+357 96 030922
info@marketpublishers.com

Global Automotive MOSFET and IGBT Gate Drivers Market Growth 2025-2031

https://marketpublishers.com/r/GD83915858D8EN.html
Date: May 2025
Pages: 108
Price: US$ 3,660.00 (Single User License)
ID: GD83915858D8EN

Abstracts

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

The global FIB-SEM System market size is predicted to grow from US$ 644 million in 2025 to US$ 910 million in 2031; it is expected to grow at a CAGR of 5.9% from 2025 to 2031.

The FIB-SEM system is an electron microscope system that integrates focused electron beams and scanning ion beams. Focused ion beams can be used for micro processing of samples, scanning electron beams can be used for micro imaging and 'two-dimensional' characterization analysis of sample surface morphology, and real-time observation of the FIB processing process. Therefore, the FIB-SEM system can achieve fixed-point etching, deposition, cross-sectional cutting, TEM electron microscopy sample preparation, and micro/nano device preparation of samples Circuit repair, 3D structural characterization, etc.

Global key players of FIB-SEM System include Thermo Fisher Scientific Hitachi and Zeiss, etc. The top three players hold a share over 85%. Japan is the largest market. In terms of product type, Ga Ion Source is the largest segment, occupied for a share of 95%, and in terms of application, Material Science has a share about 40 percent.

Analysis of FIB-SEM system market drivers

1. Demand for semiconductor technology iteration

Advanced process node promotion:

+357 96 030922
info@marketpublishers.com

3nm/2nm chip process requires atomic-level defect detection, and FIB-SEM supports nanoscale circuit editing and material composition analysis (such as EDS/EBSD integration) to help improve yield.

3D packaging technology (such as Chiplet) relies on FIB-SEM for through-silicon via (TSV) cross-sectional analysis and interface defect positioning.

Semiconductor material innovation:

The microstructure research of third-generation semiconductors (GaN, SiC) and two-dimensional materials (graphene) requires FIB-SEM to achieve atomic-level resolution imaging (

+357 96 030922
info@marketpublishers.com

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 MOSFET and IGBT Gate Drivers Annual Sales 2020-2031
  2.1.2 World Current & Future Analysis for Automotive MOSFET and IGBT Gate Drivers by Geographic Region, 2020, 2024 & 2031
  2.1.3 World Current & Future Analysis for Automotive MOSFET and IGBT Gate Drivers by Country/Region, 2020, 2024 & 2031
2.2 Automotive MOSFET and IGBT Gate Drivers Segment by Type
  2.2.1 Single Channel Gate Drivers
  2.2.2 Half-bridge Gate Drivers
  2.2.3 Full Bridge Gate Drivers
  2.2.4 Three Phase Gate Drivers
  2.2.5 Others
2.3 Automotive MOSFET and IGBT Gate Drivers Sales by Type
  2.3.1 Global Automotive MOSFET and IGBT Gate Drivers Sales Market Share by Type (2020-2025)
  2.3.2 Global Automotive MOSFET and IGBT Gate Drivers Revenue and Market Share by Type (2020-2025)
  2.3.3 Global Automotive MOSFET and IGBT Gate Drivers Sale Price by Type (2020-2025)
2.4 Automotive MOSFET and IGBT Gate Drivers Segment by Application
  2.4.1 Commercial Vehicle
  2.4.2 Passenger Car
2.5 Automotive MOSFET and IGBT Gate Drivers Sales by Application
  2.5.1 Global Automotive MOSFET and IGBT Gate Drivers Sale Market Share by

+357 96 030922
info@marketpublishers.com

Application (2020-2025)
2.5.2 Global Automotive MOSFET and IGBT Gate Drivers Revenue and Market Share by Application (2020-2025)
2.5.3 Global Automotive MOSFET and IGBT Gate Drivers Sale Price by Application (2020-2025)

3 GLOBAL BY COMPANY

3.1 Global Automotive MOSFET and IGBT Gate Drivers Breakdown Data by Company
3.1.1 Global Automotive MOSFET and IGBT Gate Drivers Annual Sales by Company (2020-2025)
3.1.2 Global Automotive MOSFET and IGBT Gate Drivers Sales Market Share by Company (2020-2025)
3.2 Global Automotive MOSFET and IGBT Gate Drivers Annual Revenue by Company (2020-2025)
3.2.1 Global Automotive MOSFET and IGBT Gate Drivers Revenue by Company (2020-2025)
3.2.2 Global Automotive MOSFET and IGBT Gate Drivers Revenue Market Share by Company (2020-2025)
3.3 Global Automotive MOSFET and IGBT Gate Drivers Sale Price by Company
3.4 Key Manufacturers Automotive MOSFET and IGBT Gate Drivers Producing Area Distribution, Sales Area, Product Type
3.4.1 Key Manufacturers Automotive MOSFET and IGBT Gate Drivers Product Location Distribution
3.4.2 Players Automotive MOSFET and IGBT 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) & (2023-2025)
3.6 New Products and Potential Entrants
3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR AUTOMOTIVE MOSFET AND IGBT GATE DRIVERS BY GEOGRAPHIC REGION

4.1 World Historic Automotive MOSFET and IGBT Gate Drivers Market Size by Geographic Region (2020-2025)
4.1.1 Global Automotive MOSFET and IGBT Gate Drivers Annual Sales by Geographic Region (2020-2025)
4.1.2 Global Automotive MOSFET and IGBT Gate Drivers Annual Revenue by

