

Global SiC MOSFET Gate Drivers Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G5F7EEF0CF67EN.html>

Date: January 2026

Pages: 109

Price: US\$ 4,480.00 (Single User License)

ID: G5F7EEF0CF67EN

Abstracts

The global SiC MOSFET Gate Drivers market size is expected to reach \$ 2647 million by 2032, rising at a market growth of 19.6% CAGR during the forecast period (2026-2032).

A SiC MOSFET gate driver is the drive stage that converts a low-power control signal (PWM/logic) into the gate voltage and peak gate current required to switch a silicon-carbide MOSFET fast and safely. Compared with silicon MOSFETs, SiC devices exhibit much higher switching $dv/dt/di/dt$, so SiC-oriented gate drivers emphasize robustness features such as active Miller clamp (to prevent parasitic turn-on), support for negative gate-off voltage, and high immunity to common-mode transients.

Upstream, a SiC gate driver sits between the digital controller (MCU/DSP/FPGA) and the power switch, and typically includes (or requires) an appropriate bias supply (often isolated), gate resistors/RC networks, and protection/monitoring networks. In higher-power designs, short-circuit protection such as DESAT (desaturation) detection is commonly used and must be considered as part of the gate-drive circuitry and its timing/behavior.

Downstream, SiC gate drivers are designed into SiC power stages and modules where they directly impact efficiency, EMI, and reliability through switching-speed control and fault handling. Automotive-grade isolated gate drivers explicitly target EV/HEV traction inverters and power modules, while similar architectures are used in fast chargers, renewable-energy inverters, and industrial drives where high power density and robust protection are critical.

In 2025, global sales of SiC MOSFET gate driver reached approximately 5.5 million units, with an average global market price of around US\$ 128/unit. Production capacity varies significantly among manufacturers, with gross profit margins ranging from approximately 20% to 40%.

The SiC MOSFET gate-driver market is fundamentally powered by the migration of

power electronics toward higher efficiency, higher power density, and faster switching. Compared with silicon devices, SiC switches produce higher dv/dt and demand tighter control of parasitics and noise immunity, so the driver is no longer a simple on/off interface. It becomes a system-critical component that delivers galvanic isolation, robust protection, diagnostics, and controllable switching behavior. In EV traction inverters, onboard chargers, fast chargers, renewable inverters, energy storage converters, and high-end industrial supplies, requirements for high CMTI, accurate gate-voltage control, ultra-fast short-circuit response, and long-life reliability directly raise both the technical bar and the value content of the driver solution.

Product form factors are evolving quickly from discrete drivers to isolated drivers, and increasingly to system-oriented drivers integrating isolated power, sensing (current/temperature), digital interfaces, active Miller clamp, and controlled soft-shutdown strategies. In automotive-grade and functional-safety workflows, customers also expect tighter consistency controls and broader fault-coverage, which pushes suppliers to package silicon with reference designs, EMI/thermal guidance, and validated protection chains. In parallel, co-design between power modules and drivers is strengthening; drivers are more frequently embedded into module/platform architectures, creating stickier solution ecosystems and longer design cycles. Competitive differentiation centers on isolation robustness, transient immunity, protection speed, automotive qualification and reliability evidence, supply continuity, and the depth of application support. As SiC adoption broadens, baseline driver specs will face price pressure, but premium segments reinforced isolation, integrated sensing/protection, and qualification-complete platforms should sustain stronger pricing. Multi-sourcing and localization of supply are also becoming decisive procurement themes, shaping how volumes and share shift among suppliers. This report studies the global SiC MOSFET Gate Drivers production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for SiC MOSFET Gate Drivers and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of SiC MOSFET Gate Drivers that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global SiC MOSFET Gate Drivers total production and demand, 2021-2032, (K Units)

Global SiC MOSFET Gate Drivers total production value, 2021-2032, (USD Million)

Global SiC MOSFET Gate Drivers production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Units), (based on production site)

Global SiC MOSFET Gate Drivers consumption by region & country, CAGR, 2021-2032 & (K Units)

U.S. VS China: SiC MOSFET Gate Drivers domestic production, consumption, key domestic manufacturers and share

Global SiC MOSFET Gate Drivers production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Units)

Global SiC MOSFET Gate Drivers production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

Global SiC MOSFET Gate Drivers production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

