

Global Automotive Low-Voltage Si MOSFET Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G4C86741609BEN.html>

Date: June 2026

Pages: 135

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

ID: G4C86741609BEN

Abstracts

The global Automotive Low-Voltage Si MOSFET market size is expected to reach \$ 4214 million by 2032, rising at a market growth of 10.4% CAGR during the forecast period (2026-2032).

Automotive low-voltage Si MOSFETs are automotive-grade silicon power switching devices for 12V, 24V, and 48V vehicle electrical systems. Their core role is to perform motor drive, load switching, synchronous rectification, power conversion, and power distribution with lower conduction loss, higher switching efficiency, and stronger reliability under tight space constraints and harsh automotive conditions such as temperature extremes, vibration, and transient stress. The reviewed product pages show that these devices typically cover the mainstream low-voltage range of about 20V to 100V and are continuously optimized around AEC-Q101 qualification, PPAP readiness, avalanche ruggedness, wettable-flank packages, copper-clip packaging, low gate charge, and low on-resistance in order to balance efficiency, EMI, thermal performance, and manufacturability. Their typical customers are automakers and Tier 1 suppliers, and their main applications include fans, pumps, e-compressors, body control modules, lighting, EPS, ABS, DC-DC converters, bridge drivers, and infotainment systems. Common delivery forms are discrete single, dual, and half-bridge devices, while the prevailing business model centers on automotive platform supply, long-cycle design wins, and serial expansion across package families.

The automotive low-voltage Si MOSFET industry is no longer simply about supplying individual discrete power devices. It has evolved into a platform-based power switching capability built around vehicle low-voltage electrical networks. On the product pages of leading suppliers, 12V, 24V, and 48V systems are consistently presented as the core application buses, while AEC-Q101, PPAP readiness, avalanche ruggedness, low on-

resistance, low gate charge, wettable flanks, and copper-clip packaging appear as common requirements. This shows that the market entry threshold has moved beyond basic parameter compliance toward a broader combination of automotive qualification, system reliability, and manufacturability. For automakers and Tier 1 suppliers, choosing a low-voltage MOSFET is no longer just about selecting a voltage and current rating. It is about selecting a platform device that can support the long-cycle mass production of fans, pumps, e-compressors, bridge drives, DC-DC converters, lighting, EPS, and body control modules. As a result, companies that build complete portfolios across trench process technology, package thermal performance, EMI control, lifecycle visibility, and serial part-number coverage are more likely to win automotive platform programs and sustain longer supply cycles.

On the demand side, the growth logic of this segment does not depend only on battery electric vehicle sales. It is also driven by the rising number of low-voltage loads created by the broader electrification and digitalization of vehicles. On one hand, 48V auxiliary systems continue to push upgrades toward higher-efficiency and higher-power-density low-voltage MOSFETs, sustaining demand for 40V to 100V products in motor drive, power conversion, and power distribution. On the other hand, the increasing number of actuators and control units in ADAS, infotainment, smart cockpits, thermal management, lighting, and body control modules is raising the low-voltage power semiconductor content per vehicle. According to the IEA, global electric car sales exceeded 17 million in 2024 and are expected to exceed 20 million in 2025, with China, Europe, and Southeast Asia remaining key growth markets. This means that whether the vehicle is an EV, a hybrid, or a highly electronic conventional vehicle, automotive low-voltage Si MOSFET shipments are likely to expand as long as the number of in-vehicle motors, pumps, fans, load switches, and DC-DC stages continues to rise.

From the perspective of competition and regional distribution, the current market shows a structure in which established global power semiconductor suppliers remain strong at the high end while domestic and regional players are rapidly filling in. Germany, the United States, Switzerland, Japan, South Korea, the Netherlands, and China host the main suppliers. Leading companies still hold an advantage in high-reliability and platform-level programs thanks to mature process technologies, packaging systems, automotive qualification experience, and global supply chain capabilities. At the same time, Chinese suppliers are increasing their presence in automotive low-voltage MOSFETs by leveraging domestic automotive supply chains, rapid EV expansion, and faster product iteration. On the policy side, the European Union continues to promote clean mobility through CO2 standards for passenger cars and vans, while China has extended and optimized vehicle purchase tax incentives for new energy vehicles. These

policies do not directly subsidize MOSFETs, but they continue to reinforce the broader direction of vehicle electrification, electronicization, and efficiency improvement, thereby creating stable demand for low-voltage power semiconductors. Overall, the industry is likely to maintain a positive growth trajectory over the next few years, with the most attractive opportunities concentrated in 48V systems, body electronics, thermal management, intelligent actuators, and high-density package platforms.

