

Global Automotive SiC Gate Drivers Market Growth 2026-2032

<https://marketpublishers.com/r/G1FDCAA3FA86EN.html>

Date: October 2026

Pages: 108

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

ID: G1FDCAA3FA86EN

Abstracts

The global Automotive SiC Gate Drivers market size is predicted to grow from US\$ 607 million in 2025 to US\$ 2518 million in 2032; it is expected to grow at a CAGR of 22.7% from 2026 to 2032.

In 2025, global Automotive SiC Gate Drivers production reached approximately 100.00 million units, with an average global market price of around USD 6.2 per unit.

The gross profit margin of major companies in the industry is between 34.56%–61.28%.

In 2025, the global production capacity of Automotive SiC Gate Drivers was approximately 131.58 million units.

Automotive SiC Gate Drivers are semiconductor driver devices used to control silicon carbide MOSFETs in electric vehicle inverters, onboard chargers and high-voltage power electronics. They provide fast switching control, isolation, protection, fault detection and gate voltage management for 400V and 800V vehicle platforms. The product improves SiC module efficiency, reliability and safety under high-frequency and high-temperature operation. The market includes automotive-grade isolated and non-isolated SiC gate driver ICs or driver modules, but excludes complete inverters, SiC power modules and general industrial gate drivers not qualified for vehicles.

The industry chain includes semiconductor wafers, analog and mixed-signal IC processes, isolation materials, packaging substrates, leadframes, bonding wires, molding compounds, testing equipment and automotive qualification services. Midstream production covers IC design, wafer fabrication, packaging, electrical testing, protection function validation, thermal cycling, reliability qualification and shipment

testing. Downstream demand comes from EV traction inverters, onboard chargers, DC-DC converters, electric compressors and high-voltage power systems. Growth is driven by 800V platforms, SiC adoption, fast charging, inverter efficiency and automotive electrification.

United States market for Automotive SiC Gate Drivers is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for Automotive SiC Gate Drivers is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for Automotive SiC Gate Drivers is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key Automotive SiC Gate Drivers players cover Infineon Technologies AG, Texas Instruments Incorporated, STMicroelectronics N.V., NXP Semiconductors N.V., onsemi, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

LP Information, Inc. (LPI) ' newest research report, the "Automotive SiC Gate Drivers Industry Forecast" looks at past sales and reviews total world Automotive SiC Gate Drivers sales in 2025, providing a comprehensive analysis by region and market sector of projected Automotive SiC Gate Drivers sales for 2026 through 2032. With Automotive SiC Gate Drivers sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Automotive SiC Gate Drivers industry.

This Insight Report provides a comprehensive analysis of the global Automotive SiC Gate Drivers 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 SiC Gate Drivers portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Automotive SiC Gate Drivers market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Automotive SiC Gate Drivers 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 SiC Gate Drivers.

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

Segmentation by Type:

Single-Channel SiC Gate Drivers

Dual-Channel SiC Gate Drivers

Multi-Channel SiC Gate Drivers

Segmentation by Isolation Type:

Isolated SiC Gate Drivers

Non-Isolated SiC Gate Drivers

Integrated Isolation SiC Gate Drivers

Segmentation by Peak Output Current:

Low Current??5 A?

Medium Current?5.1–10 A?

High Current??10 A?

Segmentation by Application:

Traction Inverters

On-Board Chargers

DC-DC Converters

Other

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 analysing the company's coverage, product portfolio, its market penetration.

Infineon Technologies AG

Texas Instruments Incorporated

STMicroelectronics N.V.

NXP Semiconductors N.V.

onsemi

Analog Devices, Inc.

Renesas Electronics Corporation

ROHM Co., Ltd.

Broadcom Inc.

NOVOSENSE Microelectronics Co., Ltd.

Chipanalog Microelectronics Co., Ltd.

Inventchip Technology Co., Ltd.

Key Questions Addressed in this Report

What is the 10-year outlook for the global Automotive SiC Gate Drivers market?

What factors are driving Automotive SiC Gate Drivers market growth, globally and by region?

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

How do Automotive SiC Gate Drivers market opportunities vary by end market size?

How does Automotive SiC Gate Drivers break out by Type, by Application?

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 SiC Gate Drivers Annual Sales 2021-2032
- 2.1.2 World Current & Future Analysis for Automotive SiC Gate Drivers by Geographic Region, 2021, 2025 & 2032
- 2.1.3 World Current & Future Analysis for Automotive SiC Gate Drivers by Country/Region, 2021, 2025 & 2032

2.2 Automotive SiC Gate Drivers Segment by Type

- 2.2.1 Single-Channel SiC Gate Drivers
 - 2.2.2 Dual-Channel SiC Gate Drivers
 - 2.2.3 Multi-Channel SiC Gate Drivers
 - 2.2.4 Automotive SiC Gate Drivers Sales by Type
 - 2.2.4.1 Global Automotive SiC Gate Drivers Sales Market Share by Type (2021-2026)
 - 2.2.4.2 Global Automotive SiC Gate Drivers Revenue and Market Share by Type (2021-2026)
 - 2.2.4.3 Global Automotive SiC Gate Drivers Sale Price by Type (2021-2026)
- #### 2.3 Automotive SiC Gate Drivers Segment by Isolation Type
- 2.3.1 Isolated SiC Gate Drivers
 - 2.3.2 Non-Isolated SiC Gate Drivers
 - 2.3.3 Integrated Isolation SiC Gate Drivers
 - 2.3.4 Automotive SiC Gate Drivers Sales by Isolation Type
 - 2.3.4.1 Global Automotive SiC Gate Drivers Sales Market Share by Isolation Type (2021-2026)
 - 2.3.4.2 Global Automotive SiC Gate Drivers Revenue and Market Share by Isolation

