

# Global Automotive Intelligent Power Module (IPM) Market Growth 2025-2031

<https://marketpublishers.com/r/GCD0BD872710EN.html>

Date: June 2025

Pages: 100

Price: US\$ 3,660.00 (Single User License)

ID: GCD0BD872710EN

## Abstracts

The global Automotive Intelligent Power Module (IPM) market size is predicted to grow from US\$ 172 million in 2025 to US\$ 342 million in 2031; it is expected to grow at a CAGR of 12.1% from 2025 to 2031.

An Automotive Intelligent Power Module (IPM) is a specialized semiconductor device designed to control and drive high-power electrical systems in automotive applications. IPMs are specifically engineered to meet the stringent requirements of the automotive industry, where reliability, efficiency, and compactness are of paramount importance. These modules are used to control various power-driven systems within vehicles, including electric powertrains, hybrid systems, electric steering, HVAC (Heating, Ventilation, and Air Conditioning), and more.

The market for Automotive Intelligent Power Modules (IPMs) was experiencing significant growth due to the increasing adoption of electric and hybrid vehicles, as well as the overall trend toward vehicle electrification. The automotive industry's shift toward cleaner and more energy-efficient technologies has driven the demand for efficient power electronics solutions like IPMs. These modules play a crucial role in electric powertrains, hybrid systems, and other power-driven components in vehicles.

Here are some trends and factors that were influencing the Automotive Intelligent Power Module market up to that point:

**Electrification of Vehicles:** The global automotive industry was undergoing a significant transformation with the rise of electric and hybrid vehicles. Automotive IPMs were essential components in electric powertrains and hybrid systems, facilitating efficient motor control and power conversion.

**Stringent Emission Regulations:** Stringent emission regulations and fuel efficiency targets in various regions were driving automakers to develop electric and hybrid vehicles. This trend bolstered the demand for IPMs to enable energy-efficient operation.

**Increased Power Electronics Integration:** As vehicles integrated more power electronics for various functions, the demand for compact, reliable, and high-performance IPMs grew. These modules are used in multiple applications within electrified vehicles.

**Energy Efficiency and Range Optimization:** IPMs played a vital role in achieving energy efficiency and maximizing the driving range of electric and hybrid vehicles by ensuring efficient power conversion and motor control.

**Growing Demand for Electric Motors:** The increasing adoption of electric motors in various automotive applications, such as power steering, HVAC systems, and auxiliary systems, contributed to the demand for IPMs.

**Technological Advancements:** Semiconductor manufacturers continued to innovate, enhancing the performance, efficiency, and reliability of Automotive IPMs to meet the unique requirements of automotive applications.

**Battery Electric Vehicle (BEV) and Plug-in Hybrid Electric Vehicle (PHEV) Growth:** The shift towards BEVs and PHEVs in response to consumer demand and government incentives was driving the use of IPMs in these vehicles.

**Supply Chain and Material Challenges:** Similar to other semiconductor components, the IPM market faced supply chain challenges due to factors like the COVID-19 pandemic, semiconductor shortages, and materials availability.

**Automotive Safety Standards:** Automotive IPMs were required to meet stringent safety and quality standards to ensure the overall safety and reliability of vehicles.

**Global Market Expansion:** The demand for Automotive IPMs was not limited to specific regions, with growth observed in both established automotive markets and emerging markets.

**Partnerships and Collaborations:** Semiconductor companies collaborated with automakers and other industry stakeholders to develop customized IPM solutions that met specific vehicle requirements.

**Cost Competitiveness:** As the electric vehicle market matured, achieving cost competitiveness while maintaining quality became a key focus, influencing the pricing and adoption of IPMs.

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

This Insight Report provides a comprehensive analysis of the global Automotive Intelligent Power Module (IPM) 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 Automotive Intelligent Power Module (IPM) portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Automotive Intelligent Power Module (IPM) market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Automotive Intelligent Power Module (IPM) 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 Automotive Intelligent Power Module (IPM).

This report presents a comprehensive overview, market shares, and growth opportunities of Automotive Intelligent Power Module (IPM) market by product type, application, key manufacturers and key regions and countries.

