

# Global Automotive Power Modules Market Growth 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 Automotive Power Modules market size was valued at US\$ 1594.8 million in 2023. With growing demand in downstream market, the Automotive Power Modules is forecast to a readjusted size of US\$ 4701.7 million by 2030 with a CAGR of 16.7% during review period.

The research report highlights the growth potential of the global Automotive Power Modules market. Automotive Power Modules 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 Automotive Power Modules. 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 Automotive Power Modules market.

Automotive Power Modules are used in hybrid and electric vehicles etc. Automotive Power Module provides the physical containment for several power components, usually power semiconductor devices. These power semiconductors (so-called dies) are typically soldered or sintered on a power electronic substrate that carries the power semiconductors, provides electrical and thermal contact and electrical insulation where needed.

Asia-Pacific is the largest Automotive Power Modules market with about 56% market share. Europe is follower, accounting for about 23% market share.

The key players are Infineon, Mitsubishi Electric, Fuji Electric, ON Semiconductor,

STMicroelectronics, Hitachi Power Semiconductor Device, Semikron, Danfoss, ROHM, BYD, Starpower Semiconductor etc. Top 3 companies occupied about 52% market share.

#### Key Features:

The report on Automotive Power Modules 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 Automotive Power Modules market. It may include historical data, market segmentation by Type (e.g., IGBT Modules, SiC Modules), and regional breakdowns.

**Market Drivers and Challenges:** The report can identify and analyse the factors driving the growth of the Automotive Power Modules 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 Automotive Power Modules 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 Automotive Power Modules industry. This include advancements in Automotive Power Modules technology, Automotive Power Modules new entrants, Automotive Power Modules new investment, and other innovations that are shaping the future of Automotive Power Modules.

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

**Government Policies and Incentives:** The research report analyse the impact of government policies and incentives on the Automotive Power Modules market. This may include an assessment of regulatory frameworks, subsidies, tax incentives, and

other measures aimed at promoting Automotive Power Modules 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 Automotive Power Modules market.

**Market Forecasts and Future Outlook:** Based on the analysis conducted, the research report provide market forecasts and outlook for the Automotive Power Modules 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 Automotive Power Modules market.

**Market Segmentation:**

Automotive Power Modules 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 volume and value.

**Segmentation by type**

IGBT Modules

SiC Modules

**Segmentation by application**

Battery Electric Vehicles (BEV)

Plug-in Hybrid Electric Vehicles (PHEV)

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

Mitsubishi Electric

Fuji Electric

ON Semiconductor

STMicroelectronics

Hitachi Power Semiconductor Device

Semikron

Danfoss

ROHM

BYD

Starpower Semiconductor

Key Questions Addressed in this Report

What is the 10-year outlook for the global Automotive Power Modules market?

What factors are driving Automotive Power Modules market growth, globally and by region?

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

How do Automotive Power Modules market opportunities vary by end market size?

How does Automotive Power Modules break out type, 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 Automotive Power Modules Annual Sales 2019-2030
  - 2.1.2 World Current & Future Analysis for Automotive Power Modules by Geographic Region, 2019, 2023 & 2030
  - 2.1.3 World Current & Future Analysis for Automotive Power Modules by Country/Region, 2019, 2023 & 2030
- 2.2 Automotive Power Modules Segment by Type
  - 2.2.1 IGBT Modules
  - 2.2.2 SiC Modules
- 2.3 Automotive Power Modules Sales by Type
  - 2.3.1 Global Automotive Power Modules Sales Market Share by Type (2019-2024)
  - 2.3.2 Global Automotive Power Modules Revenue and Market Share by Type (2019-2024)
  - 2.3.3 Global Automotive Power Modules Sale Price by Type (2019-2024)
- 2.4 Automotive Power Modules Segment by Application
  - 2.4.1 Battery Electric Vehicles (BEV)
  - 2.4.2 Plug-in Hybrid Electric Vehicles (PHEV)
- 2.5 Automotive Power Modules Sales by Application
  - 2.5.1 Global Automotive Power Modules Sale Market Share by Application (2019-2024)
  - 2.5.2 Global Automotive Power Modules Revenue and Market Share by Application (2019-2024)
  - 2.5.3 Global Automotive Power Modules Sale Price by Application (2019-2024)

