

Global EV SGT MOSFET Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/G556401749BDEN.html>

Date: May 2026

Pages: 89

Price: US\$ 3,480.00 (Single User License)

ID: G556401749BDEN

Abstracts

According to our (Global Info Research) latest study, the global EV SGT MOSFET market size was valued at US\$ 277 million in 2025 and is forecast to a readjusted size of US\$ 473 million by 2032 with a CAGR of 7.8% during review period.

EV SGT MOSFET is a power semiconductor device based on shielded gate trench structure, specifically engineered for electric vehicle applications, offering low on-resistance, reduced switching loss, and enhanced reliability under high-frequency and high-voltage operating conditions. The capacity utilization rate in 2025 was 70%, and the industry's average gross margin was about 45%. In 2025, production was 245 million units and the average price was USD 1.1 per unit. Upstream, key inputs include silicon wafers and photoresists, with representative suppliers such as Shin-Etsu Chemical, SUMCO, GlobalWafers, JSR, Tokyo Ohka Kogyo, Shanghai Silicon Industry Group, and Jingrui Electronic Materials ensuring material consistency and process stability. The midstream segment involves device structure design, trench etching, shielded gate formation, epitaxial growth, wafer fabrication, electrical testing, and automotive-grade qualification, which determine switching efficiency, conduction performance, and long-term reliability. Downstream applications are concentrated in electric vehicles, with representative customers including Tesla, Volkswagen, Toyota, Ford, General Motors, BYD, SAIC Motor, and Geely Auto, where high efficiency, thermal stability, and reliability are critical to system performance.

EV SGT MOSFETs play a critical role in electric vehicle power electronics, functioning as high-efficiency switches in traction inverters, onboard chargers, and DC-DC converters. Their low on-resistance and superior thermal performance enable vehicles to handle higher currents and voltage stresses while maintaining energy efficiency. The

increasing use of compact inverter designs and high-voltage architectures emphasizes the need for MOSFETs capable of reliable high-frequency operation. Manufacturers are focusing on optimizing device design and performance to meet stringent automotive standards, as efficiency, switching speed, and thermal stability become key differentiators. Demand is further influenced by the growing importance of lightweight and compact power electronics in electric vehicles, where high-performance MOSFETs enable both energy savings and system reliability. Overall, market dynamics highlight the selective adoption of advanced MOSFETs that combine efficiency, robustness, and integration potential for modern electrified powertrains.

This report is a detailed and comprehensive analysis for global EV SGT MOSFET market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global EV SGT MOSFET market size and forecasts, in consumption value (\$ Million), sales quantity (Million Units), and average selling prices (US\$/Unit), 2021-2032

Global EV SGT MOSFET market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Million Units), and average selling prices (US\$/Unit), 2021-2032

Global EV SGT MOSFET market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Million Units), and average selling prices (US\$/Unit), 2021-2032

Global EV SGT MOSFET market shares of main players, shipments in revenue (\$ Million), sales quantity (Million Units), and ASP (US\$/Unit), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for EV SGT MOSFET

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global EV SGT MOSFET market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Infineon, ON Semiconductor, China Resources Microelectronics Limited, AOS, Wuxi NCE Power Co.,Ltd., JieJie Microelectronics, Silan Microelectronics, Yangjie Electronic Technology, Hunteck, Oriental Semiconductor, etc.

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

Market Segmentation

EV SGT MOSFET market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

?100V

100V-400V

?400V

Market segment by Technology

Conventional Trench MOSFET

Shielded Gate Trench MOSFET

Market segment by Package

SOIC Package

TSSOP Package

Others

Market segment by Application

Passenger Cars

Commercial Vehicle

Major players covered

Infineon

ON Semiconductor

China Resources Microelectronics Limited

AOS

Wuxi NCE Power Co.,Ltd.

JieJie Microelectronics

Silan Microelectronics

Yangjie Electronic Technology

Hunteck

Oriental Semiconductor

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe EV SGT MOSFET product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of EV SGT MOSFET, with price, sales quantity, revenue, and global market share of EV SGT MOSFET from 2021 to 2026.

Chapter 3, the EV SGT MOSFET competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the EV SGT MOSFET breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and EV SGT MOSFET market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of EV SGT MOSFET.

