

Global Advanced Power MOSFET Market Growth 2025-2031

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Abstracts

The global Advanced Power MOSFET market size is predicted to grow from US\$ million in 2025 to US\$ million in 2031; it is expected to grow at a CAGR of % from 2025 to 2031.

The impact of the latest U.S. tariff measures and the corresponding policy responses from countries worldwide on market competitiveness, regional economic performance, and supply chain configurations will be comprehensively evaluated in this report.

A field-effect transistor that has high requirements for operating frequency, output power, and power consumption capabilities and can be widely used in analog circuits and digital circuits.

United States market for Advanced Power MOSFET is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

China market for Advanced Power MOSFET is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Europe market for Advanced Power MOSFET is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Global key Advanced Power MOSFET players cover Infineon Technologies, ON Semiconductor, Renesas Electronics, Toshiba, STMicroelectronics, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2024.

LP Information, Inc. (LPI) ' newest research report, the "Advanced Power MOSFET

Industry Forecast” looks at past sales and reviews total world Advanced Power MOSFET sales in 2024, providing a comprehensive analysis by region and market sector of projected Advanced Power MOSFET sales for 2025 through 2031. With Advanced Power MOSFET sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Advanced Power MOSFET industry.

This Insight Report provides a comprehensive analysis of the global Advanced Power MOSFET landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Advanced Power MOSFET portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms’ unique position in an accelerating global Advanced Power MOSFET market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Advanced Power MOSFET and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Advanced Power MOSFET.

This report presents a comprehensive overview, market shares, and growth opportunities of Advanced Power MOSFET market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

SiC

GaN

Segmentation by Application:

Automotive

Aerospace

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Infineon Technologies

ON Semiconductor

Renesas Electronics

Toshiba

STMicroelectronics

Vishay

Nexperia

Littelfuse

Microchip Technology

Power Integration

Key Questions Addressed in this Report

What is the 10-year outlook for the global Advanced Power MOSFET market?

What factors are driving Advanced Power MOSFET market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Advanced Power MOSFET market opportunities vary by end market size?

How does Advanced Power MOSFET break out by Type, by Application?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global Advanced Power MOSFET Annual Sales 2020-2031
 - 2.1.2 World Current & Future Analysis for Advanced Power MOSFET by Geographic Region, 2020, 2024 & 2031
 - 2.1.3 World Current & Future Analysis for Advanced Power MOSFET by Country/Region, 2020, 2024 & 2031
- 2.2 Advanced Power MOSFET Segment by Type
 - 2.2.1 SiC
 - 2.2.2 GaN
- 2.3 Advanced Power MOSFET Sales by Type
 - 2.3.1 Global Advanced Power MOSFET Sales Market Share by Type (2020-2025)
 - 2.3.2 Global Advanced Power MOSFET Revenue and Market Share by Type (2020-2025)
 - 2.3.3 Global Advanced Power MOSFET Sale Price by Type (2020-2025)
- 2.4 Advanced Power MOSFET Segment by Application
 - 2.4.1 Automotive
 - 2.4.2 Aerospace
- 2.5 Advanced Power MOSFET Sales by Application
 - 2.5.1 Global Advanced Power MOSFET Sale Market Share by Application (2020-2025)
 - 2.5.2 Global Advanced Power MOSFET Revenue and Market Share by Application (2020-2025)
 - 2.5.3 Global Advanced Power MOSFET Sale Price by Application (2020-2025)

3 GLOBAL BY COMPANY

- 3.1 Global Advanced Power MOSFET Breakdown Data by Company
 - 3.1.1 Global Advanced Power MOSFET Annual Sales by Company (2020-2025)
 - 3.1.2 Global Advanced Power MOSFET Sales Market Share by Company (2020-2025)
- 3.2 Global Advanced Power MOSFET Annual Revenue by Company (2020-2025)
 - 3.2.1 Global Advanced Power MOSFET Revenue by Company (2020-2025)
 - 3.2.2 Global Advanced Power MOSFET Revenue Market Share by Company (2020-2025)
- 3.3 Global Advanced Power MOSFET Sale Price by Company
- 3.4 Key Manufacturers Advanced Power MOSFET Producing Area Distribution, Sales Area, Product Type
 - 3.4.1 Key Manufacturers Advanced Power MOSFET Product Location Distribution
 - 3.4.2 Players Advanced Power MOSFET Products Offered
- 3.5 Market Concentration Rate Analysis
 - 3.5.1 Competition Landscape Analysis
 - 3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)
- 3.6 New Products and Potential Entrants
- 3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR ADVANCED POWER MOSFET BY GEOGRAPHIC REGION