This report profiles key players in the global SiC MOSFET Gate Drivers market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Infineon, STMicroelectronics, onsemi, Wolfspeed, ROHM, Power Integrations, NXP, Microchip Technology, Texas Instruments, Skyworks, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World SiC MOSFET Gate Drivers market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global SiC MOSFET Gate Drivers Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global SiC MOSFET Gate Drivers Market, Segmentation by Type:

Galvanically Isolated Gate Driver

Non-Isolated Gate Driver

Global SiC MOSFET Gate Drivers Market, Segmentation by Channel:

Single-Channel

Dual-Channel

Multi-Channel

Global SiC MOSFET Gate Drivers Market, Segmentation by Gate Bias Scheme:

Unipolar Gate Drive

Bipolar Gate Drive

Active Gate Control

Global SiC MOSFET Gate Drivers Market, Segmentation by Application:

Automotive

Photovoltaics

Other

Companies Profiled:

Global SiC MOSFET Gate Drivers Supply, Demand and Key Producers, 2026-2032

Infineon

STMicroelectronics

onsemi

Wolfspeed

ROHM

Power Integrations

NXP

Microchip Technology

Texas Instruments

Skyworks

Key Questions Answered:

1. How big is the global SiC MOSFET Gate Drivers market?
2. What is the demand of the global SiC MOSFET Gate Drivers market?
3. What is the year over year growth of the global SiC MOSFET Gate Drivers market?
4. What is the production and production value of the global SiC MOSFET Gate Drivers market?
5. Who are the key producers in the global SiC MOSFET Gate Drivers market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 SiC MOSFET Gate Drivers Introduction
- 1.2 World SiC MOSFET Gate Drivers Supply & Forecast
 - 1.2.1 World SiC MOSFET Gate Drivers Production Value (2021 & 2025 & 2032)
 - 1.2.2 World SiC MOSFET Gate Drivers Production (2021-2032)
 - 1.2.3 World SiC MOSFET Gate Drivers Pricing Trends (2021-2032)
- 1.3 World SiC MOSFET Gate Drivers Production by Region (Based on Production Site)
 - 1.3.1 World SiC MOSFET Gate Drivers Production Value by Region (2021-2032)
 - 1.3.2 World SiC MOSFET Gate Drivers Production by Region (2021-2032)
 - 1.3.3 World SiC MOSFET Gate Drivers Average Price by Region (2021-2032)
 - 1.3.4 North America SiC MOSFET Gate Drivers Production (2021-2032)
 - 1.3.5 Europe SiC MOSFET Gate Drivers Production (2021-2032)
 - 1.3.6 China SiC MOSFET Gate Drivers Production (2021-2032)
 - 1.3.7 Japan SiC MOSFET Gate Drivers Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 SiC MOSFET Gate Drivers Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 SiC MOSFET Gate Drivers Major Market Trends

2 DEMAND SUMMARY

- 2.1 World SiC MOSFET Gate Drivers Demand (2021-2032)
- 2.2 World SiC MOSFET Gate Drivers Consumption by Region
 - 2.2.1 World SiC MOSFET Gate Drivers Consumption by Region (2021-2026)
 - 2.2.2 World SiC MOSFET Gate Drivers Consumption Forecast by Region (2027-2032)
- 2.3 United States SiC MOSFET Gate Drivers Consumption (2021-2032)
- 2.4 China SiC MOSFET Gate Drivers Consumption (2021-2032)
- 2.5 Europe SiC MOSFET Gate Drivers Consumption (2021-2032)
- 2.6 Japan SiC MOSFET Gate Drivers Consumption (2021-2032)
- 2.7 South Korea SiC MOSFET Gate Drivers Consumption (2021-2032)
- 2.8 ASEAN SiC MOSFET Gate Drivers Consumption (2021-2032)
- 2.9 India SiC MOSFET Gate Drivers Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World SiC MOSFET Gate Drivers Production Value by Manufacturer (2021-2026)

- 3.2 World SiC MOSFET Gate Drivers Production by Manufacturer (2021-2026)
- 3.3 World SiC MOSFET Gate Drivers Average Price by Manufacturer (2021-2026)
- 3.4 SiC MOSFET Gate Drivers Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global SiC MOSFET Gate Drivers Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for SiC MOSFET Gate Drivers in 2025
 - 3.5.3 Global Concentration Ratios (CR8) for SiC MOSFET Gate Drivers in 2025
- 3.6 SiC MOSFET Gate Drivers Market: Overall Company Footprint Analysis
 - 3.6.1 SiC MOSFET Gate Drivers Market: Region Footprint
 - 3.6.2 SiC MOSFET Gate Drivers Market: Company Product Type Footprint
 - 3.6.3 SiC MOSFET Gate Drivers Market: Company Product Application Footprint
- 3.7 Competitive Environment
 - 3.7.1 Historical Structure of the Industry
 - 3.7.2 Barriers of Market Entry
 - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