This report studies the global Automotive Low-Voltage Si MOSFET production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Automotive Low-Voltage Si MOSFET 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 Automotive Low-Voltage Si MOSFET that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Automotive Low-Voltage Si MOSFET total production and demand, 2021-2032, (Million Units)

Global Automotive Low-Voltage Si MOSFET total production value, 2021-2032, (USD Million)

Global Automotive Low-Voltage Si MOSFET production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Million Units), (based on production site)

Global Automotive Low-Voltage Si MOSFET consumption by region & country, CAGR, 2021-2032 & (Million Units)

U.S. VS China: Automotive Low-Voltage Si MOSFET domestic production, consumption, key domestic manufacturers and share

Global Automotive Low-Voltage Si MOSFET production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Million Units)

Global Automotive Low-Voltage Si MOSFET production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Million Units)

Global Automotive Low-Voltage Si MOSFET production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Million Units)

This report profiles key players in the global Automotive Low-Voltage Si MOSFET 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, ON Semiconductor, STMicroelectronics, Toshiba, Nexperia, Rohm, Diodes Incorporated, Taiwan

Semiconductor, Vishay Intertechnology, Inc., KEC Corporation, 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 Automotive Low-Voltage Si MOSFET market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Million 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 Automotive Low-Voltage Si MOSFET Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Automotive Low-Voltage Si MOSFET Market, Segmentation by Type:

40V MOSFET

50V MOSFET

60V MOSFET

100V MOSFET

Others

Global Automotive Low-Voltage Si MOSFET Market, Segmentation by Channel Polarity:

N-Channel

P-Channel

Global Automotive Low-Voltage Si MOSFET Market, Segmentation by Package Form:

Small Leadless Package

Wettable-Flank Package

High-Current Power SMD Package

Through-Hole Power Package

Dual Or Half-Bridge Package

Global Automotive Low-Voltage Si MOSFET Market, Segmentation by Application:

Power Drive

Power Control

Companies Profiled:

Infineon

ON Semiconductor

STMicroelectronics

Toshiba

Nexperia

Rohm

Diodes Incorporated

Taiwan Semiconductor

Vishay Intertechnology, Inc.

KEC Corporation

Magnachip Semiconductor Corporation

China Resources Microelectronics Limited

Jiangsu Jiejie Microelectronics Co., Ltd.

Good-Ark Semiconductor Co., Ltd.

Alpha and Omega Semiconductor Limited

Key Questions Answered:

1. How big is the global Automotive Low-Voltage Si MOSFET market?
2. What is the demand of the global Automotive Low-Voltage Si MOSFET market?
3. What is the year over year growth of the global Automotive Low-Voltage Si MOSFET market?
4. What is the production and production value of the global Automotive Low-Voltage Si MOSFET market?
5. Who are the key producers in the global Automotive Low-Voltage Si MOSFET market?

6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

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

2 DEMAND SUMMARY

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

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

3.1 World Automotive Low-Voltage Si MOSFET Production Value by Manufacturer (2021-2026)

3.2 World Automotive Low-Voltage Si MOSFET Production by Manufacturer (2021-2026)

3.3 World Automotive Low-Voltage Si MOSFET Average Price by Manufacturer (2021-2026)

3.4 Automotive Low-Voltage Si MOSFET Company Evaluation Quadrant

3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global Automotive Low-Voltage Si MOSFET Industry Rank of Major Manufacturers

3.5.2 Global Concentration Ratios (CR4) for Automotive Low-Voltage Si MOSFET in 2025

3.5.3 Global Concentration Ratios (CR8) for Automotive Low-Voltage Si MOSFET in 2025

3.6 Automotive Low-Voltage Si MOSFET Market: Overall Company Footprint Analysis

3.6.1 Automotive Low-Voltage Si MOSFET Market: Region Footprint

3.6.2 Automotive Low-Voltage Si MOSFET Market: Company Product Type Footprint

3.6.3 Automotive Low-Voltage Si MOSFET 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: Automotive Low-Voltage Si MOSFET Production Value Comparison

4.1.1 United States VS China: Automotive Low-Voltage Si MOSFET Production Value Comparison (2021 & 2025 & 2032)

4.1.2 United States VS China: Automotive Low-Voltage Si MOSFET Production Value Market Share Comparison (2021 & 2025 & 2032)

4.2 United States VS China: Automotive Low-Voltage Si MOSFET Production Comparison

4.2.1 United States VS China: Automotive Low-Voltage Si MOSFET Production Comparison (2021 & 2025 & 2032)

4.2.2 United States VS China: Automotive Low-Voltage Si MOSFET Production Market Share Comparison (2021 & 2025 & 2032)

4.3 United States VS China: Automotive Low-Voltage Si MOSFET Consumption Comparison

4.3.1 United States VS China: Automotive Low-Voltage Si MOSFET Consumption Comparison (2021 & 2025 & 2032)

4.3.2 United States VS China: Automotive Low-Voltage Si MOSFET Consumption Market Share Comparison (2021 & 2025 & 2032)

4.4 United States Based Automotive Low-Voltage Si MOSFET Manufacturers and Market Share, 2021-2026

4.4.1 United States Based Automotive Low-Voltage Si MOSFET Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Automotive Low-Voltage Si MOSFET Production Value (2021-2026)

4.4.3 United States Based Manufacturers Automotive Low-Voltage Si MOSFET Production (2021-2026)

4.5 China Based Automotive Low-Voltage Si MOSFET Manufacturers and Market Share

4.5.1 China Based Automotive Low-Voltage Si MOSFET Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Automotive Low-Voltage Si MOSFET Production Value (2021-2026)

4.5.3 China Based Manufacturers Automotive Low-Voltage Si MOSFET Production (2021-2026)

4.6 Rest of World Based Automotive Low-Voltage Si MOSFET Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based Automotive Low-Voltage Si MOSFET Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Automotive Low-Voltage Si MOSFET Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers Automotive Low-Voltage Si MOSFET Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World Automotive Low-Voltage Si MOSFET Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 40V MOSFET

