

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

<https://marketpublishers.com/r/G16CD95F9B67EN.html>

Date: January 2026

Pages: 103

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

ID: G16CD95F9B67EN

Abstracts

The global SiC MOSFET Gate Drivers ICs market size is expected to reach \$ 1205 million by 2032, rising at a market growth of 19.3% CAGR during the forecast period (2026-2032).

A SiC MOSFET Gate Driver IC is an interface/driver chip that takes a low-power control signal (typically PWM) and delivers the required gate voltage and peak gate current to switch a silicon-carbide MOSFET safely and efficiently. Because SiC devices switch with very fast dv/dt and di/dt , SiC-oriented gate drivers commonly integrate robustness features such as high CMTI, active Miller clamp, negative gate-off capability, and fast protection functions.

Upstream, the gate driver IC sits between the controller (MCU/DSP/FPGA producing PWM) and the power switch, and it depends on supporting components such as an isolated or non-isolated bias supply, bootstrap or isolated DC-DC (if needed), gate resistors/RC networks, and sensing/protection networks.

Downstream, SiC gate driver ICs are designed into power modules and power stages that use SiC MOSFETs?such as traction inverters, onboard chargers, DC fast chargers, solar/storage inverters, and industrial drives?where the driver?s ability to control switching speed/EMI and to protect against short circuits is critical to reliability.

In 2025, global sales of SiC MOSFET Gate Driver IC reached approximately 117 million Pcs, with an average global market price of around US\$ 2.8/Pcs. Production capacity varies significantly among manufacturers, with gross profit margins ranging from approximately 40% to 65%.

SiC MOSFET gate driver ICs are a ?small-but-critical? component in power electronics: they largely determine whether SiC can switch reliably under high dv/dt , high common-mode noise, and elevated temperature, while directly impacting switching loss, EMI, and system robustness. As SiC expands from discrete devices into modules and from industrial power into more demanding traction/fast-charging platforms, customer

requirements evolve from basic drive capability to protection + diagnostics + compliance, including higher CMTI, tighter propagation delay matching, active Miller clamp, DESAT/short-circuit protection, coordinated UVLO/thermal behavior, and co-optimization with isolated power/sensing.

Demand is driven at both ends: rising SiC adoption for higher efficiency and power density, and system-level pressure to reduce validation time and improve functional safety through more integrated, reference-design-ready solutions. For OEMs and Tier suppliers, a gate driver is not merely a cost item?it is an engineering lever that affects platform re-use, tuning effort, and field reliability. In parallel, grid-tied renewables and power-hungry infrastructure (including data-center power) push higher switching frequencies and tighter isolation/packaging, sustaining demand for higher-end isolated drivers.

On the supply side, incumbents with deep analog/isolation know-how and automotive-grade infrastructure remain dominant, but entry opportunities are clear: platformized offerings around specific topologies, voltage classes, qualification targets, and package creepage/clearance constraints?delivered with strong application collateral and manufacturing-grade reliability data. In practice, the moat is not only silicon IP, but also the application knowledge base, failure-mode coverage, EMC/safety co-design capability, and long-term supply assurance?leading to long qualification cycles, high customer stickiness, and competition centered on reliability and system-level performance rather than headline specs alone.

This report studies the global SiC MOSFET Gate Drivers ICs production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for SiC MOSFET Gate Drivers ICs 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 ICs that contribute to its increasing demand across many markets.

Highlights and key features of the study

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

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

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

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

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

Global SiC MOSFET Gate Drivers ICs production by manufacturer, production, price,

value and market share 2021-2026, (USD Million) & (K Pcs)

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

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

This report profiles key players in the global SiC MOSFET Gate Drivers ICs 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, Power Integrations, Texas Instruments, onsemi, Microchip Technology, Littelfuse, Renesas Electronics, ROHM, InventChip Technology, 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 ICs market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Pcs) and average price (US\$/Pcs) 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 ICs Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global SiC MOSFET Gate Drivers ICs Market, Segmentation by Type:

Galvanically Isolated Gate Driver

Non-Isolated Gate Driver

Global SiC MOSFET Gate Drivers ICs Market, Segmentation by Channel:

Single-Channel

Dual-Channel

Multi-Channel

Global SiC MOSFET Gate Drivers ICs Market, Segmentation by Output Drive Strength:

Low-Current Driver

High-Current Driver

Global SiC MOSFET Gate Drivers ICs Market, Segmentation by Application:

Automotive

Photovoltaics

Other

Companies Profiled:

