

# Global MOSFET & IGBT Gate Drivers Market Growth 2025-2031

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## Abstracts

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The global MOSFET & IGBT Gate Drivers market size is predicted to grow from US\$ 1754 million in 2025 to US\$ 2447 million in 2031; it is expected to grow at a CAGR of 5.7% from 2025 to 2031.

This report studies the MOSFET & IGBT Gate Drivers market. A gate driver is a power amplifier that accepts a low-power input from a controller IC and produces a high-current drive input for the gate of a high-power transistor such as an IGBT or power MOSFET. Gate drivers can be provided either on-chip or as a discrete module. In essence, a gate driver consists of a level shifter in combination with an amplifier.

Global MOSFET & IGBT Gate Drivers key players include Infineon Technologies, ON Semiconductor, STMicroelectronics, ROHM Semiconductor, NXP Semiconductors, etc. Global top five manufacturers hold a share about 55%. Asia-Pacific is the largest market, with a share about 60%, followed by Europe, with a share about 20 percent. In terms of product, Half-bridge Gate Drivers is the largest segment, with a share about 40%. And in terms of application, the largest application is Power Supply, followed by Automotive, Display & Lighting, Home Appliance, etc.

LP Information, Inc. (LPI) ' newest research report, the "MOSFET & IGBT Gate Drivers Industry Forecast" looks at past sales and reviews total world MOSFET & IGBT Gate Drivers sales in 2024, providing a comprehensive analysis by region and market sector of projected MOSFET & IGBT Gate Drivers sales for 2025 through 2031. With MOSFET & IGBT Gate Drivers sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world MOSFET & IGBT Gate

Drivers industry.

This Insight Report provides a comprehensive analysis of the global MOSFET & IGBT Gate Drivers 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 MOSFET & IGBT Gate Drivers portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global MOSFET & IGBT Gate Drivers market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for MOSFET & IGBT Gate Drivers 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 MOSFET & IGBT Gate Drivers.

This report presents a comprehensive overview, market shares, and growth opportunities of MOSFET & IGBT Gate Drivers market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Single Channel Gate Drivers

Half-bridge Gate Drivers

Full Bridge Gate Drivers

Three Phase Gate Drivers

Others

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

STMicroelectronics

ROHM Semiconductor

NXP Semiconductors

Texas Instruments

Microchip

Power Integrations

Vishay

Broadcom

Analog Devices

IXYS

Toshiba

Renesas

Powerex

#### Key Questions Addressed in this Report

What is the 10-year outlook for the global MOSFET & IGBT Gate Drivers market?

What factors are driving MOSFET & IGBT Gate Drivers market growth, globally and by region?

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

How do MOSFET & IGBT Gate Drivers market opportunities vary by end market size?

How does MOSFET & IGBT Gate Drivers 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 MOSFET & IGBT Gate Drivers Annual Sales 2020-2031
  - 2.1.2 World Current & Future Analysis for MOSFET & IGBT Gate Drivers by Geographic Region, 2020, 2024 & 2031
  - 2.1.3 World Current & Future Analysis for MOSFET & IGBT Gate Drivers by Country/Region, 2020, 2024 & 2031
- 2.2 MOSFET & IGBT Gate Drivers Segment by Type
  - 2.2.1 Single Channel Gate Drivers
  - 2.2.2 Half-bridge Gate Drivers
  - 2.2.3 Full Bridge Gate Drivers
  - 2.2.4 Three Phase Gate Drivers
  - 2.2.5 Others
- 2.3 MOSFET & IGBT Gate Drivers Sales by Type
  - 2.3.1 Global MOSFET & IGBT Gate Drivers Sales Market Share by Type (2020-2025)
  - 2.3.2 Global MOSFET & IGBT Gate Drivers Revenue and Market Share by Type (2020-2025)
  - 2.3.3 Global MOSFET & IGBT Gate Drivers Sale Price by Type (2020-2025)
- 2.4 MOSFET & IGBT Gate Drivers 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 MOSFET & IGBT Gate Drivers Sales by Application

2.5.1 Global MOSFET & IGBT Gate Drivers Sale Market Share by Application (2020-2025)

2.5.2 Global MOSFET & IGBT Gate Drivers Revenue and Market Share by Application (2020-2025)

2.5.3 Global MOSFET & IGBT Gate Drivers Sale Price by Application (2020-2025)

### **3 GLOBAL BY COMPANY**

3.1 Global MOSFET & IGBT Gate Drivers Breakdown Data by Company

3.1.1 Global MOSFET & IGBT Gate Drivers Annual Sales by Company (2020-2025)

3.1.2 Global MOSFET & IGBT Gate Drivers Sales Market Share by Company (2020-2025)

3.2 Global MOSFET & IGBT Gate Drivers Annual Revenue by Company (2020-2025)

3.2.1 Global MOSFET & IGBT Gate Drivers Revenue by Company (2020-2025)

3.2.2 Global MOSFET & IGBT Gate Drivers Revenue Market Share by Company (2020-2025)

3.3 Global MOSFET & IGBT Gate Drivers Sale Price by Company

3.4 Key Manufacturers MOSFET & IGBT Gate Drivers Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers MOSFET & IGBT Gate Drivers Product Location Distribution