### **3 GLOBAL AUTOMOTIVE POWER MODULES BY COMPANY**

#### 3.1 Global Automotive Power Modules Breakdown Data by Company

3.1.1 Global Automotive Power Modules Annual Sales by Company (2019-2024)

3.1.2 Global Automotive Power Modules Sales Market Share by Company (2019-2024)

#### 3.2 Global Automotive Power Modules Annual Revenue by Company (2019-2024)

3.2.1 Global Automotive Power Modules Revenue by Company (2019-2024)

3.2.2 Global Automotive Power Modules Revenue Market Share by Company (2019-2024)

#### 3.3 Global Automotive Power Modules Sale Price by Company

#### 3.4 Key Manufacturers Automotive Power Modules Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Automotive Power Modules Product Location Distribution

3.4.2 Players Automotive Power Modules Products Offered

#### 3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

#### 3.6 New Products and Potential Entrants

#### 3.7 Mergers & Acquisitions, Expansion

### **4 WORLD HISTORIC REVIEW FOR AUTOMOTIVE POWER MODULES BY GEOGRAPHIC REGION**

#### 4.1 World Historic Automotive Power Modules Market Size by Geographic Region (2019-2024)

4.1.1 Global Automotive Power Modules Annual Sales by Geographic Region (2019-2024)

4.1.2 Global Automotive Power Modules Annual Revenue by Geographic Region (2019-2024)

#### 4.2 World Historic Automotive Power Modules Market Size by Country/Region (2019-2024)

4.2.1 Global Automotive Power Modules Annual Sales by Country/Region (2019-2024)

4.2.2 Global Automotive Power Modules Annual Revenue by Country/Region (2019-2024)

#### 4.3 Americas Automotive Power Modules Sales Growth

#### 4.4 APAC Automotive Power Modules Sales Growth

#### 4.5 Europe Automotive Power Modules Sales Growth

#### 4.6 Middle East & Africa Automotive Power Modules Sales Growth



## **5 AMERICAS**

### 5.1 Americas Automotive Power Modules Sales by Country

5.1.1 Americas Automotive Power Modules Sales by Country (2019-2024)

5.1.2 Americas Automotive Power Modules Revenue by Country (2019-2024)

### 5.2 Americas Automotive Power Modules Sales by Type

### 5.3 Americas Automotive Power Modules Sales by Application

### 5.4 United States

### 5.5 Canada

### 5.6 Mexico

### 5.7 Brazil

## **6 APAC**

### 6.1 APAC Automotive Power Modules Sales by Region

6.1.1 APAC Automotive Power Modules Sales by Region (2019-2024)

6.1.2 APAC Automotive Power Modules Revenue by Region (2019-2024)

### 6.2 APAC Automotive Power Modules Sales by Type

### 6.3 APAC Automotive Power Modules Sales by Application

### 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 Automotive Power Modules by Country

7.1.1 Europe Automotive Power Modules Sales by Country (2019-2024)

7.1.2 Europe Automotive Power Modules Revenue by Country (2019-2024)

### 7.2 Europe Automotive Power Modules Sales by Type

### 7.3 Europe Automotive Power Modules Sales by Application

### 7.4 Germany

### 7.5 France

### 7.6 UK

### 7.7 Italy

7.8 Russia

## **8 MIDDLE EAST & AFRICA**

8.1 Middle East & Africa Automotive Power Modules by Country

8.1.1 Middle East & Africa Automotive Power Modules Sales by Country (2019-2024)

8.1.2 Middle East & Africa Automotive Power Modules Revenue by Country (2019-2024)

8.2 Middle East & Africa Automotive Power Modules Sales by Type

8.3 Middle East & Africa Automotive Power Modules Sales by Application

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 Automotive Power Modules

10.3 Manufacturing Process Analysis of Automotive Power Modules

10.4 Industry Chain Structure of Automotive Power Modules

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

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Automotive Power Modules Distributors