+357 96 030922
info@marketpublishers.com

Geographic Region (2020-2025)
4.2 World Historic Automotive MOSFET and IGBT Gate Drivers Market Size by Country/Region (2020-2025)
4.2.1 Global Automotive MOSFET and IGBT Gate Drivers Annual Sales by Country/Region (2020-2025)
4.2.2 Global Automotive MOSFET and IGBT Gate Drivers Annual Revenue by Country/Region (2020-2025)
4.3 Americas Automotive MOSFET and IGBT Gate Drivers Sales Growth
4.4 APAC Automotive MOSFET and IGBT Gate Drivers Sales Growth
4.5 Europe Automotive MOSFET and IGBT Gate Drivers Sales Growth
4.6 Middle East & Africa Automotive MOSFET and IGBT Gate Drivers Sales Growth

5 AMERICAS

5.1 Americas Automotive MOSFET and IGBT Gate Drivers Sales by Country
5.1.1 Americas Automotive MOSFET and IGBT Gate Drivers Sales by Country (2020-2025)
5.1.2 Americas Automotive MOSFET and IGBT Gate Drivers Revenue by Country (2020-2025)
5.2 Americas Automotive MOSFET and IGBT Gate Drivers Sales by Type (2020-2025)
5.3 Americas Automotive MOSFET and IGBT Gate Drivers Sales by Application (2020-2025)
5.4 United States
5.5 Canada
5.6 Mexico
5.7 Brazil

6 APAC

6.1 APAC Automotive MOSFET and IGBT Gate Drivers Sales by Region
6.1.1 APAC Automotive MOSFET and IGBT Gate Drivers Sales by Region (2020-2025)
6.1.2 APAC Automotive MOSFET and IGBT Gate Drivers Revenue by Region (2020-2025)
6.2 APAC Automotive MOSFET and IGBT Gate Drivers Sales by Type (2020-2025)
6.3 APAC Automotive MOSFET and IGBT Gate Drivers Sales by Application (2020-2025)
6.4 China
6.5 Japan

+357 96 030922
info@marketpublishers.com

6.6 South Korea
6.7 Southeast Asia
6.8 India
6.9 Australia
6.10 China Taiwan

7 EUROPE

7.1 Europe Automotive MOSFET and IGBT Gate Drivers by Country
  7.1.1 Europe Automotive MOSFET and IGBT Gate Drivers Sales by Country (2020-2025)
  7.1.2 Europe Automotive MOSFET and IGBT Gate Drivers Revenue by Country (2020-2025)
7.2 Europe Automotive MOSFET and IGBT Gate Drivers Sales by Type (2020-2025)
7.3 Europe Automotive MOSFET and IGBT Gate Drivers Sales by Application (2020-2025)
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 MOSFET and IGBT Gate Drivers by Country
  8.1.1 Middle East & Africa Automotive MOSFET and IGBT Gate Drivers Sales by Country (2020-2025)
  8.1.2 Middle East & Africa Automotive MOSFET and IGBT Gate Drivers Revenue by Country (2020-2025)
8.2 Middle East & Africa Automotive MOSFET and IGBT Gate Drivers Sales by Type (2020-2025)
8.3 Middle East & Africa Automotive MOSFET and IGBT Gate Drivers Sales by Application (2020-2025)
8.4 Egypt
8.5 South Africa
8.6 Israel
8.7 Turkey
8.8 GCC Countries

+357 96 030922
info@marketpublishers.com

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 MOSFET and IGBT Gate Drivers
10.3 Manufacturing Process Analysis of Automotive MOSFET and IGBT Gate Drivers
10.4 Industry Chain Structure of Automotive MOSFET and IGBT Gate Drivers

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel
  11.1.1 Direct Channels
  11.1.2 Indirect Channels
11.2 Automotive MOSFET and IGBT Gate Drivers Distributors
11.3 Automotive MOSFET and IGBT Gate Drivers Customer

12 WORLD FORECAST REVIEW FOR AUTOMOTIVE MOSFET AND IGBT GATE DRIVERS BY GEOGRAPHIC REGION

12.1 Global Automotive MOSFET and IGBT Gate Drivers Market Size Forecast by Region
  12.1.1 Global Automotive MOSFET and IGBT Gate Drivers Forecast by Region (2026-2031)
  12.1.2 Global Automotive MOSFET and IGBT Gate Drivers Annual Revenue Forecast by Region (2026-2031)
12.2 Americas Forecast by Country (2026-2031)
12.3 APAC Forecast by Region (2026-2031)
12.4 Europe Forecast by Country (2026-2031)
12.5 Middle East & Africa Forecast by Country (2026-2031)
12.6 Global Automotive MOSFET and IGBT Gate Drivers Forecast by Type (2026-2031)
12.7 Global Automotive MOSFET and IGBT Gate Drivers Forecast by Application (2026-2031)