### **Segmentation by Type:**

IGBT Based IPM

MOSFET Based IPM

**Segmentation by Application:**

Passenger Car

Commercial Vehicle

**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.

Mitsubishi Electric

ON Semi

Infineon Technologies

Fuji Electric

Semikron Danfoss

ROHM

STMicroelectronics

Hangzhou Silan

Jilin Sino-Microelectronics

### **Key Questions Addressed in this Report**

is the 10-year outlook for the global Automotive Intelligent Power Module (IPM) market?

factors are driving Automotive Intelligent Power Module (IPM) market growth, globally and by region?

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

How do Automotive Intelligent Power Module (IPM) market opportunities vary by end market size?

How does Automotive Intelligent Power Module (IPM) 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 Automotive Intelligent Power Module (IPM) Annual Sales 2020-2031
- 2.1.2 World Current & Future Analysis for Automotive Intelligent Power Module (IPM) by Geographic Region, 2020, 2024 & 2031
- 2.1.3 World Current & Future Analysis for Automotive Intelligent Power Module (IPM) by Country/Region, 2020, 2024 & 2031

#### 2.2 Automotive Intelligent Power Module (IPM) Segment by Type

- 2.2.1 IGBT Based IPM
- 2.2.2 MOSFET Based IPM

#### 2.3 Automotive Intelligent Power Module (IPM) Sales by Type

- 2.3.1 Global Automotive Intelligent Power Module (IPM) Sales Market Share by Type (2020-2025)
- 2.3.2 Global Automotive Intelligent Power Module (IPM) Revenue and Market Share by Type (2020-2025)
- 2.3.3 Global Automotive Intelligent Power Module (IPM) Sale Price by Type (2020-2025)

#### 2.4 Automotive Intelligent Power Module (IPM) Segment by Application

- 2.4.1 Passenger Car
- 2.4.2 Commercial Vehicle

#### 2.5 Automotive Intelligent Power Module (IPM) Sales by Application

- 2.5.1 Global Automotive Intelligent Power Module (IPM) Sale Market Share by Application (2020-2025)
- 2.5.2 Global Automotive Intelligent Power Module (IPM) Revenue and Market Share by Application (2020-2025)

2.5.3 Global Automotive Intelligent Power Module (IPM) Sale Price by Application (2020-2025)

### **3 GLOBAL BY COMPANY**

3.1 Global Automotive Intelligent Power Module (IPM) Breakdown Data by Company

3.1.1 Global Automotive Intelligent Power Module (IPM) Annual Sales by Company (2020-2025)

3.1.2 Global Automotive Intelligent Power Module (IPM) Sales Market Share by Company (2020-2025)

3.2 Global Automotive Intelligent Power Module (IPM) Annual Revenue by Company (2020-2025)

3.2.1 Global Automotive Intelligent Power Module (IPM) Revenue by Company (2020-2025)

3.2.2 Global Automotive Intelligent Power Module (IPM) Revenue Market Share by Company (2020-2025)

3.3 Global Automotive Intelligent Power Module (IPM) Sale Price by Company

3.4 Key Manufacturers Automotive Intelligent Power Module (IPM) Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Automotive Intelligent Power Module (IPM) Product Location Distribution

3.4.2 Players Automotive Intelligent Power Module (IPM) 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 AUTOMOTIVE INTELLIGENT POWER MODULE (IPM) BY GEOGRAPHIC REGION**

4.1 World Historic Automotive Intelligent Power Module (IPM) Market Size by Geographic Region (2020-2025)

4.1.1 Global Automotive Intelligent Power Module (IPM) Annual Sales by Geographic Region (2020-2025)

4.1.2 Global Automotive Intelligent Power Module (IPM) Annual Revenue by Geographic Region (2020-2025)

4.2 World Historic Automotive Intelligent Power Module (IPM) Market Size by Country/Region (2020-2025)

- 4.2.1 Global Automotive Intelligent Power Module (IPM) Annual Sales by Country/Region (2020-2025)
- 4.2.2 Global Automotive Intelligent Power Module (IPM) Annual Revenue by Country/Region (2020-2025)
- 4.3 Americas Automotive Intelligent Power Module (IPM) Sales Growth
- 4.4 APAC Automotive Intelligent Power Module (IPM) Sales Growth
- 4.5 Europe Automotive Intelligent Power Module (IPM) Sales Growth
- 4.6 Middle East & Africa Automotive Intelligent Power Module (IPM) Sales Growth