11.3 Automotive Power Modules Customer

## **12 WORLD FORECAST REVIEW FOR AUTOMOTIVE POWER MODULES BY GEOGRAPHIC REGION**

- 12.1 Global Automotive Power Modules Market Size Forecast by Region
  - 12.1.1 Global Automotive Power Modules Forecast by Region (2025-2030)
  - 12.1.2 Global Automotive Power Modules Annual Revenue Forecast by Region (2025-2030)
- 12.2 Americas Forecast by Country
- 12.3 APAC Forecast by Region
- 12.4 Europe Forecast by Country
- 12.5 Middle East & Africa Forecast by Country
- 12.6 Global Automotive Power Modules Forecast by Type
- 12.7 Global Automotive Power Modules Forecast by Application

## **13 KEY PLAYERS ANALYSIS**

- 13.1 Infineon
  - 13.1.1 Infineon Company Information
  - 13.1.2 Infineon Automotive Power Modules Product Portfolios and Specifications
  - 13.1.3 Infineon Automotive Power Modules Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.1.4 Infineon Main Business Overview
  - 13.1.5 Infineon Latest Developments
- 13.2 Mitsubishi Electric
  - 13.2.1 Mitsubishi Electric Company Information
  - 13.2.2 Mitsubishi Electric Automotive Power Modules Product Portfolios and Specifications
  - 13.2.3 Mitsubishi Electric Automotive Power Modules Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.2.4 Mitsubishi Electric Main Business Overview
  - 13.2.5 Mitsubishi Electric Latest Developments
- 13.3 Fuji Electric
  - 13.3.1 Fuji Electric Company Information
  - 13.3.2 Fuji Electric Automotive Power Modules Product Portfolios and Specifications
  - 13.3.3 Fuji Electric Automotive Power Modules Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.3.4 Fuji Electric Main Business Overview
  - 13.3.5 Fuji Electric Latest Developments
- 13.4 ON Semiconductor
  - 13.4.1 ON Semiconductor Company Information
  - 13.4.2 ON Semiconductor Automotive Power Modules Product Portfolios and

## Specifications

13.4.3 ON Semiconductor Automotive Power Modules Sales, Revenue, Price and Gross Margin (2019-2024)

13.4.4 ON Semiconductor Main Business Overview

13.4.5 ON Semiconductor Latest Developments

## 13.5 STMicroelectronics

13.5.1 STMicroelectronics Company Information

13.5.2 STMicroelectronics Automotive Power Modules Product Portfolios and Specifications

13.5.3 STMicroelectronics Automotive Power Modules Sales, Revenue, Price and Gross Margin (2019-2024)

13.5.4 STMicroelectronics Main Business Overview

13.5.5 STMicroelectronics Latest Developments

## 13.6 Hitachi Power Semiconductor Device

13.6.1 Hitachi Power Semiconductor Device Company Information

13.6.2 Hitachi Power Semiconductor Device Automotive Power Modules Product Portfolios and Specifications

13.6.3 Hitachi Power Semiconductor Device Automotive Power Modules Sales, Revenue, Price and Gross Margin (2019-2024)

13.6.4 Hitachi Power Semiconductor Device Main Business Overview

13.6.5 Hitachi Power Semiconductor Device Latest Developments

## 13.7 Semikron

13.7.1 Semikron Company Information

13.7.2 Semikron Automotive Power Modules Product Portfolios and Specifications

13.7.3 Semikron Automotive Power Modules Sales, Revenue, Price and Gross Margin (2019-2024)

13.7.4 Semikron Main Business Overview

13.7.5 Semikron Latest Developments

## 13.8 Danfoss

13.8.1 Danfoss Company Information

13.8.2 Danfoss Automotive Power Modules Product Portfolios and Specifications

13.8.3 Danfoss Automotive Power Modules Sales, Revenue, Price and Gross Margin (2019-2024)

13.8.4 Danfoss Main Business Overview

13.8.5 Danfoss Latest Developments

## 13.9 ROHM

13.9.1 ROHM Company Information

13.9.2 ROHM Automotive Power Modules Product Portfolios and Specifications

13.9.3 ROHM Automotive Power Modules Sales, Revenue, Price and Gross Margin

(2019-2024)