+357 96 030922
info@marketpublishers.com

13 KEY PLAYERS ANALYSIS

13.1 Infineon Technologies
13.1.1 Infineon Technologies Company Information
13.1.2 Infineon Technologies Automotive MOSFET and IGBT Gate Drivers Product Portfolios and Specifications
13.1.3 Infineon Technologies Automotive MOSFET and IGBT Gate Drivers Sales, Revenue, Price and Gross Margin (2020-2025)
13.1.4 Infineon Technologies Main Business Overview
13.1.5 Infineon Technologies Latest Developments
13.2 ON Semiconductor
13.2.1 ON Semiconductor Company Information
13.2.2 ON Semiconductor Automotive MOSFET and IGBT Gate Drivers Product Portfolios and Specifications
13.2.3 ON Semiconductor Automotive MOSFET and IGBT Gate Drivers Sales, Revenue, Price and Gross Margin (2020-2025)
13.2.4 ON Semiconductor Main Business Overview
13.2.5 ON Semiconductor Latest Developments
13.3 STMicroelectronics
13.3.1 STMicroelectronics Company Information
13.3.2 STMicroelectronics Automotive MOSFET and IGBT Gate Drivers Product Portfolios and Specifications
13.3.3 STMicroelectronics Automotive MOSFET and IGBT Gate Drivers Sales, Revenue, Price and Gross Margin (2020-2025)
13.3.4 STMicroelectronics Main Business Overview
13.3.5 STMicroelectronics Latest Developments
13.4 ROHM Semiconductor
13.4.1 ROHM Semiconductor Company Information
13.4.2 ROHM Semiconductor Automotive MOSFET and IGBT Gate Drivers Product Portfolios and Specifications
13.4.3 ROHM Semiconductor Automotive MOSFET and IGBT Gate Drivers Sales, Revenue, Price and Gross Margin (2020-2025)
13.4.4 ROHM Semiconductor Main Business Overview
13.4.5 ROHM Semiconductor Latest Developments
13.5 NXP Semiconductors
13.5.1 NXP Semiconductors Company Information
13.5.2 NXP Semiconductors Automotive MOSFET and IGBT Gate Drivers Product Portfolios and Specifications

+357 96 030922
info@marketpublishers.com

13.5.3 NXP Semiconductors Automotive MOSFET and IGBT Gate Drivers Sales, Revenue, Price and Gross Margin (2020-2025)
13.5.4 NXP Semiconductors Main Business Overview
13.5.5 NXP Semiconductors Latest Developments
13.6 Texas Instruments
13.6.1 Texas Instruments Company Information
13.6.2 Texas Instruments Automotive MOSFET and IGBT Gate Drivers Product Portfolios and Specifications
13.6.3 Texas Instruments Automotive MOSFET and IGBT Gate Drivers Sales, Revenue, Price and Gross Margin (2020-2025)
13.6.4 Texas Instruments Main Business Overview
13.6.5 Texas Instruments Latest Developments
13.7 Microchip
13.7.1 Microchip Company Information
13.7.2 Microchip Automotive MOSFET and IGBT Gate Drivers Product Portfolios and Specifications
13.7.3 Microchip Automotive MOSFET and IGBT Gate Drivers Sales, Revenue, Price and Gross Margin (2020-2025)
13.7.4 Microchip Main Business Overview
13.7.5 Microchip Latest Developments
13.8 Power Integrations, Inc.
13.8.1 Power Integrations, Inc. Company Information
13.8.2 Power Integrations, Inc. Automotive MOSFET and IGBT Gate Drivers Product Portfolios and Specifications
13.8.3 Power Integrations, Inc. Automotive MOSFET and IGBT Gate Drivers Sales, Revenue, Price and Gross Margin (2020-2025)
13.8.4 Power Integrations, Inc. Main Business Overview
13.8.5 Power Integrations, Inc. Latest Developments
13.9 Vishay
13.9.1 Vishay Company Information
13.9.2 Vishay Automotive MOSFET and IGBT Gate Drivers Product Portfolios and Specifications
13.9.3 Vishay Automotive MOSFET and IGBT Gate Drivers Sales, Revenue, Price and Gross Margin (2020-2025)
13.9.4 Vishay Main Business Overview
13.9.5 Vishay Latest Developments
13.10 Broadcom
13.10.1 Broadcom Company Information
13.10.2 Broadcom Automotive MOSFET and IGBT Gate Drivers Product Portfolios

+357 96 030922
info@marketpublishers.com

and Specifications
13.10.3 Broadcom Automotive MOSFET and IGBT Gate Drivers Sales, Revenue, Price and Gross Margin (2020-2025)
13.10.4 Broadcom Main Business Overview
13.10.5 Broadcom Latest Developments
13.11 Analog Devices
13.11.1 Analog Devices Company Information
13.11.2 Analog Devices Automotive MOSFET and IGBT Gate Drivers Product Portfolios and Specifications
13.11.3 Analog Devices Automotive MOSFET and IGBT Gate Drivers Sales, Revenue, Price and Gross Margin (2020-2025)
13.11.4 Analog Devices Main Business Overview
13.11.5 Analog Devices Latest Developments
13.12 IXYS
13.12.1 IXYS Company Information
13.12.2 IXYS Automotive MOSFET and IGBT Gate Drivers Product Portfolios and Specifications
13.12.3 IXYS Automotive MOSFET and IGBT Gate Drivers Sales, Revenue, Price and Gross Margin (2020-2025)
13.12.4 IXYS Main Business Overview
13.12.5 IXYS Latest Developments
13.13 Toshiba
13.13.1 Toshiba Company Information
13.13.2 Toshiba Automotive MOSFET and IGBT Gate Drivers Product Portfolios and Specifications
13.13.3 Toshiba Automotive MOSFET and IGBT Gate Drivers Sales, Revenue, Price and Gross Margin (2020-2025)
13.13.4 Toshiba Main Business Overview
13.13.5 Toshiba Latest Developments
13.14 Renesas
13.14.1 Renesas Company Information
13.14.2 Renesas Automotive MOSFET and IGBT Gate Drivers Product Portfolios and Specifications
13.14.3 Renesas Automotive MOSFET and IGBT Gate Drivers Sales, Revenue, Price and Gross Margin (2020-2025)
13.14.4 Renesas Main Business Overview
13.14.5 Renesas Latest Developments
13.15 Powerex
13.15.1 Powerex Company Information

