

Global Automotive-grade SiC Power Device Market Growth 2023-2029

<https://marketpublishers.com/r/GD95332F985FEN.html>

Date: February 2023

Pages: 102

Price: US\$ 3,660.00 (Single User License)

ID: GD95332F985FEN

Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

Silicon carbide (SiC) in electric vehicles brings more efficiency, higher power density and performance. For 800 V battery system and large battery capacity, silicon carbide leads to higher efficiency in inverters and thus enables longer ranges or lower battery costs.

LPI (LP Information)' newest research report, the "Automotive-grade SiC Power Device Industry Forecast" looks at past sales and reviews total world Automotive-grade SiC Power Device sales in 2022, providing a comprehensive analysis by region and market sector of projected Automotive-grade SiC Power Device sales for 2023 through 2029. With Automotive-grade SiC Power Device sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Automotive-grade SiC Power Device industry.

This Insight Report provides a comprehensive analysis of the global Automotive-grade SiC Power Device landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Automotive-grade SiC Power Device portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Automotive-grade SiC Power Device market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Automotive-grade SiC Power Device and breaks down the forecast by type, by application, geography, and market size to highlight emerging

pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Automotive-grade SiC Power Device.

The global Automotive-grade SiC Power Device market size is projected to grow from US\$ million in 2022 to US\$ million in 2029; it is expected to grow at a CAGR of % from 2023 to 2029.

United States market for Automotive-grade SiC Power Device is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

China market for Automotive-grade SiC Power Device is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Europe market for Automotive-grade SiC Power Device is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key Automotive-grade SiC Power Device players cover STMicroelectronics, ROHM CO., LTD., Starnpower, Wolfspeed, Infineon Technologies, ON Semiconductor, Littelfuse, Microchip and Mitsubishi Electric, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

This report presents a comprehensive overview, market shares, and growth opportunities of Automotive-grade SiC Power Device market by product type, application, key manufacturers and key regions and countries.

Market Segmentation:

Segmentation by type

MOSFET

SBD

Diodes

Segmentation by application

DC/DC Converter

On Board Charger

Inverter

Other Applications

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

STMicroelectronics

ROHM CO.,LTD.

Starpower

Wolfspeed

Infineon Technologies

ON Semiconductor

Littelfuse

Microchip

Mitsubishi Electric

GeneSiC Semiconductor Inc.

Shenzhen BASiC Semiconductor LTD

Imperix

Key Questions Addressed in this Report

What is the 10-year outlook for the global Automotive-grade SiC Power Device market?

What factors are driving Automotive-grade SiC Power Device market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Automotive-grade SiC Power Device market opportunities vary by end market size?

How does Automotive-grade SiC Power Device break out type, application?

What are the influences of COVID-19 and Russia-Ukraine war?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global Automotive-grade SiC Power Device Annual Sales 2018-2029
 - 2.1.2 World Current & Future Analysis for Automotive-grade SiC Power Device by Geographic Region, 2018, 2022 & 2029
 - 2.1.3 World Current & Future Analysis for Automotive-grade SiC Power Device by Country/Region, 2018, 2022 & 2029
- 2.2 Automotive-grade SiC Power Device Segment by Type
 - 2.2.1 MOSFET
 - 2.2.2 SBD
 - 2.2.3 Diodes
- 2.3 Automotive-grade SiC Power Device Sales by Type
 - 2.3.1 Global Automotive-grade SiC Power Device Sales Market Share by Type (2018-2023)
 - 2.3.2 Global Automotive-grade SiC Power Device Revenue and Market Share by Type (2018-2023)
 - 2.3.3 Global Automotive-grade SiC Power Device Sale Price by Type (2018-2023)
- 2.4 Automotive-grade SiC Power Device Segment by Application
 - 2.4.1 DC/DC Converter
 - 2.4.2 On Board Charger
 - 2.4.3 Inverter
 - 2.4.4 Other Applications
- 2.5 Automotive-grade SiC Power Device Sales by Application
 - 2.5.1 Global Automotive-grade SiC Power Device Sale Market Share by Application (2018-2023)