Type (2021-2026)

2.3.4.3 Global Automotive SiC Gate Drivers Sale Price by Isolation Type (2021-2026)

2.4 Automotive SiC Gate Drivers Segment by Peak Output Current

2.4.1 Low Current??5 A?

2.4.2 Medium Current?5.1–10 A?

2.4.3 High Current??10 A?

2.4.4 Automotive SiC Gate Drivers Sales by Peak Output Current

2.4.4.1 Global Automotive SiC Gate Drivers Sales Market Share by Peak Output Current (2021-2026)

2.4.4.2 Global Automotive SiC Gate Drivers Revenue and Market Share by Peak Output Current (2021-2026)

2.4.4.3 Global Automotive SiC Gate Drivers Sale Price by Peak Output Current (2021-2026)

2.5 Automotive SiC Gate Drivers Segment by Application

2.5.1 Traction Inverters

2.5.2 On-Board Chargers

2.5.3 DC-DC Converters

2.5.4 Other

2.5.5 Automotive SiC Gate Drivers Sales by Application

2.5.5.1 Global Automotive SiC Gate Drivers Sale Market Share by Application (2021-2026)

2.5.5.2 Global Automotive SiC Gate Drivers Revenue and Market Share by Application (2021-2026)

2.5.5.3 Global Automotive SiC Gate Drivers Sale Price by Application (2021-2026)

3 GLOBAL BY COMPANY

3.1 Global Automotive SiC Gate Drivers Breakdown Data by Company

3.1.1 Global Automotive SiC Gate Drivers Annual Sales by Company (2021-2026)

3.1.2 Global Automotive SiC Gate Drivers Sales Market Share by Company (2021-2026)

3.2 Global Automotive SiC Gate Drivers Annual Revenue by Company (2021-2026)

3.2.1 Global Automotive SiC Gate Drivers Revenue by Company (2021-2026)

3.2.2 Global Automotive SiC Gate Drivers Revenue Market Share by Company (2021-2026)

3.3 Global Automotive SiC Gate Drivers Sale Price by Company

3.4 Key Manufacturers Automotive SiC Gate Drivers Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Automotive SiC Gate Drivers Product Location Distribution

- 3.4.2 Players Automotive SiC Gate Drivers Products Offered
- 3.5 Market Concentration Rate Analysis
 - 3.5.1 Competition Landscape Analysis
 - 3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)
- 3.6 New Products and Potential Entrants
- 3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR AUTOMOTIVE SiC GATE DRIVERS BY GEOGRAPHIC REGION

- 4.1 World Historic Automotive SiC Gate Drivers Market Size by Geographic Region (2021-2026)
 - 4.1.1 Global Automotive SiC Gate Drivers Annual Sales by Geographic Region (2021-2026)
 - 4.1.2 Global Automotive SiC Gate Drivers Annual Revenue by Geographic Region (2021-2026)
- 4.2 World Historic Automotive SiC Gate Drivers Market Size by Country/Region (2021-2026)
 - 4.2.1 Global Automotive SiC Gate Drivers Annual Sales by Country/Region (2021-2026)
 - 4.2.2 Global Automotive SiC Gate Drivers Annual Revenue by Country/Region (2021-2026)
- 4.3 Americas Automotive SiC Gate Drivers Sales Growth
- 4.4 APAC Automotive SiC Gate Drivers Sales Growth
- 4.5 Europe Automotive SiC Gate Drivers Sales Growth
- 4.6 Middle East & Africa Automotive SiC Gate Drivers Sales Growth

5 AMERICAS

- 5.1 Americas Automotive SiC Gate Drivers Sales by Country
 - 5.1.1 Americas Automotive SiC Gate Drivers Sales by Country (2021-2026)
 - 5.1.2 Americas Automotive SiC Gate Drivers Revenue by Country (2021-2026)
- 5.2 Americas Automotive SiC Gate Drivers Sales by Type (2021-2026)
- 5.3 Americas Automotive SiC Gate Drivers Sales by Application (2021-2026)
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

6 APAC

6.1 APAC Automotive SiC Gate Drivers Sales by Region

6.1.1 APAC Automotive SiC Gate Drivers Sales by Region (2021-2026)

6.1.2 APAC Automotive SiC Gate Drivers Revenue by Region (2021-2026)

6.2 APAC Automotive SiC Gate Drivers Sales by Type (2021-2026)

6.3 APAC Automotive SiC Gate Drivers Sales by Application (2021-2026)

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 SiC Gate Drivers by Country

