor Consumption Value by Country (2024-2029) & (USD Million)

Table 142. Middle East & Africa Automotive SiC Power Semiconductor Sales Quantity by Type (2018-2023) & (K Units)

Table 143. Middle East & Africa Automotive SiC Power Semiconductor Sales Quantity by Type (2024-2029) & (K Units)

Table 144. Middle East & Africa Automotive SiC Power Semiconductor Sales Quantity by Application (2018-2023) & (K Units)

Table 145. Middle East & Africa Automotive SiC Power Semiconductor Sales Quantity by Application (2024-2029) & (K Units)

Table 146. Middle East & Africa Automotive SiC Power Semiconductor Sales Quantity by Region (2018-2023) & (K Units)

Table 147. Middle East & Africa Automotive SiC Power Semiconductor Sales Quantity by Region (2024-2029) & (K Units)

Table 148. Middle East & Africa Automotive SiC Power Semiconductor Consumption Value by Region (2018-2023) & (USD Million)

Table 149. Middle East & Africa Automotive SiC Power Semiconductor Consumption Value by Region (2024-2029) & (USD Million)

Table 150. Automotive SiC Power Semiconductor Raw Material

Table 151. Key Manufacturers of Automotive SiC Power Semiconductor Raw Materials

Table 152. Automotive SiC Power Semiconductor Typical Distributors

Table 153. Automotive SiC Power Semiconductor Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. Automotive SiC Power Semiconductor Picture
- Figure 2. Global Automotive SiC Power Semiconductor Consumption Value by Type, (USD Million), 2018 & 2022 & 2029
- Figure 3. Global Automotive SiC Power Semiconductor Consumption Value Market Share by Type in 2022
- Figure 4. Discrete Device Examples
- Figure 5. Integrated Circuit Examples
- Figure 6. Global Automotive SiC Power Semiconductor Consumption Value by Application, (USD Million), 2018 & 2022 & 2029
- Figure 7. Global Automotive SiC Power Semiconductor Consumption Value Market Share by Application in 2022
- Figure 8. Commercial Vehicle Examples
- Figure 9. Passenger Vehicle Examples
- Figure 10. Global Automotive SiC Power Semiconductor Consumption Value, (USD Million): 2018 & 2022 & 2029
- Figure 11. Global Automotive SiC Power Semiconductor Consumption Value and Forecast (2018-2029) & (USD Million)
- Figure 12. Global Automotive SiC Power Semiconductor Sales Quantity (2018-2029) & (K Units)
- Figure 13. Global Automotive SiC Power Semiconductor Average Price (2018-2029) & (US\$/Unit)
- Figure 14. Global Automotive SiC Power Semiconductor Sales Quantity Market Share by Manufacturer in 2022
- Figure 15. Global Automotive SiC Power Semiconductor Consumption Value Market Share by Manufacturer in 2022
- Figure 16. Producer Shipments of Automotive SiC Power Semiconductor by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2021
- Figure 17. Top 3 Automotive SiC Power Semiconductor Manufacturer (Consumption Value) Market Share in 2022
- Figure 18. Top 6 Automotive SiC Power Semiconductor Manufacturer (Consumption Value) Market Share in 2022
- Figure 19. Global Automotive SiC Power Semiconductor Sales Quantity Market Share by Region (2018-2029)
- Figure 20. Global Automotive SiC Power Semiconductor Consumption Value Market Share by Region (2018-2029)

Figure 21. North America Automotive SiC Power Semiconductor Consumption Value (2018-2029) & (USD Million)

Figure 22. Europe Automotive SiC Power Semiconductor Consumption Value (2018-2029) & (USD Million)

Figure 23. Asia-Pacific Automotive SiC Power Semiconductor Consumption Value (2018-2029) & (USD Million)

Figure 24. South America Automotive SiC Power Semiconductor Consumption Value (2018-2029) & (USD Million)

Figure 25. Middle East & Africa Automotive SiC Power Semiconductor Consumption Value (2018-2029) & (USD Million)

Figure 26. Global Automotive SiC Power Semiconductor Sales Quantity Market Share by Type (2018-2029)

Figure 27. Global Automotive SiC Power Semiconductor Consumption Value Market Share by Type (2018-2029)

Figure 28. Global Automotive SiC Power Semiconductor Average Price by Type (2018-2029) & (US\$/Unit)

Figure 29. Global Automotive SiC Power Semiconductor Sales Quantity Market Share by Application (2018-2029)

Figure 30. Global Automotive SiC Power Semiconductor Consumption Value Market Share by Application (2018-2029)

Figure 31. Global Automotive SiC Power Semiconductor Average Price by Application (2018-2029) & (US\$/Unit)

Figure 32. North America Automotive SiC Power Semiconductor Sales Quantity Market Share by Type (2018-2029)