Chapter 14 and 15, to describe EV SGT MOSFET sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global EV SGT MOSFET Consumption Value by Type: 2021 Versus 2025 Versus 2032

1.3.2 <100V

1.3.3 100V-400V

1.3.4 >400V

1.4 Market Analysis by Technology

1.4.1 Overview: Global EV SGT MOSFET Consumption Value by Technology: 2021 Versus 2025 Versus 2032

1.4.2 Conventional Trench MOSFET

1.4.3 Shielded Gate Trench MOSFET

1.5 Market Analysis by Package

1.5.1 Overview: Global EV SGT MOSFET Consumption Value by Package: 2021 Versus 2025 Versus 2032

1.5.2 SOIC Package

1.5.3 TSSOP Package

1.5.4 Others

1.6 Market Analysis by Application

1.6.1 Overview: Global EV SGT MOSFET Consumption Value by Application: 2021 Versus 2025 Versus 2032

1.6.2 Passenger Cars

1.6.3 Commercial Vehicle

1.7 Global EV SGT MOSFET Market Size & Forecast

1.7.1 Global EV SGT MOSFET Consumption Value (2021 & 2025 & 2032)

1.7.2 Global EV SGT MOSFET Sales Quantity (2021-2032)

1.7.3 Global EV SGT MOSFET Average Price (2021-2032)

2 MANUFACTURERS PROFILES

2.1 Infineon

2.1.1 Infineon Details

2.1.2 Infineon Major Business

2.1.3 Infineon EV SGT MOSFET Product and Services

2.1.4 Infineon EV SGT MOSFET Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.1.5 Infineon Recent Developments/Updates

2.2 ON Semiconductor

2.2.1 ON Semiconductor Details

2.2.2 ON Semiconductor Major Business

2.2.3 ON Semiconductor EV SGT MOSFET Product and Services

2.2.4 ON Semiconductor EV SGT MOSFET Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.2.5 ON Semiconductor Recent Developments/Updates

2.3 China Resources Microelectronics Limited

2.3.1 China Resources Microelectronics Limited Details

2.3.2 China Resources Microelectronics Limited Major Business

2.3.3 China Resources Microelectronics Limited EV SGT MOSFET Product and Services

2.3.4 China Resources Microelectronics Limited EV SGT MOSFET Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.3.5 China Resources Microelectronics Limited Recent Developments/Updates

2.4 AOS

2.4.1 AOS Details

2.4.2 AOS Major Business

2.4.3 AOS EV SGT MOSFET Product and Services

2.4.4 AOS EV SGT MOSFET Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.4.5 AOS Recent Developments/Updates

2.5 Wuxi NCE Power Co.,Ltd.

2.5.1 Wuxi NCE Power Co.,Ltd. Details

2.5.2 Wuxi NCE Power Co.,Ltd. Major Business

2.5.3 Wuxi NCE Power Co.,Ltd. EV SGT MOSFET Product and Services

2.5.4 Wuxi NCE Power Co.,Ltd. EV SGT MOSFET Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.5.5 Wuxi NCE Power Co.,Ltd. Recent Developments/Updates

2.6 JieJie Microelectronics

2.6.1 JieJie Microelectronics Details

2.6.2 JieJie Microelectronics Major Business

2.6.3 JieJie Microelectronics EV SGT MOSFET Product and Services

2.6.4 JieJie Microelectronics EV SGT MOSFET Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.6.5 JieJie Microelectronics Recent Developments/Updates

2.7 Silan Microelectronics

2.7.1 Silan Microelectronics Details

2.7.2 Silan Microelectronics Major Business

2.7.3 Silan Microelectronics EV SGT MOSFET Product and Services

2.7.4 Silan Microelectronics EV SGT MOSFET Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.7.5 Silan Microelectronics Recent Developments/Updates

2.8 Yangjie Electronic Technology

2.8.1 Yangjie Electronic Technology Details

2.8.2 Yangjie Electronic Technology Major Business

2.8.3 Yangjie Electronic Technology EV SGT MOSFET Product and Services

2.8.4 Yangjie Electronic Technology EV SGT MOSFET Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.8.5 Yangjie Electronic Technology Recent Developments/Updates

2.9 Hunteck

2.9.1 Hunteck Details

2.9.2 Hunteck Major Business

2.9.3 Hunteck EV SGT MOSFET Product and Services

2.9.4 Hunteck EV SGT MOSFET Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.9.5 Hunteck Recent Developments/Updates

2.10 Oriental Semiconductor

2.10.1 Oriental Semiconductor Details

2.10.2 Oriental Semiconductor Major Business

2.10.3 Oriental Semiconductor EV SGT MOSFET Product and Services

2.10.4 Oriental Semiconductor EV SGT MOSFET Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.10.5 Oriental Semiconductor Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: EV SGT MOSFET BY MANUFACTURER