- 4.1 United States VS China: SiC MOSFET Gate Drivers Production Value Comparison
 - 4.1.1 United States VS China: SiC MOSFET Gate Drivers Production Value Comparison (2021 & 2025 & 2032)
 - 4.1.2 United States VS China: SiC MOSFET Gate Drivers Production Value Market Share Comparison (2021 & 2025 & 2032)
- 4.2 United States VS China: SiC MOSFET Gate Drivers Production Comparison
 - 4.2.1 United States VS China: SiC MOSFET Gate Drivers Production Comparison (2021 & 2025 & 2032)
 - 4.2.2 United States VS China: SiC MOSFET Gate Drivers Production Market Share Comparison (2021 & 2025 & 2032)
- 4.3 United States VS China: SiC MOSFET Gate Drivers Consumption Comparison
 - 4.3.1 United States VS China: SiC MOSFET Gate Drivers Consumption Comparison (2021 & 2025 & 2032)
 - 4.3.2 United States VS China: SiC MOSFET Gate Drivers Consumption Market Share Comparison (2021 & 2025 & 2032)
- 4.4 United States Based SiC MOSFET Gate Drivers Manufacturers and Market Share, 2021-2026
 - 4.4.1 United States Based SiC MOSFET Gate Drivers Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers SiC MOSFET Gate Drivers Production Value (2021-2026)

4.4.3 United States Based Manufacturers SiC MOSFET Gate Drivers Production (2021-2026)

4.5 China Based SiC MOSFET Gate Drivers Manufacturers and Market Share

4.5.1 China Based SiC MOSFET Gate Drivers Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers SiC MOSFET Gate Drivers Production Value (2021-2026)

4.5.3 China Based Manufacturers SiC MOSFET Gate Drivers Production (2021-2026)

4.6 Rest of World Based SiC MOSFET Gate Drivers Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based SiC MOSFET Gate Drivers Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers SiC MOSFET Gate Drivers Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers SiC MOSFET Gate Drivers Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World SiC MOSFET Gate Drivers Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Galvanically Isolated Gate Driver

5.2.2 Non-Isolated Gate Driver

5.3 Market Segment by Type

5.3.1 World SiC MOSFET Gate Drivers Production by Type (2021-2032)

5.3.2 World SiC MOSFET Gate Drivers Production Value by Type (2021-2032)

5.3.3 World SiC MOSFET Gate Drivers Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY CHANNEL

6.1 World SiC MOSFET Gate Drivers Market Size Overview by Channel: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Channel

6.2.1 Single-Channel

6.2.2 Dual-Channel

6.2.3 Multi-Channel

6.3 Market Segment by Channel

6.3.1 World SiC MOSFET Gate Drivers Production by Channel (2021-2032)

6.3.2 World SiC MOSFET Gate Drivers Production Value by Channel (2021-2032)

6.3.3 World SiC MOSFET Gate Drivers Average Price by Channel (2021-2032)

7 MARKET ANALYSIS BY GATE BIAS SCHEME

7.1 World SiC MOSFET Gate Drivers Market Size Overview by Gate Bias Scheme: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Gate Bias Scheme

7.2.1 Unipolar Gate Drive

7.2.2 Bipolar Gate Drive

7.2.3 Active Gate Control

7.3 Market Segment by Gate Bias Scheme

7.3.1 World SiC MOSFET Gate Drivers Production by Gate Bias Scheme (2021-2032)

7.3.2 World SiC MOSFET Gate Drivers Production Value by Gate Bias Scheme (2021-2032)

7.3.3 World SiC MOSFET Gate Drivers Average Price by Gate Bias Scheme (2021-2032)

8 MARKET ANALYSIS BY APPLICATION

8.1 World SiC MOSFET Gate Drivers Market Size Overview by Application: 2021 VS 2025 VS 2032

8.2 Segment Introduction by Application

8.2.1 Automotive

8.2.2 Photovoltaics

8.2.3 Other

8.3 Market Segment by Application

8.3.1 World SiC MOSFET Gate Drivers Production by Application (2021-2032)

8.3.2 World SiC MOSFET Gate Drivers Production Value by Application (2021-2032)

8.3.3 World SiC MOSFET Gate Drivers Average Price by Application (2021-2032)

9 COMPANY PROFILES

9.1 Infineon

9.1.1 Infineon Details

9.1.2 Infineon Major Business

9.1.3 Infineon SiC MOSFET Gate Drivers Product and Services

9.1.4 Infineon SiC MOSFET Gate Drivers Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.1.5 Infineon Recent Developments/Updates