Figure 33. North America Automotive SiC Power Semiconductor Sales Quantity Market Share by Application (2018-2029)

Figure 34. North America Automotive SiC Power Semiconductor Sales Quantity Market Share by Country (2018-2029)

Figure 35. North America Automotive SiC Power Semiconductor Consumption Value Market Share by Country (2018-2029)

Figure 36. United States Automotive SiC Power Semiconductor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 37. Canada Automotive SiC Power Semiconductor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 38. Mexico Automotive SiC Power Semiconductor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 39. Europe Automotive SiC Power Semiconductor Sales Quantity Market Share by Type (2018-2029)

Figure 40. Europe Automotive SiC Power Semiconductor Sales Quantity Market Share

by Application (2018-2029)

Figure 41. Europe Automotive SiC Power Semiconductor Sales Quantity Market Share by Country (2018-2029)

Figure 42. Europe Automotive SiC Power Semiconductor Consumption Value Market Share by Country (2018-2029)

Figure 43. Germany Automotive SiC Power Semiconductor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 44. France Automotive SiC Power Semiconductor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 45. United Kingdom Automotive SiC Power Semiconductor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 46. Russia Automotive SiC Power Semiconductor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 47. Italy Automotive SiC Power Semiconductor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 48. Asia-Pacific Automotive SiC Power Semiconductor Sales Quantity Market Share by Type (2018-2029)

Figure 49. Asia-Pacific Automotive SiC Power Semiconductor Sales Quantity Market Share by Application (2018-2029)

Figure 50. Asia-Pacific Automotive SiC Power Semiconductor Sales Quantity Market Share by Region (2018-2029)

Figure 51. Asia-Pacific Automotive SiC Power Semiconductor Consumption Value Market Share by Region (2018-2029)

Figure 52. China Automotive SiC Power Semiconductor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 53. Japan Automotive SiC Power Semiconductor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 54. Korea Automotive SiC Power Semiconductor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 55. India Automotive SiC Power Semiconductor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 56. Southeast Asia Automotive SiC Power Semiconductor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 57. Australia Automotive SiC Power Semiconductor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 58. South America Automotive SiC Power Semiconductor Sales Quantity Market Share by Type (2018-2029)

Figure 59. South America Automotive SiC Power Semiconductor Sales Quantity Market Share by Application (2018-2029)

- Figure 60. South America Automotive SiC Power Semiconductor Sales Quantity Market Share by Country (2018-2029)
- Figure 61. South America Automotive SiC Power Semiconductor Consumption Value Market Share by Country (2018-2029)
- Figure 62. Brazil Automotive SiC Power Semiconductor Consumption Value and Growth Rate (2018-2029) & (USD Million)
- Figure 63. Argentina Automotive SiC Power Semiconductor Consumption Value and Growth Rate (2018-2029) & (USD Million)
- Figure 64. Middle East & Africa Automotive SiC Power Semiconductor Sales Quantity Market Share by Type (2018-2029)
- Figure 65. Middle East & Africa Automotive SiC Power Semiconductor Sales Quantity Market Share by Application (2018-2029)
- Figure 66. Middle East & Africa Automotive SiC Power Semiconductor Sales Quantity Market Share by Region (2018-2029)
- Figure 67. Middle East & Africa Automotive SiC Power Semiconductor Consumption Value Market Share by Region (2018-2029)
- Figure 68. Turkey Automotive SiC Power Semiconductor Consumption Value and Growth Rate (2018-2029) & (USD Million)
- Figure 69. Egypt Automotive SiC Power Semiconductor Consumption Value and Growth Rate (2018-2029) & (USD Million)
- Figure 70. Saudi Arabia Automotive SiC Power Semiconductor Consumption Value and Growth Rate (2018-2029) & (USD Million)
- Figure 71. South Africa Automotive SiC Power Semiconductor Consumption Value and Growth Rate (2018-2029) & (USD Million)
- Figure 72. Automotive SiC Power Semiconductor Market Drivers
- Figure 73. Automotive SiC Power Semiconductor Market Restraints
- Figure 74. Automotive SiC Power Semiconductor Market Trends
- Figure 75. Porters Five Forces Analysis
- Figure 76. Manufacturing Cost Structure Analysis of Automotive SiC Power Semiconductor in 2022
- Figure 77. Manufacturing Process Analysis of Automotive SiC Power Semiconductor
- Figure 78. Automotive SiC Power Semiconductor Industrial Chain
- Figure 79. Sales Quantity Channel: Direct to End-User vs Distributors
- Figure 80. Direct Channel Pros & Cons
- Figure 81. Indirect Channel Pros & Cons
- Figure 82. Methodology
- Figure 83. Research Process and Data Source

I would like to order

Product name: Global Automotive SiC Power Semiconductor Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

Product link: <https://marketpublishers.com/r/G7224DED1038EN.html>

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

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G7224DED1038EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