+357 96 030922
info@marketpublishers.com

13.15.2 Powerex Automotive MOSFET and IGBT Gate Drivers Product Portfolios and Specifications
13.15.3 Powerex Automotive MOSFET and IGBT Gate Drivers Sales, Revenue, Price and Gross Margin (2020-2025)
13.15.4 Powerex Main Business Overview
13.15.5 Powerex Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

Table 1. Automotive MOSFET and IGBT Gate Drivers Annual Sales CAGR by Geographic Region (2020, 2024 & 2031) & ($ millions)
Table 2. Automotive MOSFET and IGBT Gate Drivers Annual Sales CAGR by Country/Region (2020, 2024 & 2031) & ($ millions)
Table 3. Major Players of Single Channel Gate Drivers
Table 4. Major Players of Half-bridge Gate Drivers
Table 5. Major Players of Full Bridge Gate Drivers
Table 6. Major Players of Three Phase Gate Drivers
Table 7. Major Players of Others
Table 8. Global Automotive MOSFET and IGBT Gate Drivers Sales by Type (2020-2025) & (K Units)
Table 9. Global Automotive MOSFET and IGBT Gate Drivers Sales Market Share by Type (2020-2025)
Table 10. Global Automotive MOSFET and IGBT Gate Drivers Revenue by Type (2020-2025) & ($ million)
Table 11. Global Automotive MOSFET and IGBT Gate Drivers Revenue Market Share by Type (2020-2025)
Table 12. Global Automotive MOSFET and IGBT Gate Drivers Sale Price by Type (2020-2025) & (US$/Unit)
Table 13. Global Automotive MOSFET and IGBT Gate Drivers Sale by Application (2020-2025) & (K Units)
Table 14. Global Automotive MOSFET and IGBT Gate Drivers Sale Market Share by Application (2020-2025)
Table 15. Global Automotive MOSFET and IGBT Gate Drivers Revenue by Application (2020-2025) & ($ million)
Table 16. Global Automotive MOSFET and IGBT Gate Drivers Revenue Market Share by Application (2020-2025)
Table 17. Global Automotive MOSFET and IGBT Gate Drivers Sale Price by Application (2020-2025) & (US$/Unit)
Table 18. Global Automotive MOSFET and IGBT Gate Drivers Sales by Company (2020-2025) & (K Units)
Table 19. Global Automotive MOSFET and IGBT Gate Drivers Sales Market Share by Company (2020-2025)
Table 20. Global Automotive MOSFET and IGBT Gate Drivers Revenue by Company (2020-2025) & ($ millions)

+357 96 030922
info@marketpublishers.com

Table 21. Global Automotive MOSFET and IGBT Gate Drivers Revenue Market Share by Company (2020-2025)
Table 22. Global Automotive MOSFET and IGBT Gate Drivers Sale Price by Company (2020-2025) & (US$/Unit)
Table 23. Key Manufacturers Automotive MOSFET and IGBT Gate Drivers Producing Area Distribution and Sales Area
Table 24. Players Automotive MOSFET and IGBT Gate Drivers Products Offered
Table 25. Automotive MOSFET and IGBT Gate Drivers Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)
Table 26. New Products and Potential Entrants
Table 27. Market M&A Activity & Strategy
Table 28. Global Automotive MOSFET and IGBT Gate Drivers Sales by Geographic Region (2020-2025) & (K Units)
Table 29. Global Automotive MOSFET and IGBT Gate Drivers Sales Market Share Geographic Region (2020-2025)
Table 30. Global Automotive MOSFET and IGBT Gate Drivers Revenue by Geographic Region (2020-2025) & ($ millions)
Table 31. Global Automotive MOSFET and IGBT Gate Drivers Revenue Market Share by Geographic Region (2020-2025)
Table 32. Global Automotive MOSFET and IGBT Gate Drivers Sales by Country/Region (2020-2025) & (K Units)
Table 33. Global Automotive MOSFET and IGBT Gate Drivers Sales Market Share by Country/Region (2020-2025)
Table 34. Global Automotive MOSFET and IGBT Gate Drivers Revenue by Country/Region (2020-2025) & ($ millions)
Table 35. Global Automotive MOSFET and IGBT Gate Drivers Revenue Market Share by Country/Region (2020-2025)
Table 36. Americas Automotive MOSFET and IGBT Gate Drivers Sales by Country (2020-2025) & (K Units)
Table 37. Americas Automotive MOSFET and IGBT Gate Drivers Sales Market Share by Country (2020-2025)
Table 38. Americas Automotive MOSFET and IGBT Gate Drivers Revenue by Country (2020-2025) & ($ millions)
Table 39. Americas Automotive MOSFET and IGBT Gate Drivers Sales by Type (2020-2025) & (K Units)
Table 40. Americas Automotive MOSFET and IGBT Gate Drivers Sales by Application (2020-2025) & (K Units)
Table 41. APAC Automotive MOSFET and IGBT Gate Drivers Sales by Region (2020-2025) & (K Units)