5.2.2 50V MOSFET

5.2.3 60V MOSFET

5.2.4 100V MOSFET

5.2.5 Others

5.3 Market Segment by Type

5.3.1 World Automotive Low-Voltage Si MOSFET Production by Type (2021-2032)

5.3.2 World Automotive Low-Voltage Si MOSFET Production Value by Type (2021-2032)

5.3.3 World Automotive Low-Voltage Si MOSFET Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY CHANNEL POLARITY

6.1 World Automotive Low-Voltage Si MOSFET Market Size Overview by Channel Polarity: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Channel Polarity

6.2.1 N-Channel

6.2.2 P-Channel

6.3 Market Segment by Channel Polarity

6.3.1 World Automotive Low-Voltage Si MOSFET Production by Channel Polarity (2021-2032)

6.3.2 World Automotive Low-Voltage Si MOSFET Production Value by Channel Polarity (2021-2032)

6.3.3 World Automotive Low-Voltage Si MOSFET Average Price by Channel Polarity (2021-2032)

7 MARKET ANALYSIS BY PACKAGE FORM

7.1 World Automotive Low-Voltage Si MOSFET Market Size Overview by Package Form: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Package Form

7.2.1 Small Leadless Package

7.2.2 Wettable-Flank Package

7.2.3 High-Current Power SMD Package

7.2.4 Through-Hole Power Package

7.2.5 Dual Or Half-Bridge Package

7.3 Market Segment by Package Form

7.3.1 World Automotive Low-Voltage Si MOSFET Production by Package Form

(2021-2032)

7.3.2 World Automotive Low-Voltage Si MOSFET Production Value by Package Form

(2021-2032)

7.3.3 World Automotive Low-Voltage Si MOSFET Average Price by Package Form

(2021-2032)

8 MARKET ANALYSIS BY APPLICATION

8.1 World Automotive Low-Voltage Si MOSFET Market Size Overview by Application:

2021 VS 2025 VS 2032

8.2 Segment Introduction by Application

8.2.1 Power Drive

8.2.2 Power Control

8.3 Market Segment by Application

8.3.1 World Automotive Low-Voltage Si MOSFET Production by Application

(2021-2032)

8.3.2 World Automotive Low-Voltage Si MOSFET Production Value by Application

(2021-2032)

8.3.3 World Automotive Low-Voltage Si MOSFET 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 Automotive Low-Voltage Si MOSFET Product and Services

9.1.4 Infineon Automotive Low-Voltage Si MOSFET 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 ON Semiconductor

9.2.1 ON Semiconductor Details

9.2.2 ON Semiconductor Major Business

9.2.3 ON Semiconductor Automotive Low-Voltage Si MOSFET Product and Services

9.2.4 ON Semiconductor Automotive Low-Voltage Si MOSFET Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.2.5 ON Semiconductor Recent Developments/Updates

9.2.6 ON Semiconductor Competitive Strengths & Weaknesses

9.3 STMicroelectronics

9.3.1 STMicroelectronics Details

9.3.2 STMicroelectronics Major Business

9.3.3 STMicroelectronics Automotive Low-Voltage Si MOSFET Product and Services

9.3.4 STMicroelectronics Automotive Low-Voltage Si MOSFET Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.3.5 STMicroelectronics Recent Developments/Updates

9.3.6 STMicroelectronics Competitive Strengths & Weaknesses

9.4 Toshiba

9.4.1 Toshiba Details

9.4.2 Toshiba Major Business

9.4.3 Toshiba Automotive Low-Voltage Si MOSFET Product and Services

9.4.4 Toshiba Automotive Low-Voltage Si MOSFET Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.4.5 Toshiba Recent Developments/Updates

9.4.6 Toshiba Competitive Strengths & Weaknesses

9.5 Nexperia

9.5.1 Nexperia Details

9.5.2 Nexperia Major Business

9.5.3 Nexperia Automotive Low-Voltage Si MOSFET Product and Services

9.5.4 Nexperia Automotive Low-Voltage Si MOSFET Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.5.5 Nexperia Recent Developments/Updates

9.5.6 Nexperia Competitive Strengths & Weaknesses

9.6 Rohm

9.6.1 Rohm Details

9.6.2 Rohm Major Business

9.6.3 Rohm Automotive Low-Voltage Si MOSFET Product and Services

9.6.4 Rohm Automotive Low-Voltage Si MOSFET Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.6.5 Rohm Recent Developments/Updates

9.6.6 Rohm Competitive Strengths & Weaknesses

9.7 Diodes Incorporated

9.7.1 Diodes Incorporated Details

9.7.2 Diodes Incorporated Major Business

9.7.3 Diodes Incorporated Automotive Low-Voltage Si MOSFET Product and Services

9.7.4 Diodes Incorporated Automotive Low-Voltage Si MOSFET Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.7.5 Diodes Incorporated Recent Developments/Updates