## **5 AMERICAS**

- 5.1 Americas Automotive Intelligent Power Module (IPM) Sales by Country
  - 5.1.1 Americas Automotive Intelligent Power Module (IPM) Sales by Country (2020-2025)
  - 5.1.2 Americas Automotive Intelligent Power Module (IPM) Revenue by Country (2020-2025)
- 5.2 Americas Automotive Intelligent Power Module (IPM) Sales by Type (2020-2025)
- 5.3 Americas Automotive Intelligent Power Module (IPM) Sales by Application (2020-2025)
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

## **6 APAC**

- 6.1 APAC Automotive Intelligent Power Module (IPM) Sales by Region
  - 6.1.1 APAC Automotive Intelligent Power Module (IPM) Sales by Region (2020-2025)
  - 6.1.2 APAC Automotive Intelligent Power Module (IPM) Revenue by Region (2020-2025)
- 6.2 APAC Automotive Intelligent Power Module (IPM) Sales by Type (2020-2025)
- 6.3 APAC Automotive Intelligent Power Module (IPM) 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 Automotive Intelligent Power Module (IPM) by Country

7.1.1 Europe Automotive Intelligent Power Module (IPM) Sales by Country (2020-2025)

7.1.2 Europe Automotive Intelligent Power Module (IPM) Revenue by Country (2020-2025)

### 7.2 Europe Automotive Intelligent Power Module (IPM) Sales by Type (2020-2025)

7.3 Europe Automotive Intelligent Power Module (IPM) 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 Automotive Intelligent Power Module (IPM) by Country

8.1.1 Middle East & Africa Automotive Intelligent Power Module (IPM) Sales by Country (2020-2025)

8.1.2 Middle East & Africa Automotive Intelligent Power Module (IPM) Revenue by Country (2020-2025)

8.2 Middle East & Africa Automotive Intelligent Power Module (IPM) Sales by Type (2020-2025)

8.3 Middle East & Africa Automotive Intelligent Power Module (IPM) 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 Automotive Intelligent Power Module (IPM)

10.3 Manufacturing Process Analysis of Automotive Intelligent Power Module (IPM)

10.4 Industry Chain Structure of Automotive Intelligent Power Module (IPM)

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

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Automotive Intelligent Power Module (IPM) Distributors

11.3 Automotive Intelligent Power Module (IPM) Customer

## **12 WORLD FORECAST REVIEW FOR AUTOMOTIVE INTELLIGENT POWER MODULE (IPM) BY GEOGRAPHIC REGION**

12.1 Global Automotive Intelligent Power Module (IPM) Market Size Forecast by Region

12.1.1 Global Automotive Intelligent Power Module (IPM) Forecast by Region (2026-2031)

12.1.2 Global Automotive Intelligent Power Module (IPM) 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 Automotive Intelligent Power Module (IPM) Forecast by Type (2026-2031)

12.7 Global Automotive Intelligent Power Module (IPM) Forecast by Application (2026-2031)

## **13 KEY PLAYERS ANALYSIS**

13.1 Mitsubishi Electric

13.1.1 Mitsubishi Electric Company Information

13.1.2 Mitsubishi Electric Automotive Intelligent Power Module (IPM) Product Portfolios and Specifications

- 13.1.3 Mitsubishi Electric Automotive Intelligent Power Module (IPM) Sales, Revenue, Price and Gross Margin (2020-2025)
- 13.1.4 Mitsubishi Electric Main Business Overview
- 13.1.5 Mitsubishi Electric Latest Developments
- 13.2 ON Semi
  - 13.2.1 ON Semi Company Information
  - 13.2.2 ON Semi Automotive Intelligent Power Module (IPM) Product Portfolios and Specifications
  - 13.2.3 ON Semi Automotive Intelligent Power Module (IPM) Sales, Revenue, Price and Gross Margin (2020-2025)
  - 13.2.4 ON Semi Main Business Overview
  - 13.2.5 ON Semi Latest Developments
- 13.3 Infineon Technologies
  - 13.3.1 Infineon Technologies Company Information
  - 13.3.2 Infineon Technologies Automotive Intelligent Power Module (IPM) Product Portfolios and Specifications
  - 13.3.3 Infineon Technologies Automotive Intelligent Power Module (IPM) Sales, Revenue, Price and Gross Margin (2020-2025)
  - 13.3.4 Infineon Technologies Main Business Overview
  - 13.3.5 Infineon Technologies Latest Developments
- 13.4 Fuji Electric
  - 13.4.1 Fuji Electric Company Information
  - 13.4.2 Fuji Electric Automotive Intelligent Power Module (IPM) Product Portfolios and Specifications
  - 13.4.3 Fuji Electric Automotive Intelligent Power Module (IPM) Sales, Revenue, Price and Gross Margin (2020-2025)
  - 13.4.4 Fuji Electric Main Business Overview
  - 13.4.5 Fuji Electric Latest Developments
- 13.5 Semikron Danfoss
  - 13.5.1 Semikron Danfoss Company Information
  - 13.5.2 Semikron Danfoss Automotive Intelligent Power Module (IPM) Product Portfolios and Specifications
  - 13.5.3 Semikron Danfoss Automotive Intelligent Power Module (IPM) Sales, Revenue, Price and Gross Margin (2020-2025)
  - 13.5.4 Semikron Danfoss Main Business Overview
  - 13.5.5 Semikron Danfoss Latest Developments
- 13.6 ROHM
  - 13.6.1 ROHM Company Information
  - 13.6.2 ROHM Automotive Intelligent Power Module (IPM) Product Portfolios and