13.9.4 ROHM Main Business Overview

13.9.5 ROHM Latest Developments

13.10 BYD

13.10.1 BYD Company Information

13.10.2 BYD Automotive Power Modules Product Portfolios and Specifications

13.10.3 BYD Automotive Power Modules Sales, Revenue, Price and Gross Margin

(2019-2024)

13.10.4 BYD Main Business Overview

13.10.5 BYD Latest Developments

13.11 Starpower Semiconductor

13.11.1 Starpower Semiconductor Company Information

13.11.2 Starpower Semiconductor Automotive Power Modules Product Portfolios and Specifications

13.11.3 Starpower Semiconductor Automotive Power Modules Sales, Revenue, Price and Gross Margin (2019-2024)

13.11.4 Starpower Semiconductor Main Business Overview

13.11.5 Starpower Semiconductor Latest Developments

## **14 RESEARCH FINDINGS AND CONCLUSION**

## List Of Tables

### LIST OF TABLES

Table 1. Automotive Power Modules Annual Sales CAGR by Geographic Region (2019, 2023 & 2030) & (\$ millions)

Table 2. Automotive Power Modules Annual Sales CAGR by Country/Region (2019, 2023 & 2030) & (\$ millions)

Table 3. Major Players of IGBT Modules

Table 4. Major Players of SiC Modules

Table 5. Global Automotive Power Modules Sales by Type (2019-2024) & (K Units)

Table 6. Global Automotive Power Modules Sales Market Share by Type (2019-2024)

Table 7. Global Automotive Power Modules Revenue by Type (2019-2024) & (\$ million)

Table 8. Global Automotive Power Modules Revenue Market Share by Type (2019-2024)

Table 9. Global Automotive Power Modules Sale Price by Type (2019-2024) & (USD/Unit)

Table 10. Global Automotive Power Modules Sales by Application (2019-2024) & (K Units)

Table 11. Global Automotive Power Modules Sales Market Share by Application (2019-2024)

Table 12. Global Automotive Power Modules Revenue by Application (2019-2024)

Table 13. Global Automotive Power Modules Revenue Market Share by Application (2019-2024)

Table 14. Global Automotive Power Modules Sale Price by Application (2019-2024) & (USD/Unit)

Table 15. Global Automotive Power Modules Sales by Company (2019-2024) & (K Units)

Table 16. Global Automotive Power Modules Sales Market Share by Company (2019-2024)

Table 17. Global Automotive Power Modules Revenue by Company (2019-2024) (\$ Millions)

Table 18. Global Automotive Power Modules Revenue Market Share by Company (2019-2024)

Table 19. Global Automotive Power Modules Sale Price by Company (2019-2024) & (USD/Unit)

Table 20. Key Manufacturers Automotive Power Modules Producing Area Distribution and Sales Area

Table 21. Players Automotive Power Modules Products Offered

Table 22. Automotive Power Modules Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

Table 23. New Products and Potential Entrants

Table 24. Mergers & Acquisitions, Expansion

Table 25. Global Automotive Power Modules Sales by Geographic Region (2019-2024) & (K Units)

Table 26. Global Automotive Power Modules Sales Market Share Geographic Region (2019-2024)

Table 27. Global Automotive Power Modules Revenue by Geographic Region (2019-2024) & (\$ millions)

Table 28. Global Automotive Power Modules Revenue Market Share by Geographic Region (2019-2024)