- 9.7.6 Diodes Incorporated Competitive Strengths & Weaknesses
- 9.8 Taiwan Semiconductor
 - 9.8.1 Taiwan Semiconductor Details
 - 9.8.2 Taiwan Semiconductor Major Business
 - 9.8.3 Taiwan Semiconductor Automotive Low-Voltage Si MOSFET Product and Services
 - 9.8.4 Taiwan Semiconductor Automotive Low-Voltage Si MOSFET Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.8.5 Taiwan Semiconductor Recent Developments/Updates
 - 9.8.6 Taiwan Semiconductor Competitive Strengths & Weaknesses
- 9.9 Vishay Intertechnology, Inc.
 - 9.9.1 Vishay Intertechnology, Inc. Details
 - 9.9.2 Vishay Intertechnology, Inc. Major Business
 - 9.9.3 Vishay Intertechnology, Inc. Automotive Low-Voltage Si MOSFET Product and Services
 - 9.9.4 Vishay Intertechnology, Inc. Automotive Low-Voltage Si MOSFET Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.9.5 Vishay Intertechnology, Inc. Recent Developments/Updates
 - 9.9.6 Vishay Intertechnology, Inc. Competitive Strengths & Weaknesses
- 9.10 KEC Corporation
 - 9.10.1 KEC Corporation Details
 - 9.10.2 KEC Corporation Major Business
 - 9.10.3 KEC Corporation Automotive Low-Voltage Si MOSFET Product and Services
 - 9.10.4 KEC Corporation Automotive Low-Voltage Si MOSFET Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.10.5 KEC Corporation Recent Developments/Updates
 - 9.10.6 KEC Corporation Competitive Strengths & Weaknesses
- 9.11 Magnachip Semiconductor Corporation
 - 9.11.1 Magnachip Semiconductor Corporation Details
 - 9.11.2 Magnachip Semiconductor Corporation Major Business
 - 9.11.3 Magnachip Semiconductor Corporation Automotive Low-Voltage Si MOSFET Product and Services
 - 9.11.4 Magnachip Semiconductor Corporation Automotive Low-Voltage Si MOSFET Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.11.5 Magnachip Semiconductor Corporation Recent Developments/Updates
 - 9.11.6 Magnachip Semiconductor Corporation Competitive Strengths & Weaknesses
- 9.12 China Resources Microelectronics Limited
 - 9.12.1 China Resources Microelectronics Limited Details
 - 9.12.2 China Resources Microelectronics Limited Major Business

- 9.12.3 China Resources Microelectronics Limited Automotive Low-Voltage Si MOSFET Product and Services
- 9.12.4 China Resources Microelectronics Limited Automotive Low-Voltage Si MOSFET Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.12.5 China Resources Microelectronics Limited Recent Developments/Updates
- 9.12.6 China Resources Microelectronics Limited Competitive Strengths & Weaknesses
- 9.13 Jiangsu Jiejie Microelectronics Co., Ltd.
- 9.13.1 Jiangsu Jiejie Microelectronics Co., Ltd. Details
- 9.13.2 Jiangsu Jiejie Microelectronics Co., Ltd. Major Business
- 9.13.3 Jiangsu Jiejie Microelectronics Co., Ltd. Automotive Low-Voltage Si MOSFET Product and Services
- 9.13.4 Jiangsu Jiejie Microelectronics Co., Ltd. Automotive Low-Voltage Si MOSFET Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.13.5 Jiangsu Jiejie Microelectronics Co., Ltd. Recent Developments/Updates
- 9.13.6 Jiangsu Jiejie Microelectronics Co., Ltd. Competitive Strengths & Weaknesses
- 9.14 Good-Ark Semiconductor Co., Ltd.
- 9.14.1 Good-Ark Semiconductor Co., Ltd. Details
- 9.14.2 Good-Ark Semiconductor Co., Ltd. Major Business
- 9.14.3 Good-Ark Semiconductor Co., Ltd. Automotive Low-Voltage Si MOSFET Product and Services
- 9.14.4 Good-Ark Semiconductor Co., Ltd. Automotive Low-Voltage Si MOSFET Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.14.5 Good-Ark Semiconductor Co., Ltd. Recent Developments/Updates
- 9.14.6 Good-Ark Semiconductor Co., Ltd. Competitive Strengths & Weaknesses
- 9.15 Alpha and Omega Semiconductor Limited
- 9.15.1 Alpha and Omega Semiconductor Limited Details
- 9.15.2 Alpha and Omega Semiconductor Limited Major Business
- 9.15.3 Alpha and Omega Semiconductor Limited Automotive Low-Voltage Si MOSFET Product and Services
- 9.15.4 Alpha and Omega Semiconductor Limited Automotive Low-Voltage Si MOSFET Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.15.5 Alpha and Omega Semiconductor Limited Recent Developments/Updates
- 9.15.6 Alpha and Omega Semiconductor Limited Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

- 10.1 Automotive Low-Voltage Si MOSFET Industry Chain
- 10.2 Automotive Low-Voltage Si MOSFET Upstream Analysis
 - 10.2.1 Automotive Low-Voltage Si MOSFET Core Raw Materials

10.2.2 Main Manufacturers of Automotive Low-Voltage Si MOSFET Core Raw Materials

10.3 Midstream Analysis

10.4 Downstream Analysis

10.5 Automotive Low-Voltage Si MOSFET Production Mode

10.6 Automotive Low-Voltage Si MOSFET Procurement Model

10.7 Automotive Low-Voltage Si MOSFET Industry Sales Model and Sales Channels

10.7.1 Automotive Low-Voltage Si MOSFET Sales Model

10.7.2 Automotive Low-Voltage Si MOSFET 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 Automotive Low-Voltage Si MOSFET Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World Automotive Low-Voltage Si MOSFET Production Value by Region (2021-2026) & (USD Million)