3.4.2 Players MOSFET & IGBT Gate Drivers 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 MOSFET & IGBT GATE DRIVERS BY GEOGRAPHIC REGION**

4.1 World Historic MOSFET & IGBT Gate Drivers Market Size by Geographic Region (2020-2025)

4.1.1 Global MOSFET & IGBT Gate Drivers Annual Sales by Geographic Region (2020-2025)

4.1.2 Global MOSFET & IGBT Gate Drivers Annual Revenue by Geographic Region (2020-2025)

4.2 World Historic MOSFET & IGBT Gate Drivers Market Size by Country/Region (2020-2025)

4.2.1 Global MOSFET & IGBT Gate Drivers Annual Sales by Country/Region

(2020-2025)

4.2.2 Global MOSFET & IGBT Gate Drivers Annual Revenue by Country/Region

(2020-2025)

4.3 Americas MOSFET & IGBT Gate Drivers Sales Growth

4.4 APAC MOSFET & IGBT Gate Drivers Sales Growth

4.5 Europe MOSFET & IGBT Gate Drivers Sales Growth

4.6 Middle East & Africa MOSFET & IGBT Gate Drivers Sales Growth

## **5 AMERICAS**

5.1 Americas MOSFET & IGBT Gate Drivers Sales by Country

5.1.1 Americas MOSFET & IGBT Gate Drivers Sales by Country (2020-2025)

5.1.2 Americas MOSFET & IGBT Gate Drivers Revenue by Country (2020-2025)

5.2 Americas MOSFET & IGBT Gate Drivers Sales by Type (2020-2025)

5.3 Americas MOSFET & IGBT Gate Drivers Sales by Application (2020-2025)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

## **6 APAC**

6.1 APAC MOSFET & IGBT Gate Drivers Sales by Region

6.1.1 APAC MOSFET & IGBT Gate Drivers Sales by Region (2020-2025)

6.1.2 APAC MOSFET & IGBT Gate Drivers Revenue by Region (2020-2025)

6.2 APAC MOSFET & IGBT Gate Drivers Sales by Type (2020-2025)

6.3 APAC MOSFET & IGBT Gate Drivers 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 MOSFET & IGBT Gate Drivers by Country

7.1.1 Europe MOSFET & IGBT Gate Drivers Sales by Country (2020-2025)

- 7.1.2 Europe MOSFET & IGBT Gate Drivers Revenue by Country (2020-2025)
- 7.2 Europe MOSFET & IGBT Gate Drivers Sales by Type (2020-2025)
- 7.3 Europe MOSFET & IGBT Gate Drivers 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 MOSFET & IGBT Gate Drivers by Country
  - 8.1.1 Middle East & Africa MOSFET & IGBT Gate Drivers Sales by Country (2020-2025)
  - 8.1.2 Middle East & Africa MOSFET & IGBT Gate Drivers Revenue by Country (2020-2025)
- 8.2 Middle East & Africa MOSFET & IGBT Gate Drivers Sales by Type (2020-2025)
- 8.3 Middle East & Africa MOSFET & IGBT Gate Drivers 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 MOSFET & IGBT Gate Drivers
- 10.3 Manufacturing Process Analysis of MOSFET & IGBT Gate Drivers
- 10.4 Industry Chain Structure of MOSFET & IGBT Gate Drivers

## **11 MARKETING, DISTRIBUTORS AND CUSTOMER**

## 11.1 Sales Channel

### 11.1.1 Direct Channels

### 11.1.2 Indirect Channels

## 11.2 MOSFET & IGBT Gate Drivers Distributors

## 11.3 MOSFET & IGBT Gate Drivers Customer

# **12 WORLD FORECAST REVIEW FOR MOSFET & IGBT GATE DRIVERS BY GEOGRAPHIC REGION**

## 12.1 Global MOSFET & IGBT Gate Drivers Market Size Forecast by Region

### 12.1.1 Global MOSFET & IGBT Gate Drivers Forecast by Region (2026-2031)

### 12.1.2 Global MOSFET & IGBT Gate Drivers 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 MOSFET & IGBT Gate Drivers Forecast by Type (2026-2031)

## 12.7 Global MOSFET & IGBT Gate Drivers 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 MOSFET & IGBT Gate Drivers Product Portfolios and Specifications

### 13.1.3 Infineon Technologies MOSFET & IGBT Gate Drivers 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 MOSFET & IGBT Gate Drivers Product Portfolios and Specifications

### 13.2.3 ON Semiconductor MOSFET & IGBT Gate Drivers 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 STMicroelectronics

