

Global Metal Oxide Field Effect Transistor Modules Market Growth 2025-2031

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Abstracts

The global Metal Oxide Field Effect Transistor Modules 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.

The metal–oxide–semiconductor field-effect transistor (MOSFET, MOS-FET, or MOS FET), also known as the metal–oxide–silicon transistor (MOS transistor, or MOS), is a type of insulated-gate field-effect transistor that is fabricated by the controlled oxidation of a semiconductor, typically silicon.

The voltage of the covered gate determines the electrical conductivity of the device; this ability to change conductivity with the amount of applied voltage can be used for amplifying or switching electronic signals.

A MOSFET module is a circuit component that assembles multiple dies into the same sealed enclosure, and the purpose is to obtain a larger current or voltage specification.

United States market for Metal Oxide Field Effect Transistor Modules 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 Metal Oxide Field Effect Transistor Modules 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 Metal Oxide Field Effect Transistor Modules is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Global key Metal Oxide Field Effect Transistor Modules players cover Infineon Technologies, ON Semiconductor, Toshiba, STMicroelectronics, Renesas Electronics, 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 "Metal Oxide Field Effect Transistor Modules Industry Forecast" looks at past sales and reviews total world Metal Oxide Field Effect Transistor Modules sales in 2024, providing a comprehensive analysis by region and market sector of projected Metal Oxide Field Effect Transistor Modules sales for 2025 through 2031. With Metal Oxide Field Effect Transistor Modules sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Metal Oxide Field Effect Transistor Modules industry.

This Insight Report provides a comprehensive analysis of the global Metal Oxide Field Effect Transistor Modules 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 Metal Oxide Field Effect Transistor Modules portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Metal Oxide Field Effect Transistor Modules market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Metal Oxide Field Effect Transistor Modules 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 Metal Oxide Field Effect Transistor Modules.

This report presents a comprehensive overview, market shares, and growth opportunities of Metal Oxide Field Effect Transistor Modules market by product type,

application, key manufacturers and key regions and countries.

Segmentation by Type:

Parallel Mode

Series Mode

Segmentation by Application:

Home Appliance

Automotive

Display & Lighting

Power Supply

Others

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

Toshiba

STMicroelectronics

Renesas Electronics

Fuji Electric

Vishay

Nexperia

AOS

Semikron

Littelfuse

ROHM Semiconductor

China Resources Microelectronics Limited

NCE Power

CRRC Corporation Limited

JCET

Yangjie Electronic Technology

Key Questions Addressed in this Report

What is the 10-year outlook for the global Metal Oxide Field Effect Transistor Modules market?

What factors are driving Metal Oxide Field Effect Transistor Modules market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?
How do Metal Oxide Field Effect Transistor Modules market opportunities vary by end market size?
How does Metal Oxide Field Effect Transistor Modules 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 Metal Oxide Field Effect Transistor Modules Annual Sales 2020-2031
- 2.1.2 World Current & Future Analysis for Metal Oxide Field Effect Transistor Modules by Geographic Region, 2020, 2024 & 2031
- 2.1.3 World Current & Future Analysis for Metal Oxide Field Effect Transistor Modules by Country/Region, 2020, 2024 & 2031

2.2 Metal Oxide Field Effect Transistor Modules Segment by Type

- 2.2.1 Parallel Mode
- 2.2.2 Series Mode

2.3 Metal Oxide Field Effect Transistor Modules Sales by Type

- 2.3.1 Global Metal Oxide Field Effect Transistor Modules Sales Market Share by Type (2020-2025)
- 2.3.2 Global Metal Oxide Field Effect Transistor Modules Revenue and Market Share by Type (2020-2025)
- 2.3.3 Global Metal Oxide Field Effect Transistor Modules Sale Price by Type (2020-2025)

2.4 Metal Oxide Field Effect Transistor Modules Segment by Application

- 2.4.1 Home Appliance
- 2.4.2 Automotive
- 2.4.3 Display & Lighting
- 2.4.4 Power Supply
- 2.4.5 Others

2.5 Metal Oxide Field Effect Transistor Modules Sales by Application

- 2.5.1 Global Metal Oxide Field Effect Transistor Modules Sale Market Share by

Application (2020-2025)

2.5.2 Global Metal Oxide Field Effect Transistor Modules Revenue and Market Share by Application (2020-2025)

2.5.3 Global Metal Oxide Field Effect Transistor Modules Sale Price by Application (2020-2025)

3 GLOBAL BY COMPANY

3.1 Global Metal Oxide Field Effect Transistor Modules Breakdown Data by Company

3.1.1 Global Metal Oxide Field Effect Transistor Modules Annual Sales by Company (2020-2025)

3.1.2 Global Metal Oxide Field Effect Transistor Modules Sales Market Share by Company (2020-2025)

3.2 Global Metal Oxide Field Effect Transistor Modules Annual Revenue by Company (2020-2025)

3.2.1 Global Metal Oxide Field Effect Transistor Modules Revenue by Company (2020-2025)

3.2.2 Global Metal Oxide Field Effect Transistor Modules Revenue Market Share by Company (2020-2025)

3.3 Global Metal Oxide Field Effect Transistor Modules Sale Price by Company

3.4 Key Manufacturers Metal Oxide Field Effect Transistor Modules Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Metal Oxide Field Effect Transistor Modules Product Location Distribution