2.5.2 Global Automotive-grade SiC Power Device Revenue and Market Share by Application (2018-2023)

2.5.3 Global Automotive-grade SiC Power Device Sale Price by Application (2018-2023)

3 GLOBAL AUTOMOTIVE-GRADE SiC POWER DEVICE BY COMPANY

3.1 Global Automotive-grade SiC Power Device Breakdown Data by Company

3.1.1 Global Automotive-grade SiC Power Device Annual Sales by Company (2018-2023)

3.1.2 Global Automotive-grade SiC Power Device Sales Market Share by Company (2018-2023)

3.2 Global Automotive-grade SiC Power Device Annual Revenue by Company (2018-2023)

3.2.1 Global Automotive-grade SiC Power Device Revenue by Company (2018-2023)

3.2.2 Global Automotive-grade SiC Power Device Revenue Market Share by Company (2018-2023)

3.3 Global Automotive-grade SiC Power Device Sale Price by Company

3.4 Key Manufacturers Automotive-grade SiC Power Device Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Automotive-grade SiC Power Device Product Location Distribution

3.4.2 Players Automotive-grade SiC Power Device Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)

3.6 New Products and Potential Entrants

3.7 Mergers & Acquisitions, Expansion

4 WORLD HISTORIC REVIEW FOR AUTOMOTIVE-GRADE SiC POWER DEVICE BY GEOGRAPHIC REGION

4.1 World Historic Automotive-grade SiC Power Device Market Size by Geographic Region (2018-2023)

4.1.1 Global Automotive-grade SiC Power Device Annual Sales by Geographic Region (2018-2023)

4.1.2 Global Automotive-grade SiC Power Device Annual Revenue by Geographic Region (2018-2023)

4.2 World Historic Automotive-grade SiC Power Device Market Size by Country/Region

(2018-2023)

4.2.1 Global Automotive-grade SiC Power Device Annual Sales by Country/Region

(2018-2023)

4.2.2 Global Automotive-grade SiC Power Device Annual Revenue by Country/Region

(2018-2023)

4.3 Americas Automotive-grade SiC Power Device Sales Growth

4.4 APAC Automotive-grade SiC Power Device Sales Growth

4.5 Europe Automotive-grade SiC Power Device Sales Growth

4.6 Middle East & Africa Automotive-grade SiC Power Device Sales Growth

5 AMERICAS

5.1 Americas Automotive-grade SiC Power Device Sales by Country

5.1.1 Americas Automotive-grade SiC Power Device Sales by Country (2018-2023)

5.1.2 Americas Automotive-grade SiC Power Device Revenue by Country (2018-2023)

5.2 Americas Automotive-grade SiC Power Device Sales by Type

5.3 Americas Automotive-grade SiC Power Device Sales by Application

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Automotive-grade SiC Power Device Sales by Region

6.1.1 APAC Automotive-grade SiC Power Device Sales by Region (2018-2023)

6.1.2 APAC Automotive-grade SiC Power Device Revenue by Region (2018-2023)

6.2 APAC Automotive-grade SiC Power Device Sales by Type

6.3 APAC Automotive-grade SiC Power Device Sales by Application

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 China Taiwan

7 EUROPE

7.1 Europe Automotive-grade SiC Power Device by Country

7.1.1 Europe Automotive-grade SiC Power Device Sales by Country (2018-2023)

7.1.2 Europe Automotive-grade SiC Power Device Revenue by Country (2018-2023)

7.2 Europe Automotive-grade SiC Power Device Sales by Type

7.3 Europe Automotive-grade SiC Power Device Sales by Application

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Automotive-grade SiC Power Device by Country

8.1.1 Middle East & Africa Automotive-grade SiC Power Device Sales by Country (2018-2023)

8.1.2 Middle East & Africa Automotive-grade SiC Power Device Revenue by Country (2018-2023)

8.2 Middle East & Africa Automotive-grade SiC Power Device Sales by Type

8.3 Middle East & Africa Automotive-grade SiC Power Device Sales by Application

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of Automotive-grade SiC Power Device

10.3 Manufacturing Process Analysis of Automotive-grade SiC Power Device

10.4 Industry Chain Structure of Automotive-grade SiC Power Device

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Automotive-grade SiC Power Device Distributors