#### 13.3.1 STMicroelectronics Company Information

#### 13.3.2 STMicroelectronics MOSFET & IGBT Gate Drivers Product Portfolios and Specifications

#### 13.3.3 STMicroelectronics MOSFET & IGBT Gate Drivers Sales, Revenue, Price and Gross Margin (2020-2025)

#### 13.3.4 STMicroelectronics Main Business Overview

#### 13.3.5 STMicroelectronics Latest Developments

### 13.4 ROHM Semiconductor

#### 13.4.1 ROHM Semiconductor Company Information

#### 13.4.2 ROHM Semiconductor MOSFET & IGBT Gate Drivers Product Portfolios and Specifications

#### 13.4.3 ROHM Semiconductor MOSFET & IGBT Gate Drivers Sales, Revenue, Price and Gross Margin (2020-2025)

#### 13.4.4 ROHM Semiconductor Main Business Overview

#### 13.4.5 ROHM Semiconductor Latest Developments

### 13.5 NXP Semiconductors

#### 13.5.1 NXP Semiconductors Company Information

#### 13.5.2 NXP Semiconductors MOSFET & IGBT Gate Drivers Product Portfolios and Specifications

#### 13.5.3 NXP Semiconductors MOSFET & IGBT Gate Drivers Sales, Revenue, Price and Gross Margin (2020-2025)

#### 13.5.4 NXP Semiconductors Main Business Overview

#### 13.5.5 NXP Semiconductors Latest Developments

### 13.6 Texas Instruments

#### 13.6.1 Texas Instruments Company Information

#### 13.6.2 Texas Instruments MOSFET & IGBT Gate Drivers Product Portfolios and Specifications

#### 13.6.3 Texas Instruments MOSFET & IGBT Gate Drivers Sales, Revenue, Price and Gross Margin (2020-2025)

#### 13.6.4 Texas Instruments Main Business Overview

#### 13.6.5 Texas Instruments Latest Developments

### 13.7 Microchip

#### 13.7.1 Microchip Company Information

#### 13.7.2 Microchip MOSFET & IGBT Gate Drivers Product Portfolios and Specifications

#### 13.7.3 Microchip MOSFET & IGBT Gate Drivers Sales, Revenue, Price and Gross Margin (2020-2025)

#### 13.7.4 Microchip Main Business Overview

#### 13.7.5 Microchip Latest Developments

## 13.8 Power Integrations

### 13.8.1 Power Integrations Company Information

### 13.8.2 Power Integrations MOSFET & IGBT Gate Drivers Product Portfolios and Specifications

### 13.8.3 Power Integrations MOSFET & IGBT Gate Drivers Sales, Revenue, Price and Gross Margin (2020-2025)

### 13.8.4 Power Integrations Main Business Overview

### 13.8.5 Power Integrations Latest Developments

## 13.9 Vishay

### 13.9.1 Vishay Company Information

### 13.9.2 Vishay MOSFET & IGBT Gate Drivers Product Portfolios and Specifications

### 13.9.3 Vishay MOSFET & IGBT Gate Drivers Sales, Revenue, Price and Gross Margin (2020-2025)

### 13.9.4 Vishay Main Business Overview

### 13.9.5 Vishay Latest Developments

## 13.10 Broadcom

### 13.10.1 Broadcom Company Information

### 13.10.2 Broadcom MOSFET & IGBT Gate Drivers Product Portfolios and Specifications

### 13.10.3 Broadcom MOSFET & IGBT Gate Drivers Sales, Revenue, Price and Gross Margin (2020-2025)

### 13.10.4 Broadcom Main Business Overview

### 13.10.5 Broadcom Latest Developments

## 13.11 Analog Devices

### 13.11.1 Analog Devices Company Information

### 13.11.2 Analog Devices MOSFET & IGBT Gate Drivers Product Portfolios and Specifications

### 13.11.3 Analog Devices MOSFET & IGBT Gate Drivers Sales, Revenue, Price and Gross Margin (2020-2025)

### 13.11.4 Analog Devices Main Business Overview

### 13.11.5 Analog Devices Latest Developments

## 13.12 IXYS

### 13.12.1 IXYS Company Information

### 13.12.2 IXYS MOSFET & IGBT Gate Drivers Product Portfolios and Specifications

### 13.12.3 IXYS MOSFET & IGBT Gate Drivers Sales, Revenue, Price and Gross Margin (2020-2025)

### 13.12.4 IXYS Main Business Overview

### 13.12.5 IXYS Latest Developments

## 13.13 Toshiba

- 13.13.1 Toshiba Company Information
- 13.13.2 Toshiba MOSFET & IGBT Gate Drivers Product Portfolios and Specifications
- 13.13.3 Toshiba MOSFET & IGBT Gate Drivers Sales, Revenue, Price and Gross Margin (2020-2025)
- 13.13.4 Toshiba Main Business Overview
- 13.13.5 Toshiba Latest Developments
- 13.14 Renesas
  - 13.14.1 Renesas Company Information
  - 13.14.2 Renesas MOSFET & IGBT Gate Drivers Product Portfolios and Specifications
  - 13.14.3 Renesas MOSFET & IGBT Gate Drivers Sales, Revenue, Price and Gross Margin (2020-2025)
  - 13.14.4 Renesas Main Business Overview
  - 13.14.5 Renesas Latest Developments
- 13.15 Powerex
  - 13.15.1 Powerex Company Information
  - 13.15.2 Powerex MOSFET & IGBT Gate Drivers Product Portfolios and Specifications
  - 13.15.3 Powerex MOSFET & IGBT Gate Drivers Sales, Revenue, Price and Gross Margin (2020-2025)
  - 13.15.4 Powerex Main Business Overview
  - 13.15.5 Powerex Latest Developments