+357 96 030922
info@marketpublishers.com

Table 42. APAC Automotive MOSFET and IGBT Gate Drivers Sales Market Share by Region (2020-2025)
Table 43. APAC Automotive MOSFET and IGBT Gate Drivers Revenue by Region (2020-2025) & ($ millions)
Table 44. APAC Automotive MOSFET and IGBT Gate Drivers Sales by Type (2020-2025) & (K Units)
Table 45. APAC Automotive MOSFET and IGBT Gate Drivers Sales by Application (2020-2025) & (K Units)
Table 46. Europe Automotive MOSFET and IGBT Gate Drivers Sales by Country (2020-2025) & (K Units)
Table 47. Europe Automotive MOSFET and IGBT Gate Drivers Revenue by Country (2020-2025) & ($ millions)
Table 48. Europe Automotive MOSFET and IGBT Gate Drivers Sales by Type (2020-2025) & (K Units)
Table 49. Europe Automotive MOSFET and IGBT Gate Drivers Sales by Application (2020-2025) & (K Units)
Table 50. Middle East & Africa Automotive MOSFET and IGBT Gate Drivers Sales by Country (2020-2025) & (K Units)
Table 51. Middle East & Africa Automotive MOSFET and IGBT Gate Drivers Revenue Market Share by Country (2020-2025)
Table 52. Middle East & Africa Automotive MOSFET and IGBT Gate Drivers Sales by Type (2020-2025) & (K Units)
Table 53. Middle East & Africa Automotive MOSFET and IGBT Gate Drivers Sales by Application (2020-2025) & (K Units)
Table 54. Key Market Drivers & Growth Opportunities of Automotive MOSFET and IGBT Gate Drivers
Table 55. Key Market Challenges & Risks of Automotive MOSFET and IGBT Gate Drivers
Table 56. Key Industry Trends of Automotive MOSFET and IGBT Gate Drivers
Table 57. Automotive MOSFET and IGBT Gate Drivers Raw Material
Table 58. Key Suppliers of Raw Materials
Table 59. Automotive MOSFET and IGBT Gate Drivers Distributors List
Table 60. Automotive MOSFET and IGBT Gate Drivers Customer List
Table 61. Global Automotive MOSFET and IGBT Gate Drivers Sales Forecast by Region (2026-2031) & (K Units)
Table 62. Global Automotive MOSFET and IGBT Gate Drivers Revenue Forecast by Region (2026-2031) & ($ millions)
Table 63. Americas Automotive MOSFET and IGBT Gate Drivers Sales Forecast by Country (2026-2031) & (K Units)

+357 96 030922
info@marketpublishers.com

Table 64. Americas Automotive MOSFET and IGBT Gate Drivers Annual Revenue Forecast by Country (2026-2031) & ($ millions)
Table 65. APAC Automotive MOSFET and IGBT Gate Drivers Sales Forecast by Region (2026-2031) & (K Units)
Table 66. APAC Automotive MOSFET and IGBT Gate Drivers Annual Revenue Forecast by Region (2026-2031) & ($ millions)
Table 67. Europe Automotive MOSFET and IGBT Gate Drivers Sales Forecast by Country (2026-2031) & (K Units)
Table 68. Europe Automotive MOSFET and IGBT Gate Drivers Revenue Forecast by Country (2026-2031) & ($ millions)
Table 69. Middle East & Africa Automotive MOSFET and IGBT Gate Drivers Sales Forecast by Country (2026-2031) & (K Units)
Table 70. Middle East & Africa Automotive MOSFET and IGBT Gate Drivers Revenue Forecast by Country (2026-2031) & ($ millions)
Table 71. Global Automotive MOSFET and IGBT Gate Drivers Sales Forecast by Type (2026-2031) & (K Units)
Table 72. Global Automotive MOSFET and IGBT Gate Drivers Revenue Forecast by Type (2026-2031) & ($ millions)
Table 73. Global Automotive MOSFET and IGBT Gate Drivers Sales Forecast by Application (2026-2031) & (K Units)
Table 74. Global Automotive MOSFET and IGBT Gate Drivers Revenue Forecast by Application (2026-2031) & ($ millions)
Table 75. Infineon Technologies Basic Information, Automotive MOSFET and IGBT Gate Drivers Manufacturing Base, Sales Area and Its Competitors
Table 76. Infineon Technologies Automotive MOSFET and IGBT Gate Drivers Product Portfolios and Specifications
Table 77. Infineon Technologies Automotive MOSFET and IGBT Gate Drivers Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 78. Infineon Technologies Main Business
Table 79. Infineon Technologies Latest Developments
Table 80. ON Semiconductor Basic Information, Automotive MOSFET and IGBT Gate Drivers Manufacturing Base, Sales Area and Its Competitors
Table 81. ON Semiconductor Automotive MOSFET and IGBT Gate Drivers Product Portfolios and Specifications
Table 82. ON Semiconductor Automotive MOSFET and IGBT Gate Drivers Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 83. ON Semiconductor Main Business
Table 84. ON Semiconductor Latest Developments
Table 85. STMicroelectronics Basic Information, Automotive MOSFET and IGBT Gate