11.3 Automotive-grade SiC Power Device Customer

12 WORLD FORECAST REVIEW FOR AUTOMOTIVE-GRADE SiC POWER DEVICE BY GEOGRAPHIC REGION

12.1 Global Automotive-grade SiC Power Device Market Size Forecast by Region

12.1.1 Global Automotive-grade SiC Power Device Forecast by Region (2024-2029)

12.1.2 Global Automotive-grade SiC Power Device Annual Revenue Forecast by Region (2024-2029)

12.2 Americas Forecast by Country

12.3 APAC Forecast by Region

12.4 Europe Forecast by Country

12.5 Middle East & Africa Forecast by Country

12.6 Global Automotive-grade SiC Power Device Forecast by Type

12.7 Global Automotive-grade SiC Power Device Forecast by Application

13 KEY PLAYERS ANALYSIS

13.1 STMicroelectronics

13.1.1 STMicroelectronics Company Information

13.1.2 STMicroelectronics Automotive-grade SiC Power Device Product Portfolios and Specifications

13.1.3 STMicroelectronics Automotive-grade SiC Power Device Sales, Revenue, Price and Gross Margin (2018-2023)

13.1.4 STMicroelectronics Main Business Overview

13.1.5 STMicroelectronics Latest Developments

13.2 ROHM CO., LTD.

13.2.1 ROHM CO., LTD. Company Information

13.2.2 ROHM CO., LTD. Automotive-grade SiC Power Device Product Portfolios and Specifications

13.2.3 ROHM CO., LTD. Automotive-grade SiC Power Device Sales, Revenue, Price and Gross Margin (2018-2023)

13.2.4 ROHM CO., LTD. Main Business Overview

- 13.2.5 ROHM CO., LTD. Latest Developments
- 13.3 Starpower
 - 13.3.1 Starpower Company Information
 - 13.3.2 Starpower Automotive-grade SiC Power Device Product Portfolios and Specifications
 - 13.3.3 Starpower Automotive-grade SiC Power Device Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.3.4 Starpower Main Business Overview
 - 13.3.5 Starpower Latest Developments
- 13.4 Wolfspeed
 - 13.4.1 Wolfspeed Company Information
 - 13.4.2 Wolfspeed Automotive-grade SiC Power Device Product Portfolios and Specifications
 - 13.4.3 Wolfspeed Automotive-grade SiC Power Device Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.4.4 Wolfspeed Main Business Overview
 - 13.4.5 Wolfspeed Latest Developments
- 13.5 Infineon Technologies
 - 13.5.1 Infineon Technologies Company Information
 - 13.5.2 Infineon Technologies Automotive-grade SiC Power Device Product Portfolios and Specifications
 - 13.5.3 Infineon Technologies Automotive-grade SiC Power Device Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.5.4 Infineon Technologies Main Business Overview
 - 13.5.5 Infineon Technologies Latest Developments
- 13.6 ON Semiconductor
 - 13.6.1 ON Semiconductor Company Information
 - 13.6.2 ON Semiconductor Automotive-grade SiC Power Device Product Portfolios and Specifications
 - 13.6.3 ON Semiconductor Automotive-grade SiC Power Device Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.6.4 ON Semiconductor Main Business Overview
 - 13.6.5 ON Semiconductor Latest Developments
- 13.7 Littelfuse
 - 13.7.1 Littelfuse Company Information
 - 13.7.2 Littelfuse Automotive-grade SiC Power Device Product Portfolios and Specifications
 - 13.7.3 Littelfuse Automotive-grade SiC Power Device Sales, Revenue, Price and Gross Margin (2018-2023)

- 13.7.4 Littelfuse Main Business Overview
- 13.7.5 Littelfuse Latest Developments
- 13.8 Microchip
 - 13.8.1 Microchip Company Information
 - 13.8.2 Microchip Automotive-grade SiC Power Device Product Portfolios and Specifications
 - 13.8.3 Microchip Automotive-grade SiC Power Device Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.8.4 Microchip Main Business Overview
 - 13.8.5 Microchip Latest Developments
- 13.9 Mitsubishi Electric
 - 13.9.1 Mitsubishi Electric Company Information
 - 13.9.2 Mitsubishi Electric Automotive-grade SiC Power Device Product Portfolios and Specifications
 - 13.9.3 Mitsubishi Electric Automotive-grade SiC Power Device Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.9.4 Mitsubishi Electric Main Business Overview
 - 13.9.5 Mitsubishi Electric Latest Developments
- 13.10 GeneSiC Semiconductor Inc.
 - 13.10.1 GeneSiC Semiconductor Inc. Company Information
 - 13.10.2 GeneSiC Semiconductor Inc. Automotive-grade SiC Power Device Product Portfolios and Specifications
 - 13.10.3 GeneSiC Semiconductor Inc. Automotive-grade SiC Power Device Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.10.4 GeneSiC Semiconductor Inc. Main Business Overview
 - 13.10.5 GeneSiC Semiconductor Inc. Latest Developments
- 13.11 Shenzhen BASiC Semiconductor LTD
 - 13.11.1 Shenzhen BASiC Semiconductor LTD Company Information
 - 13.11.2 Shenzhen BASiC Semiconductor LTD Automotive-grade SiC Power Device Product Portfolios and Specifications
 - 13.11.3 Shenzhen BASiC Semiconductor LTD Automotive-grade SiC Power Device Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.11.4 Shenzhen BASiC Semiconductor LTD Main Business Overview
 - 13.11.5 Shenzhen BASiC Semiconductor LTD Latest Developments
- 13.12 Imperix
 - 13.12.1 Imperix Company Information
 - 13.12.2 Imperix Automotive-grade SiC Power Device Product Portfolios and Specifications
 - 13.12.3 Imperix Automotive-grade SiC Power Device Sales, Revenue, Price and