## **14 RESEARCH FINDINGS AND CONCLUSION**

### **LIST OF TABLES**

- Table 1. MOSFET & IGBT Gate Drivers Annual Sales CAGR by Geographic Region (2020, 2024 & 2031) & (\$ millions)
- Table 2. MOSFET & IGBT Gate Drivers Annual Sales CAGR by Country/Region (2020, 2024 & 2031) & (\$ millions)
- Table 3. Major Players of Single Channel Gate Drivers
- Table 4. Major Players of Half-bridge Gate Drivers
- Table 5. Major Players of Full Bridge Gate Drivers
- Table 6. Major Players of Three Phase Gate Drivers
- Table 7. Major Players of Others
- Table 8. Global MOSFET & IGBT Gate Drivers Sales by Type (2020-2025) & (M Units)
- Table 9. Global MOSFET & IGBT Gate Drivers Sales Market Share by Type (2020-2025)
- Table 10. Global MOSFET & IGBT Gate Drivers Revenue by Type (2020-2025) & (\$

million)

Table 11. Global MOSFET & IGBT Gate Drivers Revenue Market Share byType  
(2020-2025)

Table 12. Global MOSFET & IGBT Gate Drivers Sale Price byType (2020-2025) &  
(USD/Unit)

Table 13. Global MOSFET & IGBT Gate Drivers Sale by Application (2020-2025) & (M  
Units)

Table 14. Global MOSFET & IGBT Gate Drivers Sale Market Share by Application  
(2020-2025)

Table 15. Global MOSFET & IGBT Gate Drivers Revenue by Application (2020-2025) &  
(\$ million)

Table 16. Global MOSFET & IGBT Gate Drivers Revenue Market Share by Application  
(2020-2025)

Table 17. Global MOSFET & IGBT Gate Drivers Sale Price by Application (2020-2025)  
& (USD/Unit)

Table 18. Global MOSFET & IGBT Gate Drivers Sales by Company (2020-2025) & (M  
Units)

Table 19. Global MOSFET & IGBT Gate Drivers Sales Market Share by Company  
(2020-2025)

Table 20. Global MOSFET & IGBT Gate Drivers Revenue by Company (2020-2025) &  
(\$ millions)

Table 21. Global MOSFET & IGBT Gate Drivers Revenue Market Share by Company  
(2020-2025)

Table 22. Global MOSFET & IGBT Gate Drivers Sale Price by Company (2020-2025) &  
(USD/Unit)

Table 23. Key Manufacturers MOSFET & IGBT Gate Drivers Producing Area  
Distribution and Sales Area

Table 24. Players MOSFET & IGBT Gate Drivers Products Offered

Table 25. MOSFET & IGBT Gate Drivers Concentration Ratio (CR3, CR5 and CR10) &  
(2023-2025)

Table 26. New Products and Potential Entrants

Table 27. Market M&A Activity & Strategy

Table 28. Global MOSFET & IGBT Gate Drivers Sales by Geographic Region  
(2020-2025) & (M Units)

Table 29. Global MOSFET & IGBT Gate Drivers Sales Market Share Geographic  
Region (2020-2025)

Table 30. Global MOSFET & IGBT Gate Drivers Revenue by Geographic Region  
(2020-2025) & (\$ millions)

Table 31. Global MOSFET & IGBT Gate Drivers Revenue Market Share by Geographic

## Region (2020-2025)

Table 32. Global MOSFET & IGBT Gate Drivers Sales by Country/Region (2020-2025) & (M Units)

Table 33. Global MOSFET & IGBT Gate Drivers Sales Market Share by Country/Region (2020-2025)

Table 34. Global MOSFET & IGBT Gate Drivers Revenue by Country/Region (2020-2025) & (\$ millions)

Table 35. Global MOSFET & IGBT Gate Drivers Revenue Market Share by Country/Region (2020-2025)

Table 36. Americas MOSFET & IGBT Gate Drivers Sales by Country (2020-2025) & (M Units)

Table 37. Americas MOSFET & IGBT Gate Drivers Sales Market Share by Country (2020-2025)

Table 38. Americas MOSFET & IGBT Gate Drivers Revenue by Country (2020-2025) & (\$ millions)

Table 39. Americas MOSFET & IGBT Gate Drivers Sales byType (2020-2025) & (M Units)

Table 40. Americas MOSFET & IGBT Gate Drivers Sales by Application (2020-2025) & (M Units)

Table 41. APAC MOSFET & IGBT Gate Drivers Sales by Region (2020-2025) & (M Units)

Table 42. APAC MOSFET & IGBT Gate Drivers Sales Market Share by Region (2020-2025)

Table 43. APAC MOSFET & IGBT Gate Drivers Revenue by Region (2020-2025) & (\$ millions)

Table 44. APAC MOSFET & IGBT Gate Drivers Sales byType (2020-2025) & (M Units)