3.4.2 Players Metal Oxide Field Effect Transistor Modules 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 METAL OXIDE FIELD EFFECT TRANSISTOR MODULES BY GEOGRAPHIC REGION

4.1 World Historic Metal Oxide Field Effect Transistor Modules Market Size by Geographic Region (2020-2025)

4.1.1 Global Metal Oxide Field Effect Transistor Modules Annual Sales by Geographic Region (2020-2025)

4.1.2 Global Metal Oxide Field Effect Transistor Modules Annual Revenue by

Geographic Region (2020-2025)

4.2 World Historic Metal Oxide Field Effect Transistor Modules Market Size by Country/Region (2020-2025)

4.2.1 Global Metal Oxide Field Effect Transistor Modules Annual Sales by Country/Region (2020-2025)

4.2.2 Global Metal Oxide Field Effect Transistor Modules Annual Revenue by Country/Region (2020-2025)

4.3 Americas Metal Oxide Field Effect Transistor Modules Sales Growth

4.4 APAC Metal Oxide Field Effect Transistor Modules Sales Growth

4.5 Europe Metal Oxide Field Effect Transistor Modules Sales Growth

4.6 Middle East & Africa Metal Oxide Field Effect Transistor Modules Sales Growth

5 AMERICAS

5.1 Americas Metal Oxide Field Effect Transistor Modules Sales by Country

5.1.1 Americas Metal Oxide Field Effect Transistor Modules Sales by Country (2020-2025)

5.1.2 Americas Metal Oxide Field Effect Transistor Modules Revenue by Country (2020-2025)

5.2 Americas Metal Oxide Field Effect Transistor Modules Sales by Type (2020-2025)

5.3 Americas Metal Oxide Field Effect Transistor Modules Sales by Application (2020-2025)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Metal Oxide Field Effect Transistor Modules Sales by Region

6.1.1 APAC Metal Oxide Field Effect Transistor Modules Sales by Region (2020-2025)

6.1.2 APAC Metal Oxide Field Effect Transistor Modules Revenue by Region (2020-2025)

6.2 APAC Metal Oxide Field Effect Transistor Modules Sales by Type (2020-2025)

6.3 APAC Metal Oxide Field Effect Transistor Modules 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 Metal Oxide Field Effect Transistor Modules by Country
 - 7.1.1 Europe Metal Oxide Field Effect Transistor Modules Sales by Country (2020-2025)
 - 7.1.2 Europe Metal Oxide Field Effect Transistor Modules Revenue by Country (2020-2025)
- 7.2 Europe Metal Oxide Field Effect Transistor Modules Sales by Type (2020-2025)
- 7.3 Europe Metal Oxide Field Effect Transistor Modules 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 Metal Oxide Field Effect Transistor Modules by Country
 - 8.1.1 Middle East & Africa Metal Oxide Field Effect Transistor Modules Sales by Country (2020-2025)
 - 8.1.2 Middle East & Africa Metal Oxide Field Effect Transistor Modules Revenue by Country (2020-2025)
- 8.2 Middle East & Africa Metal Oxide Field Effect Transistor Modules Sales by Type (2020-2025)
- 8.3 Middle East & Africa Metal Oxide Field Effect Transistor Modules 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 Metal Oxide Field Effect Transistor Modules
- 10.3 Manufacturing Process Analysis of Metal Oxide Field Effect Transistor Modules
- 10.4 Industry Chain Structure of Metal Oxide Field Effect Transistor Modules

11 MARKETING, DISTRIBUTORS AND CUSTOMER

- 11.1 Sales Channel
 - 11.1.1 Direct Channels
 - 11.1.2 Indirect Channels
- 11.2 Metal Oxide Field Effect Transistor Modules Distributors
- 11.3 Metal Oxide Field Effect Transistor Modules Customer

12 WORLD FORECAST REVIEW FOR METAL OXIDE FIELD EFFECT TRANSISTOR MODULES BY GEOGRAPHIC REGION

- 12.1 Global Metal Oxide Field Effect Transistor Modules Market Size Forecast by Region
 - 12.1.1 Global Metal Oxide Field Effect Transistor Modules Forecast by Region (2026-2031)
 - 12.1.2 Global Metal Oxide Field Effect Transistor Modules 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 Metal Oxide Field Effect Transistor Modules Forecast by Type (2026-2031)
- 12.7 Global Metal Oxide Field Effect Transistor Modules 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 Metal Oxide Field Effect Transistor Modules Product Portfolios and Specifications

13.1.3 Infineon Technologies Metal Oxide Field Effect Transistor Modules 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 Metal Oxide Field Effect Transistor Modules Product Portfolios and Specifications

13.2.3 ON Semiconductor Metal Oxide Field Effect Transistor Modules 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 Toshiba