- 4.1 World Historic Advanced Power MOSFET Market Size by Geographic Region (2020-2025)
 - 4.1.1 Global Advanced Power MOSFET Annual Sales by Geographic Region (2020-2025)
 - 4.1.2 Global Advanced Power MOSFET Annual Revenue by Geographic Region (2020-2025)
- 4.2 World Historic Advanced Power MOSFET Market Size by Country/Region (2020-2025)
 - 4.2.1 Global Advanced Power MOSFET Annual Sales by Country/Region (2020-2025)
 - 4.2.2 Global Advanced Power MOSFET Annual Revenue by Country/Region (2020-2025)
- 4.3 Americas Advanced Power MOSFET Sales Growth
- 4.4 APAC Advanced Power MOSFET Sales Growth
- 4.5 Europe Advanced Power MOSFET Sales Growth
- 4.6 Middle East & Africa Advanced Power MOSFET Sales Growth

5 AMERICAS

5.1 Americas Advanced Power MOSFET Sales by Country

5.1.1 Americas Advanced Power MOSFET Sales by Country (2020-2025)

5.1.2 Americas Advanced Power MOSFET Revenue by Country (2020-2025)

5.2 Americas Advanced Power MOSFET Sales by Type (2020-2025)

5.3 Americas Advanced Power MOSFET Sales by Application (2020-2025)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Advanced Power MOSFET Sales by Region

6.1.1 APAC Advanced Power MOSFET Sales by Region (2020-2025)

6.1.2 APAC Advanced Power MOSFET Revenue by Region (2020-2025)

6.2 APAC Advanced Power MOSFET Sales by Type (2020-2025)

6.3 APAC Advanced Power MOSFET Sales by Application (2020-2025)

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 China Taiwan

7 EUROPE

7.1 Europe Advanced Power MOSFET by Country

7.1.1 Europe Advanced Power MOSFET Sales by Country (2020-2025)

7.1.2 Europe Advanced Power MOSFET Revenue by Country (2020-2025)

7.2 Europe Advanced Power MOSFET Sales by Type (2020-2025)

7.3 Europe Advanced Power MOSFET Sales by Application (2020-2025)

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Advanced Power MOSFET by Country

8.1.1 Middle East & Africa Advanced Power MOSFET Sales by Country (2020-2025)

8.1.2 Middle East & Africa Advanced Power MOSFET Revenue by Country (2020-2025)

8.2 Middle East & Africa Advanced Power MOSFET Sales by Type (2020-2025)

8.3 Middle East & Africa Advanced Power MOSFET Sales by Application (2020-2025)

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of Advanced Power MOSFET

10.3 Manufacturing Process Analysis of Advanced Power MOSFET

10.4 Industry Chain Structure of Advanced Power MOSFET

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Advanced Power MOSFET Distributors

11.3 Advanced Power MOSFET Customer

12 WORLD FORECAST REVIEW FOR ADVANCED POWER MOSFET BY GEOGRAPHIC REGION

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

13 KEY PLAYERS ANALYSIS

- 13.1 Infineon Technologies
 - 13.1.1 Infineon Technologies Company Information
 - 13.1.2 Infineon Technologies Advanced Power MOSFET Product Portfolios and Specifications
 - 13.1.3 Infineon Technologies Advanced Power MOSFET Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.1.4 Infineon Technologies Main Business Overview
 - 13.1.5 Infineon Technologies Latest Developments
- 13.2 ON Semiconductor
 - 13.2.1 ON Semiconductor Company Information
 - 13.2.2 ON Semiconductor Advanced Power MOSFET Product Portfolios and Specifications
 - 13.2.3 ON Semiconductor Advanced Power MOSFET Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.2.4 ON Semiconductor Main Business Overview
 - 13.2.5 ON Semiconductor Latest Developments
- 13.3 Renesas Electronics
 - 13.3.1 Renesas Electronics Company Information
 - 13.3.2 Renesas Electronics Advanced Power MOSFET Product Portfolios and Specifications
 - 13.3.3 Renesas Electronics Advanced Power MOSFET Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.3.4 Renesas Electronics Main Business Overview
 - 13.3.5 Renesas Electronics Latest Developments
- 13.4 Toshiba
 - 13.4.1 Toshiba Company Information