+357 96 030922
info@marketpublishers.com

Drivers Manufacturing Base, Sales Area and Its Competitors
Table 86. STMicroelectronics Automotive MOSFET and IGBT Gate Drivers Product Portfolios and Specifications
Table 87. STMicroelectronics Automotive MOSFET and IGBT Gate Drivers Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 88. STMicroelectronics Main Business
Table 89. STMicroelectronics Latest Developments
Table 90. ROHM Semiconductor Basic Information, Automotive MOSFET and IGBT Gate Drivers Manufacturing Base, Sales Area and Its Competitors
Table 91. ROHM Semiconductor Automotive MOSFET and IGBT Gate Drivers Product Portfolios and Specifications
Table 92. ROHM Semiconductor Automotive MOSFET and IGBT Gate Drivers Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 93. ROHM Semiconductor Main Business
Table 94. ROHM Semiconductor Latest Developments
Table 95. NXP Semiconductors Basic Information, Automotive MOSFET and IGBT Gate Drivers Manufacturing Base, Sales Area and Its Competitors
Table 96. NXP Semiconductors Automotive MOSFET and IGBT Gate Drivers Product Portfolios and Specifications
Table 97. NXP Semiconductors Automotive MOSFET and IGBT Gate Drivers Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 98. NXP Semiconductors Main Business
Table 99. NXP Semiconductors Latest Developments
Table 100. Texas Instruments Basic Information, Automotive MOSFET and IGBT Gate Drivers Manufacturing Base, Sales Area and Its Competitors
Table 101. Texas Instruments Automotive MOSFET and IGBT Gate Drivers Product Portfolios and Specifications
Table 102. Texas Instruments Automotive MOSFET and IGBT Gate Drivers Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 103. Texas Instruments Main Business
Table 104. Texas Instruments Latest Developments
Table 105. Microchip Basic Information, Automotive MOSFET and IGBT Gate Drivers Manufacturing Base, Sales Area and Its Competitors
Table 106. Microchip Automotive MOSFET and IGBT Gate Drivers Product Portfolios and Specifications
Table 107. Microchip Automotive MOSFET and IGBT Gate Drivers Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 108. Microchip Main Business
Table 109. Microchip Latest Developments

+357 96 030922
info@marketpublishers.com

Table 110. Power Integrations, Inc. Basic Information, Automotive MOSFET and IGBT Gate Drivers Manufacturing Base, Sales Area and Its Competitors
Table 111. Power Integrations, Inc. Automotive MOSFET and IGBT Gate Drivers Product Portfolios and Specifications
Table 112. Power Integrations, Inc. Automotive MOSFET and IGBT Gate Drivers Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 113. Power Integrations, Inc. Main Business
Table 114. Power Integrations, Inc. Latest Developments
Table 115. Vishay Basic Information, Automotive MOSFET and IGBT Gate Drivers Manufacturing Base, Sales Area and Its Competitors
Table 116. Vishay Automotive MOSFET and IGBT Gate Drivers Product Portfolios and Specifications
Table 117. Vishay Automotive MOSFET and IGBT Gate Drivers Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 118. Vishay Main Business
Table 119. Vishay Latest Developments
Table 120. Broadcom Basic Information, Automotive MOSFET and IGBT Gate Drivers Manufacturing Base, Sales Area and Its Competitors
Table 121. Broadcom Automotive MOSFET and IGBT Gate Drivers Product Portfolios and Specifications
Table 122. Broadcom Automotive MOSFET and IGBT Gate Drivers Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 123. Broadcom Main Business
Table 124. Broadcom Latest Developments
Table 125. Analog Devices Basic Information, Automotive MOSFET and IGBT Gate Drivers Manufacturing Base, Sales Area and Its Competitors
Table 126. Analog Devices Automotive MOSFET and IGBT Gate Drivers Product Portfolios and Specifications
Table 127. Analog Devices Automotive MOSFET and IGBT Gate Drivers Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 128. Analog Devices Main Business
Table 129. Analog Devices Latest Developments
Table 130. IXYS Basic Information, Automotive MOSFET and IGBT Gate Drivers Manufacturing Base, Sales Area and Its Competitors
Table 131. IXYS Automotive MOSFET and IGBT Gate Drivers Product Portfolios and Specifications
Table 132. IXYS Automotive MOSFET and IGBT Gate Drivers Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 133. IXYS Main Business