13.3.1 Toshiba Company Information

13.3.2 Toshiba Metal Oxide Field Effect Transistor Modules Product Portfolios and Specifications

13.3.3 Toshiba Metal Oxide Field Effect Transistor Modules Sales, Revenue, Price and Gross Margin (2020-2025)

13.3.4 Toshiba Main Business Overview

13.3.5 Toshiba Latest Developments

13.4 STMicroelectronics

13.4.1 STMicroelectronics Company Information

13.4.2 STMicroelectronics Metal Oxide Field Effect Transistor Modules Product Portfolios and Specifications

13.4.3 STMicroelectronics Metal Oxide Field Effect Transistor Modules Sales, Revenue, Price and Gross Margin (2020-2025)

13.4.4 STMicroelectronics Main Business Overview

13.4.5 STMicroelectronics Latest Developments

13.5 Renesas Electronics

13.5.1 Renesas Electronics Company Information

13.5.2 Renesas Electronics Metal Oxide Field Effect Transistor Modules Product Portfolios and Specifications

13.5.3 Renesas Electronics Metal Oxide Field Effect Transistor Modules Sales, Revenue, Price and Gross Margin (2020-2025)

- 13.5.4 Renesas Electronics Main Business Overview
- 13.5.5 Renesas Electronics Latest Developments
- 13.6 Fuji Electric
 - 13.6.1 Fuji Electric Company Information
 - 13.6.2 Fuji Electric Metal Oxide Field Effect Transistor Modules Product Portfolios and Specifications
 - 13.6.3 Fuji Electric Metal Oxide Field Effect Transistor Modules Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.6.4 Fuji Electric Main Business Overview
 - 13.6.5 Fuji Electric Latest Developments
- 13.7 Vishay
 - 13.7.1 Vishay Company Information
 - 13.7.2 Vishay Metal Oxide Field Effect Transistor Modules Product Portfolios and Specifications
 - 13.7.3 Vishay Metal Oxide Field Effect Transistor Modules Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.7.4 Vishay Main Business Overview
 - 13.7.5 Vishay Latest Developments
- 13.8 Nexperia
 - 13.8.1 Nexperia Company Information
 - 13.8.2 Nexperia Metal Oxide Field Effect Transistor Modules Product Portfolios and Specifications
 - 13.8.3 Nexperia Metal Oxide Field Effect Transistor Modules Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.8.4 Nexperia Main Business Overview
 - 13.8.5 Nexperia Latest Developments
- 13.9 AOS
 - 13.9.1 AOS Company Information
 - 13.9.2 AOS Metal Oxide Field Effect Transistor Modules Product Portfolios and Specifications
 - 13.9.3 AOS Metal Oxide Field Effect Transistor Modules Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.9.4 AOS Main Business Overview
 - 13.9.5 AOS Latest Developments
- 13.10 Semikron
 - 13.10.1 Semikron Company Information
 - 13.10.2 Semikron Metal Oxide Field Effect Transistor Modules Product Portfolios and Specifications
 - 13.10.3 Semikron Metal Oxide Field Effect Transistor Modules Sales, Revenue, Price

and Gross Margin (2020-2025)

13.10.4 Semikron Main Business Overview

13.10.5 Semikron Latest Developments

13.11 Littelfuse

13.11.1 Littelfuse Company Information

13.11.2 Littelfuse Metal Oxide Field Effect Transistor Modules Product Portfolios and Specifications

13.11.3 Littelfuse Metal Oxide Field Effect Transistor Modules Sales, Revenue, Price and Gross Margin (2020-2025)

13.11.4 Littelfuse Main Business Overview

13.11.5 Littelfuse Latest Developments

13.12 ROHM Semiconductor

13.12.1 ROHM Semiconductor Company Information

13.12.2 ROHM Semiconductor Metal Oxide Field Effect Transistor Modules Product Portfolios and Specifications

13.12.3 ROHM Semiconductor Metal Oxide Field Effect Transistor Modules Sales, Revenue, Price and Gross Margin (2020-2025)

13.12.4 ROHM Semiconductor Main Business Overview

13.12.5 ROHM Semiconductor Latest Developments

13.13 China Resources Microelectronics Limited

13.13.1 China Resources Microelectronics Limited Company Information

13.13.2 China Resources Microelectronics Limited Metal Oxide Field Effect Transistor Modules Product Portfolios and Specifications

13.13.3 China Resources Microelectronics Limited Metal Oxide Field Effect Transistor Modules Sales, Revenue, Price and Gross Margin (2020-2025)

13.13.4 China Resources Microelectronics Limited Main Business Overview

13.13.5 China Resources Microelectronics Limited Latest Developments

13.14 NCE Power

13.14.1 NCE Power Company Information

13.14.2 NCE Power Metal Oxide Field Effect Transistor Modules Product Portfolios and Specifications

13.14.3 NCE Power Metal Oxide Field Effect Transistor Modules Sales, Revenue, Price and Gross Margin (2020-2025)

13.14.4 NCE Power Main Business Overview

13.14.5 NCE Power Latest Developments

13.15 CRRC Corporation Limited

13.15.1 CRRC Corporation Limited Company Information

13.15.2 CRRC Corporation Limited Metal Oxide Field Effect Transistor Modules Product Portfolios and Specifications

13.15.3 CRRC Corporation Limited Metal Oxide Field Effect Transistor Modules Sales, Revenue, Price and Gross Margin (2020-2025)