- 13.4.2 Toshiba Advanced Power MOSFET Product Portfolios and Specifications
- 13.4.3 Toshiba Advanced Power MOSFET Sales, Revenue, Price and Gross Margin (2020-2025)
- 13.4.4 Toshiba Main Business Overview
- 13.4.5 Toshiba Latest Developments
- 13.5 STMicroelectronics
 - 13.5.1 STMicroelectronics Company Information
 - 13.5.2 STMicroelectronics Advanced Power MOSFET Product Portfolios and Specifications
 - 13.5.3 STMicroelectronics Advanced Power MOSFET Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.5.4 STMicroelectronics Main Business Overview
 - 13.5.5 STMicroelectronics Latest Developments
- 13.6 Vishay
 - 13.6.1 Vishay Company Information
 - 13.6.2 Vishay Advanced Power MOSFET Product Portfolios and Specifications
 - 13.6.3 Vishay Advanced Power MOSFET Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.6.4 Vishay Main Business Overview
 - 13.6.5 Vishay Latest Developments
- 13.7 Nexperia
 - 13.7.1 Nexperia Company Information
 - 13.7.2 Nexperia Advanced Power MOSFET Product Portfolios and Specifications
 - 13.7.3 Nexperia Advanced Power MOSFET Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.7.4 Nexperia Main Business Overview
 - 13.7.5 Nexperia Latest Developments
- 13.8 Littelfuse
 - 13.8.1 Littelfuse Company Information
 - 13.8.2 Littelfuse Advanced Power MOSFET Product Portfolios and Specifications
 - 13.8.3 Littelfuse Advanced Power MOSFET Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.8.4 Littelfuse Main Business Overview
 - 13.8.5 Littelfuse Latest Developments
- 13.9 Microchip Technology
 - 13.9.1 Microchip Technology Company Information
 - 13.9.2 Microchip Technology Advanced Power MOSFET Product Portfolios and Specifications
 - 13.9.3 Microchip Technology Advanced Power MOSFET Sales, Revenue, Price and

Gross Margin (2020-2025)

13.9.4 Microchip Technology Main Business Overview

13.9.5 Microchip Technology Latest Developments

13.10 Power Integration

13.10.1 Power Integration Company Information

13.10.2 Power Integration Advanced Power MOSFET Product Portfolios and Specifications

13.10.3 Power Integration Advanced Power MOSFET Sales, Revenue, Price and Gross Margin (2020-2025)

13.10.4 Power Integration Main Business Overview

13.10.5 Power Integration Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Advanced Power MOSFET Annual Sales CAGR by Geographic Region (2020, 2024 & 2031) & (\$ millions)

Table 2. Advanced Power MOSFET Annual Sales CAGR by Country/Region (2020, 2024 & 2031) & (\$ millions)

Table 3. Major Players of SiC

Table 4. Major Players of GaN

Table 5. Global Advanced Power MOSFET Sales by Type (2020-2025) & (K Units)

Table 6. Global Advanced Power MOSFET Sales Market Share by Type (2020-2025)

Table 7. Global Advanced Power MOSFET Revenue by Type (2020-2025) & (\$ million)

Table 8. Global Advanced Power MOSFET Revenue Market Share by Type (2020-2025)

Table 9. Global Advanced Power MOSFET Sale Price by Type (2020-2025) & (US\$/Unit)

Table 10. Global Advanced Power MOSFET Sale by Application (2020-2025) & (K Units)

Table 11. Global Advanced Power MOSFET Sale Market Share by Application (2020-2025)

Table 12. Global Advanced Power MOSFET Revenue by Application (2020-2025) & (\$ million)