## Specifications

13.6.3 ROHM Automotive Intelligent Power Module (IPM) Sales, Revenue, Price and Gross Margin (2020-2025)

13.6.4 ROHM Main Business Overview

13.6.5 ROHM Latest Developments

## 13.7 STMicroelectronics

13.7.1 STMicroelectronics Company Information

13.7.2 STMicroelectronics Automotive Intelligent Power Module (IPM) Product

### Portfolios and Specifications

13.7.3 STMicroelectronics Automotive Intelligent Power Module (IPM) Sales, Revenue, Price and Gross Margin (2020-2025)

13.7.4 STMicroelectronics Main Business Overview

13.7.5 STMicroelectronics Latest Developments

## 13.8 Hangzhou Silan

13.8.1 Hangzhou Silan Company Information

13.8.2 Hangzhou Silan Automotive Intelligent Power Module (IPM) Product Portfolios and Specifications

13.8.3 Hangzhou Silan Automotive Intelligent Power Module (IPM) Sales, Revenue, Price and Gross Margin (2020-2025)

13.8.4 Hangzhou Silan Main Business Overview

13.8.5 Hangzhou Silan Latest Developments

## 13.9 Jilin Sino-Microelectronics

13.9.1 Jilin Sino-Microelectronics Company Information

13.9.2 Jilin Sino-Microelectronics Automotive Intelligent Power Module (IPM) Product

### Portfolios and Specifications

13.9.3 Jilin Sino-Microelectronics Automotive Intelligent Power Module (IPM) Sales, Revenue, Price and Gross Margin (2020-2025)

13.9.4 Jilin Sino-Microelectronics Main Business Overview

13.9.5 Jilin Sino-Microelectronics Latest Developments

## **14 RESEARCH FINDINGS AND CONCLUSION**

## List Of Tables

### LIST OF TABLES

Table 1. Automotive Intelligent Power Module (IPM) Annual Sales CAGR by Geographic Region (2020, 2024 & 2031) & (\$ millions)

Table 2. Automotive Intelligent Power Module (IPM) Annual Sales CAGR by Country/Region (2020, 2024 & 2031) & (\$ millions)

Table 3. Major Players of IGBT Based IPM

Table 4. Major Players of MOSFET Based IPM

Table 5. Global Automotive Intelligent Power Module (IPM) Sales by Type (2020-2025) & (K Units)

Table 6. Global Automotive Intelligent Power Module (IPM) Sales Market Share by Type (2020-2025)

Table 7. Global Automotive Intelligent Power Module (IPM) Revenue by Type (2020-2025) & (\$ million)

Table 8. Global Automotive Intelligent Power Module (IPM) Revenue Market Share by Type (2020-2025)

Table 9. Global Automotive Intelligent Power Module (IPM) Sale Price by Type (2020-2025) & (US\$/Unit)

Table 10. Global Automotive Intelligent Power Module (IPM) Sale by Application (2020-2025) & (K Units)

Table 11. Global Automotive Intelligent Power Module (IPM) Sale Market Share by Application (2020-2025)

Table 12. Global Automotive Intelligent Power Module (IPM) Revenue by Application (2020-2025) & (\$ million)

Table 13. Global Automotive Intelligent Power Module (IPM) Revenue Market Share by Application (2020-2025)