13.15.4 CRRC Corporation Limited Main Business Overview

13.15.5 CRRC Corporation Limited Latest Developments

13.16 JCET

13.16.1 JCET Company Information

13.16.2 JCET Metal Oxide Field Effect Transistor Modules Product Portfolios and Specifications

13.16.3 JCET Metal Oxide Field Effect Transistor Modules Sales, Revenue, Price and Gross Margin (2020-2025)

13.16.4 JCET Main Business Overview

13.16.5 JCET Latest Developments

13.17 Yangjie Electronic Technology

13.17.1 Yangjie Electronic Technology Company Information

13.17.2 Yangjie Electronic Technology Metal Oxide Field Effect Transistor Modules Product Portfolios and Specifications

13.17.3 Yangjie Electronic Technology Metal Oxide Field Effect Transistor Modules Sales, Revenue, Price and Gross Margin (2020-2025)

13.17.4 Yangjie Electronic Technology Main Business Overview

13.17.5 Yangjie Electronic Technology Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

- Table 1. Metal Oxide Field Effect Transistor Modules Annual Sales CAGR by Geographic Region (2020, 2024 & 2031) & (\$ millions)
- Table 2. Metal Oxide Field Effect Transistor Modules Annual Sales CAGR by Country/Region (2020, 2024 & 2031) & (\$ millions)
- Table 3. Major Players of Parallel Mode
- Table 4. Major Players of Series Mode
- Table 5. Global Metal Oxide Field Effect Transistor Modules Sales by Type (2020-2025) & (K Units)
- Table 6. Global Metal Oxide Field Effect Transistor Modules Sales Market Share by Type (2020-2025)
- Table 7. Global Metal Oxide Field Effect Transistor Modules Revenue by Type (2020-2025) & (\$ million)
- Table 8. Global Metal Oxide Field Effect Transistor Modules Revenue Market Share by Type (2020-2025)
- Table 9. Global Metal Oxide Field Effect Transistor Modules Sale Price by Type (2020-2025) & (US\$/Unit)
- Table 10. Global Metal Oxide Field Effect Transistor Modules Sale by Application (2020-2025) & (K Units)
- Table 11. Global Metal Oxide Field Effect Transistor Modules Sale Market Share by Application (2020-2025)
- Table 12. Global Metal Oxide Field Effect Transistor Modules Revenue by Application (2020-2025) & (\$ million)
- Table 13. Global Metal Oxide Field Effect Transistor Modules Revenue Market Share by Application (2020-2025)
- Table 14. Global Metal Oxide Field Effect Transistor Modules Sale Price by Application (2020-2025) & (US\$/Unit)
- Table 15. Global Metal Oxide Field Effect Transistor Modules Sales by Company (2020-2025) & (K Units)
- Table 16. Global Metal Oxide Field Effect Transistor Modules Sales Market Share by Company (2020-2025)
- Table 17. Global Metal Oxide Field Effect Transistor Modules Revenue by Company (2020-2025) & (\$ millions)
- Table 18. Global Metal Oxide Field Effect Transistor Modules Revenue Market Share by Company (2020-2025)
- Table 19. Global Metal Oxide Field Effect Transistor Modules Sale Price by Company

(2020-2025) & (US\$/Unit)

Table 20. Key Manufacturers Metal Oxide Field Effect Transistor Modules Producing Area Distribution and Sales Area

Table 21. Players Metal Oxide Field Effect Transistor Modules Products Offered

Table 22. Metal Oxide Field Effect Transistor Modules 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 Metal Oxide Field Effect Transistor Modules Sales by Geographic Region (2020-2025) & (K Units)

Table 26. Global Metal Oxide Field Effect Transistor Modules Sales Market Share Geographic Region (2020-2025)

Table 27. Global Metal Oxide Field Effect Transistor Modules Revenue by Geographic Region (2020-2025) & (\$ millions)

Table 28. Global Metal Oxide Field Effect Transistor Modules Revenue Market Share by Geographic Region (2020-2025)

Table 29. Global Metal Oxide Field Effect Transistor Modules Sales by Country/Region (2020-2025) & (K Units)

Table 30. Global Metal Oxide Field Effect Transistor Modules Sales Market Share by Country/Region (2020-2025)

Table 31. Global Metal Oxide Field Effect Transistor Modules Revenue by Country/Region (2020-2025) & (\$ millions)

Table 32. Global Metal Oxide Field Effect Transistor Modules Revenue Market Share by Country/Region (2020-2025)

Table 33. Americas Metal Oxide Field Effect Transistor Modules Sales by Country (2020-2025) & (K Units)

Table 34. Americas Metal Oxide Field Effect Transistor Modules Sales Market Share by Country (2020-2025)

Table 35. Americas Metal Oxide Field Effect Transistor Modules Revenue by Country (2020-2025) & (\$ millions)

Table 36. Americas Metal Oxide Field Effect Transistor Modules Sales by Type (2020-2025) & (K Units)