+357 96 030922
info@marketpublishers.com

Table 134. IXYS Latest Developments
Table 135. Toshiba Basic Information, Automotive MOSFET and IGBT Gate Drivers Manufacturing Base, Sales Area and Its Competitors
Table 136. Toshiba Automotive MOSFET and IGBT Gate Drivers Product Portfolios and Specifications
Table 137. Toshiba Automotive MOSFET and IGBT Gate Drivers Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 138. Toshiba Main Business
Table 139. Toshiba Latest Developments
Table 140. Renesas Basic Information, Automotive MOSFET and IGBT Gate Drivers Manufacturing Base, Sales Area and Its Competitors
Table 141. Renesas Automotive MOSFET and IGBT Gate Drivers Product Portfolios and Specifications
Table 142. Renesas Automotive MOSFET and IGBT Gate Drivers Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 143. Renesas Main Business
Table 144. Renesas Latest Developments
Table 145. Powerex Basic Information, Automotive MOSFET and IGBT Gate Drivers Manufacturing Base, Sales Area and Its Competitors
Table 146. Powerex Automotive MOSFET and IGBT Gate Drivers Product Portfolios and Specifications
Table 147. Powerex Automotive MOSFET and IGBT Gate Drivers Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2020-2025)
Table 148. Powerex Main Business
Table 149. Powerex Latest Developments

+357 96 030922
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

Figure 1. Picture of Automotive MOSFET and IGBT Gate Drivers
Figure 2. Automotive MOSFET and IGBT Gate Drivers Report Years Considered
Figure 3. Research Objectives
Figure 4. Research Methodology
Figure 5. Research Process and Data Source
Figure 6. Global Automotive MOSFET and IGBT Gate Drivers Sales Growth Rate 2020-2031 (K Units)
Figure 7. Global Automotive MOSFET and IGBT Gate Drivers Revenue Growth Rate 2020-2031 ($ millions)
Figure 8. Automotive MOSFET and IGBT Gate Drivers Sales by Geographic Region (2020, 2024 & 2031) & ($ millions)
Figure 9. Automotive MOSFET and IGBT Gate Drivers Sales Market Share by Country/Region (2024)
Figure 10. Automotive MOSFET and IGBT Gate Drivers Sales Market Share by Country/Region (2020, 2024 & 2031)
Figure 11. Product Picture of Single Channel Gate Drivers
Figure 12. Product Picture of Half-bridge Gate Drivers
Figure 13. Product Picture of Full Bridge Gate Drivers
Figure 14. Product Picture of Three Phase Gate Drivers
Figure 15. Product Picture of Others
Figure 16. Global Automotive MOSFET and IGBT Gate Drivers Sales Market Share by Type in 2025
Figure 17. Global Automotive MOSFET and IGBT Gate Drivers Revenue Market Share by Type (2020-2025)
Figure 18. Automotive MOSFET and IGBT Gate Drivers Consumed in Commercial Vehicle
Figure 19. Global Automotive MOSFET and IGBT Gate Drivers Market: Commercial Vehicle (2020-2025) & (K Units)
Figure 20. Automotive MOSFET and IGBT Gate Drivers Consumed in Passenger Car
Figure 21. Global Automotive MOSFET and IGBT Gate Drivers Market: Passenger Car (2020-2025) & (K Units)
Figure 22. Global Automotive MOSFET and IGBT Gate Drivers Sale Market Share by Application (2024)
Figure 23. Global Automotive MOSFET and IGBT Gate Drivers Revenue Market Share by Application in 2025

+357 96 030922
info@marketpublishers.com

Figure 24. Automotive MOSFET and IGBT Gate Drivers Sales by Company in 2025 (K Units)
Figure 25. Global Automotive MOSFET and IGBT Gate Drivers Sales Market Share by Company in 2025
Figure 26. Automotive MOSFET and IGBT Gate Drivers Revenue by Company in 2025 ($ millions)
Figure 27. Global Automotive MOSFET and IGBT Gate Drivers Revenue Market Share by Company in 2025
Figure 28. Global Automotive MOSFET and IGBT Gate Drivers Sales Market Share by Geographic Region (2020-2025)
Figure 29. Global Automotive MOSFET and IGBT Gate Drivers Revenue Market Share by Geographic Region in 2025
Figure 30. Americas Automotive MOSFET and IGBT Gate Drivers Sales 2020-2025 (K Units)
Figure 31. Americas Automotive MOSFET and IGBT Gate Drivers Revenue 2020-2025 ($ millions)
Figure 32. APAC Automotive MOSFET and IGBT Gate Drivers Sales 2020-2025 (K Units)
Figure 33. APAC Automotive MOSFET and IGBT Gate Drivers Revenue 2020-2025 ($ millions)
Figure 34. Europe Automotive MOSFET and IGBT Gate Drivers Sales 2020-2025 (K Units)
Figure 35. Europe Automotive MOSFET and IGBT Gate Drivers Revenue 2020-2025 ($ millions)
Figure 36. Middle East & Africa Automotive MOSFET and IGBT Gate Drivers Sales 2020-2025 (K Units)
Figure 37. Middle East & Africa Automotive MOSFET and IGBT Gate Drivers Revenue 2020-2025 ($ millions)
Figure 38. Americas Automotive MOSFET and IGBT Gate Drivers Sales Market Share by Country in 2025
Figure 39. Americas Automotive MOSFET and IGBT Gate Drivers Revenue Market Share by Country (2020-2025)
Figure 40. Americas Automotive MOSFET and IGBT Gate Drivers Sales Market Share by Type (2020-2025)
Figure 41. Americas Automotive MOSFET and IGBT Gate Drivers Sales Market Share by Application (2020-2025)
Figure 42. United States Automotive MOSFET and IGBT Gate Drivers Revenue Growth 2020-2025 ($ millions)
Figure 43. Canada Automotive MOSFET and IGBT Gate Drivers Revenue Growth