9.1.6 Infineon Competitive Strengths & Weaknesses

9.2 STMicroelectronics

9.2.1 STMicroelectronics Details

9.2.2 STMicroelectronics Major Business

9.2.3 STMicroelectronics SiC MOSFET Gate Drivers Product and Services

9.2.4 STMicroelectronics SiC MOSFET Gate Drivers Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.2.5 STMicroelectronics Recent Developments/Updates

9.2.6 STMicroelectronics Competitive Strengths & Weaknesses

9.3 onsemi

9.3.1 onsemi Details

9.3.2 onsemi Major Business

9.3.3 onsemi SiC MOSFET Gate Drivers Product and Services

9.3.4 onsemi SiC MOSFET Gate Drivers Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.3.5 onsemi Recent Developments/Updates

9.3.6 onsemi Competitive Strengths & Weaknesses

9.4 Wolfspeed

9.4.1 Wolfspeed Details

9.4.2 Wolfspeed Major Business

9.4.3 Wolfspeed SiC MOSFET Gate Drivers Product and Services

9.4.4 Wolfspeed SiC MOSFET Gate Drivers Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.4.5 Wolfspeed Recent Developments/Updates

9.4.6 Wolfspeed Competitive Strengths & Weaknesses

9.5 ROHM

9.5.1 ROHM Details

9.5.2 ROHM Major Business

9.5.3 ROHM SiC MOSFET Gate Drivers Product and Services

9.5.4 ROHM SiC MOSFET Gate Drivers Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.5.5 ROHM Recent Developments/Updates

9.5.6 ROHM Competitive Strengths & Weaknesses

9.6 Power Integrations

9.6.1 Power Integrations Details

9.6.2 Power Integrations Major Business

- 9.6.3 Power Integrations SiC MOSFET Gate Drivers Product and Services
- 9.6.4 Power Integrations SiC MOSFET Gate Drivers Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.6.5 Power Integrations Recent Developments/Updates
- 9.6.6 Power Integrations Competitive Strengths & Weaknesses
- 9.7 NXP
 - 9.7.1 NXP Details
 - 9.7.2 NXP Major Business
 - 9.7.3 NXP SiC MOSFET Gate Drivers Product and Services
 - 9.7.4 NXP SiC MOSFET Gate Drivers Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.7.5 NXP Recent Developments/Updates
 - 9.7.6 NXP Competitive Strengths & Weaknesses
- 9.8 Microchip Technology
 - 9.8.1 Microchip Technology Details
 - 9.8.2 Microchip Technology Major Business
 - 9.8.3 Microchip Technology SiC MOSFET Gate Drivers Product and Services
 - 9.8.4 Microchip Technology SiC MOSFET Gate Drivers Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.8.5 Microchip Technology Recent Developments/Updates
 - 9.8.6 Microchip Technology Competitive Strengths & Weaknesses
- 9.9 Texas Instruments
 - 9.9.1 Texas Instruments Details
 - 9.9.2 Texas Instruments Major Business
 - 9.9.3 Texas Instruments SiC MOSFET Gate Drivers Product and Services
 - 9.9.4 Texas Instruments SiC MOSFET Gate Drivers Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.9.5 Texas Instruments Recent Developments/Updates
 - 9.9.6 Texas Instruments Competitive Strengths & Weaknesses
- 9.10 Skyworks
 - 9.10.1 Skyworks Details
 - 9.10.2 Skyworks Major Business
 - 9.10.3 Skyworks SiC MOSFET Gate Drivers Product and Services
 - 9.10.4 Skyworks SiC MOSFET Gate Drivers Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.10.5 Skyworks Recent Developments/Updates
 - 9.10.6 Skyworks Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

- 10.1 SiC MOSFET Gate Drivers Industry Chain
- 10.2 SiC MOSFET Gate Drivers Upstream Analysis
 - 10.2.1 SiC MOSFET Gate Drivers Core Raw Materials
 - 10.2.2 Main Manufacturers of SiC MOSFET Gate Drivers Core Raw Materials
- 10.3 Midstream Analysis
- 10.4 Downstream Analysis
- 10.5 SiC MOSFET Gate Drivers Production Mode
- 10.6 SiC MOSFET Gate Drivers Procurement Model
- 10.7 SiC MOSFET Gate Drivers Industry Sales Model and Sales Channels
 - 10.7.1 SiC MOSFET Gate Drivers Sales Model
 - 10.7.2 SiC MOSFET Gate Drivers Typical Distributors