Table 13. Global Advanced Power MOSFET Revenue Market Share by Application (2020-2025)

Table 14. Global Advanced Power MOSFET Sale Price by Application (2020-2025) & (US\$/Unit)

Table 15. Global Advanced Power MOSFET Sales by Company (2020-2025) & (K Units)

Table 16. Global Advanced Power MOSFET Sales Market Share by Company (2020-2025)

Table 17. Global Advanced Power MOSFET Revenue by Company (2020-2025) & (\$ millions)

Table 18. Global Advanced Power MOSFET Revenue Market Share by Company (2020-2025)

Table 19. Global Advanced Power MOSFET Sale Price by Company (2020-2025) & (US\$/Unit)

Table 20. Key Manufacturers Advanced Power MOSFET Producing Area Distribution and Sales Area

Table 21. Players Advanced Power MOSFET Products Offered

Table 22. Advanced Power MOSFET Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)

Table 23. New Products and Potential Entrants

Table 24. Market M&A Activity & Strategy

Table 25. Global Advanced Power MOSFET Sales by Geographic Region (2020-2025) & (K Units)

Table 26. Global Advanced Power MOSFET Sales Market Share Geographic Region (2020-2025)

Table 27. Global Advanced Power MOSFET Revenue by Geographic Region (2020-2025) & (\$ millions)

Table 28. Global Advanced Power MOSFET Revenue Market Share by Geographic Region (2020-2025)

Table 29. Global Advanced Power MOSFET Sales by Country/Region (2020-2025) & (K Units)

Table 30. Global Advanced Power MOSFET Sales Market Share by Country/Region (2020-2025)

Table 31. Global Advanced Power MOSFET Revenue by Country/Region (2020-2025) & (\$ millions)

Table 32. Global Advanced Power MOSFET Revenue Market Share by Country/Region (2020-2025)

Table 33. Americas Advanced Power MOSFET Sales by Country (2020-2025) & (K Units)

Table 34. Americas Advanced Power MOSFET Sales Market Share by Country (2020-2025)

Table 35. Americas Advanced Power MOSFET Revenue by Country (2020-2025) & (\$ millions)

Table 36. Americas Advanced Power MOSFET Sales by Type (2020-2025) & (K Units)

Table 37. Americas Advanced Power MOSFET Sales by Application (2020-2025) & (K Units)

Table 38. APAC Advanced Power MOSFET Sales by Region (2020-2025) & (K Units)

Table 39. APAC Advanced Power MOSFET Sales Market Share by Region (2020-2025)

Table 40. APAC Advanced Power MOSFET Revenue by Region (2020-2025) & (\$ millions)

Table 41. APAC Advanced Power MOSFET Sales by Type (2020-2025) & (K Units)

Table 42. APAC Advanced Power MOSFET Sales by Application (2020-2025) & (K Units)

Table 43. Europe Advanced Power MOSFET Sales by Country (2020-2025) & (K Units)

Table 44. Europe Advanced Power MOSFET Revenue by Country (2020-2025) & (\$ millions)

Table 45. Europe Advanced Power MOSFET Sales by Type (2020-2025) & (K Units)

Table 46. Europe Advanced Power MOSFET Sales by Application (2020-2025) & (K Units)

Table 47. Middle East & Africa Advanced Power MOSFET Sales by Country (2020-2025) & (K Units)

Table 48. Middle East & Africa Advanced Power MOSFET Revenue Market Share by Country (2020-2025)

Table 49. Middle East & Africa Advanced Power MOSFET Sales by Type (2020-2025) & (K Units)

Table 50. Middle East & Africa Advanced Power MOSFET Sales by Application (2020-2025) & (K Units)

Table 51. Key Market Drivers & Growth Opportunities of Advanced Power MOSFET

Table 52. Key Market Challenges & Risks of Advanced Power MOSFET

Table 53. Key Industry Trends of Advanced Power MOSFET

Table 54. Advanced Power MOSFET Raw Material

Table 55. Key Suppliers of Raw Materials

Table 56. Advanced Power MOSFET Distributors List

Table 57. Advanced Power MOSFET Customer List

Table 58. Global Advanced Power MOSFET Sales Forecast by Region (2026-2031) & (K Units)