3.1 Global EV SGT MOSFET Sales Quantity by Manufacturer (2021-2026)

3.2 Global EV SGT MOSFET Revenue by Manufacturer (2021-2026)

3.3 Global EV SGT MOSFET Average Price by Manufacturer (2021-2026)

3.4 Market Share Analysis (2025)

3.4.1 Producer Shipments of EV SGT MOSFET by Manufacturer Revenue (\$MM) and Market Share (%): 2025

3.4.2 Top 3 EV SGT MOSFET Manufacturer Market Share in 2025

3.4.3 Top 6 EV SGT MOSFET Manufacturer Market Share in 2025

- 3.5 EV SGT MOSFET Market: Overall Company Footprint Analysis
 - 3.5.1 EV SGT MOSFET Market: Region Footprint
 - 3.5.2 EV SGT MOSFET Market: Company Product Type Footprint
 - 3.5.3 EV SGT MOSFET Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

- 4.1 Global EV SGT MOSFET Market Size by Region
 - 4.1.1 Global EV SGT MOSFET Sales Quantity by Region (2021-2032)
 - 4.1.2 Global EV SGT MOSFET Consumption Value by Region (2021-2032)
 - 4.1.3 Global EV SGT MOSFET Average Price by Region (2021-2032)
- 4.2 North America EV SGT MOSFET Consumption Value (2021-2032)
- 4.3 Europe EV SGT MOSFET Consumption Value (2021-2032)
- 4.4 Asia-Pacific EV SGT MOSFET Consumption Value (2021-2032)
- 4.5 South America EV SGT MOSFET Consumption Value (2021-2032)
- 4.6 Middle East & Africa EV SGT MOSFET Consumption Value (2021-2032)

5 MARKET SEGMENT BY TYPE

- 5.1 Global EV SGT MOSFET Sales Quantity by Type (2021-2032)
- 5.2 Global EV SGT MOSFET Consumption Value by Type (2021-2032)
- 5.3 Global EV SGT MOSFET Average Price by Type (2021-2032)

6 MARKET SEGMENT BY APPLICATION

- 6.1 Global EV SGT MOSFET Sales Quantity by Application (2021-2032)
- 6.2 Global EV SGT MOSFET Consumption Value by Application (2021-2032)
- 6.3 Global EV SGT MOSFET Average Price by Application (2021-2032)

7 NORTH AMERICA

- 7.1 North America EV SGT MOSFET Sales Quantity by Type (2021-2032)
- 7.2 North America EV SGT MOSFET Sales Quantity by Application (2021-2032)
- 7.3 North America EV SGT MOSFET Market Size by Country
 - 7.3.1 North America EV SGT MOSFET Sales Quantity by Country (2021-2032)
 - 7.3.2 North America EV SGT MOSFET Consumption Value by Country (2021-2032)
 - 7.3.3 United States Market Size and Forecast (2021-2032)