11 RESEARCH FINDINGS AND CONCLUSION

12 APPENDIX

- 12.1 Methodology
- 12.2 Research Process and Data Source
- 12.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World SiC MOSFET Gate Drivers Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World SiC MOSFET Gate Drivers Production Value by Region (2021-2026) & (USD Million)

Table 3. World SiC MOSFET Gate Drivers Production Value by Region (2027-2032) & (USD Million)

Table 4. World SiC MOSFET Gate Drivers Production Value Market Share by Region (2021-2026)

Table 5. World SiC MOSFET Gate Drivers Production Value Market Share by Region (2027-2032)

Table 6. World SiC MOSFET Gate Drivers Production by Region (2021-2026) & (K Units)

Table 7. World SiC MOSFET Gate Drivers Production by Region (2027-2032) & (K Units)

Table 8. World SiC MOSFET Gate Drivers Production Market Share by Region (2021-2026)

Table 9. World SiC MOSFET Gate Drivers Production Market Share by Region (2027-2032)

Table 10. World SiC MOSFET Gate Drivers Average Price by Region (2021-2026) & (US\$/Unit)

Table 11. World SiC MOSFET Gate Drivers Average Price by Region (2027-2032) & (US\$/Unit)

Table 12. SiC MOSFET Gate Drivers Major Market Trends

Table 13. World SiC MOSFET Gate Drivers Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (K Units)

Table 14. World SiC MOSFET Gate Drivers Consumption by Region (2021-2026) & (K Units)

Table 15. World SiC MOSFET Gate Drivers Consumption Forecast by Region (2027-2032) & (K Units)

Table 16. World SiC MOSFET Gate Drivers Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key SiC MOSFET Gate Drivers Producers in 2025

Table 18. World SiC MOSFET Gate Drivers Production by Manufacturer (2021-2026) & (K Units)

Table 19. Production Market Share of Key SiC MOSFET Gate Drivers Producers in 2025

Table 20. World SiC MOSFET Gate Drivers Average Price by Manufacturer (2021-2026) & (US\$/Unit)

Table 21. Global SiC MOSFET Gate Drivers Company Evaluation Quadrant

Table 22. World SiC MOSFET Gate Drivers Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and SiC MOSFET Gate Drivers Production Site of Key Manufacturer

Table 24. SiC MOSFET Gate Drivers Market: Company Product Type Footprint

Table 25. SiC MOSFET Gate Drivers Market: Company Product Application Footprint

Table 26. SiC MOSFET Gate Drivers Competitive Factors

Table 27. SiC MOSFET Gate Drivers New Entrant and Capacity Expansion Plans

Table 28. SiC MOSFET Gate Drivers Mergers & Acquisitions Activity

Table 29. United States VS China SiC MOSFET Gate Drivers Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China SiC MOSFET Gate Drivers Production Comparison, (2021 & 2025 & 2032) & (K Units)

Table 31. United States VS China SiC MOSFET Gate Drivers Consumption Comparison, (2021 & 2025 & 2032) & (K Units)

Table 32. United States Based SiC MOSFET Gate Drivers Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers SiC MOSFET Gate Drivers Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers SiC MOSFET Gate Drivers Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers SiC MOSFET Gate Drivers Production (2021-2026) & (K Units)

Table 36. United States Based Manufacturers SiC MOSFET Gate Drivers Production Market Share (2021-2026)

Table 37. China Based SiC MOSFET Gate Drivers Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers SiC MOSFET Gate Drivers Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers SiC MOSFET Gate Drivers Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers SiC MOSFET Gate Drivers Production, (2021-2026) & (K Units)

Table 41. China Based Manufacturers SiC MOSFET Gate Drivers Production Market

Share (2021-2026)

Table 42. Rest of World Based SiC MOSFET Gate Drivers Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers SiC MOSFET Gate Drivers Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers SiC MOSFET Gate Drivers Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers SiC MOSFET Gate Drivers Production, (2021-2026) & (K Units)

Table 46. Rest of World Based Manufacturers SiC MOSFET Gate Drivers Production Market Share (2021-2026)