Table 45. APAC MOSFET & IGBT Gate Drivers Sales by Application (2020-2025) & (M Units)

Table 46. Europe MOSFET & IGBT Gate Drivers Sales by Country (2020-2025) & (M Units)

Table 47. Europe MOSFET & IGBT Gate Drivers Revenue by Country (2020-2025) & (\$ millions)

Table 48. Europe MOSFET & IGBT Gate Drivers Sales byType (2020-2025) & (M Units)

Table 49. Europe MOSFET & IGBT Gate Drivers Sales by Application (2020-2025) & (M Units)

Table 50. Middle East & Africa MOSFET & IGBT Gate Drivers Sales by Country (2020-2025) & (M Units)

Table 51. Middle East & Africa MOSFET & IGBT Gate Drivers Revenue Market Share by Country (2020-2025)

|                                                                                                                     |
|---------------------------------------------------------------------------------------------------------------------|
| Table 52. Middle East & Africa MOSFET & IGBT Gate Drivers Sales byType<br>(2020-2025) & (M Units)                   |
| Table 53. Middle East & Africa MOSFET & IGBT Gate Drivers Sales by Application<br>(2020-2025) & (M Units)           |
| Table 54. Key Market Drivers & Growth Opportunities of MOSFET & IGBT Gate Drivers                                   |
| Table 55. Key Market Challenges & Risks of MOSFET & IGBT Gate Drivers                                               |
| Table 56. Key IndustryTrends of MOSFET & IGBT Gate Drivers                                                          |
| Table 57. MOSFET & IGBT Gate Drivers Raw Material                                                                   |
| Table 58. Key Suppliers of Raw Materials                                                                            |
| Table 59. MOSFET & IGBT Gate Drivers Distributors List                                                              |
| Table 60. MOSFET & IGBT Gate Drivers Customer List                                                                  |
| Table 61. Global MOSFET & IGBT Gate Drivers SalesForecast by Region (2026-2031)<br>& (M Units)                      |
| Table 62. Global MOSFET & IGBT Gate Drivers RevenueForecast by Region<br>(2026-2031) & (\$ millions)                |
| Table 63. Americas MOSFET & IGBT Gate Drivers SalesForecast by Country<br>(2026-2031) & (M Units)                   |
| Table 64. Americas MOSFET & IGBT Gate Drivers Annual RevenueForecast by<br>Country (2026-2031) & (\$ millions)      |
| Table 65. APAC MOSFET & IGBT Gate Drivers SalesForecast by Region (2026-2031)<br>& (M Units)                        |
| Table 66. APAC MOSFET & IGBT Gate Drivers Annual RevenueForecast by Region<br>(2026-2031) & (\$ millions)           |
| Table 67. Europe MOSFET & IGBT Gate Drivers SalesForecast by Country<br>(2026-2031) & (M Units)                     |
| Table 68. Europe MOSFET & IGBT Gate Drivers RevenueForecast by Country<br>(2026-2031) & (\$ millions)               |
| Table 69. Middle East & Africa MOSFET & IGBT Gate Drivers SalesForecast by<br>Country (2026-2031) & (M Units)       |
| Table 70. Middle East & Africa MOSFET & IGBT Gate Drivers RevenueForecast by<br>Country (2026-2031) & (\$ millions) |
| Table 71. Global MOSFET & IGBT Gate Drivers SalesForecast byType (2026-2031) &<br>(M Units)                         |
| Table 72. Global MOSFET & IGBT Gate Drivers RevenueForecast byType (2026-2031)<br>& (\$ millions)                   |
| Table 73. Global MOSFET & IGBT Gate Drivers SalesForecast by Application<br>(2026-2031) & (M Units)                 |
| Table 74. Global MOSFET & IGBT Gate Drivers RevenueForecast by Application<br>(2026-2031) & (\$ millions)           |

Table 75. InfineonTechnologies Basic Information, MOSFET & IGBT Gate Drivers  
Manufacturing Base, Sales Area and Its Competitors

Table 76. InfineonTechnologies MOSFET & IGBT Gate Drivers Product Portfolios and  
Specifications

Table 77. InfineonTechnologies MOSFET & IGBT Gate Drivers Sales (M Units),  
Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 78. InfineonTechnologies Main Business

Table 79. InfineonTechnologies Latest Developments

Table 80. ON Semiconductor Basic Information, MOSFET & IGBT Gate Drivers  
Manufacturing Base, Sales Area and Its Competitors

Table 81. ON Semiconductor MOSFET & IGBT Gate Drivers Product Portfolios and  
Specifications

Table 82. ON Semiconductor MOSFET & IGBT Gate Drivers Sales (M Units), Revenue  
(\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 83. ON Semiconductor Main Business

Table 84. ON Semiconductor Latest Developments

Table 85. STMicroelectronics Basic Information, MOSFET & IGBT Gate Drivers  
Manufacturing Base, Sales Area and Its Competitors

Table 86. STMicroelectronics MOSFET & IGBT Gate Drivers Product Portfolios and  
Specifications

Table 87. STMicroelectronics MOSFET & IGBT Gate Drivers Sales (M Units), Revenue  
(\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 88. STMicroelectronics Main Business

