

# Global IGBT and MOSFET Market Growth (Status and Outlook) 2024-2030

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# Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

According to our LPI (LP Information) latest study, the global IGBT and MOSFET market size was valued at US\$ 13520 million in 2023. With growing demand in downstream market, the IGBT and MOSFET is forecast to a readjusted size of US\$ 23150 million by 2030 with a CAGR of 8.0% during review period.

The research report highlights the growth potential of the global IGBT and MOSFET market. IGBT and MOSFET are expected to show stable growth in the future market. However, product differentiation, reducing costs, and supply chain optimization remain crucial for the widespread adoption of IGBT and MOSFET. Market players need to invest in research and development, forge strategic partnerships, and align their offerings with evolving consumer preferences to capitalize on the immense opportunities presented by the IGBT and MOSFET market.

Global IGBT and MOSFET main players include Infineon Technologies, ON Semiconductor, Toshiba, STMicroelectronics, Renesas Electronics, etc., totally accounting for about 55%. Asia-Pacific is the largest market, with a share over 57%. As for the types of products, it can be divided into MOSFET and IGBT. MOSFET is the largest segment, holding a share over 60%. In terms of application, it is widely used in consumer electronics industrial, communications industry, home appliances, new energy industry and others. The most common application is in consumer electronics, taking a share over 30%.

Key Features:



The report on IGBT and MOSFET market reflects various aspects and provide valuable insights into the industry.

Market Size and Growth: The research report provide an overview of the current size and growth of the IGBT and MOSFET market. It may include historical data, market segmentation by Type (e.g., MOSFET, IGBT), and regional breakdowns.

Market Drivers and Challenges: The report can identify and analyse the factors driving the growth of the IGBT and MOSFET market, such as government regulations, environmental concerns, technological advancements, and changing consumer preferences. It can also highlight the challenges faced by the industry, including infrastructure limitations, range anxiety, and high upfront costs.

Competitive Landscape: The research report provides analysis of the competitive landscape within the IGBT and MOSFET market. It includes profiles of key players, their market share, strategies, and product offerings. The report can also highlight emerging players and their potential impact on the market.

Technological Developments: The research report can delve into the latest technological developments in the IGBT and MOSFET industry. This include advancements in IGBT and MOSFET technology, IGBT and MOSFET new entrants, IGBT and MOSFET new investment, and other innovations that are shaping the future of IGBT and MOSFET.

Downstream Procumbent Preference: The report can shed light on customer procumbent behaviour and adoption trends in the IGBT and MOSFET market. It includes factors influencing customer ' purchasing decisions, preferences for IGBT and MOSFET product.

Government Policies and Incentives: The research report analyse the impact of government policies and incentives on the IGBT and MOSFET market. This may include an assessment of regulatory frameworks, subsidies, tax incentives, and other measures aimed at promoting IGBT and MOSFET market. The report also evaluates the effectiveness of these policies in driving market growth.

Environmental Impact and Sustainability: The research report assess the environmental impact and sustainability aspects of the IGBT and MOSFET market.

Market Forecasts and Future Outlook: Based on the analysis conducted, the research



report provide market forecasts and outlook for the IGBT and MOSFET industry. This includes projections of market size, growth rates, regional trends, and predictions on technological advancements and policy developments.

Recommendations and Opportunities: The report conclude with recommendations for industry stakeholders, policymakers, and investors. It highlights potential opportunities for market players to capitalize on emerging trends, overcome challenges, and contribute to the growth and development of the IGBT and MOSFET market.

Market Segmentation:

IGBT and MOSFET market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of value.

Segmentation by type

MOSFET

IGBT

Segmentation by application

**Consumer Electronics** 

Industrial

**Communications Industry** 

Home Appliances

New Energy Industry

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 analyzing the company's coverage, product portfolio, its market penetration.

Infineon Technologies
ON Semiconductor
Toshiba
STMicroelectronics
Renesas Electronics
Fuji Electric
Vishay
Mitsubishi Electric
Nexperia
AOS
Semikron
Littelfuse