Table 14. Global Automotive Intelligent Power Module (IPM) Sale Price by Application (2020-2025) & (US\$/Unit)

Table 15. Global Automotive Intelligent Power Module (IPM) Sales by Company (2020-2025) & (K Units)

Table 16. Global Automotive Intelligent Power Module (IPM) Sales Market Share by Company (2020-2025)

Table 17. Global Automotive Intelligent Power Module (IPM) Revenue by Company (2020-2025) & (\$ millions)

Table 18. Global Automotive Intelligent Power Module (IPM) Revenue Market Share by Company (2020-2025)

Table 19. Global Automotive Intelligent Power Module (IPM) Sale Price by Company

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

Table 20. Key Manufacturers Automotive Intelligent Power Module (IPM) Producing Area Distribution and Sales Area

Table 21. Players Automotive Intelligent Power Module (IPM) Products Offered

Table 22. Automotive Intelligent Power Module (IPM) Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)

Table 23. New Products and Potential Entrants

Table 24. Market M&A Activity & Strategy

Table 25. Global Automotive Intelligent Power Module (IPM) Sales by Geographic Region (2020-2025) & (K Units)

Table 26. Global Automotive Intelligent Power Module (IPM) Sales Market Share Geographic Region (2020-2025)

Table 27. Global Automotive Intelligent Power Module (IPM) Revenue by Geographic Region (2020-2025) & (\$ millions)

Table 28. Global Automotive Intelligent Power Module (IPM) Revenue Market Share by Geographic Region (2020-2025)

Table 29. Global Automotive Intelligent Power Module (IPM) Sales by Country/Region (2020-2025) & (K Units)

Table 30. Global Automotive Intelligent Power Module (IPM) Sales Market Share by Country/Region (2020-2025)

Table 31. Global Automotive Intelligent Power Module (IPM) Revenue by Country/Region (2020-2025) & (\$ millions)

Table 32. Global Automotive Intelligent Power Module (IPM) Revenue Market Share by Country/Region (2020-2025)

Table 33. Americas Automotive Intelligent Power Module (IPM) Sales by Country (2020-2025) & (K Units)

Table 34. Americas Automotive Intelligent Power Module (IPM) Sales Market Share by Country (2020-2025)

Table 35. Americas Automotive Intelligent Power Module (IPM) Revenue by Country (2020-2025) & (\$ millions)

Table 36. Americas Automotive Intelligent Power Module (IPM) Sales by Type (2020-2025) & (K Units)

Table 37. Americas Automotive Intelligent Power Module (IPM) Sales by Application (2020-2025) & (K Units)

Table 38. APAC Automotive Intelligent Power Module (IPM) Sales by Region (2020-2025) & (K Units)

Table 39. APAC Automotive Intelligent Power Module (IPM) Sales Market Share by Region (2020-2025)

Table 40. APAC Automotive Intelligent Power Module (IPM) Revenue by Region

(2020-2025) & (\$ millions)

Table 41. APAC Automotive Intelligent Power Module (IPM) Sales by Type (2020-2025) & (K Units)

Table 42. APAC Automotive Intelligent Power Module (IPM) Sales by Application (2020-2025) & (K Units)

Table 43. Europe Automotive Intelligent Power Module (IPM) Sales by Country (2020-2025) & (K Units)

Table 44. Europe Automotive Intelligent Power Module (IPM) Revenue by Country (2020-2025) & (\$ millions)

Table 45. Europe Automotive Intelligent Power Module (IPM) Sales by Type (2020-2025) & (K Units)

Table 46. Europe Automotive Intelligent Power Module (IPM) Sales by Application (2020-2025) & (K Units)

Table 47. Middle East & Africa Automotive Intelligent Power Module (IPM) Sales by Country (2020-2025) & (K Units)

Table 48. Middle East & Africa Automotive Intelligent Power Module (IPM) Revenue Market Share by Country (2020-2025)

Table 49. Middle East & Africa Automotive Intelligent Power Module (IPM) Sales by Type (2020-2025) & (K Units)

Table 50. Middle East & Africa Automotive Intelligent Power Module (IPM) Sales by Application (2020-2025) & (K Units)

Table 51. Key Market Drivers & Growth Opportunities of Automotive Intelligent Power Module (IPM)

Table 52. Key Market Challenges & Risks of Automotive Intelligent Power Module (IPM)

Table 53. Key Industry Trends of Automotive Intelligent Power Module (IPM)