Gross Margin (2018-2023)

13.12.4 Imperix Main Business Overview

13.12.5 Imperix Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Automotive-grade SiC Power Device Annual Sales CAGR by Geographic Region (2018, 2022 & 2029) & (\$ millions)

Table 2. Automotive-grade SiC Power Device Annual Sales CAGR by Country/Region (2018, 2022 & 2029) & (\$ millions)

Table 3. Major Players of MOSFET

Table 4. Major Players of SBD

Table 5. Major Players of Diodes

Table 6. Global Automotive-grade SiC Power Device Sales by Type (2018-2023) & (K Units)

Table 7. Global Automotive-grade SiC Power Device Sales Market Share by Type (2018-2023)

Table 8. Global Automotive-grade SiC Power Device Revenue by Type (2018-2023) & (\$ million)

Table 9. Global Automotive-grade SiC Power Device Revenue Market Share by Type (2018-2023)

Table 10. Global Automotive-grade SiC Power Device Sale Price by Type (2018-2023) & (US\$/Unit)

Table 11. Global Automotive-grade SiC Power Device Sales by Application (2018-2023) & (K Units)

Table 12. Global Automotive-grade SiC Power Device Sales Market Share by Application (2018-2023)

Table 13. Global Automotive-grade SiC Power Device Revenue by Application (2018-2023)

Table 14. Global Automotive-grade SiC Power Device Revenue Market Share by Application (2018-2023)

Table 15. Global Automotive-grade SiC Power Device Sale Price by Application (2018-2023) & (US\$/Unit)

Table 16. Global Automotive-grade SiC Power Device Sales by Company (2018-2023) & (K Units)

Table 17. Global Automotive-grade SiC Power Device Sales Market Share by Company (2018-2023)

Table 18. Global Automotive-grade SiC Power Device Revenue by Company (2018-2023) (\$ Millions)

Table 19. Global Automotive-grade SiC Power Device Revenue Market Share by Company (2018-2023)

Table 20. Global Automotive-grade SiC Power Device Sale Price by Company (2018-2023) & (US\$/Unit)
Table 21. Key Manufacturers Automotive-grade SiC Power Device Producing Area Distribution and Sales Area
Table 22. Players Automotive-grade SiC Power Device Products Offered
Table 23. Automotive-grade SiC Power Device Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)
Table 24. New Products and Potential Entrants
Table 25. Mergers & Acquisitions, Expansion
Table 26. Global Automotive-grade SiC Power Device Sales by Geographic Region (2018-2023) & (K Units)
Table 27. Global Automotive-grade SiC Power Device Sales Market Share Geographic Region (2018-2023)
Table 28. Global Automotive-grade SiC Power Device Revenue by Geographic Region (2018-2023) & (\$ millions)
Table 29. Global Automotive-grade SiC Power Device Revenue Market Share by Geographic Region (2018-2023)
Table 30. Global Automotive-grade SiC Power Device Sales by Country/Region (2018-2023) & (K Units)
Table 31. Global Automotive-grade SiC Power Device Sales Market Share by Country/Region (2018-2023)
Table 32. Global Automotive-grade SiC Power Device Revenue by Country/Region (2018-2023) & (\$ millions)
Table 33. Global Automotive-grade SiC Power Device Revenue Market Share by Country/Region (2018-2023)
Table 34. Americas Automotive-grade SiC Power Device Sales by Country (2018-2023) & (K Units)
Table 35. Americas Automotive-grade SiC Power Device Sales Market Share by Country (2018-2023)
Table 36. Americas Automotive-grade SiC Power Device Revenue by Country (2018-2023) & (\$ Millions)
Table 37. Americas Automotive-grade SiC Power Device Revenue Market Share by Country (2018-2023)
Table 38. Americas Automotive-grade SiC Power Device Sales by Type (2018-2023) & (K Units)
Table 39. Americas Automotive-grade SiC Power Device Sales by Application (2018-2023) & (K Units)
Table 40. APAC Automotive-grade SiC Power Device Sales by Region (2018-2023) & (K Units)