Table 59. Global Advanced Power MOSFET Revenue Forecast by Region (2026-2031) & (\$ millions)

Table 60. Americas Advanced Power MOSFET Sales Forecast by Country (2026-2031) & (K Units)

Table 61. Americas Advanced Power MOSFET Annual Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 62. APAC Advanced Power MOSFET Sales Forecast by Region (2026-2031) & (K Units)

Table 63. APAC Advanced Power MOSFET Annual Revenue Forecast by Region (2026-2031) & (\$ millions)

Table 64. Europe Advanced Power MOSFET Sales Forecast by Country (2026-2031) & (K Units)

Table 65. Europe Advanced Power MOSFET Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 66. Middle East & Africa Advanced Power MOSFET Sales Forecast by Country (2026-2031) & (K Units)

Table 67. Middle East & Africa Advanced Power MOSFET Revenue Forecast by

Country (2026-2031) & (\$ millions)

Table 68. Global Advanced Power MOSFET Sales Forecast by Type (2026-2031) & (K Units)

Table 69. Global Advanced Power MOSFET Revenue Forecast by Type (2026-2031) & (\$ millions)

Table 70. Global Advanced Power MOSFET Sales Forecast by Application (2026-2031) & (K Units)

Table 71. Global Advanced Power MOSFET Revenue Forecast by Application (2026-2031) & (\$ millions)

Table 72. Infineon Technologies Basic Information, Advanced Power MOSFET Manufacturing Base, Sales Area and Its Competitors

Table 73. Infineon Technologies Advanced Power MOSFET Product Portfolios and Specifications

Table 74. Infineon Technologies Advanced Power MOSFET Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 75. Infineon Technologies Main Business

Table 76. Infineon Technologies Latest Developments

Table 77. ON Semiconductor Basic Information, Advanced Power MOSFET Manufacturing Base, Sales Area and Its Competitors

Table 78. ON Semiconductor Advanced Power MOSFET Product Portfolios and Specifications

Table 79. ON Semiconductor Advanced Power MOSFET Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 80. ON Semiconductor Main Business

Table 81. ON Semiconductor Latest Developments

Table 82. Renesas Electronics Basic Information, Advanced Power MOSFET Manufacturing Base, Sales Area and Its Competitors

Table 83. Renesas Electronics Advanced Power MOSFET Product Portfolios and Specifications

Table 84. Renesas Electronics Advanced Power MOSFET Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 85. Renesas Electronics Main Business

Table 86. Renesas Electronics Latest Developments

Table 87. Toshiba Basic Information, Advanced Power MOSFET Manufacturing Base, Sales Area and Its Competitors

Table 88. Toshiba Advanced Power MOSFET Product Portfolios and Specifications

Table 89. Toshiba Advanced Power MOSFET Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 90. Toshiba Main Business

Table 91. Toshiba Latest Developments

Table 92. STMicroelectronics Basic Information, Advanced Power MOSFET Manufacturing Base, Sales Area and Its Competitors

Table 93. STMicroelectronics Advanced Power MOSFET Product Portfolios and Specifications

Table 94. STMicroelectronics Advanced Power MOSFET Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 95. STMicroelectronics Main Business

Table 96. STMicroelectronics Latest Developments

Table 97. Vishay Basic Information, Advanced Power MOSFET Manufacturing Base, Sales Area and Its Competitors

Table 98. Vishay Advanced Power MOSFET Product Portfolios and Specifications

Table 99. Vishay Advanced Power MOSFET Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 100. Vishay Main Business

Table 101. Vishay Latest Developments

Table 102. Nexperia Basic Information, Advanced Power MOSFET Manufacturing Base, Sales Area and Its Competitors

Table 103. Nexperia Advanced Power MOSFET Product Portfolios and Specifications

Table 104. Nexperia Advanced Power MOSFET Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 105. Nexperia Main Business

Table 106. Nexperia Latest Developments

Table 107. Littelfuse Basic Information, Advanced Power MOSFET Manufacturing Base, Sales Area and Its Competitors

Table 108. Littelfuse Advanced Power MOSFET Product Portfolios and Specifications