Table 3. World Automotive Low-Voltage Si MOSFET Production Value by Region (2027-2032) & (USD Million)

Table 4. World Automotive Low-Voltage Si MOSFET Production Value Market Share by Region (2021-2026)

Table 5. World Automotive Low-Voltage Si MOSFET Production Value Market Share by Region (2027-2032)

Table 6. World Automotive Low-Voltage Si MOSFET Production by Region (2021-2026) & (Million Units)

Table 7. World Automotive Low-Voltage Si MOSFET Production by Region (2027-2032) & (Million Units)

Table 8. World Automotive Low-Voltage Si MOSFET Production Market Share by Region (2021-2026)

Table 9. World Automotive Low-Voltage Si MOSFET Production Market Share by Region (2027-2032)

Table 10. World Automotive Low-Voltage Si MOSFET Average Price by Region (2021-2026) & (US\$/Unit)

Table 11. World Automotive Low-Voltage Si MOSFET Average Price by Region (2027-2032) & (US\$/Unit)

Table 12. Automotive Low-Voltage Si MOSFET Major Market Trends

Table 13. World Automotive Low-Voltage Si MOSFET Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (Million Units)

Table 14. World Automotive Low-Voltage Si MOSFET Consumption by Region (2021-2026) & (Million Units)

Table 15. World Automotive Low-Voltage Si MOSFET Consumption Forecast by Region (2027-2032) & (Million Units)

Table 16. World Automotive Low-Voltage Si MOSFET Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key Automotive Low-Voltage Si MOSFET Producers in 2025

Table 18. World Automotive Low-Voltage Si MOSFET Production by Manufacturer (2021-2026) & (Million Units)

Table 19. Production Market Share of Key Automotive Low-Voltage Si MOSFET Producers in 2025

Table 20. World Automotive Low-Voltage Si MOSFET Average Price by Manufacturer (2021-2026) & (US\$/Unit)

Table 21. Global Automotive Low-Voltage Si MOSFET Company Evaluation Quadrant

Table 22. World Automotive Low-Voltage Si MOSFET Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and Automotive Low-Voltage Si MOSFET Production Site of Key Manufacturer

Table 24. Automotive Low-Voltage Si MOSFET Market: Company Product Type Footprint

Table 25. Automotive Low-Voltage Si MOSFET Market: Company Product Application Footprint

Table 26. Automotive Low-Voltage Si MOSFET Competitive Factors

Table 27. Automotive Low-Voltage Si MOSFET New Entrant and Capacity Expansion Plans

Table 28. Automotive Low-Voltage Si MOSFET Mergers & Acquisitions Activity

Table 29. United States VS China Automotive Low-Voltage Si MOSFET Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China Automotive Low-Voltage Si MOSFET Production Comparison, (2021 & 2025 & 2032) & (Million Units)

Table 31. United States VS China Automotive Low-Voltage Si MOSFET Consumption Comparison, (2021 & 2025 & 2032) & (Million Units)

Table 32. United States Based Automotive Low-Voltage Si MOSFET Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Automotive Low-Voltage Si MOSFET Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers Automotive Low-Voltage Si MOSFET Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers Automotive Low-Voltage Si MOSFET Production (2021-2026) & (Million Units)

Table 36. United States Based Manufacturers Automotive Low-Voltage Si MOSFET Production Market Share (2021-2026)

Table 37. China Based Automotive Low-Voltage Si MOSFET Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Automotive Low-Voltage Si MOSFET Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers Automotive Low-Voltage Si MOSFET Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers Automotive Low-Voltage Si MOSFET Production, (2021-2026) & (Million Units)

Table 41. China Based Manufacturers Automotive Low-Voltage Si MOSFET Production Market Share (2021-2026)

Table 42. Rest of World Based Automotive Low-Voltage Si MOSFET Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers Automotive Low-Voltage Si MOSFET Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers Automotive Low-Voltage Si MOSFET Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers Automotive Low-Voltage Si MOSFET Production, (2021-2026) & (Million Units)

Table 46. Rest of World Based Manufacturers Automotive Low-Voltage Si MOSFET Production Market Share (2021-2026)

Table 47. World Automotive Low-Voltage Si MOSFET Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World Automotive Low-Voltage Si MOSFET Production by Type (2021-2026) & (Million Units)

Table 49. World Automotive Low-Voltage Si MOSFET Production by Type (2027-2032) & (Million Units)

Table 50. World Automotive Low-Voltage Si MOSFET Production Value by Type (2021-2026) & (USD Million)

Table 51. World Automotive Low-Voltage Si MOSFET Production Value by Type (2027-2032) & (USD Million)

Table 52. World Automotive Low-Voltage Si MOSFET Average Price by Type (2021-2026) & (US\$/Unit)

Table 53. World Automotive Low-Voltage Si MOSFET Average Price by Type (2027-2032) & (US\$/Unit)

Table 54. World Automotive Low-Voltage Si MOSFET Production Value by Channel Polarity, (USD Million), 2021 & 2025 & 2032

Table 55. World Automotive Low-Voltage Si MOSFET Production by Channel Polarity (2021-2026) & (Million Units)

Table 56. World Automotive Low-Voltage Si MOSFET Production by Channel Polarity (2027-2032) & (Million Units)

Table 57. World Automotive Low-Voltage Si MOSFET Production Value by Channel Polarity (2021-2026) & (USD Million)