Table 89. STMicroelectronics Latest Developments

Table 90. ROHM Semiconductor Basic Information, MOSFET & IGBT Gate Drivers  
Manufacturing Base, Sales Area and Its Competitors

Table 91. ROHM Semiconductor MOSFET & IGBT Gate Drivers Product Portfolios and  
Specifications

Table 92. ROHM Semiconductor MOSFET & IGBT Gate Drivers Sales (M Units),  
Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 93. ROHM Semiconductor Main Business

Table 94. ROHM Semiconductor Latest Developments

Table 95. NXP Semiconductors Basic Information, MOSFET & IGBT Gate Drivers  
Manufacturing Base, Sales Area and Its Competitors

Table 96. NXP Semiconductors MOSFET & IGBT Gate Drivers Product Portfolios and  
Specifications

Table 97. NXP Semiconductors MOSFET & IGBT Gate Drivers Sales (M Units),  
Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 98. NXP Semiconductors Main Business

|                                                                                                                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Table 99. NXP Semiconductors Latest Developments                                                                                              |
| Table 100. Texas Instruments Basic Information, MOSFET & IGBT Gate Drivers Manufacturing Base, Sales Area and Its Competitors                 |
| Table 101. Texas Instruments MOSFET & IGBT Gate Drivers Product Portfolios and Specifications                                                 |
| Table 102. Texas Instruments MOSFET & IGBT Gate Drivers Sales (M Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)  |
| Table 103. Texas Instruments Main Business                                                                                                    |
| Table 104. Texas Instruments Latest Developments                                                                                              |
| Table 105. Microchip Basic Information, MOSFET & IGBT Gate Drivers Manufacturing Base, Sales Area and Its Competitors                         |
| Table 106. Microchip MOSFET & IGBT Gate Drivers Product Portfolios and Specifications                                                         |
| Table 107. Microchip MOSFET & IGBT Gate Drivers Sales (M Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)          |
| Table 108. Microchip Main Business                                                                                                            |
| Table 109. Microchip Latest Developments                                                                                                      |
| Table 110. Power Integrations Basic Information, MOSFET & IGBT Gate Drivers Manufacturing Base, Sales Area and Its Competitors                |
| Table 111. Power Integrations MOSFET & IGBT Gate Drivers Product Portfolios and Specifications                                                |
| Table 112. Power Integrations MOSFET & IGBT Gate Drivers Sales (M Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025) |
| Table 113. Power Integrations Main Business                                                                                                   |
| Table 114. Power Integrations Latest Developments                                                                                             |
| Table 115. Vishay Basic Information, MOSFET & IGBT Gate Drivers Manufacturing Base, Sales Area and Its Competitors                            |
| Table 116. Vishay MOSFET & IGBT Gate Drivers Product Portfolios and Specifications                                                            |
| Table 117. Vishay MOSFET & IGBT Gate Drivers Sales (M Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)             |
| Table 118. Vishay Main Business                                                                                                               |
| Table 119. Vishay Latest Developments                                                                                                         |
| Table 120. Broadcom Basic Information, MOSFET & IGBT Gate Drivers Manufacturing Base, Sales Area and Its Competitors                          |
| Table 121. Broadcom MOSFET & IGBT Gate Drivers Product Portfolios and Specifications                                                          |
| Table 122. Broadcom MOSFET & IGBT Gate Drivers Sales (M Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)           |
| Table 123. Broadcom Main Business                                                                                                             |

|                                                                                                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------|
| Table 124. Broadcom Latest Developments                                                                                                   |
| Table 125. Analog Devices Basic Information, MOSFET & IGBT Gate Drivers Manufacturing Base, Sales Area and Its Competitors                |
| Table 126. Analog Devices MOSFET & IGBT Gate Drivers Product Portfolios and Specifications                                                |
| Table 127. Analog Devices MOSFET & IGBT Gate Drivers Sales (M Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025) |
| Table 128. Analog Devices Main Business                                                                                                   |
| Table 129. Analog Devices Latest Developments                                                                                             |
| Table 130. IXYS Basic Information, MOSFET & IGBT Gate Drivers Manufacturing Base, Sales Area and Its Competitors                          |
| Table 131. IXYS MOSFET & IGBT Gate Drivers Product Portfolios and Specifications                                                          |
| Table 132. IXYS MOSFET & IGBT Gate Drivers Sales (M Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)           |
| Table 133. IXYS Main Business                                                                                                             |
| Table 134. IXYS Latest Developments                                                                                                       |
| Table 135. Toshiba Basic Information, MOSFET & IGBT Gate Drivers Manufacturing Base, Sales Area and Its Competitors                       |
| Table 136. Toshiba MOSFET & IGBT Gate Drivers Product Portfolios and Specifications                                                       |
| Table 137. Toshiba MOSFET & IGBT Gate Drivers Sales (M Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)        |
| Table 138. Toshiba Main Business                                                                                                          |
| Table 139. Toshiba Latest Developments                                                                                                    |
| Table 140. Renesas Basic Information, MOSFET & IGBT Gate Drivers Manufacturing Base, Sales Area and Its Competitors                       |
| Table 141. Renesas MOSFET & IGBT Gate Drivers Product Portfolios and Specifications                                                       |
| Table 142. Renesas MOSFET & IGBT Gate Drivers Sales (M Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)        |
| Table 143. Renesas Main Business                                                                                                          |
| Table 144. Renesas Latest Developments                                                                                                    |
| Table 145. Powerex Basic Information, MOSFET & IGBT Gate Drivers Manufacturing Base, Sales Area and Its Competitors                       |
| Table 146. Powerex MOSFET & IGBT Gate Drivers Product Portfolios and Specifications                                                       |
| Table 147. Powerex MOSFET & IGBT Gate Drivers Sales (M Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)        |
| Table 148. Powerex Main Business                                                                                                          |
| Table 149. Powerex Latest Developments                                                                                                    |