**ROHM Semiconductor** 



Hitachi

CR Micro

Starpower

Ncepower

**CRRC** Corporation Limited



# 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 IGBT and MOSFET Market Size 2019-2030
- 2.1.2 IGBT and MOSFET Market Size CAGR by Region 2019 VS 2023 VS 2030
- 2.2 IGBT and MOSFET Segment by Type
- 2.2.1 MOSFET
- 2.2.2 IGBT
- 2.3 IGBT and MOSFET Market Size by Type
  - 2.3.1 IGBT and MOSFET Market Size CAGR by Type (2019 VS 2023 VS 2030)
- 2.3.2 Global IGBT and MOSFET Market Size Market Share by Type (2019-2024)
- 2.4 IGBT and MOSFET Segment by Application
  - 2.4.1 Consumer Electronics
  - 2.4.2 Industrial
  - 2.4.3 Communications Industry
  - 2.4.4 Home Appliances
  - 2.4.5 New Energy Industry
  - 2.4.6 Others
- 2.5 IGBT and MOSFET Market Size by Application
  - 2.5.1 IGBT and MOSFET Market Size CAGR by Application (2019 VS 2023 VS 2030)
  - 2.5.2 Global IGBT and MOSFET Market Size Market Share by Application
- (2019-2024)

#### 3 IGBT AND MOSFET MARKET SIZE BY PLAYER

3.1 IGBT and MOSFET Market Size Market Share by Players



- 3.1.1 Global IGBT and MOSFET Revenue by Players (2019-2024)
- 3.1.2 Global IGBT and MOSFET Revenue Market Share by Players (2019-2024)
- 3.2 Global IGBT and MOSFET Key Players Head office and Products Offered
- 3.3 Market Concentration Rate Analysis
- 3.3.1 Competition Landscape Analysis
- 3.3.2 Concentration Ratio (CR3, CR5 and CR10) & (2022-2024)
- 3.4 New Products and Potential Entrants
- 3.5 Mergers & Acquisitions, Expansion

## **4 IGBT AND MOSFET BY REGIONS**

- 4.1 IGBT and MOSFET Market Size by Regions (2019-2024)
- 4.2 Americas IGBT and MOSFET Market Size Growth (2019-2024)
- 4.3 APAC IGBT and MOSFET Market Size Growth (2019-2024)
- 4.4 Europe IGBT and MOSFET Market Size Growth (2019-2024)
- 4.5 Middle East & Africa IGBT and MOSFET Market Size Growth (2019-2024)

## **5 AMERICAS**

- 5.1 Americas IGBT and MOSFET Market Size by Country (2019-2024)
- 5.2 Americas IGBT and MOSFET Market Size by Type (2019-2024)
- 5.3 Americas IGBT and MOSFET Market Size by Application (2019-2024)
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

## 6 APAC

- 6.1 APAC IGBT and MOSFET Market Size by Region (2019-2024)
- 6.2 APAC IGBT and MOSFET Market Size by Type (2019-2024)
- 6.3 APAC IGBT and MOSFET Market Size by Application (2019-2024)
- 6.4 China
- 6.5 Japan
- 6.6 Korea
- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia



## 7 EUROPE

- 7.1 Europe IGBT and MOSFET by Country (2019-2024)
- 7.2 Europe IGBT and MOSFET Market Size by Type (2019-2024)
- 7.3 Europe IGBT and MOSFET Market Size by Application (2019-2024)
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

## 8 MIDDLE EAST & AFRICA

- 8.1 Middle East & Africa IGBT and MOSFET by Region (2019-2024)
- 8.2 Middle East & Africa IGBT and MOSFET Market Size by Type (2019-2024)
- 8.3 Middle East & Africa IGBT and MOSFET Market Size by Application (2019-2024)
- 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 GLOBAL IGBT AND MOSFET MARKET FORECAST

- 10.1 Global IGBT and MOSFET Forecast by Regions (2025-2030)
  - 10.1.1 Global IGBT and MOSFET Forecast by Regions (2025-2030)
  - 10.1.2 Americas IGBT and MOSFET Forecast
  - 10.1.3 APAC IGBT and MOSFET Forecast
  - 10.1.4 Europe IGBT and MOSFET Forecast
- 10.1.5 Middle East & Africa IGBT and MOSFET Forecast
- 10.2 Americas IGBT and MOSFET Forecast by Country (2025-2030)
- 10.2.1 United States IGBT and MOSFET Market Forecast
- 10.2.2 Canada IGBT and MOSFET Market Forecast



10.2.3 Mexico IGBT and MOSFET Market Forecast 10.2.4 Brazil IGBT and MOSFET Market Forecast 10.3 APAC IGBT and MOSFET Forecast by Region (2025-2030) 10.3.1 China IGBT and MOSFET Market Forecast 10.3.2 Japan IGBT and MOSFET Market Forecast 10.3.3 Korea IGBT and MOSFET Market Forecast 10.3.4 Southeast Asia IGBT and MOSFET Market Forecast 10.3.5 India IGBT and MOSFET Market Forecast 10.3.6 Australia IGBT and MOSFET Market Forecast 10.4 Europe IGBT and MOSFET Forecast by Country (2025-2030) 10.4.1 Germany IGBT and MOSFET Market Forecast 10.4.2 France IGBT and MOSFET Market Forecast 10.4.3 UK IGBT and MOSFET Market Forecast 10.4.4 Italy IGBT and MOSFET Market Forecast 10.4.5 Russia IGBT and MOSFET Market Forecast 10.5 Middle East & Africa IGBT and MOSFET Forecast by Region (2025-2030) 10.5.1 Egypt IGBT and MOSFET Market Forecast 10.5.2 South Africa IGBT and MOSFET Market Forecast 10.5.3 Israel IGBT and MOSFET Market Forecast 10.5.4 Turkey IGBT and MOSFET Market Forecast 10.5.5 GCC Countries IGBT and MOSFET Market Forecast