Table 54. Automotive Intelligent Power Module (IPM) Raw Material

Table 55. Key Suppliers of Raw Materials

Table 56. Automotive Intelligent Power Module (IPM) Distributors List

Table 57. Automotive Intelligent Power Module (IPM) Customer List

Table 58. Global Automotive Intelligent Power Module (IPM) Sales Forecast by Region (2026-2031) & (K Units)

Table 59. Global Automotive Intelligent Power Module (IPM) Revenue Forecast by Region (2026-2031) & (\$ millions)

Table 60. Americas Automotive Intelligent Power Module (IPM) Sales Forecast by Country (2026-2031) & (K Units)

Table 61. Americas Automotive Intelligent Power Module (IPM) Annual Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 62. APAC Automotive Intelligent Power Module (IPM) Sales Forecast by Region (2026-2031) & (K Units)

- Table 63. APAC Automotive Intelligent Power Module (IPM) Annual Revenue Forecast by Region (2026-2031) & (\$ millions)
- Table 64. Europe Automotive Intelligent Power Module (IPM) Sales Forecast by Country (2026-2031) & (K Units)
- Table 65. Europe Automotive Intelligent Power Module (IPM) Revenue Forecast by Country (2026-2031) & (\$ millions)
- Table 66. Middle East & Africa Automotive Intelligent Power Module (IPM) Sales Forecast by Country (2026-2031) & (K Units)
- Table 67. Middle East & Africa Automotive Intelligent Power Module (IPM) Revenue Forecast by Country (2026-2031) & (\$ millions)
- Table 68. Global Automotive Intelligent Power Module (IPM) Sales Forecast by Type (2026-2031) & (K Units)
- Table 69. Global Automotive Intelligent Power Module (IPM) Revenue Forecast by Type (2026-2031) & (\$ millions)
- Table 70. Global Automotive Intelligent Power Module (IPM) Sales Forecast by Application (2026-2031) & (K Units)
- Table 71. Global Automotive Intelligent Power Module (IPM) Revenue Forecast by Application (2026-2031) & (\$ millions)
- Table 72. Mitsubishi Electric Basic Information, Automotive Intelligent Power Module (IPM) Manufacturing Base, Sales Area and Its Competitors
- Table 73. Mitsubishi Electric Automotive Intelligent Power Module (IPM) Product Portfolios and Specifications
- Table 74. Mitsubishi Electric Automotive Intelligent Power Module (IPM) Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)
- Table 75. Mitsubishi Electric Main Business
- Table 76. Mitsubishi Electric Latest Developments
- Table 77. ON Semi Basic Information, Automotive Intelligent Power Module (IPM) Manufacturing Base, Sales Area and Its Competitors
- Table 78. ON Semi Automotive Intelligent Power Module (IPM) Product Portfolios and Specifications
- Table 79. ON Semi Automotive Intelligent Power Module (IPM) Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)
- Table 80. ON Semi Main Business
- Table 81. ON Semi Latest Developments
- Table 82. Infineon Technologies Basic Information, Automotive Intelligent Power Module (IPM) Manufacturing Base, Sales Area and Its Competitors
- Table 83. Infineon Technologies Automotive Intelligent Power Module (IPM) Product Portfolios and Specifications
- Table 84. Infineon Technologies Automotive Intelligent Power Module (IPM) Sales (K

Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 85. Infineon Technologies Main Business

Table 86. Infineon Technologies Latest Developments

Table 87. Fuji Electric Basic Information, Automotive Intelligent Power Module (IPM) Manufacturing Base, Sales Area and Its Competitors

Table 88. Fuji Electric Automotive Intelligent Power Module (IPM) Product Portfolios and Specifications

Table 89. Fuji Electric Automotive Intelligent Power Module (IPM) Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 90. Fuji Electric Main Business

Table 91. Fuji Electric Latest Developments

Table 92. Semikron Danfoss Basic Information, Automotive Intelligent Power Module (IPM) Manufacturing Base, Sales Area and Its Competitors

Table 93. Semikron Danfoss Automotive Intelligent Power Module (IPM) Product Portfolios and Specifications

Table 94. Semikron Danfoss Automotive Intelligent Power Module (IPM) Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 95. Semikron Danfoss Main Business

Table 96. Semikron Danfoss Latest Developments

Table 97. ROHM Basic Information, Automotive Intelligent Power Module (IPM) Manufacturing Base, Sales Area and Its Competitors