Table 58. World Automotive Low-Voltage Si MOSFET Production Value by Channel Polarity (2027-2032) & (USD Million)

Table 59. World Automotive Low-Voltage Si MOSFET Average Price by Channel

Polarity (2021-2026) & (US\$/Unit)

Table 60. World Automotive Low-Voltage Si MOSFET Average Price by Channel
Polarity (2027-2032) & (US\$/Unit)

Table 61. World Automotive Low-Voltage Si MOSFET Production Value by Package
Form, (USD Million), 2021 & 2025 & 2032

Table 62. World Automotive Low-Voltage Si MOSFET Production by Package Form
(2021-2026) & (Million Units)

Table 63. World Automotive Low-Voltage Si MOSFET Production by Package Form
(2027-2032) & (Million Units)

Table 64. World Automotive Low-Voltage Si MOSFET Production Value by Package
Form (2021-2026) & (USD Million)

Table 65. World Automotive Low-Voltage Si MOSFET Production Value by Package
Form (2027-2032) & (USD Million)

Table 66. World Automotive Low-Voltage Si MOSFET Average Price by Package Form
(2021-2026) & (US\$/Unit)

Table 67. World Automotive Low-Voltage Si MOSFET Average Price by Package Form
(2027-2032) & (US\$/Unit)

Table 68. World Automotive Low-Voltage Si MOSFET Production Value by Application,
(USD Million), 2021 & 2025 & 2032

Table 69. World Automotive Low-Voltage Si MOSFET Production by Application
(2021-2026) & (Million Units)

Table 70. World Automotive Low-Voltage Si MOSFET Production by Application
(2027-2032) & (Million Units)

Table 71. World Automotive Low-Voltage Si MOSFET Production Value by Application
(2021-2026) & (USD Million)

Table 72. World Automotive Low-Voltage Si MOSFET Production Value by Application
(2027-2032) & (USD Million)

Table 73. World Automotive Low-Voltage Si MOSFET Average Price by Application
(2021-2026) & (US\$/Unit)

Table 74. World Automotive Low-Voltage Si MOSFET 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 Automotive Low-Voltage Si MOSFET Product and Services

Table 78. Infineon Automotive Low-Voltage Si MOSFET Production (Million 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. ON Semiconductor Basic Information, Manufacturing Base and Competitors
Table 82. ON Semiconductor Major Business
Table 83. ON Semiconductor Automotive Low-Voltage Si MOSFET Product and Services
Table 84. ON Semiconductor Automotive Low-Voltage Si MOSFET Production (Million Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 85. ON Semiconductor Recent Developments/Updates
Table 86. ON Semiconductor Competitive Strengths & Weaknesses
Table 87. STMicroelectronics Basic Information, Manufacturing Base and Competitors
Table 88. STMicroelectronics Major Business
Table 89. STMicroelectronics Automotive Low-Voltage Si MOSFET Product and Services
Table 90. STMicroelectronics Automotive Low-Voltage Si MOSFET Production (Million Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 91. STMicroelectronics Recent Developments/Updates
Table 92. STMicroelectronics Competitive Strengths & Weaknesses
Table 93. Toshiba Basic Information, Manufacturing Base and Competitors
Table 94. Toshiba Major Business
Table 95. Toshiba Automotive Low-Voltage Si MOSFET Product and Services
Table 96. Toshiba Automotive Low-Voltage Si MOSFET Production (Million Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 97. Toshiba Recent Developments/Updates
Table 98. Toshiba Competitive Strengths & Weaknesses
Table 99. Nexperia Basic Information, Manufacturing Base and Competitors
Table 100. Nexperia Major Business
Table 101. Nexperia Automotive Low-Voltage Si MOSFET Product and Services
Table 102. Nexperia Automotive Low-Voltage Si MOSFET Production (Million Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 103. Nexperia Recent Developments/Updates
Table 104. Nexperia Competitive Strengths & Weaknesses
Table 105. Rohm Basic Information, Manufacturing Base and Competitors
Table 106. Rohm Major Business
Table 107. Rohm Automotive Low-Voltage Si MOSFET Product and Services
Table 108. Rohm Automotive Low-Voltage Si MOSFET Production (Million Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share

(2021-2026)

Table 109. Rohm Recent Developments/Updates

Table 110. Rohm Competitive Strengths & Weaknesses

Table 111. Diodes Incorporated Basic Information, Manufacturing Base and Competitors

Table 112. Diodes Incorporated Major Business

Table 113. Diodes Incorporated Automotive Low-Voltage Si MOSFET Product and Services

Table 114. Diodes Incorporated Automotive Low-Voltage Si MOSFET Production (Million Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 115. Diodes Incorporated Recent Developments/Updates

Table 116. Diodes Incorporated Competitive Strengths & Weaknesses

Table 117. Taiwan Semiconductor Basic Information, Manufacturing Base and Competitors

Table 118. Taiwan Semiconductor Major Business

Table 119. Taiwan Semiconductor Automotive Low-Voltage Si MOSFET Product and Services

Table 120. Taiwan Semiconductor Automotive Low-Voltage Si MOSFET Production (Million Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 121. Taiwan Semiconductor Recent Developments/Updates

Table 122. Taiwan Semiconductor Competitive Strengths & Weaknesses

Table 123. Vishay Intertechnology, Inc. Basic Information, Manufacturing Base and Competitors