Infineon

STMicroelectronics

Power Integrations

Texas Instruments

onsemi

Microchip Technology

Littelfuse

Renesas Electronics

ROHM

InventChip Technology

Key Questions Answered:

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

Contents

1 SUPPLY SUMMARY

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

2 DEMAND SUMMARY

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

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World SiC MOSFET Gate Drivers ICs Production Value by Manufacturer (2021-2026)
- 3.2 World SiC MOSFET Gate Drivers ICs Production by Manufacturer (2021-2026)
- 3.3 World SiC MOSFET Gate Drivers ICs Average Price by Manufacturer (2021-2026)
- 3.4 SiC MOSFET Gate Drivers ICs Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global SiC MOSFET Gate Drivers ICs Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for SiC MOSFET Gate Drivers ICs in 2025
 - 3.5.3 Global Concentration Ratios (CR8) for SiC MOSFET Gate Drivers ICs in 2025
- 3.6 SiC MOSFET Gate Drivers ICs Market: Overall Company Footprint Analysis
 - 3.6.1 SiC MOSFET Gate Drivers ICs Market: Region Footprint
 - 3.6.2 SiC MOSFET Gate Drivers ICs Market: Company Product Type Footprint
 - 3.6.3 SiC MOSFET Gate Drivers ICs 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 ICs Production Value Comparison
 - 4.1.1 United States VS China: SiC MOSFET Gate Drivers ICs Production Value Comparison (2021 & 2025 & 2032)
 - 4.1.2 United States VS China: SiC MOSFET Gate Drivers ICs Production Value Market Share Comparison (2021 & 2025 & 2032)
- 4.2 United States VS China: SiC MOSFET Gate Drivers ICs Production Comparison
 - 4.2.1 United States VS China: SiC MOSFET Gate Drivers ICs Production Comparison (2021 & 2025 & 2032)
 - 4.2.2 United States VS China: SiC MOSFET Gate Drivers ICs Production Market Share Comparison (2021 & 2025 & 2032)
- 4.3 United States VS China: SiC MOSFET Gate Drivers ICs Consumption Comparison
 - 4.3.1 United States VS China: SiC MOSFET Gate Drivers ICs Consumption Comparison (2021 & 2025 & 2032)
 - 4.3.2 United States VS China: SiC MOSFET Gate Drivers ICs Consumption Market Share Comparison (2021 & 2025 & 2032)

4.4 United States Based SiC MOSFET Gate Drivers ICs Manufacturers and Market Share, 2021-2026

4.4.1 United States Based SiC MOSFET Gate Drivers ICs Manufacturers, Headquarters and Production Site (States, Country)

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

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

4.5 China Based SiC MOSFET Gate Drivers ICs Manufacturers and Market Share

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

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

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

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

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

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

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

5 MARKET ANALYSIS BY TYPE

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

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

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

6 MARKET ANALYSIS BY CHANNEL

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

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

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

7 MARKET ANALYSIS BY OUTPUT DRIVE STRENGTH

7.1 World SiC MOSFET Gate Drivers ICs Market Size Overview by Output Drive Strength: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Output Drive Strength

7.2.1 Low-Current Driver

7.2.2 High-Current Driver

7.3 Market Segment by Output Drive Strength

7.3.1 World SiC MOSFET Gate Drivers ICs Production by Output Drive Strength (2021-2032)

7.3.2 World SiC MOSFET Gate Drivers ICs Production Value by Output Drive Strength (2021-2032)

7.3.3 World SiC MOSFET Gate Drivers ICs Average Price by Output Drive Strength (2021-2032)

8 MARKET ANALYSIS BY APPLICATION

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

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

8.3.3 World SiC MOSFET Gate Drivers ICs 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 ICs Product and Services

9.1.4 Infineon SiC MOSFET Gate Drivers ICs 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 ICs Product and Services

9.2.4 STMicroelectronics SiC MOSFET Gate Drivers ICs 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 Power Integrations

9.3.1 Power Integrations Details

9.3.2 Power Integrations Major Business

9.3.3 Power Integrations SiC MOSFET Gate Drivers ICs Product and Services

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

9.3.5 Power Integrations Recent Developments/Updates

9.3.6 Power Integrations Competitive Strengths & Weaknesses

9.4 Texas Instruments

9.4.1 Texas Instruments Details

9.4.2 Texas Instruments Major Business

9.4.3 Texas Instruments SiC MOSFET Gate Drivers ICs Product and Services

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

9.4.5 Texas Instruments Recent Developments/Updates

9.4.6 Texas Instruments Competitive Strengths & Weaknesses

9.5 onsemi

9.5.1 onsemi Details

9.5.2 onsemi Major Business

9.5.3 onsemi SiC MOSFET Gate Drivers ICs Product and Services

9.5.4 onsemi SiC MOSFET Gate Drivers ICs Production, Price, Value, Gross Margin

and Market Share (2021-2026)