7.1.1 Europe Automotive SiC Gate Drivers Sales by Country (2021-2026)

7.1.2 Europe Automotive SiC Gate Drivers Revenue by Country (2021-2026)

7.2 Europe Automotive SiC Gate Drivers Sales by Type (2021-2026)

7.3 Europe Automotive SiC Gate Drivers Sales by Application (2021-2026)

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 SiC Gate Drivers by Country

8.1.1 Middle East & Africa Automotive SiC Gate Drivers Sales by Country (2021-2026)

8.1.2 Middle East & Africa Automotive SiC Gate Drivers Revenue by Country (2021-2026)

8.2 Middle East & Africa Automotive SiC Gate Drivers Sales by Type (2021-2026)

8.3 Middle East & Africa Automotive SiC Gate Drivers Sales by Application (2021-2026)

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 SiC Gate Drivers

10.3 Manufacturing Process Analysis of Automotive SiC Gate Drivers

10.4 Industry Chain Structure of Automotive SiC Gate Drivers

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Automotive SiC Gate Drivers Distributors

11.3 Automotive SiC Gate Drivers Customer

12 WORLD FORECAST REVIEW FOR AUTOMOTIVE SiC GATE DRIVERS BY GEOGRAPHIC REGION

12.1 Global Automotive SiC Gate Drivers Market Size Forecast by Region

12.1.1 Global Automotive SiC Gate Drivers Forecast by Region (2027-2032)

12.1.2 Global Automotive SiC Gate Drivers Annual Revenue Forecast by Region (2027-2032)

12.2 Americas Forecast by Country (2027-2032)

12.3 APAC Forecast by Region (2027-2032)

12.4 Europe Forecast by Country (2027-2032)

12.5 Middle East & Africa Forecast by Country (2027-2032)

12.6 Global Automotive SiC Gate Drivers Forecast by Type (2027-2032)

12.7 Global Automotive SiC Gate Drivers Forecast by Application (2027-2032)

13 KEY PLAYERS ANALYSIS

13.1 Infineon Technologies AG

13.1.1 Infineon Technologies AG Company Information

13.1.2 Infineon Technologies AG Automotive SiC Gate Drivers Product Portfolios and Specifications

13.1.3 Infineon Technologies AG Automotive SiC Gate Drivers Sales, Revenue, Price and Gross Margin (2021-2026)

13.1.4 Infineon Technologies AG Main Business Overview

13.1.5 Infineon Technologies AG Latest Developments

13.2 Texas Instruments Incorporated

13.2.1 Texas Instruments Incorporated Company Information

13.2.2 Texas Instruments Incorporated Automotive SiC Gate Drivers Product Portfolios and Specifications

13.2.3 Texas Instruments Incorporated Automotive SiC Gate Drivers Sales, Revenue, Price and Gross Margin (2021-2026)

13.2.4 Texas Instruments Incorporated Main Business Overview

13.2.5 Texas Instruments Incorporated Latest Developments

13.3 STMicroelectronics N.V.

13.3.1 STMicroelectronics N.V. Company Information

13.3.2 STMicroelectronics N.V. Automotive SiC Gate Drivers Product Portfolios and Specifications

13.3.3 STMicroelectronics N.V. Automotive SiC Gate Drivers Sales, Revenue, Price and Gross Margin (2021-2026)

13.3.4 STMicroelectronics N.V. Main Business Overview

13.3.5 STMicroelectronics N.V. Latest Developments

13.4 NXP Semiconductors N.V.

13.4.1 NXP Semiconductors N.V. Company Information

13.4.2 NXP Semiconductors N.V. Automotive SiC Gate Drivers Product Portfolios and Specifications

13.4.3 NXP Semiconductors N.V. Automotive SiC Gate Drivers Sales, Revenue, Price and Gross Margin (2021-2026)

13.4.4 NXP Semiconductors N.V. Main Business Overview

13.4.5 NXP Semiconductors N.V. Latest Developments

13.5 onsemi

13.5.1 onsemi Company Information

13.5.2 onsemi Automotive SiC Gate Drivers Product Portfolios and Specifications

13.5.3 onsemi Automotive SiC Gate Drivers Sales, Revenue, Price and Gross Margin (2021-2026)