Table 98. ROHM Automotive Intelligent Power Module (IPM) Product Portfolios and Specifications

Table 99. ROHM Automotive Intelligent Power Module (IPM) Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 100. ROHM Main Business

Table 101. ROHM Latest Developments

Table 102. STMicroelectronics Basic Information, Automotive Intelligent Power Module (IPM) Manufacturing Base, Sales Area and Its Competitors

Table 103. STMicroelectronics Automotive Intelligent Power Module (IPM) Product Portfolios and Specifications

Table 104. STMicroelectronics Automotive Intelligent Power Module (IPM) Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 105. STMicroelectronics Main Business

Table 106. STMicroelectronics Latest Developments

Table 107. Hangzhou Silan Basic Information, Automotive Intelligent Power Module (IPM) Manufacturing Base, Sales Area and Its Competitors

Table 108. Hangzhou Silan Automotive Intelligent Power Module (IPM) Product Portfolios and Specifications

Table 109. Hangzhou Silan Automotive Intelligent Power Module (IPM) Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 110. Hangzhou Silan Main Business

Table 111. Hangzhou Silan Latest Developments

Table 112. Jilin Sino-Microelectronics Basic Information, Automotive Intelligent Power Module (IPM) Manufacturing Base, Sales Area and Its Competitors

Table 113. Jilin Sino-Microelectronics Automotive Intelligent Power Module (IPM) Product Portfolios and Specifications

Table 114. Jilin Sino-Microelectronics Automotive Intelligent Power Module (IPM) Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 115. Jilin Sino-Microelectronics Main Business

Table 116. Jilin Sino-Microelectronics Latest Developments

## List Of Figures

### LIST OF FIGURES

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

Company in 2025

Figure 23. Automotive Intelligent Power Module (IPM) Revenue by Company in 2025 (\$ millions)

Figure 24. Global Automotive Intelligent Power Module (IPM) Revenue Market Share by Company in 2025

Figure 25. Global Automotive Intelligent Power Module (IPM) Sales Market Share by Geographic Region (2020-2025)

Figure 26. Global Automotive Intelligent Power Module (IPM) Revenue Market Share by Geographic Region in 2025

Figure 27. Americas Automotive Intelligent Power Module (IPM) Sales 2020-2025 (K Units)

Figure 28. Americas Automotive Intelligent Power Module (IPM) Revenue 2020-2025 (\$ millions)

Figure 29. APAC Automotive Intelligent Power Module (IPM) Sales 2020-2025 (K Units)

Figure 30. APAC Automotive Intelligent Power Module (IPM) Revenue 2020-2025 (\$ millions)

Figure 31. Europe Automotive Intelligent Power Module (IPM) Sales 2020-2025 (K Units)

Figure 32. Europe Automotive Intelligent Power Module (IPM) Revenue 2020-2025 (\$ millions)

Figure 33. Middle East & Africa Automotive Intelligent Power Module (IPM) Sales 2020-2025 (K Units)

Figure 34. Middle East & Africa Automotive Intelligent Power Module (IPM) Revenue 2020-2025 (\$ millions)

Figure 35. Americas Automotive Intelligent Power Module (IPM) Sales Market Share by Country in 2025

Figure 36. Americas Automotive Intelligent Power Module (IPM) Revenue Market Share by Country (2020-2025)

Figure 37. Americas Automotive Intelligent Power Module (IPM) Sales Market Share by Type (2020-2025)

Figure 38. Americas Automotive Intelligent Power Module (IPM) Sales Market Share by Application (2020-2025)

Figure 39. United States Automotive Intelligent Power Module (IPM) Revenue Growth 2020-2025 (\$ millions)

Figure 40. Canada Automotive Intelligent Power Module (IPM) Revenue Growth 2020-2025 (\$ millions)

Figure 41. Mexico Automotive Intelligent Power Module (IPM) Revenue Growth 2020-2025 (\$ millions)

Figure 42. Brazil Automotive Intelligent Power Module (IPM) Revenue Growth

2020-2025 (\$ millions)

Figure 43. APAC Automotive Intelligent Power Module (IPM) Sales Market Share by Region in 2025

Figure 44. APAC Automotive Intelligent Power Module (IPM) Revenue Market Share by Region (2020-2025)

Figure 45. APAC Automotive Intelligent Power Module (IPM) Sales Market Share by Type (2020-2025)