Table 41. APAC Automotive-grade SiC Power Device Sales Market Share by Region (2018-2023)

Table 42. APAC Automotive-grade SiC Power Device Revenue by Region (2018-2023) & (\$ Millions)

Table 43. APAC Automotive-grade SiC Power Device Revenue Market Share by Region (2018-2023)

Table 44. APAC Automotive-grade SiC Power Device Sales by Type (2018-2023) & (K Units)

Table 45. APAC Automotive-grade SiC Power Device Sales by Application (2018-2023) & (K Units)

Table 46. Europe Automotive-grade SiC Power Device Sales by Country (2018-2023) & (K Units)

Table 47. Europe Automotive-grade SiC Power Device Sales Market Share by Country (2018-2023)

Table 48. Europe Automotive-grade SiC Power Device Revenue by Country (2018-2023) & (\$ Millions)

Table 49. Europe Automotive-grade SiC Power Device Revenue Market Share by Country (2018-2023)

Table 50. Europe Automotive-grade SiC Power Device Sales by Type (2018-2023) & (K Units)

Table 51. Europe Automotive-grade SiC Power Device Sales by Application (2018-2023) & (K Units)

Table 52. Middle East & Africa Automotive-grade SiC Power Device Sales by Country (2018-2023) & (K Units)

Table 53. Middle East & Africa Automotive-grade SiC Power Device Sales Market Share by Country (2018-2023)

Table 54. Middle East & Africa Automotive-grade SiC Power Device Revenue by Country (2018-2023) & (\$ Millions)

Table 55. Middle East & Africa Automotive-grade SiC Power Device Revenue Market Share by Country (2018-2023)

Table 56. Middle East & Africa Automotive-grade SiC Power Device Sales by Type (2018-2023) & (K Units)

Table 57. Middle East & Africa Automotive-grade SiC Power Device Sales by Application (2018-2023) & (K Units)

Table 58. Key Market Drivers & Growth Opportunities of Automotive-grade SiC Power Device

Table 59. Key Market Challenges & Risks of Automotive-grade SiC Power Device

Table 60. Key Industry Trends of Automotive-grade SiC Power Device

Table 61. Automotive-grade SiC Power Device Raw Material

Table 62. Key Suppliers of Raw Materials
Table 63. Automotive-grade SiC Power Device Distributors List
Table 64. Automotive-grade SiC Power Device Customer List
Table 65. Global Automotive-grade SiC Power Device Sales Forecast by Region (2024-2029) & (K Units)
Table 66. Global Automotive-grade SiC Power Device Revenue Forecast by Region (2024-2029) & (\$ millions)
Table 67. Americas Automotive-grade SiC Power Device Sales Forecast by Country (2024-2029) & (K Units)
Table 68. Americas Automotive-grade SiC Power Device Revenue Forecast by Country (2024-2029) & (\$ millions)
Table 69. APAC Automotive-grade SiC Power Device Sales Forecast by Region (2024-2029) & (K Units)
Table 70. APAC Automotive-grade SiC Power Device Revenue Forecast by Region (2024-2029) & (\$ millions)
Table 71. Europe Automotive-grade SiC Power Device Sales Forecast by Country (2024-2029) & (K Units)
Table 72. Europe Automotive-grade SiC Power Device Revenue Forecast by Country (2024-2029) & (\$ millions)
Table 73. Middle East & Africa Automotive-grade SiC Power Device Sales Forecast by Country (2024-2029) & (K Units)
Table 74. Middle East & Africa Automotive-grade SiC Power Device Revenue Forecast by Country (2024-2029) & (\$ millions)
Table 75. Global Automotive-grade SiC Power Device Sales Forecast by Type (2024-2029) & (K Units)
Table 76. Global Automotive-grade SiC Power Device Revenue Forecast by Type (2024-2029) & (\$ Millions)
Table 77. Global Automotive-grade SiC Power Device Sales Forecast by Application (2024-2029) & (K Units)
Table 78. Global Automotive-grade SiC Power Device Revenue Forecast by Application (2024-2029) & (\$ Millions)
Table 79. STMicroelectronics Basic Information, Automotive-grade SiC Power Device Manufacturing Base, Sales Area and Its Competitors
Table 80. STMicroelectronics Automotive-grade SiC Power Device Product Portfolios and Specifications
Table 81. STMicroelectronics Automotive-grade SiC Power Device Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)
Table 82. STMicroelectronics Main Business
Table 83. STMicroelectronics Latest Developments