Table 47. World SiC MOSFET Gate Drivers Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World SiC MOSFET Gate Drivers Production by Type (2021-2026) & (K Units)

Table 49. World SiC MOSFET Gate Drivers Production by Type (2027-2032) & (K Units)

Table 50. World SiC MOSFET Gate Drivers Production Value by Type (2021-2026) & (USD Million)

Table 51. World SiC MOSFET Gate Drivers Production Value by Type (2027-2032) & (USD Million)

Table 52. World SiC MOSFET Gate Drivers Average Price by Type (2021-2026) & (US\$/Unit)

Table 53. World SiC MOSFET Gate Drivers Average Price by Type (2027-2032) & (US\$/Unit)

Table 54. World SiC MOSFET Gate Drivers Production Value by Channel, (USD Million), 2021 & 2025 & 2032

Table 55. World SiC MOSFET Gate Drivers Production by Channel (2021-2026) & (K Units)

Table 56. World SiC MOSFET Gate Drivers Production by Channel (2027-2032) & (K Units)

Table 57. World SiC MOSFET Gate Drivers Production Value by Channel (2021-2026) & (USD Million)

Table 58. World SiC MOSFET Gate Drivers Production Value by Channel (2027-2032) & (USD Million)

Table 59. World SiC MOSFET Gate Drivers Average Price by Channel (2021-2026) & (US\$/Unit)

Table 60. World SiC MOSFET Gate Drivers Average Price by Channel (2027-2032) & (US\$/Unit)

Table 61. World SiC MOSFET Gate Drivers Production Value by Gate Bias Scheme, (USD Million), 2021 & 2025 & 2032

Table 62. World SiC MOSFET Gate Drivers Production by Gate Bias Scheme (2021-2026) & (K Units)

Table 63. World SiC MOSFET Gate Drivers Production by Gate Bias Scheme (2027-2032) & (K Units)

Table 64. World SiC MOSFET Gate Drivers Production Value by Gate Bias Scheme (2021-2026) & (USD Million)

Table 65. World SiC MOSFET Gate Drivers Production Value by Gate Bias Scheme (2027-2032) & (USD Million)

Table 66. World SiC MOSFET Gate Drivers Average Price by Gate Bias Scheme (2021-2026) & (US\$/Unit)

Table 67. World SiC MOSFET Gate Drivers Average Price by Gate Bias Scheme (2027-2032) & (US\$/Unit)

Table 68. World SiC MOSFET Gate Drivers Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 69. World SiC MOSFET Gate Drivers Production by Application (2021-2026) & (K Units)

Table 70. World SiC MOSFET Gate Drivers Production by Application (2027-2032) & (K Units)

Table 71. World SiC MOSFET Gate Drivers Production Value by Application (2021-2026) & (USD Million)

Table 72. World SiC MOSFET Gate Drivers Production Value by Application (2027-2032) & (USD Million)

Table 73. World SiC MOSFET Gate Drivers Average Price by Application (2021-2026) & (US\$/Unit)

Table 74. World SiC MOSFET Gate Drivers Average Price by Application (2027-2032) & (US\$/Unit)

Table 75. Infineon Basic Information, Manufacturing Base and Competitors

Table 76. Infineon Major Business

Table 77. Infineon SiC MOSFET Gate Drivers Product and Services

Table 78. Infineon SiC MOSFET Gate Drivers Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 79. Infineon Recent Developments/Updates

Table 80. Infineon Competitive Strengths & Weaknesses

Table 81. STMicroelectronics Basic Information, Manufacturing Base and Competitors

Table 82. STMicroelectronics Major Business

Table 83. STMicroelectronics SiC MOSFET Gate Drivers Product and Services

Table 84. STMicroelectronics SiC MOSFET Gate Drivers Production (K Units), Price

(US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 85. STMicroelectronics Recent Developments/Updates

Table 86. STMicroelectronics Competitive Strengths & Weaknesses

Table 87. onsemi Basic Information, Manufacturing Base and Competitors

Table 88. onsemi Major Business

Table 89. onsemi SiC MOSFET Gate Drivers Product and Services

Table 90. onsemi SiC MOSFET Gate Drivers Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 91. onsemi Recent Developments/Updates

Table 92. onsemi Competitive Strengths & Weaknesses

Table 93. Wolfspeed Basic Information, Manufacturing Base and Competitors

Table 94. Wolfspeed Major Business

Table 95. Wolfspeed SiC MOSFET Gate Drivers Product and Services

Table 96. Wolfspeed SiC MOSFET Gate Drivers Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 97. Wolfspeed Recent Developments/Updates