Figure 46. APAC Automotive Intelligent Power Module (IPM) Sales Market Share by Application (2020-2025)

Figure 47. China Automotive Intelligent Power Module (IPM) Revenue Growth 2020-2025 (\$ millions)

Figure 48. Japan Automotive Intelligent Power Module (IPM) Revenue Growth 2020-2025 (\$ millions)

Figure 49. South Korea Automotive Intelligent Power Module (IPM) Revenue Growth 2020-2025 (\$ millions)

Figure 50. Southeast Asia Automotive Intelligent Power Module (IPM) Revenue Growth 2020-2025 (\$ millions)

Figure 51. India Automotive Intelligent Power Module (IPM) Revenue Growth 2020-2025 (\$ millions)

Figure 52. Australia Automotive Intelligent Power Module (IPM) Revenue Growth 2020-2025 (\$ millions)

Figure 53. China Taiwan Automotive Intelligent Power Module (IPM) Revenue Growth 2020-2025 (\$ millions)

Figure 54. Europe Automotive Intelligent Power Module (IPM) Sales Market Share by Country in 2025

Figure 55. Europe Automotive Intelligent Power Module (IPM) Revenue Market Share by Country (2020-2025)

Figure 56. Europe Automotive Intelligent Power Module (IPM) Sales Market Share by Type (2020-2025)

Figure 57. Europe Automotive Intelligent Power Module (IPM) Sales Market Share by Application (2020-2025)

Figure 58. Germany Automotive Intelligent Power Module (IPM) Revenue Growth 2020-2025 (\$ millions)

Figure 59. France Automotive Intelligent Power Module (IPM) Revenue Growth 2020-2025 (\$ millions)

Figure 60. UK Automotive Intelligent Power Module (IPM) Revenue Growth 2020-2025 (\$ millions)

Figure 61. Italy Automotive Intelligent Power Module (IPM) Revenue Growth 2020-2025 (\$ millions)

Figure 62. Russia Automotive Intelligent Power Module (IPM) Revenue Growth 2020-2025 (\$ millions)

Figure 63. Middle East & Africa Automotive Intelligent Power Module (IPM) Sales Market Share by Country (2020-2025)

Figure 64. Middle East & Africa Automotive Intelligent Power Module (IPM) Sales Market Share by Type (2020-2025)

Figure 65. Middle East & Africa Automotive Intelligent Power Module (IPM) Sales Market Share by Application (2020-2025)

Figure 66. Egypt Automotive Intelligent Power Module (IPM) Revenue Growth 2020-2025 (\$ millions)

Figure 67. South Africa Automotive Intelligent Power Module (IPM) Revenue Growth 2020-2025 (\$ millions)

Figure 68. Israel Automotive Intelligent Power Module (IPM) Revenue Growth 2020-2025 (\$ millions)

Figure 69. Turkey Automotive Intelligent Power Module (IPM) Revenue Growth 2020-2025 (\$ millions)

Figure 70. GCC Countries Automotive Intelligent Power Module (IPM) Revenue Growth 2020-2025 (\$ millions)

Figure 71. Manufacturing Cost Structure Analysis of Automotive Intelligent Power Module (IPM) in 2025

Figure 72. Manufacturing Process Analysis of Automotive Intelligent Power Module (IPM)

Figure 73. Industry Chain Structure of Automotive Intelligent Power Module (IPM)

Figure 74. Channels of Distribution

Figure 75. Global Automotive Intelligent Power Module (IPM) Sales Market Forecast by Region (2026-2031)

Figure 76. Global Automotive Intelligent Power Module (IPM) Revenue Market Share Forecast by Region (2026-2031)

Figure 77. Global Automotive Intelligent Power Module (IPM) Sales Market Share Forecast by Type (2026-2031)

Figure 78. Global Automotive Intelligent Power Module (IPM) Revenue Market Share Forecast by Type (2026-2031)

Figure 79. Global Automotive Intelligent Power Module (IPM) Sales Market Share Forecast by Application (2026-2031)

Figure 80. Global Automotive Intelligent Power Module (IPM) Revenue Market Share Forecast by Application (2026-2031)

## I would like to order

Product name: Global Automotive Intelligent Power Module (IPM) Market Growth 2025-2031

Product link: <https://marketpublishers.com/r/GCD0BD872710EN.html>

Price: US\$ 3,660.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GCD0BD872710EN.html>