Table 29. Global Automotive Power Modules Sales by Country/Region (2019-2024) & (K Units)

Table 30. Global Automotive Power Modules Sales Market Share by Country/Region (2019-2024)

Table 31. Global Automotive Power Modules Revenue by Country/Region (2019-2024) & (\$ millions)

Table 32. Global Automotive Power Modules Revenue Market Share by Country/Region (2019-2024)

Table 33. Americas Automotive Power Modules Sales by Country (2019-2024) & (K Units)

Table 34. Americas Automotive Power Modules Sales Market Share by Country (2019-2024)

Table 35. Americas Automotive Power Modules Revenue by Country (2019-2024) & (\$ Millions)

Table 36. Americas Automotive Power Modules Revenue Market Share by Country (2019-2024)

Table 37. Americas Automotive Power Modules Sales by Type (2019-2024) & (K Units)

Table 38. Americas Automotive Power Modules Sales by Application (2019-2024) & (K Units)

Table 39. APAC Automotive Power Modules Sales by Region (2019-2024) & (K Units)

Table 40. APAC Automotive Power Modules Sales Market Share by Region (2019-2024)

Table 41. APAC Automotive Power Modules Revenue by Region (2019-2024) & (\$ Millions)

Table 42. APAC Automotive Power Modules Revenue Market Share by Region (2019-2024)

Table 43. APAC Automotive Power Modules Sales by Type (2019-2024) & (K Units)



Table 44. APAC Automotive Power Modules Sales by Application (2019-2024) & (K Units)

Table 45. Europe Automotive Power Modules Sales by Country (2019-2024) & (K Units)

Table 46. Europe Automotive Power Modules Sales Market Share by Country (2019-2024)

Table 47. Europe Automotive Power Modules Revenue by Country (2019-2024) & (\$ Millions)

Table 48. Europe Automotive Power Modules Revenue Market Share by Country (2019-2024)

Table 49. Europe Automotive Power Modules Sales by Type (2019-2024) & (K Units)

Table 50. Europe Automotive Power Modules Sales by Application (2019-2024) & (K Units)

Table 51. Middle East & Africa Automotive Power Modules Sales by Country (2019-2024) & (K Units)

Table 52. Middle East & Africa Automotive Power Modules Sales Market Share by Country (2019-2024)

Table 53. Middle East & Africa Automotive Power Modules Revenue by Country (2019-2024) & (\$ Millions)

Table 54. Middle East & Africa Automotive Power Modules Revenue Market Share by Country (2019-2024)

Table 55. Middle East & Africa Automotive Power Modules Sales by Type (2019-2024) & (K Units)

Table 56. Middle East & Africa Automotive Power Modules Sales by Application (2019-2024) & (K Units)

Table 57. Key Market Drivers & Growth Opportunities of Automotive Power Modules

Table 58. Key Market Challenges & Risks of Automotive Power Modules

Table 59. Key Industry Trends of Automotive Power Modules

Table 60. Automotive Power Modules Raw Material

Table 61. Key Suppliers of Raw Materials

Table 62. Automotive Power Modules Distributors List

Table 63. Automotive Power Modules Customer List

Table 64. Global Automotive Power Modules Sales Forecast by Region (2025-2030) & (K Units)

Table 65. Global Automotive Power Modules Revenue Forecast by Region (2025-2030) & (\$ millions)

Table 66. Americas Automotive Power Modules Sales Forecast by Country (2025-2030) & (K Units)

Table 67. Americas Automotive Power Modules Revenue Forecast by Country (2025-2030) & (\$ millions)



Table 68. APAC Automotive Power Modules Sales Forecast by Region (2025-2030) & (K Units)

Table 69. APAC Automotive Power Modules Revenue Forecast by Region (2025-2030) & (\$ millions)

Table 70. Europe Automotive Power Modules Sales Forecast by Country (2025-2030) & (K Units)