Table 124. Vishay Intertechnology, Inc. Major Business

Table 125. Vishay Intertechnology, Inc. Automotive Low-Voltage Si MOSFET Product and Services

Table 126. Vishay Intertechnology, Inc. Automotive Low-Voltage Si MOSFET Production (Million Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 127. Vishay Intertechnology, Inc. Recent Developments/Updates

Table 128. Vishay Intertechnology, Inc. Competitive Strengths & Weaknesses

Table 129. KEC Corporation Basic Information, Manufacturing Base and Competitors

Table 130. KEC Corporation Major Business

Table 131. KEC Corporation Automotive Low-Voltage Si MOSFET Product and Services

Table 132. KEC Corporation Automotive Low-Voltage Si MOSFET Production (Million Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market

Share (2021-2026)

Table 133. KEC Corporation Recent Developments/Updates

Table 134. KEC Corporation Competitive Strengths & Weaknesses

Table 135. Magnachip Semiconductor Corporation Basic Information, Manufacturing Base and Competitors

Table 136. Magnachip Semiconductor Corporation Major Business

Table 137. Magnachip Semiconductor Corporation Automotive Low-Voltage Si MOSFET Product and Services

Table 138. Magnachip Semiconductor Corporation Automotive Low-Voltage Si MOSFET Production (Million Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 139. Magnachip Semiconductor Corporation Recent Developments/Updates

Table 140. Magnachip Semiconductor Corporation Competitive Strengths & Weaknesses

Table 141. China Resources Microelectronics Limited Basic Information, Manufacturing Base and Competitors

Table 142. China Resources Microelectronics Limited Major Business

Table 143. China Resources Microelectronics Limited Automotive Low-Voltage Si MOSFET Product and Services

Table 144. China Resources Microelectronics Limited Automotive Low-Voltage Si MOSFET Production (Million Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 145. China Resources Microelectronics Limited Recent Developments/Updates

Table 146. China Resources Microelectronics Limited Competitive Strengths & Weaknesses

Table 147. Jiangsu Jiejie Microelectronics Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 148. Jiangsu Jiejie Microelectronics Co., Ltd. Major Business

Table 149. Jiangsu Jiejie Microelectronics Co., Ltd. Automotive Low-Voltage Si MOSFET Product and Services

Table 150. Jiangsu Jiejie Microelectronics Co., Ltd. Automotive Low-Voltage Si MOSFET Production (Million Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 151. Jiangsu Jiejie Microelectronics Co., Ltd. Recent Developments/Updates

Table 152. Jiangsu Jiejie Microelectronics Co., Ltd. Competitive Strengths & Weaknesses

Table 153. Good-Ark Semiconductor Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 154. Good-Ark Semiconductor Co., Ltd. Major Business

Table 155. Good-Ark Semiconductor Co., Ltd. Automotive Low-Voltage Si MOSFET Product and Services

Table 156. Good-Ark Semiconductor Co., Ltd. Automotive Low-Voltage Si MOSFET Production (Million Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 157. Good-Ark Semiconductor Co., Ltd. Recent Developments/Updates

Table 158. Good-Ark Semiconductor Co., Ltd. Competitive Strengths & Weaknesses

Table 159. Alpha and Omega Semiconductor Limited Basic Information, Manufacturing Base and Competitors

Table 160. Alpha and Omega Semiconductor Limited Major Business

Table 161. Alpha and Omega Semiconductor Limited Automotive Low-Voltage Si MOSFET Product and Services

Table 162. Alpha and Omega Semiconductor Limited Automotive Low-Voltage Si MOSFET Production (Million Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 163. Alpha and Omega Semiconductor Limited Recent Developments/Updates

Table 164. Alpha and Omega Semiconductor Limited Competitive Strengths & Weaknesses

Table 165. Global Key Players of Automotive Low-Voltage Si MOSFET Upstream (Raw Materials)

Table 166. Global Automotive Low-Voltage Si MOSFET Typical Customers

Table 167. Automotive Low-Voltage Si MOSFET Typical Distributors

List Of Figures

LIST OF FIGURES

- Figure 1. Automotive Low-Voltage Si MOSFET Picture
- Figure 2. World Automotive Low-Voltage Si MOSFET Production Value: 2021 & 2025 & 2032, (USD Million)
- Figure 3. World Automotive Low-Voltage Si MOSFET Production Value and Forecast (2021-2032) & (USD Million)
- Figure 4. World Automotive Low-Voltage Si MOSFET Production (2021-2032) & (Million Units)
- Figure 5. World Automotive Low-Voltage Si MOSFET Average Price (2021-2032) & (US\$/Unit)
- Figure 6. World Automotive Low-Voltage Si MOSFET Production Value Market Share by Region (2021-2032)
- Figure 7. World Automotive Low-Voltage Si MOSFET Production Market Share by Region (2021-2032)
- Figure 8. North America Automotive Low-Voltage Si MOSFET Production (2021-2032) & (Million Units)
- Figure 9. Europe Automotive Low-Voltage Si MOSFET Production (2021-2032) & (Million Units)
- Figure 10. China Automotive Low-Voltage Si MOSFET Production (2021-2032) & (Million Units)
- Figure 11. Japan Automotive Low-Voltage Si MOSFET Production (2021-2032) & (Million Units)
- Figure 12. Automotive Low-Voltage Si MOSFET Market Drivers
- Figure 13. Factors Affecting Demand
- Figure 14. World Automotive Low-Voltage Si MOSFET Consumption (2021-2032) & (Million Units)
- Figure 15. World Automotive Low-Voltage Si MOSFET Consumption Market Share by Region (2021-2032)
- Figure 16. United States Automotive Low-Voltage Si MOSFET Consumption (2021-2032) & (Million Units)
- Figure 17. China Automotive Low-Voltage Si MOSFET Consumption (2021-2032) & (Million Units)
- Figure 18. Europe Automotive Low-Voltage Si MOSFET Consumption (2021-2032) & (Million Units)
- Figure 19. Japan Automotive Low-Voltage Si MOSFET Consumption (2021-2032) & (Million Units)