## LIST OFFIGURES

Figure 1. Picture of MOSFET & IGBT Gate Drivers

Figure 2. MOSFET & IGBT Gate Drivers Report Years Considered

Figure 3. Research Objectives

Figure 4. Research Methodology

Figure 5. Research Process and Data Source

Figure 6. Global MOSFET & IGBT Gate Drivers Sales Growth Rate 2020-2031 (M Units)

Figure 7. Global MOSFET & IGBT Gate Drivers Revenue Growth Rate 2020-2031 (\$ millions)

Figure 8. MOSFET & IGBT Gate Drivers Sales by Geographic Region (2020, 2024 & 2031) & (\$ millions)

Figure 9. MOSFET & IGBT Gate Drivers Sales Market Share by Country/Region (2024)

Figure 10. MOSFET & IGBT Gate Drivers Sales Market Share by Country/Region (2020, 2024 & 2031)

Figure 11. Product Picture of Single Channel Gate Drivers

Figure 12. Product Picture of Half-bridge Gate Drivers

Figure 13. Product Picture of Full Bridge Gate Drivers

Figure 14. Product Picture of Three Phase Gate Drivers

Figure 15. Product Picture of Others

Figure 16. Global MOSFET & IGBT Gate Drivers Sales Market Share by Type in 2025

Figure 17. Global MOSFET & IGBT Gate Drivers Revenue Market Share by Type (2020-2025)

Figure 18. MOSFET & IGBT Gate Drivers Consumed in Home Appliance

Figure 19. Global MOSFET & IGBT Gate Drivers Market: Home Appliance (2020-2025) & (M Units)

Figure 20. MOSFET & IGBT Gate Drivers Consumed in Automotive

Figure 21. Global MOSFET & IGBT Gate Drivers Market: Automotive (2020-2025) & (M Units)

Figure 22. MOSFET & IGBT Gate Drivers Consumed in Display & Lighting

Figure 23. Global MOSFET & IGBT Gate Drivers Market: Display & Lighting (2020-2025) & (M Units)

Figure 24. MOSFET & IGBT Gate Drivers Consumed in Power Supply

Figure 25. Global MOSFET & IGBT Gate Drivers Market: Power Supply (2020-2025) & (M Units)

Figure 26. MOSFET & IGBT Gate Drivers Consumed in Others

Figure 27. Global MOSFET & IGBT Gate Drivers Market: Others (2020-2025) & (M Units)

Figure 28. Global MOSFET & IGBT Gate Drivers Sale Market Share by Application (2024)

Figure 29. Global MOSFET & IGBT Gate Drivers Revenue Market Share by Application in 2025

Figure 30. MOSFET & IGBT Gate Drivers Sales by Company in 2025 (M Units)

Figure 31. Global MOSFET & IGBT Gate Drivers Sales Market Share by Company in 2025

Figure 32. MOSFET & IGBT Gate Drivers Revenue by Company in 2025 (\$ millions)

Figure 33. Global MOSFET & IGBT Gate Drivers Revenue Market Share by Company in 2025

Figure 34. Global MOSFET & IGBT Gate Drivers Sales Market Share by Geographic Region (2020-2025)

Figure 35. Global MOSFET & IGBT Gate Drivers Revenue Market Share by Geographic Region in 2025

Figure 36. Americas MOSFET & IGBT Gate Drivers Sales 2020-2025 (M Units)

Figure 37. Americas MOSFET & IGBT Gate Drivers Revenue 2020-2025 (\$ millions)

Figure 38. APAC MOSFET & IGBT Gate Drivers Sales 2020-2025 (M Units)

Figure 39. APAC MOSFET & IGBT Gate Drivers Revenue 2020-2025 (\$ millions)

Figure 40. Europe MOSFET & IGBT Gate Drivers Sales 2020-2025 (M Units)

Figure 41. Europe MOSFET & IGBT Gate Drivers Revenue 2020-2025 (\$ millions)

Figure 42. Middle East & Africa MOSFET & IGBT Gate Drivers Sales 2020-2025 (M Units)

Figure 43. Middle East & Africa MOSFET & IGBT Gate Drivers Revenue 2020-2025 (\$ millions)

Figure 44. Americas MOSFET & IGBT Gate Drivers Sales Market Share by Country in 2025