+357 96 030922
info@marketpublishers.com

2020-2025 ($ millions)
Figure 44. Mexico Automotive MOSFET and IGBT Gate Drivers Revenue Growth 2020-2025 ($ millions)
Figure 45. Brazil Automotive MOSFET and IGBT Gate Drivers Revenue Growth 2020-2025 ($ millions)
Figure 46. APAC Automotive MOSFET and IGBT Gate Drivers Sales Market Share by Region in 2025
Figure 47. APAC Automotive MOSFET and IGBT Gate Drivers Revenue Market Share by Region (2020-2025)
Figure 48. APAC Automotive MOSFET and IGBT Gate Drivers Sales Market Share by Type (2020-2025)
Figure 49. APAC Automotive MOSFET and IGBT Gate Drivers Sales Market Share by Application (2020-2025)
Figure 50. China Automotive MOSFET and IGBT Gate Drivers Revenue Growth 2020-2025 ($ millions)
Figure 51. Japan Automotive MOSFET and IGBT Gate Drivers Revenue Growth 2020-2025 ($ millions)
Figure 52. South Korea Automotive MOSFET and IGBT Gate Drivers Revenue Growth 2020-2025 ($ millions)
Figure 53. Southeast Asia Automotive MOSFET and IGBT Gate Drivers Revenue Growth 2020-2025 ($ millions)
Figure 54. India Automotive MOSFET and IGBT Gate Drivers Revenue Growth 2020-2025 ($ millions)
Figure 55. Australia Automotive MOSFET and IGBT Gate Drivers Revenue Growth 2020-2025 ($ millions)
Figure 56. China Taiwan Automotive MOSFET and IGBT Gate Drivers Revenue Growth 2020-2025 ($ millions)
Figure 57. Europe Automotive MOSFET and IGBT Gate Drivers Sales Market Share by Country in 2025
Figure 58. Europe Automotive MOSFET and IGBT Gate Drivers Revenue Market Share by Country (2020-2025)
Figure 59. Europe Automotive MOSFET and IGBT Gate Drivers Sales Market Share by Type (2020-2025)
Figure 60. Europe Automotive MOSFET and IGBT Gate Drivers Sales Market Share by Application (2020-2025)
Figure 61. Germany Automotive MOSFET and IGBT Gate Drivers Revenue Growth 2020-2025 ($ millions)
Figure 62. France Automotive MOSFET and IGBT Gate Drivers Revenue Growth 2020-2025 ($ millions)

+357 96 030922
info@marketpublishers.com

Figure 63. UK Automotive MOSFET and IGBT Gate Drivers Revenue Growth 2020-2025 ($ millions)
Figure 64. Italy Automotive MOSFET and IGBT Gate Drivers Revenue Growth 2020-2025 ($ millions)
Figure 65. Russia Automotive MOSFET and IGBT Gate Drivers Revenue Growth 2020-2025 ($ millions)
Figure 66. Middle East & Africa Automotive MOSFET and IGBT Gate Drivers Sales Market Share by Country (2020-2025)
Figure 67. Middle East & Africa Automotive MOSFET and IGBT Gate Drivers Sales Market Share by Type (2020-2025)
Figure 68. Middle East & Africa Automotive MOSFET and IGBT Gate Drivers Sales Market Share by Application (2020-2025)
Figure 69. Egypt Automotive MOSFET and IGBT Gate Drivers Revenue Growth 2020-2025 ($ millions)
Figure 70. South Africa Automotive MOSFET and IGBT Gate Drivers Revenue Growth 2020-2025 ($ millions)
Figure 71. Israel Automotive MOSFET and IGBT Gate Drivers Revenue Growth 2020-2025 ($ millions)
Figure 72. Turkey Automotive MOSFET and IGBT Gate Drivers Revenue Growth 2020-2025 ($ millions)
Figure 73. GCC Countries Automotive MOSFET and IGBT Gate Drivers Revenue Growth 2020-2025 ($ millions)
Figure 74. Manufacturing Cost Structure Analysis of Automotive MOSFET and IGBT Gate Drivers in 2025
Figure 75. Manufacturing Process Analysis of Automotive MOSFET and IGBT Gate Drivers
Figure 76. Industry Chain Structure of Automotive MOSFET and IGBT Gate Drivers
Figure 77. Channels of Distribution
Figure 78. Global Automotive MOSFET and IGBT Gate Drivers Sales Market Forecast by Region (2026-2031)
Figure 79. Global Automotive MOSFET and IGBT Gate Drivers Revenue Market Share Forecast by Region (2026-2031)
Figure 80. Global Automotive MOSFET and IGBT Gate Drivers Sales Market Share Forecast by Type (2026-2031)
Figure 81. Global Automotive MOSFET and IGBT Gate Drivers Revenue Market Share Forecast by Type (2026-2031)
Figure 82. Global Automotive MOSFET and IGBT Gate Drivers Sales Market Share Forecast by Application (2026-2031)
Figure 83. Global Automotive MOSFET and IGBT Gate Drivers Revenue Market Share

+357 96 030922
info@marketpublishers.com

Forecast by Application (2026-2031)

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Global Automotive MOSFET and IGBT Gate Drivers Market Growth 2025-2031

Product link: https://marketpublishers.com/r/GD83915858D8EN.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/GD83915858D8EN.html