7.3.4 Canada Market Size and Forecast (2021-2032)

7.3.5 Mexico Market Size and Forecast (2021-2032)

8 EUROPE

8.1 Europe EV SGT MOSFET Sales Quantity by Type (2021-2032)

8.2 Europe EV SGT MOSFET Sales Quantity by Application (2021-2032)

8.3 Europe EV SGT MOSFET Market Size by Country

8.3.1 Europe EV SGT MOSFET Sales Quantity by Country (2021-2032)

8.3.2 Europe EV SGT MOSFET Consumption Value by Country (2021-2032)

8.3.3 Germany Market Size and Forecast (2021-2032)

8.3.4 France Market Size and Forecast (2021-2032)

8.3.5 United Kingdom Market Size and Forecast (2021-2032)

8.3.6 Russia Market Size and Forecast (2021-2032)

8.3.7 Italy Market Size and Forecast (2021-2032)

9 ASIA-PACIFIC

9.1 Asia-Pacific EV SGT MOSFET Sales Quantity by Type (2021-2032)

9.2 Asia-Pacific EV SGT MOSFET Sales Quantity by Application (2021-2032)

9.3 Asia-Pacific EV SGT MOSFET Market Size by Region

9.3.1 Asia-Pacific EV SGT MOSFET Sales Quantity by Region (2021-2032)

9.3.2 Asia-Pacific EV SGT MOSFET Consumption Value by Region (2021-2032)

9.3.3 China Market Size and Forecast (2021-2032)

9.3.4 Japan Market Size and Forecast (2021-2032)

9.3.5 South Korea Market Size and Forecast (2021-2032)

9.3.6 India Market Size and Forecast (2021-2032)

9.3.7 Southeast Asia Market Size and Forecast (2021-2032)

9.3.8 Australia Market Size and Forecast (2021-2032)

10 SOUTH AMERICA

10.1 South America EV SGT MOSFET Sales Quantity by Type (2021-2032)

10.2 South America EV SGT MOSFET Sales Quantity by Application (2021-2032)

10.3 South America EV SGT MOSFET Market Size by Country

10.3.1 South America EV SGT MOSFET Sales Quantity by Country (2021-2032)

10.3.2 South America EV SGT MOSFET Consumption Value by Country (2021-2032)

10.3.3 Brazil Market Size and Forecast (2021-2032)

10.3.4 Argentina Market Size and Forecast (2021-2032)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa EV SGT MOSFET Sales Quantity by Type (2021-2032)

11.2 Middle East & Africa EV SGT MOSFET Sales Quantity by Application (2021-2032)

11.3 Middle East & Africa EV SGT MOSFET Market Size by Country

11.3.1 Middle East & Africa EV SGT MOSFET Sales Quantity by Country (2021-2032)

11.3.2 Middle East & Africa EV SGT MOSFET Consumption Value by Country
(2021-2032)

11.3.3 Turkey Market Size and Forecast (2021-2032)

11.3.4 Egypt Market Size and Forecast (2021-2032)

11.3.5 Saudi Arabia Market Size and Forecast (2021-2032)

11.3.6 South Africa Market Size and Forecast (2021-2032)

12 MARKET DYNAMICS

12.1 EV SGT MOSFET Market Drivers

12.2 EV SGT MOSFET Market Restraints

12.3 EV SGT MOSFET Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

13.1 Raw Material of EV SGT MOSFET and Key Manufacturers

13.2 Manufacturing Costs Percentage of EV SGT MOSFET

13.3 EV SGT MOSFET Production Process

13.4 Industry Value Chain Analysis

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 EV SGT MOSFET Typical Distributors

14.3 EV SGT MOSFET Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

List Of Tables

LIST OF TABLES

- Table 1. Global EV SGT MOSFET Consumption Value by Type, (USD Million), 2021 & 2025 & 2032
- Table 2. Global EV SGT MOSFET Consumption Value by Technology, (USD Million), 2021 & 2025 & 2032
- Table 3. Global EV SGT MOSFET Consumption Value by Package, (USD Million), 2021 & 2025 & 2032
- Table 4. Global EV SGT MOSFET Consumption Value by Application, (USD Million), 2021 & 2025 & 2032
- Table 5. Infineon Basic Information, Manufacturing Base and Competitors
- Table 6. Infineon Major Business
- Table 7. Infineon EV SGT MOSFET Product and Services
- Table 8. Infineon EV SGT MOSFET Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 9. Infineon Recent Developments/Updates
- Table 10. ON Semiconductor Basic Information, Manufacturing Base and Competitors
- Table 11. ON Semiconductor Major Business
- Table 12. ON Semiconductor EV SGT MOSFET Product and Services
- Table 13. ON Semiconductor EV SGT MOSFET Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 14. ON Semiconductor Recent Developments/Updates
- Table 15. China Resources Microelectronics Limited Basic Information, Manufacturing Base and Competitors
- Table 16. China Resources Microelectronics Limited Major Business
- Table 17. China Resources Microelectronics Limited EV SGT MOSFET Product and Services
- Table 18. China Resources Microelectronics Limited EV SGT MOSFET Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 19. China Resources Microelectronics Limited Recent Developments/Updates
- Table 20. AOS Basic Information, Manufacturing Base and Competitors
- Table 21. AOS Major Business
- Table 22. AOS EV SGT MOSFET Product and Services
- Table 23. AOS EV SGT MOSFET Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 24. AOS Recent Developments/Updates

Table 25. Wuxi NCE Power Co.,Ltd. Basic Information, Manufacturing Base and Competitors

Table 26. Wuxi NCE Power Co.,Ltd. Major Business

Table 27. Wuxi NCE Power Co.,Ltd. EV SGT MOSFET Product and Services

Table 28. Wuxi NCE Power Co.,Ltd. EV SGT MOSFET Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 29. Wuxi NCE Power Co.,Ltd. Recent Developments/Updates