Figure 45. Americas MOSFET & IGBT Gate Drivers Revenue Market Share by Country (2020-2025)

Figure 46. Americas MOSFET & IGBT Gate Drivers Sales Market Share byType (2020-2025)

Figure 47. Americas MOSFET & IGBT Gate Drivers Sales Market Share by Application (2020-2025)

Figure 48. United States MOSFET & IGBT Gate Drivers Revenue Growth 2020-2025 (\$ millions)

Figure 49. Canada MOSFET & IGBT Gate Drivers Revenue Growth 2020-2025 (\$ millions)

Figure 50. Mexico MOSFET & IGBT Gate Drivers Revenue Growth 2020-2025 (\$ millions)

Figure 51. Brazil MOSFET & IGBT Gate Drivers Revenue Growth 2020-2025 (\$ millions)

Figure 52. APAC MOSFET & IGBT Gate Drivers Sales Market Share by Region in 2025

Figure 53. APAC MOSFET & IGBT Gate Drivers Revenue Market Share by Region (2020-2025)

Figure 54. APAC MOSFET & IGBT Gate Drivers Sales Market Share byType (2020-2025)

Figure 55. APAC MOSFET & IGBT Gate Drivers Sales Market Share by Application (2020-2025)

Figure 56. China MOSFET & IGBT Gate Drivers Revenue Growth 2020-2025 (\$ millions)

Figure 57. Japan MOSFET & IGBT Gate Drivers Revenue Growth 2020-2025 (\$ millions)

Figure 58. South Korea MOSFET & IGBT Gate Drivers Revenue Growth 2020-2025 (\$ millions)

Figure 59. Southeast Asia MOSFET & IGBT Gate Drivers Revenue Growth 2020-2025 (\$ millions)

Figure 60. India MOSFET & IGBT Gate Drivers Revenue Growth 2020-2025 (\$ millions)

Figure 61. Australia MOSFET & IGBT Gate Drivers Revenue Growth 2020-2025 (\$ millions)

Figure 62. ChinaTaiwan MOSFET & IGBT Gate Drivers Revenue Growth 2020-2025 (\$ millions)

Figure 63. Europe MOSFET & IGBT Gate Drivers Sales Market Share by Country in 2025

Figure 64. Europe MOSFET & IGBT Gate Drivers Revenue Market Share by Country (2020-2025)

Figure 65. Europe MOSFET & IGBT Gate Drivers Sales Market Share byType (2020-2025)

Figure 66. Europe MOSFET & IGBT Gate Drivers Sales Market Share by Application (2020-2025)

Figure 67. Germany MOSFET & IGBT Gate Drivers Revenue Growth 2020-2025 (\$ millions)

Figure 68. France MOSFET & IGBT Gate Drivers Revenue Growth 2020-2025 (\$ millions)

Figure 69. UK MOSFET & IGBT Gate Drivers Revenue Growth 2020-2025 (\$ millions)

Figure 70. Italy MOSFET & IGBT Gate Drivers Revenue Growth 2020-2025 (\$ millions)

Figure 71. Russia MOSFET & IGBT Gate Drivers Revenue Growth 2020-2025 (\$

millions)

Figure 72. Middle East & Africa MOSFET & IGBT Gate Drivers Sales Market Share by Country (2020-2025)

Figure 73. Middle East & Africa MOSFET & IGBT Gate Drivers Sales Market Share byType (2020-2025)

Figure 74. Middle East & Africa MOSFET & IGBT Gate Drivers Sales Market Share by Application (2020-2025)

Figure 75. Egypt MOSFET & IGBT Gate Drivers Revenue Growth 2020-2025 (\$ millions)

Figure 76. South Africa MOSFET & IGBT Gate Drivers Revenue Growth 2020-2025 (\$ millions)

Figure 77. Israel MOSFET & IGBT Gate Drivers Revenue Growth 2020-2025 (\$ millions)

Figure 78. Turkey MOSFET & IGBT Gate Drivers Revenue Growth 2020-2025 (\$ millions)

Figure 79. GCC Countries MOSFET & IGBT Gate Drivers Revenue Growth 2020-2025 (\$ millions)

Figure 80. Manufacturing Cost Structure Analysis of MOSFET & IGBT Gate Drivers in 2025

Figure 81. Manufacturing Process Analysis of MOSFET & IGBT Gate Drivers

Figure 82. Industry Chain Structure of MOSFET & IGBT Gate Drivers

Figure 83. Channels of Distribution

Figure 84. Global MOSFET & IGBT Gate Drivers Sales MarketForecast by Region (2026-2031)

Figure 85. Global MOSFET & IGBT Gate Drivers Revenue Market ShareForecast by Region (2026-2031)

Figure 86. Global MOSFET & IGBT Gate Drivers Sales Market ShareForecast byType (2026-2031)

Figure 87. Global MOSFET & IGBT Gate Drivers Revenue Market ShareForecast byType (2026-2031)

Figure 88. Global MOSFET & IGBT Gate Drivers Sales Market ShareForecast by Application (2026-2031)

Figure 89. Global MOSFET & IGBT Gate Drivers Revenue Market ShareForecast by Application (2026-2031)

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