Table 109. Littelfuse Advanced Power MOSFET Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 110. Littelfuse Main Business

Table 111. Littelfuse Latest Developments

Table 112. Microchip Technology Basic Information, Advanced Power MOSFET Manufacturing Base, Sales Area and Its Competitors

Table 113. Microchip Technology Advanced Power MOSFET Product Portfolios and Specifications

Table 114. Microchip Technology Advanced Power MOSFET Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 115. Microchip Technology Main Business

Table 116. Microchip Technology Latest Developments

Table 117. Power Integration Basic Information, Advanced Power MOSFET

Manufacturing Base, Sales Area and Its Competitors

Table 118. Power Integration Advanced Power MOSFET Product Portfolios and Specifications

Table 119. Power Integration Advanced Power MOSFET Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 120. Power Integration Main Business

Table 121. Power Integration Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Advanced Power MOSFET
- Figure 2. Advanced Power MOSFET Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Advanced Power MOSFET Sales Growth Rate 2020-2031 (K Units)
- Figure 7. Global Advanced Power MOSFET Revenue Growth Rate 2020-2031 (\$ millions)
- Figure 8. Advanced Power MOSFET Sales by Geographic Region (2020, 2024 & 2031) & (\$ millions)
- Figure 9. Advanced Power MOSFET Sales Market Share by Country/Region (2024)
- Figure 10. Advanced Power MOSFET Sales Market Share by Country/Region (2020, 2024 & 2031)
- Figure 11. Product Picture of SiC
- Figure 12. Product Picture of GaN
- Figure 13. Global Advanced Power MOSFET Sales Market Share by Type in 2025
- Figure 14. Global Advanced Power MOSFET Revenue Market Share by Type (2020-2025)
- Figure 15. Advanced Power MOSFET Consumed in Automotive
- Figure 16. Global Advanced Power MOSFET Market: Automotive (2020-2025) & (K Units)
- Figure 17. Advanced Power MOSFET Consumed in Aerospace
- Figure 18. Global Advanced Power MOSFET Market: Aerospace (2020-2025) & (K Units)
- Figure 19. Global Advanced Power MOSFET Sale Market Share by Application (2024)
- Figure 20. Global Advanced Power MOSFET Revenue Market Share by Application in 2025
- Figure 21. Advanced Power MOSFET Sales by Company in 2025 (K Units)
- Figure 22. Global Advanced Power MOSFET Sales Market Share by Company in 2025
- Figure 23. Advanced Power MOSFET Revenue by Company in 2025 (\$ millions)
- Figure 24. Global Advanced Power MOSFET Revenue Market Share by Company in 2025
- Figure 25. Global Advanced Power MOSFET Sales Market Share by Geographic Region (2020-2025)
- Figure 26. Global Advanced Power MOSFET Revenue Market Share by Geographic