13.5.4 onsemi Main Business Overview

- 13.5.5 onsemi Latest Developments
- 13.6 Analog Devices, Inc.
 - 13.6.1 Analog Devices, Inc. Company Information
 - 13.6.2 Analog Devices, Inc. Automotive SiC Gate Drivers Product Portfolios and Specifications
 - 13.6.3 Analog Devices, Inc. Automotive SiC Gate Drivers Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.6.4 Analog Devices, Inc. Main Business Overview
 - 13.6.5 Analog Devices, Inc. Latest Developments
- 13.7 Renesas Electronics Corporation
 - 13.7.1 Renesas Electronics Corporation Company Information
 - 13.7.2 Renesas Electronics Corporation Automotive SiC Gate Drivers Product Portfolios and Specifications
 - 13.7.3 Renesas Electronics Corporation Automotive SiC Gate Drivers Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.7.4 Renesas Electronics Corporation Main Business Overview
 - 13.7.5 Renesas Electronics Corporation Latest Developments
- 13.8 ROHM Co., Ltd.
 - 13.8.1 ROHM Co., Ltd. Company Information
 - 13.8.2 ROHM Co., Ltd. Automotive SiC Gate Drivers Product Portfolios and Specifications
 - 13.8.3 ROHM Co., Ltd. Automotive SiC Gate Drivers Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.8.4 ROHM Co., Ltd. Main Business Overview
 - 13.8.5 ROHM Co., Ltd. Latest Developments
- 13.9 Broadcom Inc.
 - 13.9.1 Broadcom Inc. Company Information
 - 13.9.2 Broadcom Inc. Automotive SiC Gate Drivers Product Portfolios and Specifications
 - 13.9.3 Broadcom Inc. Automotive SiC Gate Drivers Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.9.4 Broadcom Inc. Main Business Overview
 - 13.9.5 Broadcom Inc. Latest Developments
- 13.10 NOVOSENSE Microelectronics Co., Ltd.
 - 13.10.1 NOVOSENSE Microelectronics Co., Ltd. Company Information
 - 13.10.2 NOVOSENSE Microelectronics Co., Ltd. Automotive SiC Gate Drivers Product Portfolios and Specifications
 - 13.10.3 NOVOSENSE Microelectronics Co., Ltd. Automotive SiC Gate Drivers Sales, Revenue, Price and Gross Margin (2021-2026)

13.10.4 NOVOSENSE Microelectronics Co., Ltd. Main Business Overview

13.10.5 NOVOSENSE Microelectronics Co., Ltd. Latest Developments

13.11 Chipanalog Microelectronics Co., Ltd.

13.11.1 Chipanalog Microelectronics Co., Ltd. Company Information

13.11.2 Chipanalog Microelectronics Co., Ltd. Automotive SiC Gate Drivers Product Portfolios and Specifications

13.11.3 Chipanalog Microelectronics Co., Ltd. Automotive SiC Gate Drivers Sales, Revenue, Price and Gross Margin (2021-2026)

13.11.4 Chipanalog Microelectronics Co., Ltd. Main Business Overview

13.11.5 Chipanalog Microelectronics Co., Ltd. Latest Developments

13.12 Inventchip Technology Co., Ltd.

13.12.1 Inventchip Technology Co., Ltd. Company Information

13.12.2 Inventchip Technology Co., Ltd. Automotive SiC Gate Drivers Product Portfolios and Specifications

13.12.3 Inventchip Technology Co., Ltd. Automotive SiC Gate Drivers Sales, Revenue, Price and Gross Margin (2021-2026)

13.12.4 Inventchip Technology Co., Ltd. Main Business Overview

13.12.5 Inventchip Technology Co., Ltd. Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Automotive SiC Gate Drivers Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & (\$ millions)

Table 2. Automotive SiC Gate Drivers Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & (\$ millions)

Table 3. Major Players of Single-Channel SiC Gate Drivers

Table 4. Major Players of Dual-Channel SiC Gate Drivers

Table 5. Major Players of Multi-Channel SiC Gate Drivers

Table 6. Global Automotive SiC Gate Drivers Sales by Type (2021-2026) & (K Units)

Table 7. Global Automotive SiC Gate Drivers Sales Market Share by Type (2021-2026)

Table 8. Global Automotive SiC Gate Drivers Revenue by Type (2021-2026) & (\$ million)

Table 9. Global Automotive SiC Gate Drivers Revenue Market Share by Type (2021-2026)

Table 10. Global Automotive SiC Gate Drivers Sale Price by Type (2021-2026) & (US\$/Unit)

Table 11. Major Players of Isolated SiC Gate Drivers

Table 12. Major Players of Non-Isolated SiC Gate Drivers

Table 13. Major Players of Integrated Isolation SiC Gate Drivers

Table 14. Global Automotive SiC Gate Drivers Sales by Isolation Type (2021-2026) & (K Units)

Table 15. Global Automotive SiC Gate Drivers Sales Market Share by Isolation Type (2021-2026)

Table 16. Global Automotive SiC Gate Drivers Revenue by Isolation Type (2021-2026) & (\$ million)

Table 17. Global Automotive SiC Gate Drivers Revenue Market Share by Isolation Type (2021-2026)

Table 18. Global Automotive SiC Gate Drivers Sale Price by Isolation Type (2021-2026) & (US\$/Unit)

Table 19. Major Players of Low Current??5 A?

Table 20. Major Players of Medium Current?5.1–10 A?

Table 21. Major Players of High Current??10 A?

Table 22. Global Automotive SiC Gate Drivers Sales by Peak Output Current (2021-2026) & (K Units)

Table 23. Global Automotive SiC Gate Drivers Sales Market Share by Peak Output Current (2021-2026)

Table 24. Global Automotive SiC Gate Drivers Revenue by Peak Output Current (2021-2026) & (\$ million)

Table 25. Global Automotive SiC Gate Drivers Revenue Market Share by Peak Output Current (2021-2026)

Table 26. Global Automotive SiC Gate Drivers Sale Price by Peak Output Current (2021-2026) & (US\$/Unit)

Table 27. Global Automotive SiC Gate Drivers Sale by Application (2021-2026) & (K Units)

Table 28. Global Automotive SiC Gate Drivers Sale Market Share by Application (2021-2026)