Table 37. Americas Metal Oxide Field Effect Transistor Modules Sales by Application (2020-2025) & (K Units)

Table 38. APAC Metal Oxide Field Effect Transistor Modules Sales by Region (2020-2025) & (K Units)

Table 39. APAC Metal Oxide Field Effect Transistor Modules Sales Market Share by Region (2020-2025)

Table 40. APAC Metal Oxide Field Effect Transistor Modules Revenue by Region

(2020-2025) & (\$ millions)

Table 41. APAC Metal Oxide Field Effect Transistor Modules Sales by Type

(2020-2025) & (K Units)

Table 42. APAC Metal Oxide Field Effect Transistor Modules Sales by Application

(2020-2025) & (K Units)

Table 43. Europe Metal Oxide Field Effect Transistor Modules Sales by Country

(2020-2025) & (K Units)

Table 44. Europe Metal Oxide Field Effect Transistor Modules Revenue by Country

(2020-2025) & (\$ millions)

Table 45. Europe Metal Oxide Field Effect Transistor Modules Sales by Type

(2020-2025) & (K Units)

Table 46. Europe Metal Oxide Field Effect Transistor Modules Sales by Application

(2020-2025) & (K Units)

Table 47. Middle East & Africa Metal Oxide Field Effect Transistor Modules Sales by

Country (2020-2025) & (K Units)

Table 48. Middle East & Africa Metal Oxide Field Effect Transistor Modules Revenue

Market Share by Country (2020-2025)

Table 49. Middle East & Africa Metal Oxide Field Effect Transistor Modules Sales by

Type (2020-2025) & (K Units)

Table 50. Middle East & Africa Metal Oxide Field Effect Transistor Modules Sales by

Application (2020-2025) & (K Units)

Table 51. Key Market Drivers & Growth Opportunities of Metal Oxide Field Effect

Transistor Modules

Table 52. Key Market Challenges & Risks of Metal Oxide Field Effect Transistor

Modules

Table 53. Key Industry Trends of Metal Oxide Field Effect Transistor Modules

Table 54. Metal Oxide Field Effect Transistor Modules Raw Material

Table 55. Key Suppliers of Raw Materials

Table 56. Metal Oxide Field Effect Transistor Modules Distributors List

Table 57. Metal Oxide Field Effect Transistor Modules Customer List

Table 58. Global Metal Oxide Field Effect Transistor Modules Sales Forecast by Region

(2026-2031) & (K Units)

Table 59. Global Metal Oxide Field Effect Transistor Modules Revenue Forecast by

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

Table 60. Americas Metal Oxide Field Effect Transistor Modules Sales Forecast by

Country (2026-2031) & (K Units)

Table 61. Americas Metal Oxide Field Effect Transistor Modules Annual Revenue

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

Table 62. APAC Metal Oxide Field Effect Transistor Modules Sales Forecast by Region

(2026-2031) & (K Units)

Table 63. APAC Metal Oxide Field Effect Transistor Modules Annual Revenue Forecast by Region (2026-2031) & (\$ millions)

Table 64. Europe Metal Oxide Field Effect Transistor Modules Sales Forecast by Country (2026-2031) & (K Units)

Table 65. Europe Metal Oxide Field Effect Transistor Modules Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 66. Middle East & Africa Metal Oxide Field Effect Transistor Modules Sales Forecast by Country (2026-2031) & (K Units)

Table 67. Middle East & Africa Metal Oxide Field Effect Transistor Modules Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 68. Global Metal Oxide Field Effect Transistor Modules Sales Forecast by Type (2026-2031) & (K Units)

Table 69. Global Metal Oxide Field Effect Transistor Modules Revenue Forecast by Type (2026-2031) & (\$ millions)

Table 70. Global Metal Oxide Field Effect Transistor Modules Sales Forecast by Application (2026-2031) & (K Units)

Table 71. Global Metal Oxide Field Effect Transistor Modules Revenue Forecast by Application (2026-2031) & (\$ millions)

Table 72. Infineon Technologies Basic Information, Metal Oxide Field Effect Transistor Modules Manufacturing Base, Sales Area and Its Competitors

Table 73. Infineon Technologies Metal Oxide Field Effect Transistor Modules Product Portfolios and Specifications

Table 74. Infineon Technologies Metal Oxide Field Effect Transistor Modules 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, Metal Oxide Field Effect Transistor Modules Manufacturing Base, Sales Area and Its Competitors

Table 78. ON Semiconductor Metal Oxide Field Effect Transistor Modules Product Portfolios and Specifications

Table 79. ON Semiconductor Metal Oxide Field Effect Transistor Modules 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. Toshiba Basic Information, Metal Oxide Field Effect Transistor Modules Manufacturing Base, Sales Area and Its Competitors

Table 83. Toshiba Metal Oxide Field Effect Transistor Modules Product Portfolios and Specifications

Table 84. Toshiba Metal Oxide Field Effect Transistor Modules Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 85. Toshiba Main Business

Table 86. Toshiba Latest Developments

Table 87. STMicroelectronics Basic Information, Metal Oxide Field Effect Transistor Modules Manufacturing Base, Sales Area and Its Competitors