Table 71. Europe Automotive Power Modules Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 72. Middle East & Africa Automotive Power Modules Sales Forecast by Country (2025-2030) & (K Units)

Table 73. Middle East & Africa Automotive Power Modules Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 74. Global Automotive Power Modules Sales Forecast by Type (2025-2030) & (K Units)

Table 75. Global Automotive Power Modules Revenue Forecast by Type (2025-2030) & (\$ Millions)

Table 76. Global Automotive Power Modules Sales Forecast by Application (2025-2030) & (K Units)

Table 77. Global Automotive Power Modules Revenue Forecast by Application (2025-2030) & (\$ Millions)

Table 78. Infineon Basic Information, Automotive Power Modules Manufacturing Base, Sales Area and Its Competitors

Table 79. Infineon Automotive Power Modules Product Portfolios and Specifications

Table 80. Infineon Automotive Power Modules Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 81. Infineon Main Business

Table 82. Infineon Latest Developments

Table 83. Mitsubishi Electric Basic Information, Automotive Power Modules Manufacturing Base, Sales Area and Its Competitors

Table 84. Mitsubishi Electric Automotive Power Modules Product Portfolios and Specifications

Table 85. Mitsubishi Electric Automotive Power Modules Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 86. Mitsubishi Electric Main Business

Table 87. Mitsubishi Electric Latest Developments

Table 88. Fuji Electric Basic Information, Automotive Power Modules Manufacturing Base, Sales Area and Its Competitors

Table 89. Fuji Electric Automotive Power Modules Product Portfolios and Specifications

Table 90. Fuji Electric Automotive Power Modules Sales (K Units), Revenue (\$ Million),

Price (USD/Unit) and Gross Margin (2019-2024)

Table 91. Fuji Electric Main Business

Table 92. Fuji Electric Latest Developments

Table 93. ON Semiconductor Basic Information, Automotive Power Modules Manufacturing Base, Sales Area and Its Competitors

Table 94. ON Semiconductor Automotive Power Modules Product Portfolios and Specifications

Table 95. ON Semiconductor Automotive Power Modules Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 96. ON Semiconductor Main Business

Table 97. ON Semiconductor Latest Developments

Table 98. STMicroelectronics Basic Information, Automotive Power Modules Manufacturing Base, Sales Area and Its Competitors

Table 99. STMicroelectronics Automotive Power Modules Product Portfolios and Specifications

Table 100. STMicroelectronics Automotive Power Modules Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 101. STMicroelectronics Main Business

Table 102. STMicroelectronics Latest Developments

Table 103. Hitachi Power Semiconductor Device Basic Information, Automotive Power Modules Manufacturing Base, Sales Area and Its Competitors

Table 104. Hitachi Power Semiconductor Device Automotive Power Modules Product Portfolios and Specifications

Table 105. Hitachi Power Semiconductor Device Automotive Power Modules Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 106. Hitachi Power Semiconductor Device Main Business

Table 107. Hitachi Power Semiconductor Device Latest Developments

Table 108. Semikron Basic Information, Automotive Power Modules Manufacturing Base, Sales Area and Its Competitors

Table 109. Semikron Automotive Power Modules Product Portfolios and Specifications

Table 110. Semikron Automotive Power Modules Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 111. Semikron Main Business

Table 112. Semikron Latest Developments

Table 113. Danfoss Basic Information, Automotive Power Modules Manufacturing Base, Sales Area and Its Competitors

Table 114. Danfoss Automotive Power Modules Product Portfolios and Specifications

Table 115. Danfoss Automotive Power Modules Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 116. Danfoss Main Business

Table 117. Danfoss Latest Developments

Table 118. ROHM Basic Information, Automotive Power Modules Manufacturing Base, Sales Area and Its Competitors

Table 119. ROHM Automotive Power Modules Product Portfolios and Specifications

Table 120. ROHM Automotive Power Modules Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 121. ROHM Main Business