9.5.5 onsemi Recent Developments/Updates

9.5.6 onsemi Competitive Strengths & Weaknesses

9.6 Microchip Technology

9.6.1 Microchip Technology Details

9.6.2 Microchip Technology Major Business

9.6.3 Microchip Technology SiC MOSFET Gate Drivers ICs Product and Services

9.6.4 Microchip Technology SiC MOSFET Gate Drivers ICs Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.6.5 Microchip Technology Recent Developments/Updates

9.6.6 Microchip Technology Competitive Strengths & Weaknesses

9.7 Littelfuse

9.7.1 Littelfuse Details

9.7.2 Littelfuse Major Business

9.7.3 Littelfuse SiC MOSFET Gate Drivers ICs Product and Services

9.7.4 Littelfuse SiC MOSFET Gate Drivers ICs Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.7.5 Littelfuse Recent Developments/Updates

9.7.6 Littelfuse Competitive Strengths & Weaknesses

9.8 Renesas Electronics

9.8.1 Renesas Electronics Details

9.8.2 Renesas Electronics Major Business

9.8.3 Renesas Electronics SiC MOSFET Gate Drivers ICs Product and Services

9.8.4 Renesas Electronics SiC MOSFET Gate Drivers ICs Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.8.5 Renesas Electronics Recent Developments/Updates

9.8.6 Renesas Electronics Competitive Strengths & Weaknesses

9.9 ROHM

9.9.1 ROHM Details

9.9.2 ROHM Major Business

9.9.3 ROHM SiC MOSFET Gate Drivers ICs Product and Services

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

9.9.5 ROHM Recent Developments/Updates

9.9.6 ROHM Competitive Strengths & Weaknesses

9.10 InventChip Technology

9.10.1 InventChip Technology Details

9.10.2 InventChip Technology Major Business

9.10.3 InventChip Technology SiC MOSFET Gate Drivers ICs Product and Services

9.10.4 InventChip Technology SiC MOSFET Gate Drivers ICs Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.10.5 InventChip Technology Recent Developments/Updates

9.10.6 InventChip Technology Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

10.1 SiC MOSFET Gate Drivers ICs Industry Chain

10.2 SiC MOSFET Gate Drivers ICs Upstream Analysis

10.2.1 SiC MOSFET Gate Drivers ICs Core Raw Materials

10.2.2 Main Manufacturers of SiC MOSFET Gate Drivers ICs Core Raw Materials

10.3 Midstream Analysis

10.4 Downstream Analysis

10.5 SiC MOSFET Gate Drivers ICs Production Mode

10.6 SiC MOSFET Gate Drivers ICs Procurement Model

10.7 SiC MOSFET Gate Drivers ICs Industry Sales Model and Sales Channels

10.7.1 SiC MOSFET Gate Drivers ICs Sales Model

10.7.2 SiC MOSFET Gate Drivers ICs 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 ICs Production Value by Region (2021, 2025 and 2032) & (USD Million)

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

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

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

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

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

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

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

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

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

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

Table 12. SiC MOSFET Gate Drivers ICs Major Market Trends

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

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

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

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

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

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

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

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

Table 21. Global SiC MOSFET Gate Drivers ICs Company Evaluation Quadrant

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

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

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

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

Table 26. SiC MOSFET Gate Drivers ICs Competitive Factors

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

Table 28. SiC MOSFET Gate Drivers ICs Mergers & Acquisitions Activity

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

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

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

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

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

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

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

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

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

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

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

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

Table 41. China Based Manufacturers SiC MOSFET Gate Drivers ICs Production Market Share (2021-2026)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Table 60. World SiC MOSFET Gate Drivers ICs Average Price by Channel (2027-2032)

& (US\$/Pcs)

Table 61. World SiC MOSFET Gate Drivers ICs Production Value by Output Drive Strength, (USD Million), 2021 & 2025 & 2032

Table 62. World SiC MOSFET Gate Drivers ICs Production by Output Drive Strength (2021-2026) & (K Pcs)

Table 63. World SiC MOSFET Gate Drivers ICs Production by Output Drive Strength (2027-2032) & (K Pcs)

Table 64. World SiC MOSFET Gate Drivers ICs Production Value by Output Drive Strength (2021-2026) & (USD Million)