Table 29. Global Automotive SiC Gate Drivers Revenue by Application (2021-2026) & (\$ million)

Table 30. Global Automotive SiC Gate Drivers Revenue Market Share by Application (2021-2026)

Table 31. Global Automotive SiC Gate Drivers Sale Price by Application (2021-2026) & (US\$/Unit)

Table 32. Global Automotive SiC Gate Drivers Sales by Company (2021-2026) & (K Units)

Table 33. Global Automotive SiC Gate Drivers Sales Market Share by Company (2021-2026)

Table 34. Global Automotive SiC Gate Drivers Revenue by Company (2021-2026) & (\$ millions)

Table 35. Global Automotive SiC Gate Drivers Revenue Market Share by Company (2021-2026)

Table 36. Global Automotive SiC Gate Drivers Sale Price by Company (2021-2026) & (US\$/Unit)

Table 37. Key Manufacturers Automotive SiC Gate Drivers Producing Area Distribution and Sales Area

Table 38. Players Automotive SiC Gate Drivers Products Offered

Table 39. Automotive SiC Gate Drivers Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

Table 40. New Products and Potential Entrants

Table 41. Market M&A Activity & Strategy

Table 42. Global Automotive SiC Gate Drivers Sales by Geographic Region (2021-2026) & (K Units)

Table 43. Global Automotive SiC Gate Drivers Sales Market Share Geographic Region (2021-2026)

Table 44. Global Automotive SiC Gate Drivers Revenue by Geographic Region (2021-2026) & (\$ millions)

Table 45. Global Automotive SiC Gate Drivers Revenue Market Share by Geographic Region (2021-2026)

Table 46. Global Automotive SiC Gate Drivers Sales by Country/Region (2021-2026) & (K Units)

Table 47. Global Automotive SiC Gate Drivers Sales Market Share by Country/Region (2021-2026)

Table 48. Global Automotive SiC Gate Drivers Revenue by Country/Region (2021-2026) & (\$ millions)

Table 49. Global Automotive SiC Gate Drivers Revenue Market Share by Country/Region (2021-2026)

Table 50. Americas Automotive SiC Gate Drivers Sales by Country (2021-2026) & (K Units)

Table 51. Americas Automotive SiC Gate Drivers Sales Market Share by Country (2021-2026)

Table 52. Americas Automotive SiC Gate Drivers Revenue by Country (2021-2026) & (\$ millions)

Table 53. Americas Automotive SiC Gate Drivers Sales by Type (2021-2026) & (K Units)

Table 54. Americas Automotive SiC Gate Drivers Sales by Application (2021-2026) & (K Units)

Table 55. APAC Automotive SiC Gate Drivers Sales by Region (2021-2026) & (K Units)

Table 56. APAC Automotive SiC Gate Drivers Sales Market Share by Region (2021-2026)

Table 57. APAC Automotive SiC Gate Drivers Revenue by Region (2021-2026) & (\$ millions)

Table 58. APAC Automotive SiC Gate Drivers Sales by Type (2021-2026) & (K Units)

Table 59. APAC Automotive SiC Gate Drivers Sales by Application (2021-2026) & (K Units)

Table 60. Europe Automotive SiC Gate Drivers Sales by Country (2021-2026) & (K Units)

Table 61. Europe Automotive SiC Gate Drivers Revenue by Country (2021-2026) & (\$ millions)

Table 62. Europe Automotive SiC Gate Drivers Sales by Type (2021-2026) & (K Units)

Table 63. Europe Automotive SiC Gate Drivers Sales by Application (2021-2026) & (K Units)

Table 64. Middle East & Africa Automotive SiC Gate Drivers Sales by Country (2021-2026) & (K Units)

Table 65. Middle East & Africa Automotive SiC Gate Drivers Revenue Market Share by Country (2021-2026)

Table 66. Middle East & Africa Automotive SiC Gate Drivers Sales by Type (2021-2026) & (K Units)

Table 67. Middle East & Africa Automotive SiC Gate Drivers Sales by Application (2021-2026) & (K Units)

Table 68. Key Market Drivers & Growth Opportunities of Automotive SiC Gate Drivers

Table 69. Key Market Challenges & Risks of Automotive SiC Gate Drivers

Table 70. Key Industry Trends of Automotive SiC Gate Drivers

Table 71. Automotive SiC Gate Drivers Raw Material

Table 72. Key Suppliers of Raw Materials

Table 73. Automotive SiC Gate Drivers Distributors List

Table 74. Automotive SiC Gate Drivers Customer List

Table 75. Global Automotive SiC Gate Drivers Sales Forecast by Region (2027-2032) & (K Units)

Table 76. Global Automotive SiC Gate Drivers Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 77. Americas Automotive SiC Gate Drivers Sales Forecast by Country (2027-2032) & (K Units)

Table 78. Americas Automotive SiC Gate Drivers Annual Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 79. APAC Automotive SiC Gate Drivers Sales Forecast by Region (2027-2032) & (K Units)

Table 80. APAC Automotive SiC Gate Drivers Annual Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 81. Europe Automotive SiC Gate Drivers Sales Forecast by Country (2027-2032) & (K Units)