Table 122. ROHM Latest Developments

Table 123. BYD Basic Information, Automotive Power Modules Manufacturing Base, Sales Area and Its Competitors

Table 124. BYD Automotive Power Modules Product Portfolios and Specifications

Table 125. BYD Automotive Power Modules Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 126. BYD Main Business

Table 127. BYD Latest Developments

Table 128. Starpower Semiconductor Basic Information, Automotive Power Modules Manufacturing Base, Sales Area and Its Competitors

Table 129. Starpower Semiconductor Automotive Power Modules Product Portfolios and Specifications

Table 130. Starpower Semiconductor Automotive Power Modules Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 131. Starpower Semiconductor Main Business

Table 132. Starpower Semiconductor Latest Developments

## List Of Figures

### LIST OF FIGURES

- Figure 1. Picture of Automotive Power Modules
- Figure 2. Automotive Power Modules Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Automotive Power Modules Sales Growth Rate 2019-2030 (K Units)
- Figure 7. Global Automotive Power Modules Revenue Growth Rate 2019-2030 (\$ Millions)
- Figure 8. Automotive Power Modules Sales by Region (2019, 2023 & 2030) & (\$ Millions)
- Figure 9. Product Picture of IGBT Modules
- Figure 10. Product Picture of SiC Modules
- Figure 11. Global Automotive Power Modules Sales Market Share by Type in 2023
- Figure 12. Global Automotive Power Modules Revenue Market Share by Type (2019-2024)
- Figure 13. Automotive Power Modules Consumed in Battery Electric Vehicles (BEV)
- Figure 14. Global Automotive Power Modules Market: Battery Electric Vehicles (BEV) (2019-2024) & (K Units)
- Figure 15. Automotive Power Modules Consumed in Plug-in Hybrid Electric Vehicles (PHEV)
- Figure 16. Global Automotive Power Modules Market: Plug-in Hybrid Electric Vehicles (PHEV) (2019-2024) & (K Units)
- Figure 17. Global Automotive Power Modules Sales Market Share by Application (2023)
- Figure 18. Global Automotive Power Modules Revenue Market Share by Application in 2023
- Figure 19. Automotive Power Modules Sales Market by Company in 2023 (K Units)
- Figure 20. Global Automotive Power Modules Sales Market Share by Company in 2023
- Figure 21. Automotive Power Modules Revenue Market by Company in 2023 (\$ Million)
- Figure 22. Global Automotive Power Modules Revenue Market Share by Company in 2023
- Figure 23. Global Automotive Power Modules Sales Market Share by Geographic Region (2019-2024)
- Figure 24. Global Automotive Power Modules Revenue Market Share by Geographic Region in 2023
- Figure 25. Americas Automotive Power Modules Sales 2019-2024 (K Units)

Figure 26. Americas Automotive Power Modules Revenue 2019-2024 (\$ Millions)

Figure 27. APAC Automotive Power Modules Sales 2019-2024 (K Units)

Figure 28. APAC Automotive Power Modules Revenue 2019-2024 (\$ Millions)

Figure 29. Europe Automotive Power Modules Sales 2019-2024 (K Units)

Figure 30. Europe Automotive Power Modules Revenue 2019-2024 (\$ Millions)

Figure 31. Middle East & Africa Automotive Power Modules Sales 2019-2024 (K Units)

Figure 32. Middle East & Africa Automotive Power Modules Revenue 2019-2024 (\$ Millions)

Figure 33. Americas Automotive Power Modules Sales Market Share by Country in 2023

Figure 34. Americas Automotive Power Modules Revenue Market Share by Country in 2023

Figure 35. Americas Automotive Power Modules Sales Market Share by Type (2019-2024)

Figure 36. Americas Automotive Power Modules Sales Market Share by Application (2019-2024)

Figure 37. United States Automotive Power Modules Revenue Growth 2019-2024 (\$ Millions)

Figure 38. Canada Automotive Power Modules Revenue Growth 2019-2024 (\$ Millions)