Table 30. JieJie Microelectronics Basic Information, Manufacturing Base and Competitors

Table 31. JieJie Microelectronics Major Business

Table 32. JieJie Microelectronics EV SGT MOSFET Product and Services

Table 33. JieJie Microelectronics EV SGT MOSFET Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 34. JieJie Microelectronics Recent Developments/Updates

Table 35. Silan Microelectronics Basic Information, Manufacturing Base and Competitors

Table 36. Silan Microelectronics Major Business

Table 37. Silan Microelectronics EV SGT MOSFET Product and Services

Table 38. Silan Microelectronics EV SGT MOSFET Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 39. Silan Microelectronics Recent Developments/Updates

Table 40. Yangjie Electronic Technology Basic Information, Manufacturing Base and Competitors

Table 41. Yangjie Electronic Technology Major Business

Table 42. Yangjie Electronic Technology EV SGT MOSFET Product and Services

Table 43. Yangjie Electronic Technology EV SGT MOSFET Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 44. Yangjie Electronic Technology Recent Developments/Updates

Table 45. Hunteck Basic Information, Manufacturing Base and Competitors

Table 46. Hunteck Major Business

Table 47. Hunteck EV SGT MOSFET Product and Services

Table 48. Hunteck EV SGT MOSFET Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 49. Hunteck Recent Developments/Updates

Table 50. Oriental Semiconductor Basic Information, Manufacturing Base and

Competitors

Table 51. Oriental Semiconductor Major Business

Table 52. Oriental Semiconductor EV SGT MOSFET Product and Services

Table 53. Oriental Semiconductor EV SGT MOSFET Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 54. Oriental Semiconductor Recent Developments/Updates

Table 55. Global EV SGT MOSFET Sales Quantity by Manufacturer (2021-2026) & (Million Units)

Table 56. Global EV SGT MOSFET Revenue by Manufacturer (2021-2026) & (USD Million)

Table 57. Global EV SGT MOSFET Average Price by Manufacturer (2021-2026) & (US\$/Unit)

Table 58. Market Position of Manufacturers in EV SGT MOSFET, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025

Table 59. Head Office and EV SGT MOSFET Production Site of Key Manufacturer

Table 60. EV SGT MOSFET Market: Company Product Type Footprint

Table 61. EV SGT MOSFET Market: Company Product Application Footprint

Table 62. EV SGT MOSFET New Market Entrants and Barriers to Market Entry

Table 63. EV SGT MOSFET Mergers, Acquisition, Agreements, and Collaborations

Table 64. Global EV SGT MOSFET Consumption Value by Region (2021-2025-2032) & (USD Million) & CAGR

Table 65. Global EV SGT MOSFET Sales Quantity by Region (2021-2026) & (Million Units)

Table 66. Global EV SGT MOSFET Sales Quantity by Region (2027-2032) & (Million Units)

Table 67. Global EV SGT MOSFET Consumption Value by Region (2021-2026) & (USD Million)

Table 68. Global EV SGT MOSFET Consumption Value by Region (2027-2032) & (USD Million)

Table 69. Global EV SGT MOSFET Average Price by Region (2021-2026) & (US\$/Unit)

Table 70. Global EV SGT MOSFET Average Price by Region (2027-2032) & (US\$/Unit)

Table 71. Global EV SGT MOSFET Sales Quantity by Type (2021-2026) & (Million Units)

Table 72. Global EV SGT MOSFET Sales Quantity by Type (2027-2032) & (Million Units)

Table 73. Global EV SGT MOSFET Consumption Value by Type (2021-2026) & (USD Million)

Table 74. Global EV SGT MOSFET Consumption Value by Type (2027-2032) & (USD Million)

Million)

Table 75. Global EV SGT MOSFET Average Price by Type (2021-2026) & (US\$/Unit)

Table 76. Global EV SGT MOSFET Average Price by Type (2027-2032) & (US\$/Unit)

Table 77. Global EV SGT MOSFET Sales Quantity by Application (2021-2026) & (Million Units)

Table 78. Global EV SGT MOSFET Sales Quantity by Application (2027-2032) & (Million Units)

Table 79. Global EV SGT MOSFET Consumption Value by Application (2021-2026) & (USD Million)

Table 80. Global EV SGT MOSFET Consumption Value by Application (2027-2032) & (USD Million)

Table 81. Global EV SGT MOSFET Average Price by Application (2021-2026) & (US\$/Unit)