10.6 Global IGBT and MOSFET Forecast by Type (2025-2030)

10.7 Global IGBT and MOSFET Forecast by Application (2025-2030)

## **11 KEY PLAYERS ANALYSIS**

11.1 Infineon Technologies

11.1.1 Infineon Technologies Company Information

11.1.2 Infineon Technologies IGBT and MOSFET Product Offered

11.1.3 Infineon Technologies IGBT and MOSFET Revenue, Gross Margin and Market Share (2019-2024)

11.1.4 Infineon Technologies Main Business Overview

- 11.1.5 Infineon Technologies Latest Developments
- 11.2 ON Semiconductor
  - 11.2.1 ON Semiconductor Company Information
- 11.2.2 ON Semiconductor IGBT and MOSFET Product Offered

11.2.3 ON Semiconductor IGBT and MOSFET Revenue, Gross Margin and Market Share (2019-2024)

11.2.4 ON Semiconductor Main Business Overview



- 11.2.5 ON Semiconductor Latest Developments
- 11.3 Toshiba
- 11.3.1 Toshiba Company Information
- 11.3.2 Toshiba IGBT and MOSFET Product Offered
- 11.3.3 Toshiba IGBT and MOSFET Revenue, Gross Margin and Market Share (2019-2024)
- 11.3.4 Toshiba Main Business Overview
- 11.3.5 Toshiba Latest Developments
- 11.4 STMicroelectronics
- 11.4.1 STMicroelectronics Company Information
- 11.4.2 STMicroelectronics IGBT and MOSFET Product Offered
- 11.4.3 STMicroelectronics IGBT and MOSFET Revenue, Gross Margin and Market Share (2019-2024)
- 11.4.4 STMicroelectronics Main Business Overview
- 11.4.5 STMicroelectronics Latest Developments
- 11.5 Renesas Electronics
- 11.5.1 Renesas Electronics Company Information
- 11.5.2 Renesas Electronics IGBT and MOSFET Product Offered
- 11.5.3 Renesas Electronics IGBT and MOSFET Revenue, Gross Margin and Market Share (2019-2024)
  - 11.5.4 Renesas Electronics Main Business Overview
- 11.5.5 Renesas Electronics Latest Developments
- 11.6 Fuji Electric
- 11.6.1 Fuji Electric Company Information
- 11.6.2 Fuji Electric IGBT and MOSFET Product Offered
- 11.6.3 Fuji Electric IGBT and MOSFET Revenue, Gross Margin and Market Share (2019-2024)
- 11.6.4 Fuji Electric Main Business Overview
- 11.6.5 Fuji Electric Latest Developments
- 11.7 Vishay
- 11.7.1 Vishay Company Information
- 11.7.2 Vishay IGBT and MOSFET Product Offered
- 11.7.3 Vishay IGBT and MOSFET Revenue, Gross Margin and Market Share (2019-2024)
- 11.7.4 Vishay Main Business Overview
- 11.7.5 Vishay Latest Developments
- 11.8 Mitsubishi Electric
- 11.8.1 Mitsubishi Electric Company Information
- 11.8.2 Mitsubishi Electric IGBT and MOSFET Product Offered