Table 88. STMicroelectronics Metal Oxide Field Effect Transistor Modules Product Portfolios and Specifications

Table 89. STMicroelectronics Metal Oxide Field Effect Transistor Modules Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 90. STMicroelectronics Main Business

Table 91. STMicroelectronics Latest Developments

Table 92. Renesas Electronics Basic Information, Metal Oxide Field Effect Transistor Modules Manufacturing Base, Sales Area and Its Competitors

Table 93. Renesas Electronics Metal Oxide Field Effect Transistor Modules Product Portfolios and Specifications

Table 94. Renesas Electronics Metal Oxide Field Effect Transistor Modules Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 95. Renesas Electronics Main Business

Table 96. Renesas Electronics Latest Developments

Table 97. Fuji Electric Basic Information, Metal Oxide Field Effect Transistor Modules Manufacturing Base, Sales Area and Its Competitors

Table 98. Fuji Electric Metal Oxide Field Effect Transistor Modules Product Portfolios and Specifications

Table 99. Fuji Electric Metal Oxide Field Effect Transistor Modules Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 100. Fuji Electric Main Business

Table 101. Fuji Electric Latest Developments

Table 102. Vishay Basic Information, Metal Oxide Field Effect Transistor Modules Manufacturing Base, Sales Area and Its Competitors

Table 103. Vishay Metal Oxide Field Effect Transistor Modules Product Portfolios and Specifications

Table 104. Vishay Metal Oxide Field Effect Transistor Modules Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 105. Vishay Main Business

Table 106. Vishay Latest Developments

Table 107. Nexperia Basic Information, Metal Oxide Field Effect Transistor Modules Manufacturing Base, Sales Area and Its Competitors

Table 108. Nexperia Metal Oxide Field Effect Transistor Modules Product Portfolios and

Specifications

Table 109. Nexperia Metal Oxide Field Effect Transistor Modules Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 110. Nexperia Main Business

Table 111. Nexperia Latest Developments

Table 112. AOS Basic Information, Metal Oxide Field Effect Transistor Modules Manufacturing Base, Sales Area and Its Competitors

Table 113. AOS Metal Oxide Field Effect Transistor Modules Product Portfolios and Specifications

Table 114. AOS Metal Oxide Field Effect Transistor Modules Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 115. AOS Main Business

Table 116. AOS Latest Developments

Table 117. Semikron Basic Information, Metal Oxide Field Effect Transistor Modules Manufacturing Base, Sales Area and Its Competitors

Table 118. Semikron Metal Oxide Field Effect Transistor Modules Product Portfolios and Specifications

Table 119. Semikron Metal Oxide Field Effect Transistor Modules Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 120. Semikron Main Business

Table 121. Semikron Latest Developments

Table 122. Littelfuse Basic Information, Metal Oxide Field Effect Transistor Modules Manufacturing Base, Sales Area and Its Competitors

Table 123. Littelfuse Metal Oxide Field Effect Transistor Modules Product Portfolios and Specifications

Table 124. Littelfuse Metal Oxide Field Effect Transistor Modules Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 125. Littelfuse Main Business

Table 126. Littelfuse Latest Developments

Table 127. ROHM Semiconductor Basic Information, Metal Oxide Field Effect Transistor Modules Manufacturing Base, Sales Area and Its Competitors

Table 128. ROHM Semiconductor Metal Oxide Field Effect Transistor Modules Product Portfolios and Specifications

Table 129. ROHM Semiconductor Metal Oxide Field Effect Transistor Modules Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 130. ROHM Semiconductor Main Business

Table 131. ROHM Semiconductor Latest Developments

Table 132. China Resources Microelectronics Limited Basic Information, Metal Oxide Field Effect Transistor Modules Manufacturing Base, Sales Area and Its Competitors