Table 82. Global EV SGT MOSFET Average Price by Application (2027-2032) & (US\$/Unit)

Table 83. North America EV SGT MOSFET Sales Quantity by Type (2021-2026) & (Million Units)

Table 84. North America EV SGT MOSFET Sales Quantity by Type (2027-2032) & (Million Units)

Table 85. North America EV SGT MOSFET Sales Quantity by Application (2021-2026) & (Million Units)

Table 86. North America EV SGT MOSFET Sales Quantity by Application (2027-2032) & (Million Units)

Table 87. North America EV SGT MOSFET Sales Quantity by Country (2021-2026) & (Million Units)

Table 88. North America EV SGT MOSFET Sales Quantity by Country (2027-2032) & (Million Units)

Table 89. North America EV SGT MOSFET Consumption Value by Country (2021-2026) & (USD Million)

Table 90. North America EV SGT MOSFET Consumption Value by Country (2027-2032) & (USD Million)

Table 91. Europe EV SGT MOSFET Sales Quantity by Type (2021-2026) & (Million Units)

Table 92. Europe EV SGT MOSFET Sales Quantity by Type (2027-2032) & (Million Units)

Table 93. Europe EV SGT MOSFET Sales Quantity by Application (2021-2026) & (Million Units)

Table 94. Europe EV SGT MOSFET Sales Quantity by Application (2027-2032) & (Million Units)

Table 95. Europe EV SGT MOSFET Sales Quantity by Country (2021-2026) & (Million Units)

Table 96. Europe EV SGT MOSFET Sales Quantity by Country (2027-2032) & (Million Units)

Table 97. Europe EV SGT MOSFET Consumption Value by Country (2021-2026) & (USD Million)

Table 98. Europe EV SGT MOSFET Consumption Value by Country (2027-2032) & (USD Million)

Table 99. Asia-Pacific EV SGT MOSFET Sales Quantity by Type (2021-2026) & (Million Units)

Table 100. Asia-Pacific EV SGT MOSFET Sales Quantity by Type (2027-2032) & (Million Units)

Table 101. Asia-Pacific EV SGT MOSFET Sales Quantity by Application (2021-2026) & (Million Units)

Table 102. Asia-Pacific EV SGT MOSFET Sales Quantity by Application (2027-2032) & (Million Units)

Table 103. Asia-Pacific EV SGT MOSFET Sales Quantity by Region (2021-2026) & (Million Units)

Table 104. Asia-Pacific EV SGT MOSFET Sales Quantity by Region (2027-2032) & (Million Units)

Table 105. Asia-Pacific EV SGT MOSFET Consumption Value by Region (2021-2026) & (USD Million)

Table 106. Asia-Pacific EV SGT MOSFET Consumption Value by Region (2027-2032) & (USD Million)

Table 107. South America EV SGT MOSFET Sales Quantity by Type (2021-2026) & (Million Units)

Table 108. South America EV SGT MOSFET Sales Quantity by Type (2027-2032) & (Million Units)

Table 109. South America EV SGT MOSFET Sales Quantity by Application (2021-2026) & (Million Units)

Table 110. South America EV SGT MOSFET Sales Quantity by Application (2027-2032) & (Million Units)

Table 111. South America EV SGT MOSFET Sales Quantity by Country (2021-2026) & (Million Units)

Table 112. South America EV SGT MOSFET Sales Quantity by Country (2027-2032) & (Million Units)

Table 113. South America EV SGT MOSFET Consumption Value by Country (2021-2026) & (USD Million)

Table 114. South America EV SGT MOSFET Consumption Value by Country

(2027-2032) & (USD Million)

Table 115. Middle East & Africa EV SGT MOSFET Sales Quantity by Type (2021-2026) & (Million Units)

Table 116. Middle East & Africa EV SGT MOSFET Sales Quantity by Type (2027-2032) & (Million Units)

Table 117. Middle East & Africa EV SGT MOSFET Sales Quantity by Application (2021-2026) & (Million Units)

Table 118. Middle East & Africa EV SGT MOSFET Sales Quantity by Application (2027-2032) & (Million Units)

Table 119. Middle East & Africa EV SGT MOSFET Sales Quantity by Country (2021-2026) & (Million Units)

Table 120. Middle East & Africa EV SGT MOSFET Sales Quantity by Country (2027-2032) & (Million Units)

Table 121. Middle East & Africa EV SGT MOSFET Consumption Value by Country (2021-2026) & (USD Million)