11.8.3 Mitsubishi Electric IGBT and MOSFET Revenue, Gross Margin and Market Share (2019-2024)

11.8.4 Mitsubishi Electric Main Business Overview

11.8.5 Mitsubishi Electric Latest Developments

- 11.9 Nexperia
- 11.9.1 Nexperia Company Information
- 11.9.2 Nexperia IGBT and MOSFET Product Offered
- 11.9.3 Nexperia IGBT and MOSFET Revenue, Gross Margin and Market Share (2019-2024)
- 11.9.4 Nexperia Main Business Overview
- 11.9.5 Nexperia Latest Developments
- 11.10 AOS
- 11.10.1 AOS Company Information
- 11.10.2 AOS IGBT and MOSFET Product Offered
- 11.10.3 AOS IGBT and MOSFET Revenue, Gross Margin and Market Share (2019-2024)
- 11.10.4 AOS Main Business Overview
- 11.10.5 AOS Latest Developments
- 11.11 Semikron
- 11.11.1 Semikron Company Information
- 11.11.2 Semikron IGBT and MOSFET Product Offered
- 11.11.3 Semikron IGBT and MOSFET Revenue, Gross Margin and Market Share (2019-2024)
  - 11.11.4 Semikron Main Business Overview
- 11.11.5 Semikron Latest Developments
- 11.12 Littelfuse
  - 11.12.1 Littelfuse Company Information
  - 11.12.2 Littelfuse IGBT and MOSFET Product Offered
- 11.12.3 Littelfuse IGBT and MOSFET Revenue, Gross Margin and Market Share (2019-2024)
- 11.12.4 Littelfuse Main Business Overview
- 11.12.5 Littelfuse Latest Developments
- 11.13 ROHM Semiconductor
- 11.13.1 ROHM Semiconductor Company Information
- 11.13.2 ROHM Semiconductor IGBT and MOSFET Product Offered
- 11.13.3 ROHM Semiconductor IGBT and MOSFET Revenue, Gross Margin and Market Share (2019-2024)
  - 11.13.4 ROHM Semiconductor Main Business Overview
  - 11.13.5 ROHM Semiconductor Latest Developments



- 11.14 Hitachi
- 11.14.1 Hitachi Company Information
- 11.14.2 Hitachi IGBT and MOSFET Product Offered

11.14.3 Hitachi IGBT and MOSFET Revenue, Gross Margin and Market Share (2019-2024)

- 11.14.4 Hitachi Main Business Overview
- 11.14.5 Hitachi Latest Developments

11.15 CR Micro

- 11.15.1 CR Micro Company Information
- 11.15.2 CR Micro IGBT and MOSFET Product Offered
- 11.15.3 CR Micro IGBT and MOSFET Revenue, Gross Margin and Market Share (2019-2024)
- 11.15.4 CR Micro Main Business Overview
- 11.15.5 CR Micro Latest Developments

11.16 Starpower

- 11.16.1 Starpower Company Information
- 11.16.2 Starpower IGBT and MOSFET Product Offered
- 11.16.3 Starpower IGBT and MOSFET Revenue, Gross Margin and Market Share (2019-2024)
  - 11.16.4 Starpower Main Business Overview
- 11.16.5 Starpower Latest Developments

11.17 Ncepower

- 11.17.1 Ncepower Company Information
- 11.17.2 Ncepower IGBT and MOSFET Product Offered

11.17.3 Ncepower IGBT and MOSFET Revenue, Gross Margin and Market Share (2019-2024)

- 11.17.4 Ncepower Main Business Overview
- 11.17.5 Ncepower Latest Developments
- 11.18 CRRC Corporation Limited
- 11.18.1 CRRC Corporation Limited Company Information
- 11.18.2 CRRC Corporation Limited IGBT and MOSFET Product Offered

11.18.3 CRRC Corporation Limited IGBT and MOSFET Revenue, Gross Margin and Market Share (2019-2024)

- 11.18.4 CRRC Corporation Limited Main Business Overview
- 11.18.5 CRRC Corporation Limited Latest Developments

## 12 RESEARCH FINDINGS AND CONCLUSION



# **List Of Tables**

#### LIST OF TABLES

Table 1. IGBT and MOSFET Market Size CAGR by Region (2019 VS 2023 VS 2030) & (\$ Millions)

Table 2. Major Players of MOSFET

Table 3. Major Players of IGBT

Table 4. IGBT and MOSFET Market Size CAGR by Type (2019 VS 2023 VS 2030) & (\$ Millions)

Table 5. Global IGBT and MOSFET Market Size by Type (2019-2024) & (\$ Millions)

Table 6. Global IGBT and MOSFET Market Size Market Share by Type (2019-2024)

Table 7. IGBT and MOSFET Market Size CAGR by Application (2019 VS 2023 VS 2030) & (\$ Millions)

Table 8. Global IGBT and MOSFET Market Size by Application (2019-2024) & (\$ Millions)

Table 9. Global IGBT and MOSFET Market Size Market Share by Application (2019-2024)

Table 10. Global IGBT and MOSFET Revenue by Players (2019-2024) & (\$ Millions)

Table 11. Global IGBT and MOSFET Revenue Market Share by Player (2019-2024)

Table 12. IGBT and MOSFET Key Players Head office and Products Offered

Table 13. IGBT and MOSFET Concentration Ratio (CR3, CR5 and CR10) & (2022-2024)