Table 82. Europe Automotive SiC Gate Drivers Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 83. Middle East & Africa Automotive SiC Gate Drivers Sales Forecast by Country (2027-2032) & (K Units)

Table 84. Middle East & Africa Automotive SiC Gate Drivers Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 85. Global Automotive SiC Gate Drivers Sales Forecast by Type (2027-2032) & (K Units)

Table 86. Global Automotive SiC Gate Drivers Revenue Forecast by Type (2027-2032) & (\$ millions)

Table 87. Global Automotive SiC Gate Drivers Sales Forecast by Application (2027-2032) & (K Units)

Table 88. Global Automotive SiC Gate Drivers Revenue Forecast by Application (2027-2032) & (\$ millions)

Table 89. Infineon Technologies AG Basic Information, Automotive SiC Gate Drivers Manufacturing Base, Sales Area and Its Competitors

Table 90. Infineon Technologies AG Automotive SiC Gate Drivers Product Portfolios and Specifications

Table 91. Infineon Technologies AG Automotive SiC Gate Drivers Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 92. Infineon Technologies AG Main Business

Table 93. Infineon Technologies AG Latest Developments

Table 94. Texas Instruments Incorporated Basic Information, Automotive SiC Gate Drivers Manufacturing Base, Sales Area and Its Competitors

Table 95. Texas Instruments Incorporated Automotive SiC Gate Drivers Product Portfolios and Specifications

Table 96. Texas Instruments Incorporated Automotive SiC Gate Drivers Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 97. Texas Instruments Incorporated Main Business

Table 98. Texas Instruments Incorporated Latest Developments

Table 99. STMicroelectronics N.V. Basic Information, Automotive SiC Gate Drivers Manufacturing Base, Sales Area and Its Competitors

Table 100. STMicroelectronics N.V. Automotive SiC Gate Drivers Product Portfolios and Specifications

Table 101. STMicroelectronics N.V. Automotive SiC Gate Drivers Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 102. STMicroelectronics N.V. Main Business

Table 103. STMicroelectronics N.V. Latest Developments

Table 104. NXP Semiconductors N.V. Basic Information, Automotive SiC Gate Drivers Manufacturing Base, Sales Area and Its Competitors

Table 105. NXP Semiconductors N.V. Automotive SiC Gate Drivers Product Portfolios and Specifications

Table 106. NXP Semiconductors N.V. Automotive SiC Gate Drivers Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 107. NXP Semiconductors N.V. Main Business

Table 108. NXP Semiconductors N.V. Latest Developments

Table 109. onsemi Basic Information, Automotive SiC Gate Drivers Manufacturing Base, Sales Area and Its Competitors

Table 110. onsemi Automotive SiC Gate Drivers Product Portfolios and Specifications

Table 111. onsemi Automotive SiC Gate Drivers Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 112. onsemi Main Business

Table 113. onsemi Latest Developments

Table 114. Analog Devices, Inc. Basic Information, Automotive SiC Gate Drivers Manufacturing Base, Sales Area and Its Competitors

Table 115. Analog Devices, Inc. Automotive SiC Gate Drivers Product Portfolios and Specifications

Table 116. Analog Devices, Inc. Automotive SiC Gate Drivers Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 117. Analog Devices, Inc. Main Business

Table 118. Analog Devices, Inc. Latest Developments

Table 119. Renesas Electronics Corporation Basic Information, Automotive SiC Gate Drivers Manufacturing Base, Sales Area and Its Competitors

Table 120. Renesas Electronics Corporation Automotive SiC Gate Drivers Product Portfolios and Specifications

Table 121. Renesas Electronics Corporation Automotive SiC Gate Drivers Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 122. Renesas Electronics Corporation Main Business

Table 123. Renesas Electronics Corporation Latest Developments

Table 124. ROHM Co., Ltd. Basic Information, Automotive SiC Gate Drivers Manufacturing Base, Sales Area and Its Competitors

Table 125. ROHM Co., Ltd. Automotive SiC Gate Drivers Product Portfolios and Specifications

Table 126. ROHM Co., Ltd. Automotive SiC Gate Drivers Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 127. ROHM Co., Ltd. Main Business

Table 128. ROHM Co., Ltd. Latest Developments

Table 129. Broadcom Inc. Basic Information, Automotive SiC Gate Drivers Manufacturing Base, Sales Area and Its Competitors

Table 130. Broadcom Inc. Automotive SiC Gate Drivers Product Portfolios and Specifications

Table 131. Broadcom Inc. Automotive SiC Gate Drivers Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 132. Broadcom Inc. Main Business

Table 133. Broadcom Inc. Latest Developments

Table 134. NOVOSENSE Microelectronics Co., Ltd. Basic Information, Automotive SiC Gate Drivers Manufacturing Base, Sales Area and Its Competitors

Table 135. NOVOSENSE Microelectronics Co., Ltd. Automotive SiC Gate Drivers Product Portfolios and Specifications

Table 136. NOVOSENSE Microelectronics Co., Ltd. Automotive SiC Gate Drivers Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 137. NOVOSENSE Microelectronics Co., Ltd. Main Business

Table 138. NOVOSENSE Microelectronics Co., Ltd. Latest Developments

Table 139. Chipanalog Microelectronics Co., Ltd. Basic Information, Automotive SiC Gate Drivers Manufacturing Base, Sales Area and Its Competitors