Figure 20. South Korea Automotive Low-Voltage Si MOSFET Consumption (2021-2032) & (Million Units)

Figure 21. ASEAN Automotive Low-Voltage Si MOSFET Consumption (2021-2032) & (Million Units)

Figure 22. India Automotive Low-Voltage Si MOSFET Consumption (2021-2032) & (Million Units)

Figure 23. Producer Shipments of Automotive Low-Voltage Si MOSFET by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 24. Global Four-firm Concentration Ratios (CR4) for Automotive Low-Voltage Si MOSFET Markets in 2025

Figure 25. Global Four-firm Concentration Ratios (CR8) for Automotive Low-Voltage Si MOSFET Markets in 2025

Figure 26. United States VS China: Automotive Low-Voltage Si MOSFET Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 27. United States VS China: Automotive Low-Voltage Si MOSFET Production Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: Automotive Low-Voltage Si MOSFET Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States Based Manufacturers Automotive Low-Voltage Si MOSFET Production Market Share 2025

Figure 30. China Based Manufacturers Automotive Low-Voltage Si MOSFET Production Market Share 2025

Figure 31. Rest of World Based Manufacturers Automotive Low-Voltage Si MOSFET Production Market Share 2025

Figure 32. World Automotive Low-Voltage Si MOSFET Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 33. World Automotive Low-Voltage Si MOSFET Production Value Market Share by Type in 2025

Figure 34. 40V MOSFET

Figure 35. 50V MOSFET

Figure 36. 60V MOSFET

Figure 37. 100V MOSFET

Figure 38. Others

Figure 39. World Automotive Low-Voltage Si MOSFET Production Market Share by Type (2021-2032)

Figure 40. World Automotive Low-Voltage Si MOSFET Production Value Market Share by Type (2021-2032)

Figure 41. World Automotive Low-Voltage Si MOSFET Average Price by Type (2021-2032) & (US\$/Unit)

Figure 42. World Automotive Low-Voltage Si MOSFET Production Value by Channel Polarity, (USD Million), 2021 & 2025 & 2032

Figure 43. World Automotive Low-Voltage Si MOSFET Production Value Market Share by Channel Polarity in 2025

Figure 44. N-Channel

Figure 45. P-Channel

Figure 46. World Automotive Low-Voltage Si MOSFET Production Market Share by Channel Polarity (2021-2032)

Figure 47. World Automotive Low-Voltage Si MOSFET Production Value Market Share by Channel Polarity (2021-2032)

Figure 48. World Automotive Low-Voltage Si MOSFET Average Price by Channel Polarity (2021-2032) & (US\$/Unit)

Figure 49. World Automotive Low-Voltage Si MOSFET Production Value by Package Form, (USD Million), 2021 & 2025 & 2032

Figure 50. World Automotive Low-Voltage Si MOSFET Production Value Market Share by Package Form in 2025

Figure 51. Small Leadless Package

Figure 52. Wettable-Flank Package

Figure 53. High-Current Power SMD Package

Figure 54. Through-Hole Power Package

Figure 55. Dual Or Half-Bridge Package

Figure 56. World Automotive Low-Voltage Si MOSFET Production Market Share by Package Form (2021-2032)

Figure 57. World Automotive Low-Voltage Si MOSFET Production Value Market Share by Package Form (2021-2032)

Figure 58. World Automotive Low-Voltage Si MOSFET Average Price by Package Form (2021-2032) & (US\$/Unit)

Figure 59. World Automotive Low-Voltage Si MOSFET Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 60. World Automotive Low-Voltage Si MOSFET Production Value Market Share by Application in 2025

Figure 61. Power Drive

Figure 62. Power Control

Figure 63. World Automotive Low-Voltage Si MOSFET Production Market Share by Application (2021-2032)

Figure 64. World Automotive Low-Voltage Si MOSFET Production Value Market Share by Application (2021-2032)

Figure 65. World Automotive Low-Voltage Si MOSFET Average Price by Application (2021-2032) & (US\$/Unit)

Figure 66. Automotive Low-Voltage Si MOSFET Industry Chain

Figure 67. Automotive Low-Voltage Si MOSFET Procurement Model

Figure 68. Automotive Low-Voltage Si MOSFET Sales Model

Figure 69. Automotive Low-Voltage Si MOSFET Sales Channels, Direct Sales, and Distribution

Figure 70. Methodology

Figure 71. Research Process and Data Source

I would like to order

Product name: Global Automotive Low-Voltage Si MOSFET Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/G4C86741609BEN.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/G4C86741609BEN.html>