- Table 133. China Resources Microelectronics Limited Metal Oxide Field Effect Transistor Modules Product Portfolios and Specifications
- Table 134. China Resources Microelectronics Limited Metal Oxide Field Effect Transistor Modules Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)
- Table 135. China Resources Microelectronics Limited Main Business
- Table 136. China Resources Microelectronics Limited Latest Developments
- Table 137. NCE Power Basic Information, Metal Oxide Field Effect Transistor Modules Manufacturing Base, Sales Area and Its Competitors
- Table 138. NCE Power Metal Oxide Field Effect Transistor Modules Product Portfolios and Specifications
- Table 139. NCE Power Metal Oxide Field Effect Transistor Modules Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)
- Table 140. NCE Power Main Business
- Table 141. NCE Power Latest Developments
- Table 142. CRRC Corporation Limited Basic Information, Metal Oxide Field Effect Transistor Modules Manufacturing Base, Sales Area and Its Competitors
- Table 143. CRRC Corporation Limited Metal Oxide Field Effect Transistor Modules Product Portfolios and Specifications
- Table 144. CRRC Corporation Limited Metal Oxide Field Effect Transistor Modules Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)
- Table 145. CRRC Corporation Limited Main Business
- Table 146. CRRC Corporation Limited Latest Developments
- Table 147. JCET Basic Information, Metal Oxide Field Effect Transistor Modules Manufacturing Base, Sales Area and Its Competitors
- Table 148. JCET Metal Oxide Field Effect Transistor Modules Product Portfolios and Specifications
- Table 149. JCET Metal Oxide Field Effect Transistor Modules Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)
- Table 150. JCET Main Business
- Table 151. JCET Latest Developments
- Table 152. Yangjie Electronic Technology Basic Information, Metal Oxide Field Effect Transistor Modules Manufacturing Base, Sales Area and Its Competitors
- Table 153. Yangjie Electronic Technology Metal Oxide Field Effect Transistor Modules Product Portfolios and Specifications
- Table 154. Yangjie Electronic Technology Metal Oxide Field Effect Transistor Modules Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)
- Table 155. Yangjie Electronic Technology Main Business
- Table 156. Yangjie Electronic Technology Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Metal Oxide Field Effect Transistor Modules
- Figure 2. Metal Oxide Field Effect Transistor Modules Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Metal Oxide Field Effect Transistor Modules Sales Growth Rate 2020-2031 (K Units)
- Figure 7. Global Metal Oxide Field Effect Transistor Modules Revenue Growth Rate 2020-2031 (\$ millions)
- Figure 8. Metal Oxide Field Effect Transistor Modules Sales by Geographic Region (2020, 2024 & 2031) & (\$ millions)
- Figure 9. Metal Oxide Field Effect Transistor Modules Sales Market Share by Country/Region (2024)
- Figure 10. Metal Oxide Field Effect Transistor Modules Sales Market Share by Country/Region (2020, 2024 & 2031)
- Figure 11. Product Picture of Parallel Mode
- Figure 12. Product Picture of Series Mode
- Figure 13. Global Metal Oxide Field Effect Transistor Modules Sales Market Share by Type in 2025
- Figure 14. Global Metal Oxide Field Effect Transistor Modules Revenue Market Share by Type (2020-2025)
- Figure 15. Metal Oxide Field Effect Transistor Modules Consumed in Home Appliance
- Figure 16. Global Metal Oxide Field Effect Transistor Modules Market: Home Appliance (2020-2025) & (K Units)
- Figure 17. Metal Oxide Field Effect Transistor Modules Consumed in Automotive
- Figure 18. Global Metal Oxide Field Effect Transistor Modules Market: Automotive (2020-2025) & (K Units)
- Figure 19. Metal Oxide Field Effect Transistor Modules Consumed in Display & Lighting
- Figure 20. Global Metal Oxide Field Effect Transistor Modules Market: Display & Lighting (2020-2025) & (K Units)
- Figure 21. Metal Oxide Field Effect Transistor Modules Consumed in Power Supply
- Figure 22. Global Metal Oxide Field Effect Transistor Modules Market: Power Supply (2020-2025) & (K Units)
- Figure 23. Metal Oxide Field Effect Transistor Modules Consumed in Others
- Figure 24. Global Metal Oxide Field Effect Transistor Modules Market: Others

(2020-2025) & (K Units)

Figure 25. Global Metal Oxide Field Effect Transistor Modules Sale Market Share by Application (2024)

Figure 26. Global Metal Oxide Field Effect Transistor Modules Revenue Market Share by Application in 2025

Figure 27. Metal Oxide Field Effect Transistor Modules Sales by Company in 2025 (K Units)

Figure 28. Global Metal Oxide Field Effect Transistor Modules Sales Market Share by Company in 2025

Figure 29. Metal Oxide Field Effect Transistor Modules Revenue by Company in 2025 (\$ millions)

Figure 30. Global Metal Oxide Field Effect Transistor Modules Revenue Market Share by Company in 2025

Figure 31. Global Metal Oxide Field Effect Transistor Modules Sales Market Share by Geographic Region (2020-2025)

Figure 32. Global Metal Oxide Field Effect Transistor Modules Revenue Market Share by Geographic Region in 2025

Figure 33. Americas Metal Oxide Field Effect Transistor Modules Sales 2020-2025 (K Units)

Figure 34. Americas Metal Oxide Field Effect Transistor Modules Revenue 2020-2025 (\$ millions)

Figure 35. APAC Metal Oxide Field Effect Transistor Modules Sales 2020-2025 (K Units)

Figure 36. APAC Metal Oxide Field Effect Transistor Modules Revenue 2020-2025 (\$ millions)

Figure 37. Europe Metal Oxide Field Effect Transistor Modules Sales 2020-2025 (K Units)

Figure 38. Europe Metal Oxide Field Effect Transistor Modules Revenue 2020-2025 (\$ millions)

Figure 39. Middle East & Africa Metal Oxide Field Effect Transistor Modules Sales 2020-2025 (K Units)

Figure 40. Middle East & Africa Metal Oxide Field Effect Transistor Modules Revenue 2020-2025 (\$ millions)

Figure 41. Americas Metal Oxide Field Effect Transistor Modules Sales Market Share by Country in 2025

Figure 42. Americas Metal Oxide Field Effect Transistor Modules Revenue Market Share by Country (2020-2025)

Figure 43. Americas Metal Oxide Field Effect Transistor Modules Sales Market Share by Type (2020-2025)