Table 65. World SiC MOSFET Gate Drivers ICs Production Value by Output Drive Strength (2027-2032) & (USD Million)

Table 66. World SiC MOSFET Gate Drivers ICs Average Price by Output Drive Strength (2021-2026) & (US\$/Pcs)

Table 67. World SiC MOSFET Gate Drivers ICs Average Price by Output Drive Strength (2027-2032) & (US\$/Pcs)

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

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

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

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

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

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

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

Table 75. Infineon Basic Information, Manufacturing Base and Competitors

Table 76. Infineon Major Business

Table 77. Infineon SiC MOSFET Gate Drivers ICs Product and Services

Table 78. Infineon SiC MOSFET Gate Drivers ICs Production (K Pcs), Price (US\$/Pcs), 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 ICs Product and Services

Table 84. STMicroelectronics SiC MOSFET Gate Drivers ICs Production (K Pcs), Price (US\$/Pcs), 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. Power Integrations Basic Information, Manufacturing Base and Competitors

Table 88. Power Integrations Major Business

Table 89. Power Integrations SiC MOSFET Gate Drivers ICs Product and Services

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

Table 91. Power Integrations Recent Developments/Updates

Table 92. Power Integrations Competitive Strengths & Weaknesses

Table 93. Texas Instruments Basic Information, Manufacturing Base and Competitors

Table 94. Texas Instruments Major Business

Table 95. Texas Instruments SiC MOSFET Gate Drivers ICs Product and Services

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

Table 97. Texas Instruments Recent Developments/Updates

Table 98. Texas Instruments Competitive Strengths & Weaknesses

Table 99. onsemi Basic Information, Manufacturing Base and Competitors

Table 100. onsemi Major Business

Table 101. onsemi SiC MOSFET Gate Drivers ICs Product and Services

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

Table 103. onsemi Recent Developments/Updates

Table 104. onsemi Competitive Strengths & Weaknesses

Table 105. Microchip Technology Basic Information, Manufacturing Base and Competitors

Table 106. Microchip Technology Major Business

Table 107. Microchip Technology SiC MOSFET Gate Drivers ICs Product and Services

Table 108. Microchip Technology SiC MOSFET Gate Drivers ICs Production (K Pcs), Price (US\$/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 109. Microchip Technology Recent Developments/Updates

Table 110. Microchip Technology Competitive Strengths & Weaknesses

Table 111. Littelfuse Basic Information, Manufacturing Base and Competitors

Table 112. Littelfuse Major Business

- Table 113. Littelfuse SiC MOSFET Gate Drivers ICs Product and Services
- Table 114. Littelfuse SiC MOSFET Gate Drivers ICs Production (K Pcs), Price (US\$/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 115. Littelfuse Recent Developments/Updates
- Table 116. Littelfuse Competitive Strengths & Weaknesses
- Table 117. Renesas Electronics Basic Information, Manufacturing Base and Competitors
- Table 118. Renesas Electronics Major Business
- Table 119. Renesas Electronics SiC MOSFET Gate Drivers ICs Product and Services
- Table 120. Renesas Electronics SiC MOSFET Gate Drivers ICs Production (K Pcs), Price (US\$/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 121. Renesas Electronics Recent Developments/Updates
- Table 122. Renesas Electronics Competitive Strengths & Weaknesses
- Table 123. ROHM Basic Information, Manufacturing Base and Competitors
- Table 124. ROHM Major Business
- Table 125. ROHM SiC MOSFET Gate Drivers ICs Product and Services
- Table 126. ROHM SiC MOSFET Gate Drivers ICs Production (K Pcs), Price (US\$/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 127. ROHM Recent Developments/Updates
- Table 128. ROHM Competitive Strengths & Weaknesses
- Table 129. InventChip Technology Basic Information, Manufacturing Base and Competitors
- Table 130. InventChip Technology Major Business
- Table 131. InventChip Technology SiC MOSFET Gate Drivers ICs Product and Services
- Table 132. InventChip Technology SiC MOSFET Gate Drivers ICs Production (K Pcs), Price (US\$/Pcs), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 133. InventChip Technology Recent Developments/Updates
- Table 134. InventChip Technology Competitive Strengths & Weaknesses
- Table 135. Global Key Players of SiC MOSFET Gate Drivers ICs Upstream (Raw Materials)
- Table 136. Global SiC MOSFET Gate Drivers ICs Typical Customers
- Table 137. SiC MOSFET Gate Drivers ICs Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. SiC MOSFET Gate Drivers ICs Picture