Table 84. ROHM CO.,LTD. Basic Information, Automotive-grade SiC Power Device Manufacturing Base, Sales Area and Its Competitors

Table 85. ROHM CO.,LTD. Automotive-grade SiC Power Device Product Portfolios and Specifications

Table 86. ROHM CO.,LTD. Automotive-grade SiC Power Device Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 87. ROHM CO.,LTD. Main Business

Table 88. ROHM CO.,LTD. Latest Developments

Table 89. Starpower Basic Information, Automotive-grade SiC Power Device Manufacturing Base, Sales Area and Its Competitors

Table 90. Starpower Automotive-grade SiC Power Device Product Portfolios and Specifications

Table 91. Starpower Automotive-grade SiC Power Device Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 92. Starpower Main Business

Table 93. Starpower Latest Developments

Table 94. Wolfspeed Basic Information, Automotive-grade SiC Power Device Manufacturing Base, Sales Area and Its Competitors

Table 95. Wolfspeed Automotive-grade SiC Power Device Product Portfolios and Specifications

Table 96. Wolfspeed Automotive-grade SiC Power Device Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 97. Wolfspeed Main Business

Table 98. Wolfspeed Latest Developments

Table 99. Infineon Technologies Basic Information, Automotive-grade SiC Power Device Manufacturing Base, Sales Area and Its Competitors

Table 100. Infineon Technologies Automotive-grade SiC Power Device Product Portfolios and Specifications

Table 101. Infineon Technologies Automotive-grade SiC Power Device Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 102. Infineon Technologies Main Business

Table 103. Infineon Technologies Latest Developments

Table 104. ON Semiconductor Basic Information, Automotive-grade SiC Power Device Manufacturing Base, Sales Area and Its Competitors

Table 105. ON Semiconductor Automotive-grade SiC Power Device Product Portfolios and Specifications

Table 106. ON Semiconductor Automotive-grade SiC Power Device Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 107. ON Semiconductor Main Business

Table 108. ON Semiconductor Latest Developments

Table 109. Littelfuse Basic Information, Automotive-grade SiC Power Device Manufacturing Base, Sales Area and Its Competitors

Table 110. Littelfuse Automotive-grade SiC Power Device Product Portfolios and Specifications

Table 111. Littelfuse Automotive-grade SiC Power Device Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 112. Littelfuse Main Business

Table 113. Littelfuse Latest Developments

Table 114. Microchip Basic Information, Automotive-grade SiC Power Device Manufacturing Base, Sales Area and Its Competitors

Table 115. Microchip Automotive-grade SiC Power Device Product Portfolios and Specifications

Table 116. Microchip Automotive-grade SiC Power Device Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 117. Microchip Main Business

Table 118. Microchip Latest Developments

Table 119. Mitsubishi Electric Basic Information, Automotive-grade SiC Power Device Manufacturing Base, Sales Area and Its Competitors

Table 120. Mitsubishi Electric Automotive-grade SiC Power Device Product Portfolios and Specifications

Table 121. Mitsubishi Electric Automotive-grade SiC Power Device Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 122. Mitsubishi Electric Main Business

Table 123. Mitsubishi Electric Latest Developments

Table 124. GeneSiC Semiconductor Inc. Basic Information, Automotive-grade SiC Power Device Manufacturing Base, Sales Area and Its Competitors

Table 125. GeneSiC Semiconductor Inc. Automotive-grade SiC Power Device Product Portfolios and Specifications

Table 126. GeneSiC Semiconductor Inc. Automotive-grade SiC Power Device Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 127. GeneSiC Semiconductor Inc. Main Business

Table 128. GeneSiC Semiconductor Inc. Latest Developments

Table 129. Shenzhen BASiC Semiconductor LTD Basic Information, Automotive-grade SiC Power Device Manufacturing Base, Sales Area and Its Competitors

Table 130. Shenzhen BASiC Semiconductor LTD Automotive-grade SiC Power Device Product Portfolios and Specifications

Table 131. Shenzhen BASiC Semiconductor LTD Automotive-grade SiC Power Device Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 132. Shenzhen BASiC Semiconductor LTD Main Business