Table 14. New Products and Potential Entrants

Table 15. Mergers & Acquisitions, Expansion

Table 16. Global IGBT and MOSFET Market Size by Regions 2019-2024 & (\$ Millions)

Table 17. Global IGBT and MOSFET Market Size Market Share by Regions (2019-2024)

Table 18. Global IGBT and MOSFET Revenue by Country/Region (2019-2024) & (\$ millions)

Table 19. Global IGBT and MOSFET Revenue Market Share by Country/Region (2019-2024)

Table 20. Americas IGBT and MOSFET Market Size by Country (2019-2024) & (\$ Millions)

Table 21. Americas IGBT and MOSFET Market Size Market Share by Country (2019-2024)

Table 22. Americas IGBT and MOSFET Market Size by Type (2019-2024) & (\$ Millions) Table 23. Americas IGBT and MOSFET Market Size Market Share by Type (2019-2024)



Table 24. Americas IGBT and MOSFET Market Size by Application (2019-2024) & (\$ Millions) Table 25. Americas IGBT and MOSFET Market Size Market Share by Application (2019-2024)Table 26. APAC IGBT and MOSFET Market Size by Region (2019-2024) & (\$ Millions) Table 27. APAC IGBT and MOSFET Market Size Market Share by Region (2019-2024) Table 28. APAC IGBT and MOSFET Market Size by Type (2019-2024) & (\$ Millions) Table 29. APAC IGBT and MOSFET Market Size Market Share by Type (2019-2024) Table 30. APAC IGBT and MOSFET Market Size by Application (2019-2024) & (\$ Millions) Table 31. APAC IGBT and MOSFET Market Size Market Share by Application (2019-2024)Table 32. Europe IGBT and MOSFET Market Size by Country (2019-2024) & (\$ Millions) Table 33. Europe IGBT and MOSFET Market Size Market Share by Country (2019-2024)Table 34. Europe IGBT and MOSFET Market Size by Type (2019-2024) & (\$ Millions) Table 35. Europe IGBT and MOSFET Market Size Market Share by Type (2019-2024) Table 36. Europe IGBT and MOSFET Market Size by Application (2019-2024) & (\$ Millions) Table 37. Europe IGBT and MOSFET Market Size Market Share by Application (2019-2024)Table 38. Middle East & Africa IGBT and MOSFET Market Size by Region (2019-2024) & (\$ Millions) Table 39. Middle East & Africa IGBT and MOSFET Market Size Market Share by Region (2019-2024) Table 40. Middle East & Africa IGBT and MOSFET Market Size by Type (2019-2024) & (\$ Millions) Table 41. Middle East & Africa IGBT and MOSFET Market Size Market Share by Type (2019-2024)Table 42. Middle East & Africa IGBT and MOSFET Market Size by Application (2019-2024) & (\$ Millions) Table 43. Middle East & Africa IGBT and MOSFET Market Size Market Share by Application (2019-2024) Table 44. Key Market Drivers & Growth Opportunities of IGBT and MOSFET Table 45. Key Market Challenges & Risks of IGBT and MOSFET Table 46. Key Industry Trends of IGBT and MOSFET Table 47. Global IGBT and MOSFET Market Size Forecast by Regions (2025-2030) & (\$ Millions)



Table 48. Global IGBT and MOSFET Market Size Market Share Forecast by Regions (2025-2030)

Table 49. Global IGBT and MOSFET Market Size Forecast by Type (2025-2030) & (\$ Millions)

Table 50. Global IGBT and MOSFET Market Size Forecast by Application (2025-2030) & (\$ Millions)

Table 51. Infineon Technologies Details, Company Type, IGBT and MOSFET Area Served and Its Competitors

Table 52. Infineon Technologies IGBT and MOSFET Product Offered

Table 53. Infineon Technologies IGBT and MOSFET Revenue (\$ million), Gross Margin and Market Share (2019-2024)

 Table 54. Infineon Technologies Main Business

Table 55. Infineon Technologies Latest Developments

Table 56. ON Semiconductor Details, Company Type, IGBT and MOSFET Area Served and Its Competitors

Table 57. ON Semiconductor IGBT and MOSFET Product Offered

Table 58. ON Semiconductor Main Business

Table 59. ON Semiconductor IGBT and MOSFET Revenue (\$ million), Gross Margin and Market Share (2019-2024)

Table 60. ON Semiconductor Latest Developments

Table 61. Toshiba Details, Company Type, IGBT and MOSFET Area Served and Its Competitors

Table 62. Toshiba IGBT and MOSFET Product Offered

Table 63. Toshiba Main Business

Table 64. Toshiba IGBT and MOSFET Revenue (\$ million), Gross Margin and Market Share (2019-2024)