Table 122. Middle East & Africa EV SGT MOSFET Consumption Value by Country (2027-2032) & (USD Million)

Table 123. EV SGT MOSFET Raw Material

Table 124. Key Manufacturers of EV SGT MOSFET Raw Materials

Table 125. EV SGT MOSFET Typical Distributors

Table 126. EV SGT MOSFET Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. EV SGT MOSFET Picture

Figure 2. Global EV SGT MOSFET Revenue by Type, (USD Million), 2021 & 2025 & 2032

Figure 3. Global EV SGT MOSFET Revenue Market Share by Type in 2025

Figure 4. >100V Examples

Figure 5. 100V-400V Examples

Figure 6. >400V Examples

Figure 7. Global EV SGT MOSFET Revenue by Technology, (USD Million), 2021 & 2025 & 2032

Figure 8. Global EV SGT MOSFET Revenue Market Share by Technology in 2025

Figure 9. Conventional Trench MOSFET Examples

Figure 10. Shielded Gate Trench MOSFET Examples

Figure 11. Global EV SGT MOSFET Revenue by Package, (USD Million), 2021 & 2025 & 2032

Figure 12. Global EV SGT MOSFET Revenue Market Share by Package in 2025

Figure 13. SOIC Package Examples

Figure 14. TSSOP Package Examples

Figure 15. Others Examples

Figure 16. Global EV SGT MOSFET Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 17. Global EV SGT MOSFET Revenue Market Share by Application in 2025

Figure 18. Passenger Cars Examples

Figure 19. Commercial Vehicle Examples

Figure 20. Global EV SGT MOSFET Consumption Value, (USD Million): 2021 & 2025 & 2032

Figure 21. Global EV SGT MOSFET Consumption Value and Forecast (2021-2032) & (USD Million)

Figure 22. Global EV SGT MOSFET Sales Quantity (2021-2032) & (Million Units)

Figure 23. Global EV SGT MOSFET Price (2021-2032) & (US\$/Unit)

Figure 24. Global EV SGT MOSFET Sales Quantity Market Share by Manufacturer in 2025

Figure 25. Global EV SGT MOSFET Revenue Market Share by Manufacturer in 2025

Figure 26. Producer Shipments of EV SGT MOSFET by Manufacturer Sales (\$MM) and Market Share (%): 2025

Figure 27. Top 3 EV SGT MOSFET Manufacturer (Revenue) Market Share in 2025

Figure 28. Top 6 EV SGT MOSFET Manufacturer (Revenue) Market Share in 2025

Figure 29. Global EV SGT MOSFET Sales Quantity Market Share by Region (2021-2032)

Figure 30. Global EV SGT MOSFET Consumption Value Market Share by Region (2021-2032)

Figure 31. North America EV SGT MOSFET Consumption Value (2021-2032) & (USD Million)

Figure 32. Europe EV SGT MOSFET Consumption Value (2021-2032) & (USD Million)

Figure 33. Asia-Pacific EV SGT MOSFET Consumption Value (2021-2032) & (USD Million)

Figure 34. South America EV SGT MOSFET Consumption Value (2021-2032) & (USD Million)

Figure 35. Middle East & Africa EV SGT MOSFET Consumption Value (2021-2032) & (USD Million)

Figure 36. Global EV SGT MOSFET Sales Quantity Market Share by Type (2021-2032)

Figure 37. Global EV SGT MOSFET Consumption Value Market Share by Type (2021-2032)

Figure 38. Global EV SGT MOSFET Average Price by Type (2021-2032) & (US\$/Unit)

Figure 39. Global EV SGT MOSFET Sales Quantity Market Share by Application (2021-2032)

Figure 40. Global EV SGT MOSFET Revenue Market Share by Application (2021-2032)

Figure 41. Global EV SGT MOSFET Average Price by Application (2021-2032) & (US\$/Unit)

Figure 42. North America EV SGT MOSFET Sales Quantity Market Share by Type (2021-2032)

Figure 43. North America EV SGT MOSFET Sales Quantity Market Share by Application (2021-2032)

Figure 44. North America EV SGT MOSFET Sales Quantity Market Share by Country (2021-2032)

Figure 45. North America EV SGT MOSFET Consumption Value Market Share by Country (2021-2032)

Figure 46. United States EV SGT MOSFET Consumption Value (2021-2032) & (USD Million)

Figure 47. Canada EV SGT MOSFET Consumption Value (2021-2032) & (USD Million)