Region in 2025

- Figure 27. Americas Advanced Power MOSFET Sales 2020-2025 (K Units)
- Figure 28. Americas Advanced Power MOSFET Revenue 2020-2025 (\$ millions)
- Figure 29. APAC Advanced Power MOSFET Sales 2020-2025 (K Units)
- Figure 30. APAC Advanced Power MOSFET Revenue 2020-2025 (\$ millions)
- Figure 31. Europe Advanced Power MOSFET Sales 2020-2025 (K Units)
- Figure 32. Europe Advanced Power MOSFET Revenue 2020-2025 (\$ millions)
- Figure 33. Middle East & Africa Advanced Power MOSFET Sales 2020-2025 (K Units)
- Figure 34. Middle East & Africa Advanced Power MOSFET Revenue 2020-2025 (\$ millions)
- Figure 35. Americas Advanced Power MOSFET Sales Market Share by Country in 2025
- Figure 36. Americas Advanced Power MOSFET Revenue Market Share by Country (2020-2025)
- Figure 37. Americas Advanced Power MOSFET Sales Market Share by Type (2020-2025)
- Figure 38. Americas Advanced Power MOSFET Sales Market Share by Application (2020-2025)
- Figure 39. United States Advanced Power MOSFET Revenue Growth 2020-2025 (\$ millions)
- Figure 40. Canada Advanced Power MOSFET Revenue Growth 2020-2025 (\$ millions)
- Figure 41. Mexico Advanced Power MOSFET Revenue Growth 2020-2025 (\$ millions)
- Figure 42. Brazil Advanced Power MOSFET Revenue Growth 2020-2025 (\$ millions)
- Figure 43. APAC Advanced Power MOSFET Sales Market Share by Region in 2025
- Figure 44. APAC Advanced Power MOSFET Revenue Market Share by Region (2020-2025)
- Figure 45. APAC Advanced Power MOSFET Sales Market Share by Type (2020-2025)
- Figure 46. APAC Advanced Power MOSFET Sales Market Share by Application (2020-2025)
- Figure 47. China Advanced Power MOSFET Revenue Growth 2020-2025 (\$ millions)
- Figure 48. Japan Advanced Power MOSFET Revenue Growth 2020-2025 (\$ millions)
- Figure 49. South Korea Advanced Power MOSFET Revenue Growth 2020-2025 (\$ millions)
- Figure 50. Southeast Asia Advanced Power MOSFET Revenue Growth 2020-2025 (\$ millions)
- Figure 51. India Advanced Power MOSFET Revenue Growth 2020-2025 (\$ millions)
- Figure 52. Australia Advanced Power MOSFET Revenue Growth 2020-2025 (\$ millions)
- Figure 53. China Taiwan Advanced Power MOSFET Revenue Growth 2020-2025 (\$ millions)
- Figure 54. Europe Advanced Power MOSFET Sales Market Share by Country in 2025

Figure 55. Europe Advanced Power MOSFET Revenue Market Share by Country (2020-2025)

Figure 56. Europe Advanced Power MOSFET Sales Market Share by Type (2020-2025)

Figure 57. Europe Advanced Power MOSFET Sales Market Share by Application (2020-2025)

Figure 58. Germany Advanced Power MOSFET Revenue Growth 2020-2025 (\$ millions)

Figure 59. France Advanced Power MOSFET Revenue Growth 2020-2025 (\$ millions)

Figure 60. UK Advanced Power MOSFET Revenue Growth 2020-2025 (\$ millions)

Figure 61. Italy Advanced Power MOSFET Revenue Growth 2020-2025 (\$ millions)

Figure 62. Russia Advanced Power MOSFET Revenue Growth 2020-2025 (\$ millions)

Figure 63. Middle East & Africa Advanced Power MOSFET Sales Market Share by Country (2020-2025)

Figure 64. Middle East & Africa Advanced Power MOSFET Sales Market Share by Type (2020-2025)

Figure 65. Middle East & Africa Advanced Power MOSFET Sales Market Share by Application (2020-2025)

Figure 66. Egypt Advanced Power MOSFET Revenue Growth 2020-2025 (\$ millions)

Figure 67. South Africa Advanced Power MOSFET Revenue Growth 2020-2025 (\$ millions)

Figure 68. Israel Advanced Power MOSFET Revenue Growth 2020-2025 (\$ millions)

Figure 69. Turkey Advanced Power MOSFET Revenue Growth 2020-2025 (\$ millions)

Figure 70. GCC Countries Advanced Power MOSFET Revenue Growth 2020-2025 (\$ millions)

Figure 71. Manufacturing Cost Structure Analysis of Advanced Power MOSFET in 2025

Figure 72. Manufacturing Process Analysis of Advanced Power MOSFET

Figure 73. Industry Chain Structure of Advanced Power MOSFET

Figure 74. Channels of Distribution

Figure 75. Global Advanced Power MOSFET Sales Market Forecast by Region (2026-2031)

Figure 76. Global Advanced Power MOSFET Revenue Market Share Forecast by Region (2026-2031)

Figure 77. Global Advanced Power MOSFET Sales Market Share Forecast by Type (2026-2031)

Figure 78. Global Advanced Power MOSFET Revenue Market Share Forecast by Type (2026-2031)

Figure 79. Global Advanced Power MOSFET Sales Market Share Forecast by Application (2026-2031)

Figure 80. Global Advanced Power MOSFET Revenue Market Share Forecast by

Application (2026-2031)

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