Table 65. Toshiba Latest Developments

Table 66. STMicroelectronics Details, Company Type, IGBT and MOSFET Area Served and Its Competitors

Table 67. STMicroelectronics IGBT and MOSFET Product Offered

Table 68. STMicroelectronics Main Business

Table 69. STMicroelectronics IGBT and MOSFET Revenue (\$ million), Gross Margin and Market Share (2019-2024)

Table 70. STMicroelectronics Latest Developments

Table 71. Renesas Electronics Details, Company Type, IGBT and MOSFET Area

Served and Its Competitors

Table 72. Renesas Electronics IGBT and MOSFET Product Offered

Table 73. Renesas Electronics Main Business

Table 74. Renesas Electronics IGBT and MOSFET Revenue (\$ million), Gross Margin



and Market Share (2019-2024) Table 75. Renesas Electronics Latest Developments Table 76. Fuji Electric Details, Company Type, IGBT and MOSFET Area Served and Its Competitors Table 77. Fuji Electric IGBT and MOSFET Product Offered Table 78. Fuji Electric Main Business Table 79. Fuji Electric IGBT and MOSFET Revenue (\$ million), Gross Margin and Market Share (2019-2024) Table 80. Fuji Electric Latest Developments Table 81. Vishay Details, Company Type, IGBT and MOSFET Area Served and Its Competitors Table 82. Vishay IGBT and MOSFET Product Offered Table 83. Vishay Main Business Table 84. Vishay IGBT and MOSFET Revenue (\$ million), Gross Margin and Market Share (2019-2024) Table 85. Vishay Latest Developments Table 86. Mitsubishi Electric Details, Company Type, IGBT and MOSFET Area Served and Its Competitors Table 87. Mitsubishi Electric IGBT and MOSFET Product Offered Table 88. Mitsubishi Electric Main Business Table 89. Mitsubishi Electric IGBT and MOSFET Revenue (\$ million), Gross Margin and Market Share (2019-2024) Table 90. Mitsubishi Electric Latest Developments Table 91. Nexperia Details, Company Type, IGBT and MOSFET Area Served and Its Competitors Table 92. Nexperia IGBT and MOSFET Product Offered Table 93. Nexperia Main Business Table 94. Nexperia IGBT and MOSFET Revenue (\$ million), Gross Margin and Market Share (2019-2024) Table 95. Nexperia Latest Developments Table 96. AOS Details, Company Type, IGBT and MOSFET Area Served and Its Competitors Table 97. AOS IGBT and MOSFET Product Offered Table 98. AOS Main Business Table 99. AOS IGBT and MOSFET Revenue (\$ million), Gross Margin and Market Share (2019-2024) Table 100. AOS Latest Developments Table 101. Semikron Details, Company Type, IGBT and MOSFET Area Served and Its Competitors



Table 102. Semikron IGBT and MOSFET Product Offered

Table 103. Semikron IGBT and MOSFET Revenue (\$ million), Gross Margin and Market Share (2019-2024)

Table 104. Semikron Main Business

Table 105. Semikron Latest Developments

Table 106. Littelfuse Details, Company Type, IGBT and MOSFET Area Served and Its Competitors

Table 107. Littelfuse IGBT and MOSFET Product Offered

Table 108. Littelfuse Main Business

Table 109. Littelfuse IGBT and MOSFET Revenue (\$ million), Gross Margin and Market Share (2019-2024)

Table 110. Littelfuse Latest Developments

Table 111. ROHM Semiconductor Details, Company Type, IGBT and MOSFET Area Served and Its Competitors

Table 112. ROHM Semiconductor IGBT and MOSFET Product Offered

Table 113. ROHM Semiconductor Main Business

Table 114. ROHM Semiconductor IGBT and MOSFET Revenue (\$ million), Gross Margin and Market Share (2019-2024)

Table 115. ROHM Semiconductor Latest Developments

Table 116. Hitachi Details, Company Type, IGBT and MOSFET Area Served and Its Competitors

Table 117. Hitachi IGBT and MOSFET Product Offered

Table 118. Hitachi Main Business

Table 119. Hitachi IGBT and MOSFET Revenue (\$ million), Gross Margin and Market Share (2019-2024)

Table 120. Hitachi Latest Developments

Table 121. CR Micro Details, Company Type, IGBT and MOSFET Area Served and Its Competitors

Table 122. CR Micro IGBT and MOSFET Product Offered

Table 123. CR Micro Main Business

Table 124. CR Micro IGBT and MOSFET Revenue (\$ million), Gross Margin and Market Share (2019-2024)