Figure 48. Mexico EV SGT MOSFET Consumption Value (2021-2032) & (USD Million)

Figure 49. Europe EV SGT MOSFET Sales Quantity Market Share by Type (2021-2032)

Figure 50. Europe EV SGT MOSFET Sales Quantity Market Share by Application (2021-2032)

Figure 51. Europe EV SGT MOSFET Sales Quantity Market Share by Country (2021-2032)

Figure 52. Europe EV SGT MOSFET Consumption Value Market Share by Country (2021-2032)

Figure 53. Germany EV SGT MOSFET Consumption Value (2021-2032) & (USD Million)

Figure 54. France EV SGT MOSFET Consumption Value (2021-2032) & (USD Million)

Figure 55. United Kingdom EV SGT MOSFET Consumption Value (2021-2032) & (USD Million)

Figure 56. Russia EV SGT MOSFET Consumption Value (2021-2032) & (USD Million)

Figure 57. Italy EV SGT MOSFET Consumption Value (2021-2032) & (USD Million)

Figure 58. Asia-Pacific EV SGT MOSFET Sales Quantity Market Share by Type (2021-2032)

Figure 59. Asia-Pacific EV SGT MOSFET Sales Quantity Market Share by Application (2021-2032)

Figure 60. Asia-Pacific EV SGT MOSFET Sales Quantity Market Share by Region (2021-2032)

Figure 61. Asia-Pacific EV SGT MOSFET Consumption Value Market Share by Region (2021-2032)

Figure 62. China EV SGT MOSFET Consumption Value (2021-2032) & (USD Million)

Figure 63. Japan EV SGT MOSFET Consumption Value (2021-2032) & (USD Million)

Figure 64. South Korea EV SGT MOSFET Consumption Value (2021-2032) & (USD Million)

Figure 65. India EV SGT MOSFET Consumption Value (2021-2032) & (USD Million)

Figure 66. Southeast Asia EV SGT MOSFET Consumption Value (2021-2032) & (USD Million)

Figure 67. Australia EV SGT MOSFET Consumption Value (2021-2032) & (USD Million)

Figure 68. South America EV SGT MOSFET Sales Quantity Market Share by Type (2021-2032)

Figure 69. South America EV SGT MOSFET Sales Quantity Market Share by Application (2021-2032)

Figure 70. South America EV SGT MOSFET Sales Quantity Market Share by Country (2021-2032)

Figure 71. South America EV SGT MOSFET Consumption Value Market Share by Country (2021-2032)

Figure 72. Brazil EV SGT MOSFET Consumption Value (2021-2032) & (USD Million)

Figure 73. Argentina EV SGT MOSFET Consumption Value (2021-2032) & (USD Million)

Figure 74. Middle East & Africa EV SGT MOSFET Sales Quantity Market Share by

Type (2021-2032)

Figure 75. Middle East & Africa EV SGT MOSFET Sales Quantity Market Share by Application (2021-2032)

Figure 76. Middle East & Africa EV SGT MOSFET Sales Quantity Market Share by Country (2021-2032)

Figure 77. Middle East & Africa EV SGT MOSFET Consumption Value Market Share by Country (2021-2032)

Figure 78. Turkey EV SGT MOSFET Consumption Value (2021-2032) & (USD Million)

Figure 79. Egypt EV SGT MOSFET Consumption Value (2021-2032) & (USD Million)

Figure 80. Saudi Arabia EV SGT MOSFET Consumption Value (2021-2032) & (USD Million)

Figure 81. South Africa EV SGT MOSFET Consumption Value (2021-2032) & (USD Million)

Figure 82. EV SGT MOSFET Market Drivers

Figure 83. EV SGT MOSFET Market Restraints

Figure 84. EV SGT MOSFET Market Trends

Figure 85. Porters Five Forces Analysis

Figure 86. Manufacturing Cost Structure Analysis of EV SGT MOSFET in 2025

Figure 87. Manufacturing Process Analysis of EV SGT MOSFET

Figure 88. EV SGT MOSFET Industrial Chain

Figure 89. Sales Channel: Direct to End-User vs Distributors

Figure 90. Direct Channel Pros & Cons

Figure 91. Indirect Channel Pros & Cons

Figure 92. Methodology

Figure 93. Research Process and Data Source

I would like to order

Product name: Global EV SGT MOSFET Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

Product link: <https://marketpublishers.com/r/G556401749BDEN.html>

Price: US\$ 3,480.00 (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/G556401749BDEN.html>