Table 140. Chipanalog Microelectronics Co., Ltd. Automotive SiC Gate Drivers Product Portfolios and Specifications

Table 141. Chipanalog Microelectronics Co., Ltd. Automotive SiC Gate Drivers Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 142. Chipanalog Microelectronics Co., Ltd. Main Business

Table 143. Chipanalog Microelectronics Co., Ltd. Latest Developments

Table 144. Inventchip Technology Co., Ltd. Basic Information, Automotive SiC Gate Drivers Manufacturing Base, Sales Area and Its Competitors

Table 145. Inventchip Technology Co., Ltd. Automotive SiC Gate Drivers Product Portfolios and Specifications

Table 146. Inventchip Technology Co., Ltd. Automotive SiC Gate Drivers Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 147. Inventchip Technology Co., Ltd. Main Business

Table 148. Inventchip Technology Co., Ltd. Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Automotive SiC Gate Drivers
- Figure 2. Automotive SiC Gate Drivers Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Automotive SiC Gate Drivers Sales Growth Rate 2021-2032 (K Units)
- Figure 7. Global Automotive SiC Gate Drivers Revenue Growth Rate 2021-2032 (\$ millions)
- Figure 8. Automotive SiC Gate Drivers Sales by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Figure 9. Automotive SiC Gate Drivers Sales Market Share by Country/Region (2025)
- Figure 10. Automotive SiC Gate Drivers Sales Market Share by Country/Region (2021, 2025 & 2032)
- Figure 11. Product Picture of Single-Channel SiC Gate Drivers
- Figure 12. Product Picture of Dual-Channel SiC Gate Drivers
- Figure 13. Product Picture of Multi-Channel SiC Gate Drivers
- Figure 14. Global Automotive SiC Gate Drivers Sales Market Share by Type in 2026
- Figure 15. Global Automotive SiC Gate Drivers Revenue Market Share by Type (2021-2026)
- Figure 16. Product Picture of Isolated SiC Gate Drivers
- Figure 17. Product Picture of Non-Isolated SiC Gate Drivers
- Figure 18. Product Picture of Integrated Isolation SiC Gate Drivers
- Figure 19. Global Automotive SiC Gate Drivers Sales Market Share by Isolation Type in 2026
- Figure 20. Global Automotive SiC Gate Drivers Revenue Market Share by Isolation Type (2021-2026)
- Figure 21. Product Picture of Low Current??5 A?
- Figure 22. Product Picture of Medium Current?5.1–10 A?
- Figure 23. Product Picture of High Current??10 A?
- Figure 24. Global Automotive SiC Gate Drivers Sales Market Share by Peak Output Current in 2026
- Figure 25. Global Automotive SiC Gate Drivers Revenue Market Share by Peak Output Current (2021-2026)
- Figure 26. Automotive SiC Gate Drivers Consumed in Traction Inverters
- Figure 27. Global Automotive SiC Gate Drivers Market: Traction Inverters (2021-2026)

& (K Units)

Figure 28. Automotive SiC Gate Drivers Consumed in On-Board Chargers

Figure 29. Global Automotive SiC Gate Drivers Market: On-Board Chargers
(2021-2026) & (K Units)

Figure 30. Automotive SiC Gate Drivers Consumed in DC-DC Converters

Figure 31. Global Automotive SiC Gate Drivers Market: DC-DC Converters (2021-2026)
& (K Units)

Figure 32. Automotive SiC Gate Drivers Consumed in Other

Figure 33. Global Automotive SiC Gate Drivers Market: Other (2021-2026) & (K Units)

Figure 34. Global Automotive SiC Gate Drivers Sale Market Share by Application (2025)

Figure 35. Global Automotive SiC Gate Drivers Revenue Market Share by Application in
2025

Figure 36. Automotive SiC Gate Drivers Sales by Company in 2025 (K Units)

Figure 37. Global Automotive SiC Gate Drivers Sales Market Share by Company in
2025

Figure 38. Automotive SiC Gate Drivers Revenue by Company in 2025 (\$ millions)

Figure 39. Global Automotive SiC Gate Drivers Revenue Market Share by Company in
2025

Figure 40. Global Automotive SiC Gate Drivers Sales Market Share by Geographic
Region (2021-2026)

Figure 41. Global Automotive SiC Gate Drivers Revenue Market Share by Geographic
Region in 2025

Figure 42. Americas Automotive SiC Gate Drivers Sales 2021-2026 (K Units)

Figure 43. Americas Automotive SiC Gate Drivers Revenue 2021-2026 (\$ millions)

Figure 44. APAC Automotive SiC Gate Drivers Sales 2021-2026 (K Units)

Figure 45. APAC Automotive SiC Gate Drivers Revenue 2021-2026 (\$ millions)

Figure 46. Europe Automotive SiC Gate Drivers Sales 2021-2026 (K Units)

Figure 47. Europe Automotive SiC Gate Drivers Revenue 2021-2026 (\$ millions)

Figure 48. Middle East & Africa Automotive SiC Gate Drivers Sales 2021-2026 (K Units)

Figure 49. Middle East & Africa Automotive SiC Gate Drivers Revenue 2021-2026 (\$
millions)