Table 133. Shenzhen BASiC Semiconductor LTD Latest Developments

Table 134. Imperix Basic Information, Automotive-grade SiC Power Device
Manufacturing Base, Sales Area and Its Competitors

Table 135. Imperix Automotive-grade SiC Power Device Product Portfolios and
Specifications

Table 136. Imperix Automotive-grade SiC Power Device Sales (K Units), Revenue (\$
Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 137. Imperix Main Business

Table 138. Imperix Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Automotive-grade SiC Power Device
- Figure 2. Automotive-grade SiC Power Device Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Automotive-grade SiC Power Device Sales Growth Rate 2018-2029 (K Units)
- Figure 7. Global Automotive-grade SiC Power Device Revenue Growth Rate 2018-2029 (\$ Millions)
- Figure 8. Automotive-grade SiC Power Device Sales by Region (2018, 2022 & 2029) & (\$ Millions)
- Figure 9. Product Picture of MOSFET
- Figure 10. Product Picture of SBD
- Figure 11. Product Picture of Diodes
- Figure 12. Global Automotive-grade SiC Power Device Sales Market Share by Type in 2022
- Figure 13. Global Automotive-grade SiC Power Device Revenue Market Share by Type (2018-2023)
- Figure 14. Automotive-grade SiC Power Device Consumed in DC/DC Converter
- Figure 15. Global Automotive-grade SiC Power Device Market: DC/DC Converter (2018-2023) & (K Units)
- Figure 16. Automotive-grade SiC Power Device Consumed in On Board Charger
- Figure 17. Global Automotive-grade SiC Power Device Market: On Board Charger (2018-2023) & (K Units)
- Figure 18. Automotive-grade SiC Power Device Consumed in Inverter
- Figure 19. Global Automotive-grade SiC Power Device Market: Inverter (2018-2023) & (K Units)
- Figure 20. Automotive-grade SiC Power Device Consumed in Other Applications
- Figure 21. Global Automotive-grade SiC Power Device Market: Other Applications (2018-2023) & (K Units)
- Figure 22. Global Automotive-grade SiC Power Device Sales Market Share by Application (2022)
- Figure 23. Global Automotive-grade SiC Power Device Revenue Market Share by Application in 2022
- Figure 24. Automotive-grade SiC Power Device Sales Market by Company in 2022 (K

Units)

Figure 25. Global Automotive-grade SiC Power Device Sales Market Share by Company in 2022

Figure 26. Automotive-grade SiC Power Device Revenue Market by Company in 2022 (\$ Million)

Figure 27. Global Automotive-grade SiC Power Device Revenue Market Share by Company in 2022

Figure 28. Global Automotive-grade SiC Power Device Sales Market Share by Geographic Region (2018-2023)

Figure 29. Global Automotive-grade SiC Power Device Revenue Market Share by Geographic Region in 2022

Figure 30. Americas Automotive-grade SiC Power Device Sales 2018-2023 (K Units)

Figure 31. Americas Automotive-grade SiC Power Device Revenue 2018-2023 (\$ Millions)

Figure 32. APAC Automotive-grade SiC Power Device Sales 2018-2023 (K Units)

Figure 33. APAC Automotive-grade SiC Power Device Revenue 2018-2023 (\$ Millions)

Figure 34. Europe Automotive-grade SiC Power Device Sales 2018-2023 (K Units)

Figure 35. Europe Automotive-grade SiC Power Device Revenue 2018-2023 (\$ Millions)

Figure 36. Middle East & Africa Automotive-grade SiC Power Device Sales 2018-2023 (K Units)

Figure 37. Middle East & Africa Automotive-grade SiC Power Device Revenue 2018-2023 (\$ Millions)

Figure 38. Americas Automotive-grade SiC Power Device Sales Market Share by Country in 2022

Figure 39. Americas Automotive-grade SiC Power Device Revenue Market Share by Country in 2022

Figure 40. Americas Automotive-grade SiC Power Device Sales Market Share by Type (2018-2023)

Figure 41. Americas Automotive-grade SiC Power Device Sales Market Share by Application (2018-2023)

Figure 42. United States Automotive-grade SiC Power Device Revenue Growth 2018-2023 (\$ Millions)

Figure 43. Canada Automotive-grade SiC Power Device Revenue Growth 2018-2023 (\$ Millions)

Figure 44. Mexico Automotive-grade SiC Power Device Revenue Growth 2018-2023 (\$ Millions)

Figure 45. Brazil Automotive-grade SiC Power Device Revenue Growth 2018-2023 (\$ Millions)