Figure 44. Americas Metal Oxide Field Effect Transistor Modules Sales Market Share by Application (2020-2025)

Figure 45. United States Metal Oxide Field Effect Transistor Modules Revenue Growth 2020-2025 (\$ millions)

Figure 46. Canada Metal Oxide Field Effect Transistor Modules Revenue Growth 2020-2025 (\$ millions)

Figure 47. Mexico Metal Oxide Field Effect Transistor Modules Revenue Growth 2020-2025 (\$ millions)

Figure 48. Brazil Metal Oxide Field Effect Transistor Modules Revenue Growth 2020-2025 (\$ millions)

Figure 49. APAC Metal Oxide Field Effect Transistor Modules Sales Market Share by Region in 2025

Figure 50. APAC Metal Oxide Field Effect Transistor Modules Revenue Market Share by Region (2020-2025)

Figure 51. APAC Metal Oxide Field Effect Transistor Modules Sales Market Share by Type (2020-2025)

Figure 52. APAC Metal Oxide Field Effect Transistor Modules Sales Market Share by Application (2020-2025)

Figure 53. China Metal Oxide Field Effect Transistor Modules Revenue Growth 2020-2025 (\$ millions)

Figure 54. Japan Metal Oxide Field Effect Transistor Modules Revenue Growth 2020-2025 (\$ millions)

Figure 55. South Korea Metal Oxide Field Effect Transistor Modules Revenue Growth 2020-2025 (\$ millions)

Figure 56. Southeast Asia Metal Oxide Field Effect Transistor Modules Revenue Growth 2020-2025 (\$ millions)

Figure 57. India Metal Oxide Field Effect Transistor Modules Revenue Growth 2020-2025 (\$ millions)

Figure 58. Australia Metal Oxide Field Effect Transistor Modules Revenue Growth 2020-2025 (\$ millions)

Figure 59. China Taiwan Metal Oxide Field Effect Transistor Modules Revenue Growth 2020-2025 (\$ millions)

Figure 60. Europe Metal Oxide Field Effect Transistor Modules Sales Market Share by Country in 2025

Figure 61. Europe Metal Oxide Field Effect Transistor Modules Revenue Market Share by Country (2020-2025)

Figure 62. Europe Metal Oxide Field Effect Transistor Modules Sales Market Share by Type (2020-2025)

Figure 63. Europe Metal Oxide Field Effect Transistor Modules Sales Market Share by

Application (2020-2025)

Figure 64. Germany Metal Oxide Field Effect Transistor Modules Revenue Growth 2020-2025 (\$ millions)

Figure 65. France Metal Oxide Field Effect Transistor Modules Revenue Growth 2020-2025 (\$ millions)

Figure 66. UK Metal Oxide Field Effect Transistor Modules Revenue Growth 2020-2025 (\$ millions)

Figure 67. Italy Metal Oxide Field Effect Transistor Modules Revenue Growth 2020-2025 (\$ millions)

Figure 68. Russia Metal Oxide Field Effect Transistor Modules Revenue Growth 2020-2025 (\$ millions)

Figure 69. Middle East & Africa Metal Oxide Field Effect Transistor Modules Sales Market Share by Country (2020-2025)

Figure 70. Middle East & Africa Metal Oxide Field Effect Transistor Modules Sales Market Share by Type (2020-2025)

Figure 71. Middle East & Africa Metal Oxide Field Effect Transistor Modules Sales Market Share by Application (2020-2025)

Figure 72. Egypt Metal Oxide Field Effect Transistor Modules Revenue Growth 2020-2025 (\$ millions)

Figure 73. South Africa Metal Oxide Field Effect Transistor Modules Revenue Growth 2020-2025 (\$ millions)

Figure 74. Israel Metal Oxide Field Effect Transistor Modules Revenue Growth 2020-2025 (\$ millions)

Figure 75. Turkey Metal Oxide Field Effect Transistor Modules Revenue Growth 2020-2025 (\$ millions)

Figure 76. GCC Countries Metal Oxide Field Effect Transistor Modules Revenue Growth 2020-2025 (\$ millions)

Figure 77. Manufacturing Cost Structure Analysis of Metal Oxide Field Effect Transistor Modules in 2025

Figure 78. Manufacturing Process Analysis of Metal Oxide Field Effect Transistor Modules

Figure 79. Industry Chain Structure of Metal Oxide Field Effect Transistor Modules

Figure 80. Channels of Distribution

Figure 81. Global Metal Oxide Field Effect Transistor Modules Sales Market Forecast by Region (2026-2031)

Figure 82. Global Metal Oxide Field Effect Transistor Modules Revenue Market Share Forecast by Region (2026-2031)

Figure 83. Global Metal Oxide Field Effect Transistor Modules Sales Market Share Forecast by Type (2026-2031)

Figure 84. Global Metal Oxide Field Effect Transistor Modules Revenue Market Share Forecast by Type (2026-2031)

Figure 85. Global Metal Oxide Field Effect Transistor Modules Sales Market Share Forecast by Application (2026-2031)

Figure 86. Global Metal Oxide Field Effect Transistor Modules Revenue Market Share Forecast by Application (2026-2031)

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