Figure 50. Americas Automotive SiC Gate Drivers Sales Market Share by Country in
2025

Figure 51. Americas Automotive SiC Gate Drivers Revenue Market Share by Country
(2021-2026)

Figure 52. Americas Automotive SiC Gate Drivers Sales Market Share by Type
(2021-2026)

Figure 53. Americas Automotive SiC Gate Drivers Sales Market Share by Application
(2021-2026)

Figure 54. United States Automotive SiC Gate Drivers Revenue Growth 2021-2026 (\$ millions)

Figure 55. Canada Automotive SiC Gate Drivers Revenue Growth 2021-2026 (\$ millions)

Figure 56. Mexico Automotive SiC Gate Drivers Revenue Growth 2021-2026 (\$ millions)

Figure 57. Brazil Automotive SiC Gate Drivers Revenue Growth 2021-2026 (\$ millions)

Figure 58. APAC Automotive SiC Gate Drivers Sales Market Share by Region in 2025

Figure 59. APAC Automotive SiC Gate Drivers Revenue Market Share by Region (2021-2026)

Figure 60. APAC Automotive SiC Gate Drivers Sales Market Share by Type (2021-2026)

Figure 61. APAC Automotive SiC Gate Drivers Sales Market Share by Application (2021-2026)

Figure 62. China Automotive SiC Gate Drivers Revenue Growth 2021-2026 (\$ millions)

Figure 63. Japan Automotive SiC Gate Drivers Revenue Growth 2021-2026 (\$ millions)

Figure 64. South Korea Automotive SiC Gate Drivers Revenue Growth 2021-2026 (\$ millions)

Figure 65. Southeast Asia Automotive SiC Gate Drivers Revenue Growth 2021-2026 (\$ millions)

Figure 66. India Automotive SiC Gate Drivers Revenue Growth 2021-2026 (\$ millions)

Figure 67. Australia Automotive SiC Gate Drivers Revenue Growth 2021-2026 (\$ millions)

Figure 68. China Taiwan Automotive SiC Gate Drivers Revenue Growth 2021-2026 (\$ millions)

Figure 69. Europe Automotive SiC Gate Drivers Sales Market Share by Country in 2025

Figure 70. Europe Automotive SiC Gate Drivers Revenue Market Share by Country (2021-2026)

Figure 71. Europe Automotive SiC Gate Drivers Sales Market Share by Type (2021-2026)

Figure 72. Europe Automotive SiC Gate Drivers Sales Market Share by Application (2021-2026)

Figure 73. Germany Automotive SiC Gate Drivers Revenue Growth 2021-2026 (\$ millions)

Figure 74. France Automotive SiC Gate Drivers Revenue Growth 2021-2026 (\$ millions)

Figure 75. UK Automotive SiC Gate Drivers Revenue Growth 2021-2026 (\$ millions)

Figure 76. Italy Automotive SiC Gate Drivers Revenue Growth 2021-2026 (\$ millions)

Figure 77. Russia Automotive SiC Gate Drivers Revenue Growth 2021-2026 (\$ millions)

Figure 78. Middle East & Africa Automotive SiC Gate Drivers Sales Market Share by Country (2021-2026)

Figure 79. Middle East & Africa Automotive SiC Gate Drivers Sales Market Share by Type (2021-2026)

Figure 80. Middle East & Africa Automotive SiC Gate Drivers Sales Market Share by Application (2021-2026)

Figure 81. Egypt Automotive SiC Gate Drivers Revenue Growth 2021-2026 (\$ millions)

Figure 82. South Africa Automotive SiC Gate Drivers Revenue Growth 2021-2026 (\$ millions)

Figure 83. Israel Automotive SiC Gate Drivers Revenue Growth 2021-2026 (\$ millions)

Figure 84. Turkey Automotive SiC Gate Drivers Revenue Growth 2021-2026 (\$ millions)

Figure 85. GCC Countries Automotive SiC Gate Drivers Revenue Growth 2021-2026 (\$ millions)

Figure 86. Manufacturing Cost Structure Analysis of Automotive SiC Gate Drivers in 2026

Figure 87. Manufacturing Process Analysis of Automotive SiC Gate Drivers

Figure 88. Industry Chain Structure of Automotive SiC Gate Drivers

Figure 89. Channels of Distribution

Figure 90. Global Automotive SiC Gate Drivers Sales Market Forecast by Region (2027-2032)

Figure 91. Global Automotive SiC Gate Drivers Revenue Market Share Forecast by Region (2027-2032)

Figure 92. Global Automotive SiC Gate Drivers Sales Market Share Forecast by Type (2027-2032)

Figure 93. Global Automotive SiC Gate Drivers Revenue Market Share Forecast by Type (2027-2032)

Figure 94. Global Automotive SiC Gate Drivers Sales Market Share Forecast by Application (2027-2032)

Figure 95. Global Automotive SiC Gate Drivers Revenue Market Share Forecast by Application (2027-2032)

I would like to order

Product name: Global Automotive SiC Gate Drivers Market Growth 2026-2032

Product link: <https://marketpublishers.com/r/G1FDCAA3FA86EN.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/G1FDCAA3FA86EN.html>