Figure 39. Mexico Automotive Power Modules Revenue Growth 2019-2024 (\$ Millions)

Figure 40. Brazil Automotive Power Modules Revenue Growth 2019-2024 (\$ Millions)

Figure 41. APAC Automotive Power Modules Sales Market Share by Region in 2023

Figure 42. APAC Automotive Power Modules Revenue Market Share by Regions in 2023

Figure 43. APAC Automotive Power Modules Sales Market Share by Type (2019-2024)

Figure 44. APAC Automotive Power Modules Sales Market Share by Application (2019-2024)

Figure 45. China Automotive Power Modules Revenue Growth 2019-2024 (\$ Millions)

Figure 46. Japan Automotive Power Modules Revenue Growth 2019-2024 (\$ Millions)

Figure 47. South Korea Automotive Power Modules Revenue Growth 2019-2024 (\$ Millions)

Figure 48. Southeast Asia Automotive Power Modules Revenue Growth 2019-2024 (\$ Millions)

Figure 49. India Automotive Power Modules Revenue Growth 2019-2024 (\$ Millions)

Figure 50. Australia Automotive Power Modules Revenue Growth 2019-2024 (\$ Millions)

Figure 51. China Taiwan Automotive Power Modules Revenue Growth 2019-2024 (\$ Millions)

Figure 52. Europe Automotive Power Modules Sales Market Share by Country in 2023



Figure 53. Europe Automotive Power Modules Revenue Market Share by Country in 2023

Figure 54. Europe Automotive Power Modules Sales Market Share by Type (2019-2024)

Figure 55. Europe Automotive Power Modules Sales Market Share by Application (2019-2024)

Figure 56. Germany Automotive Power Modules Revenue Growth 2019-2024 (\$ Millions)

Figure 57. France Automotive Power Modules Revenue Growth 2019-2024 (\$ Millions)

Figure 58. UK Automotive Power Modules Revenue Growth 2019-2024 (\$ Millions)

Figure 59. Italy Automotive Power Modules Revenue Growth 2019-2024 (\$ Millions)

Figure 60. Russia Automotive Power Modules Revenue Growth 2019-2024 (\$ Millions)

Figure 61. Middle East & Africa Automotive Power Modules Sales Market Share by Country in 2023

Figure 62. Middle East & Africa Automotive Power Modules Revenue Market Share by Country in 2023

Figure 63. Middle East & Africa Automotive Power Modules Sales Market Share by Type (2019-2024)

Figure 64. Middle East & Africa Automotive Power Modules Sales Market Share by Application (2019-2024)

Figure 65. Egypt Automotive Power Modules Revenue Growth 2019-2024 (\$ Millions)

Figure 66. South Africa Automotive Power Modules Revenue Growth 2019-2024 (\$ Millions)

Figure 67. Israel Automotive Power Modules Revenue Growth 2019-2024 (\$ Millions)

Figure 68. Turkey Automotive Power Modules Revenue Growth 2019-2024 (\$ Millions)

Figure 69. GCC Country Automotive Power Modules Revenue Growth 2019-2024 (\$ Millions)

Figure 70. Manufacturing Cost Structure Analysis of Automotive Power Modules in 2023

Figure 71. Manufacturing Process Analysis of Automotive Power Modules

Figure 72. Industry Chain Structure of Automotive Power Modules

Figure 73. Channels of Distribution

Figure 74. Global Automotive Power Modules Sales Market Forecast by Region (2025-2030)

Figure 75. Global Automotive Power Modules Revenue Market Share Forecast by Region (2025-2030)

Figure 76. Global Automotive Power Modules Sales Market Share Forecast by Type (2025-2030)

Figure 77. Global Automotive Power Modules Revenue Market Share Forecast by Type (2025-2030)

Figure 78. Global Automotive Power Modules Sales Market Share Forecast by Application (2025-2030)

Figure 79. Global Automotive Power Modules Revenue Market Share Forecast by Application (2025-2030)

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