Figure 2. World SiC MOSFET Gate Drivers ICs Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World SiC MOSFET Gate Drivers ICs Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World SiC MOSFET Gate Drivers ICs Production (2021-2032) & (K Pcs)

Figure 5. World SiC MOSFET Gate Drivers ICs Average Price (2021-2032) & (US\$/Pcs)

Figure 6. World SiC MOSFET Gate Drivers ICs Production Value Market Share by Region (2021-2032)

Figure 7. World SiC MOSFET Gate Drivers ICs Production Market Share by Region (2021-2032)

Figure 8. North America SiC MOSFET Gate Drivers ICs Production (2021-2032) & (K Pcs)

Figure 9. Europe SiC MOSFET Gate Drivers ICs Production (2021-2032) & (K Pcs)

Figure 10. China SiC MOSFET Gate Drivers ICs Production (2021-2032) & (K Pcs)

Figure 11. Japan SiC MOSFET Gate Drivers ICs Production (2021-2032) & (K Pcs)

Figure 12. SiC MOSFET Gate Drivers ICs Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World SiC MOSFET Gate Drivers ICs Consumption (2021-2032) & (K Pcs)

Figure 15. World SiC MOSFET Gate Drivers ICs Consumption Market Share by Region (2021-2032)

Figure 16. United States SiC MOSFET Gate Drivers ICs Consumption (2021-2032) & (K Pcs)

Figure 17. China SiC MOSFET Gate Drivers ICs Consumption (2021-2032) & (K Pcs)

Figure 18. Europe SiC MOSFET Gate Drivers ICs Consumption (2021-2032) & (K Pcs)

Figure 19. Japan SiC MOSFET Gate Drivers ICs Consumption (2021-2032) & (K Pcs)

Figure 20. South Korea SiC MOSFET Gate Drivers ICs Consumption (2021-2032) & (K Pcs)

Figure 21. ASEAN SiC MOSFET Gate Drivers ICs Consumption (2021-2032) & (K Pcs)

Figure 22. India SiC MOSFET Gate Drivers ICs Consumption (2021-2032) & (K Pcs)

Figure 23. Producer Shipments of SiC MOSFET Gate Drivers ICs by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 24. Global Four-firm Concentration Ratios (CR4) for SiC MOSFET Gate Drivers ICs Markets in 2025

Figure 25. Global Four-firm Concentration Ratios (CR8) for SiC MOSFET Gate Drivers

ICs Markets in 2025

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

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

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

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

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

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

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

Figure 33. World SiC MOSFET Gate Drivers ICs 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 ICs Production Market Share by Type (2021-2032)

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

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

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

Figure 40. World SiC MOSFET Gate Drivers ICs 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 ICs Production Market Share by Channel (2021-2032)

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

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

Figure 47. World SiC MOSFET Gate Drivers ICs Production Value by Output Drive

Strength, (USD Million), 2021 & 2025 & 2032

Figure 48. World SiC MOSFET Gate Drivers ICs Production Value Market Share by Output Drive Strength in 2025

Figure 49. Low-Current Driver

Figure 50. High-Current Driver

Figure 51. World SiC MOSFET Gate Drivers ICs Production Market Share by Output Drive Strength (2021-2032)

Figure 52. World SiC MOSFET Gate Drivers ICs Production Value Market Share by Output Drive Strength (2021-2032)

Figure 53. World SiC MOSFET Gate Drivers ICs Average Price by Output Drive Strength (2021-2032) & (US\$/Pcs)

Figure 54. World SiC MOSFET Gate Drivers ICs Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 55. World SiC MOSFET Gate Drivers ICs Production Value Market Share by Application in 2025

Figure 56. Automotive

Figure 57. Photovoltaics

Figure 58. Other

Figure 59. World SiC MOSFET Gate Drivers ICs Production Market Share by Application (2021-2032)

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

Figure 61. World SiC MOSFET Gate Drivers ICs Average Price by Application (2021-2032) & (US\$/Pcs)

Figure 62. SiC MOSFET Gate Drivers ICs Industry Chain

Figure 63. SiC MOSFET Gate Drivers ICs Procurement Model

Figure 64. SiC MOSFET Gate Drivers ICs Sales Model

Figure 65. SiC MOSFET Gate Drivers ICs Sales Channels, Direct Sales, and Distribution

Figure 66. Methodology

Figure 67. Research Process and Data Source

I would like to order

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

Product link: <https://marketpublishers.com/r/G16CD95F9B67EN.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/G16CD95F9B67EN.html>