Figure 46. APAC Automotive-grade SiC Power Device Sales Market Share by Region in

2022

Figure 47. APAC Automotive-grade SiC Power Device Revenue Market Share by Regions in 2022

Figure 48. APAC Automotive-grade SiC Power Device Sales Market Share by Type (2018-2023)

Figure 49. APAC Automotive-grade SiC Power Device Sales Market Share by Application (2018-2023)

Figure 50. China Automotive-grade SiC Power Device Revenue Growth 2018-2023 (\$ Millions)

Figure 51. Japan Automotive-grade SiC Power Device Revenue Growth 2018-2023 (\$ Millions)

Figure 52. South Korea Automotive-grade SiC Power Device Revenue Growth 2018-2023 (\$ Millions)

Figure 53. Southeast Asia Automotive-grade SiC Power Device Revenue Growth 2018-2023 (\$ Millions)

Figure 54. India Automotive-grade SiC Power Device Revenue Growth 2018-2023 (\$ Millions)

Figure 55. Australia Automotive-grade SiC Power Device Revenue Growth 2018-2023 (\$ Millions)

Figure 56. China Taiwan Automotive-grade SiC Power Device Revenue Growth 2018-2023 (\$ Millions)

Figure 57. Europe Automotive-grade SiC Power Device Sales Market Share by Country in 2022

Figure 58. Europe Automotive-grade SiC Power Device Revenue Market Share by Country in 2022

Figure 59. Europe Automotive-grade SiC Power Device Sales Market Share by Type (2018-2023)

Figure 60. Europe Automotive-grade SiC Power Device Sales Market Share by Application (2018-2023)

Figure 61. Germany Automotive-grade SiC Power Device Revenue Growth 2018-2023 (\$ Millions)

Figure 62. France Automotive-grade SiC Power Device Revenue Growth 2018-2023 (\$ Millions)

Figure 63. UK Automotive-grade SiC Power Device Revenue Growth 2018-2023 (\$ Millions)

Figure 64. Italy Automotive-grade SiC Power Device Revenue Growth 2018-2023 (\$ Millions)

Figure 65. Russia Automotive-grade SiC Power Device Revenue Growth 2018-2023 (\$ Millions)

Figure 66. Middle East & Africa Automotive-grade SiC Power Device Sales Market Share by Country in 2022

Figure 67. Middle East & Africa Automotive-grade SiC Power Device Revenue Market Share by Country in 2022

Figure 68. Middle East & Africa Automotive-grade SiC Power Device Sales Market Share by Type (2018-2023)

Figure 69. Middle East & Africa Automotive-grade SiC Power Device Sales Market Share by Application (2018-2023)

Figure 70. Egypt Automotive-grade SiC Power Device Revenue Growth 2018-2023 (\$ Millions)

Figure 71. South Africa Automotive-grade SiC Power Device Revenue Growth 2018-2023 (\$ Millions)

Figure 72. Israel Automotive-grade SiC Power Device Revenue Growth 2018-2023 (\$ Millions)

Figure 73. Turkey Automotive-grade SiC Power Device Revenue Growth 2018-2023 (\$ Millions)

Figure 74. GCC Country Automotive-grade SiC Power Device Revenue Growth 2018-2023 (\$ Millions)

Figure 75. Manufacturing Cost Structure Analysis of Automotive-grade SiC Power Device in 2022

Figure 76. Manufacturing Process Analysis of Automotive-grade SiC Power Device

Figure 77. Industry Chain Structure of Automotive-grade SiC Power Device

Figure 78. Channels of Distribution

Figure 79. Global Automotive-grade SiC Power Device Sales Market Forecast by Region (2024-2029)

Figure 80. Global Automotive-grade SiC Power Device Revenue Market Share Forecast by Region (2024-2029)

Figure 81. Global Automotive-grade SiC Power Device Sales Market Share Forecast by Type (2024-2029)

Figure 82. Global Automotive-grade SiC Power Device Revenue Market Share Forecast by Type (2024-2029)

Figure 83. Global Automotive-grade SiC Power Device Sales Market Share Forecast by Application (2024-2029)

Figure 84. Global Automotive-grade SiC Power Device Revenue Market Share Forecast by Application (2024-2029)

I would like to order

Product name: Global Automotive-grade SiC Power Device Market Growth 2023-2029

Product link: <https://marketpublishers.com/r/GD95332F985FEN.html>

Price: US\$ 3,660.00 (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/GD95332F985FEN.html>