Table 125. CR Micro Latest Developments

Table 126. Starpower Details, Company Type, IGBT and MOSFET Area Served and Its Competitors

Table 127. Starpower IGBT and MOSFET Product Offered

Table 128. Starpower Main Business

Table 129. Starpower IGBT and MOSFET Revenue (\$ million), Gross Margin and Market Share (2019-2024)



Table 130. Starpower Latest Developments

Table 131. Ncepower Details, Company Type, IGBT and MOSFET Area Served and Its Competitors

Table 132. Ncepower IGBT and MOSFET Product Offered

Table 133. Ncepower Main Business

Table 134. Ncepower IGBT and MOSFET Revenue (\$ million), Gross Margin and Market Share (2019-2024)

Table 135. Ncepower Latest Developments

Table 136. CRRC Corporation Limited Details, Company Type, IGBT and MOSFET Area Served and Its Competitors

Table 137. CRRC Corporation Limited IGBT and MOSFET Product Offered

Table 138. CRRC Corporation Limited Main Business

Table 139. CRRC Corporation Limited IGBT and MOSFET Revenue (\$ million), Gross Margin and Market Share (2019-2024)

Table 140. CRRC Corporation Limited Latest Developments



# **List Of Figures**

#### LIST OF FIGURES

- Figure 1. IGBT and MOSFET Report Years Considered
- Figure 2. Research Objectives
- Figure 3. Research Methodology
- Figure 4. Research Process and Data Source
- Figure 5. Global IGBT and MOSFET Market Size Growth Rate 2019-2030 (\$ Millions)
- Figure 6. IGBT and MOSFET Sales by Geographic Region (2019, 2023 & 2030) & (\$ millions)
- Figure 7. IGBT and MOSFET Sales Market Share by Country/Region (2023)
- Figure 8. IGBT and MOSFET Sales Market Share by Country/Region (2019, 2023 & 2030)
- Figure 9. Global IGBT and MOSFET Market Size Market Share by Type in 2023
- Figure 10. IGBT and MOSFET in Consumer Electronics
- Figure 11. Global IGBT and MOSFET Market: Consumer Electronics (2019-2024) & (\$ Millions)
- Figure 12. IGBT and MOSFET in Industrial
- Figure 13. Global IGBT and MOSFET Market: Industrial (2019-2024) & (\$ Millions)
- Figure 14. IGBT and MOSFET in Communications Industry
- Figure 15. Global IGBT and MOSFET Market: Communications Industry (2019-2024) & (\$ Millions)
- Figure 16. IGBT and MOSFET in Home Appliances
- Figure 17. Global IGBT and MOSFET Market: Home Appliances (2019-2024) & (\$ Millions)
- Figure 18. IGBT and MOSFET in New Energy Industry
- Figure 19. Global IGBT and MOSFET Market: New Energy Industry (2019-2024) & (\$ Millions)
- Figure 20. IGBT and MOSFET in Others
- Figure 21. Global IGBT and MOSFET Market: Others (2019-2024) & (\$ Millions)
- Figure 22. Global IGBT and MOSFET Market Size Market Share by Application in 2023
- Figure 23. Global IGBT and MOSFET Revenue Market Share by Player in 2023

Figure 24. Global IGBT and MOSFET Market Size Market Share by Regions (2019-2024)

- Figure 25. Americas IGBT and MOSFET Market Size 2019-2024 (\$ Millions)
- Figure 26. APAC IGBT and MOSFET Market Size 2019-2024 (\$ Millions)
- Figure 27. Europe IGBT and MOSFET Market Size 2019-2024 (\$ Millions)
- Figure 28. Middle East & Africa IGBT and MOSFET Market Size 2019-2024 (\$ Millions)



Figure 29. Americas IGBT and MOSFET Value Market Share by Country in 2023 Figure 30. United States IGBT and MOSFET Market Size Growth 2019-2024 (\$ Millions)