Table 98. Wolfspeed Competitive Strengths & Weaknesses

Table 99. ROHM Basic Information, Manufacturing Base and Competitors

Table 100. ROHM Major Business

Table 101. ROHM SiC MOSFET Gate Drivers Product and Services

Table 102. ROHM SiC MOSFET Gate Drivers Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 103. ROHM Recent Developments/Updates

Table 104. ROHM Competitive Strengths & Weaknesses

Table 105. Power Integrations Basic Information, Manufacturing Base and Competitors

Table 106. Power Integrations Major Business

Table 107. Power Integrations SiC MOSFET Gate Drivers Product and Services

Table 108. Power Integrations SiC MOSFET Gate Drivers Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 109. Power Integrations Recent Developments/Updates

Table 110. Power Integrations Competitive Strengths & Weaknesses

Table 111. NXP Basic Information, Manufacturing Base and Competitors

Table 112. NXP Major Business

Table 113. NXP SiC MOSFET Gate Drivers Product and Services

Table 114. NXP SiC MOSFET Gate Drivers Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 115. NXP Recent Developments/Updates

Table 116. NXP Competitive Strengths & Weaknesses

Table 117. Microchip Technology Basic Information, Manufacturing Base and Competitors

Table 118. Microchip Technology Major Business

Table 119. Microchip Technology SiC MOSFET Gate Drivers Product and Services

Table 120. Microchip Technology SiC MOSFET Gate Drivers Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 121. Microchip Technology Recent Developments/Updates

Table 122. Microchip Technology Competitive Strengths & Weaknesses

Table 123. Texas Instruments Basic Information, Manufacturing Base and Competitors

Table 124. Texas Instruments Major Business

Table 125. Texas Instruments SiC MOSFET Gate Drivers Product and Services

Table 126. Texas Instruments SiC MOSFET Gate Drivers Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 127. Texas Instruments Recent Developments/Updates

Table 128. Texas Instruments Competitive Strengths & Weaknesses

Table 129. Skyworks Basic Information, Manufacturing Base and Competitors

Table 130. Skyworks Major Business

Table 131. Skyworks SiC MOSFET Gate Drivers Product and Services

Table 132. Skyworks SiC MOSFET Gate Drivers Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 133. Skyworks Recent Developments/Updates

Table 134. Skyworks Competitive Strengths & Weaknesses

Table 135. Global Key Players of SiC MOSFET Gate Drivers Upstream (Raw Materials)

Table 136. Global SiC MOSFET Gate Drivers Typical Customers

Table 137. SiC MOSFET Gate Drivers Typical Distributors

List Of Figures

LIST OF FIGURES

- Figure 1. SiC MOSFET Gate Drivers Picture
- Figure 2. World SiC MOSFET Gate Drivers Production Value: 2021 & 2025 & 2032, (USD Million)
- Figure 3. World SiC MOSFET Gate Drivers Production Value and Forecast (2021-2032) & (USD Million)
- Figure 4. World SiC MOSFET Gate Drivers Production (2021-2032) & (K Units)
- Figure 5. World SiC MOSFET Gate Drivers Average Price (2021-2032) & (US\$/Unit)
- Figure 6. World SiC MOSFET Gate Drivers Production Value Market Share by Region (2021-2032)
- Figure 7. World SiC MOSFET Gate Drivers Production Market Share by Region (2021-2032)
- Figure 8. North America SiC MOSFET Gate Drivers Production (2021-2032) & (K Units)
- Figure 9. Europe SiC MOSFET Gate Drivers Production (2021-2032) & (K Units)
- Figure 10. China SiC MOSFET Gate Drivers Production (2021-2032) & (K Units)
- Figure 11. Japan SiC MOSFET Gate Drivers Production (2021-2032) & (K Units)
- Figure 12. SiC MOSFET Gate Drivers Market Drivers
- Figure 13. Factors Affecting Demand
- Figure 14. World SiC MOSFET Gate Drivers Consumption (2021-2032) & (K Units)
- Figure 15. World SiC MOSFET Gate Drivers Consumption Market Share by Region (2021-2032)
- Figure 16. United States SiC MOSFET Gate Drivers Consumption (2021-2032) & (K Units)
- Figure 17. China SiC MOSFET Gate Drivers Consumption (2021-2032) & (K Units)
- Figure 18. Europe SiC MOSFET Gate Drivers Consumption (2021-2032) & (K Units)
- Figure 19. Japan SiC MOSFET Gate Drivers Consumption (2021-2032) & (K Units)
- Figure 20. South Korea SiC MOSFET Gate Drivers Consumption (2021-2032) & (K Units)
- Figure 21. ASEAN SiC MOSFET Gate Drivers Consumption (2021-2032) & (K Units)
- Figure 22. India SiC MOSFET Gate Drivers Consumption (2021-2032) & (K Units)
- Figure 23. Producer Shipments of SiC MOSFET Gate Drivers by Manufacturer Revenue (\$MM) and Market Share (%): 2025
- Figure 24. Global Four-firm Concentration Ratios (CR4) for SiC MOSFET Gate Drivers Markets in 2025
- Figure 25. Global Four-firm Concentration Ratios (CR8) for SiC MOSFET Gate Drivers Markets in 2025