Figure 31. Canada IGBT and MOSFET Market Size Growth 2019-2024 (\$ Millions) Figure 32. Mexico IGBT and MOSFET Market Size Growth 2019-2024 (\$ Millions) Figure 33. Brazil IGBT and MOSFET Market Size Growth 2019-2024 (\$ Millions) Figure 34. APAC IGBT and MOSFET Market Size Market Share by Region in 2023 Figure 35. APAC IGBT and MOSFET Market Size Market Share by Type in 2023 Figure 36. APAC IGBT and MOSFET Market Size Market Share by Application in 2023 Figure 37. China IGBT and MOSFET Market Size Growth 2019-2024 (\$ Millions) Figure 38. Japan IGBT and MOSFET Market Size Growth 2019-2024 (\$ Millions) Figure 39. Korea IGBT and MOSFET Market Size Growth 2019-2024 (\$ Millions) Figure 40. Southeast Asia IGBT and MOSFET Market Size Growth 2019-2024 (\$ Millions) Figure 41. India IGBT and MOSFET Market Size Growth 2019-2024 (\$ Millions) Figure 42. Australia IGBT and MOSFET Market Size Growth 2019-2024 (\$ Millions) Figure 43. Europe IGBT and MOSFET Market Size Market Share by Country in 2023 Figure 44. Europe IGBT and MOSFET Market Size Market Share by Type (2019-2024) Figure 45. Europe IGBT and MOSFET Market Size Market Share by Application (2019-2024)Figure 46. Germany IGBT and MOSFET Market Size Growth 2019-2024 (\$ Millions) Figure 47. France IGBT and MOSFET Market Size Growth 2019-2024 (\$ Millions) Figure 48. UK IGBT and MOSFET Market Size Growth 2019-2024 (\$ Millions) Figure 49. Italy IGBT and MOSFET Market Size Growth 2019-2024 (\$ Millions) Figure 50. Russia IGBT and MOSFET Market Size Growth 2019-2024 (\$ Millions) Figure 51. Middle East & Africa IGBT and MOSFET Market Size Market Share by Region (2019-2024) Figure 52. Middle East & Africa IGBT and MOSFET Market Size Market Share by Type (2019-2024)Figure 53. Middle East & Africa IGBT and MOSFET Market Size Market Share by Application (2019-2024) Figure 54. Egypt IGBT and MOSFET Market Size Growth 2019-2024 (\$ Millions) Figure 55. South Africa IGBT and MOSFET Market Size Growth 2019-2024 (\$ Millions) Figure 56. Israel IGBT and MOSFET Market Size Growth 2019-2024 (\$ Millions) Figure 57. Turkey IGBT and MOSFET Market Size Growth 2019-2024 (\$ Millions)

Figure 58. GCC Country IGBT and MOSFET Market Size Growth 2019-2024 (\$ Millions)

Figure 59. Americas IGBT and MOSFET Market Size 2025-2030 (\$ Millions) Figure 60. APAC IGBT and MOSFET Market Size 2025-2030 (\$ Millions)



Figure 61. Europe IGBT and MOSFET Market Size 2025-2030 (\$ Millions) Figure 62. Middle East & Africa IGBT and MOSFET Market Size 2025-2030 (\$ Millions) Figure 63. United States IGBT and MOSFET Market Size 2025-2030 (\$ Millions) Figure 64. Canada IGBT and MOSFET Market Size 2025-2030 (\$ Millions) Figure 65. Mexico IGBT and MOSFET Market Size 2025-2030 (\$ Millions) Figure 66. Brazil IGBT and MOSFET Market Size 2025-2030 (\$ Millions) Figure 67. China IGBT and MOSFET Market Size 2025-2030 (\$ Millions) Figure 68. Japan IGBT and MOSFET Market Size 2025-2030 (\$ Millions) Figure 69. Korea IGBT and MOSFET Market Size 2025-2030 (\$ Millions) Figure 70. Southeast Asia IGBT and MOSFET Market Size 2025-2030 (\$ Millions) Figure 71. India IGBT and MOSFET Market Size 2025-2030 (\$ Millions) Figure 72. Australia IGBT and MOSFET Market Size 2025-2030 (\$ Millions) Figure 73. Germany IGBT and MOSFET Market Size 2025-2030 (\$ Millions) Figure 74. France IGBT and MOSFET Market Size 2025-2030 (\$ Millions) Figure 75. UK IGBT and MOSFET Market Size 2025-2030 (\$ Millions) Figure 76. Italy IGBT and MOSFET Market Size 2025-2030 (\$ Millions) Figure 77. Russia IGBT and MOSFET Market Size 2025-2030 (\$ Millions) Figure 78. Spain IGBT and MOSFET Market Size 2025-2030 (\$ Millions) Figure 79. Egypt IGBT and MOSFET Market Size 2025-2030 (\$ Millions) Figure 80. South Africa IGBT and MOSFET Market Size 2025-2030 (\$ Millions) Figure 81. Israel IGBT and MOSFET Market Size 2025-2030 (\$ Millions) Figure 82. Turkey IGBT and MOSFET Market Size 2025-2030 (\$ Millions) Figure 83. GCC Countries IGBT and MOSFET Market Size 2025-2030 (\$ Millions) Figure 84. Global IGBT and MOSFET Market Size Market Share Forecast by Type (2025 - 2030)Figure 85. Global IGBT and MOSFET Market Size Market Share Forecast by Application (2025-2030)



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