Figure 26. United States VS China: SiC MOSFET Gate Drivers Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 27. United States VS China: SiC MOSFET Gate Drivers Production Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: SiC MOSFET Gate Drivers Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States Based Manufacturers SiC MOSFET Gate Drivers Production Market Share 2025

Figure 30. China Based Manufacturers SiC MOSFET Gate Drivers Production Market Share 2025

Figure 31. Rest of World Based Manufacturers SiC MOSFET Gate Drivers Production Market Share 2025

Figure 32. World SiC MOSFET Gate Drivers Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 33. World SiC MOSFET Gate Drivers Production Value Market Share by Type in 2025

Figure 34. Galvanically Isolated Gate Driver

Figure 35. Non-Isolated Gate Driver

Figure 36. World SiC MOSFET Gate Drivers Production Market Share by Type (2021-2032)

Figure 37. World SiC MOSFET Gate Drivers Production Value Market Share by Type (2021-2032)

Figure 38. World SiC MOSFET Gate Drivers Average Price by Type (2021-2032) & (US\$/Unit)

Figure 39. World SiC MOSFET Gate Drivers Production Value by Channel, (USD Million), 2021 & 2025 & 2032

Figure 40. World SiC MOSFET Gate Drivers Production Value Market Share by Channel in 2025

Figure 41. Single-Channel

Figure 42. Dual-Channel

Figure 43. Multi-Channel

Figure 44. World SiC MOSFET Gate Drivers Production Market Share by Channel (2021-2032)

Figure 45. World SiC MOSFET Gate Drivers Production Value Market Share by Channel (2021-2032)

Figure 46. World SiC MOSFET Gate Drivers Average Price by Channel (2021-2032) & (US\$/Unit)

Figure 47. World SiC MOSFET Gate Drivers Production Value by Gate Bias Scheme, (USD Million), 2021 & 2025 & 2032

Figure 48. World SiC MOSFET Gate Drivers Production Value Market Share by Gate Bias Scheme in 2025

Figure 49. Unipolar Gate Drive

Figure 50. Bipolar Gate Drive

Figure 51. Active Gate Control

Figure 52. World SiC MOSFET Gate Drivers Production Market Share by Gate Bias Scheme (2021-2032)

Figure 53. World SiC MOSFET Gate Drivers Production Value Market Share by Gate Bias Scheme (2021-2032)

Figure 54. World SiC MOSFET Gate Drivers Average Price by Gate Bias Scheme (2021-2032) & (US\$/Unit)

Figure 55. World SiC MOSFET Gate Drivers Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 56. World SiC MOSFET Gate Drivers Production Value Market Share by Application in 2025

Figure 57. Automotive

Figure 58. Photovoltaics

Figure 59. Other

Figure 60. World SiC MOSFET Gate Drivers Production Market Share by Application (2021-2032)

Figure 61. World SiC MOSFET Gate Drivers Production Value Market Share by Application (2021-2032)

Figure 62. World SiC MOSFET Gate Drivers Average Price by Application (2021-2032) & (US\$/Unit)

Figure 63. SiC MOSFET Gate Drivers Industry Chain

Figure 64. SiC MOSFET Gate Drivers Procurement Model

Figure 65. SiC MOSFET Gate Drivers Sales Model

Figure 66. SiC MOSFET Gate Drivers Sales Channels, Direct Sales, and Distribution

Figure 67. Methodology

Figure 68. Research Process and Data Source

I would like to order

Product name: Global SiC MOSFET Gate Drivers Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/G5F7EEF0CF67EN.html>

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G5F7EEF0CF67EN.html>