

Global Intelligent Power Module (IPM) for Home Appliance Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

<https://marketpublishers.com/r/G5F60D651E35EN.html>

Date: September 2023

Pages: 95

Price: US\$ 3,480.00 (Single User License)

ID: G5F60D651E35EN

Abstracts

According to our (Global Info Research) latest study, the global Intelligent Power Module (IPM) for Home Appliance market size was valued at USD 329.3 million in 2022 and is forecast to a readjusted size of USD 565.7 million by 2029 with a CAGR of 8.0% during review period.

An Intelligent Power Module (IPM) is a compact and integrated semiconductor device designed for controlling and driving high-power electrical loads, such as motors, in various applications, including home appliances. IPMs combine several components, such as power transistors, gate drivers, protection circuits, and often a microcontroller, into a single package. This integration simplifies the design process, reduces the need for external components, and enhances the overall efficiency and reliability of the system.

IPMs find extensive use in home appliances, especially those with motor-driven components, due to their ability to efficiently control and manage power consumption.

The market for Intelligent Power Modules (IPMs) for home appliances was experiencing growth driven by the increasing adoption of energy-efficient appliances, the demand for smart appliances, and the ongoing advancements in semiconductor technology. IPMs are becoming a crucial component in home appliances that require motor control, as they offer benefits in terms of efficiency, reliability, and integration.

Key trends and factors influencing the IPM market for home appliances included:

Energy Efficiency and Sustainability: The growing emphasis on energy efficiency and

environmental sustainability was driving the demand for appliances that optimize energy consumption. IPMs play a role in achieving higher efficiency levels and reducing power wastage in motor-driven appliances.

Smart Home Integration: The trend towards smart homes and IoT-connected appliances was driving the integration of IPMs with microcontrollers and communication capabilities, allowing for remote control, monitoring, and energy management of home appliances.

Advanced Motor Control: IPMs provide advanced motor control capabilities, enabling appliances to offer variable speed control, smooth starting and stopping, and improved performance.

Appliance Upgrades and Modernization: As consumers seek to replace older appliances with more efficient and feature-rich models, manufacturers are incorporating IPMs to enhance appliance functionality.

Cost-Effectiveness: IPMs offer integrated solutions that reduce the need for additional components, thus saving costs in manufacturing, assembly, and maintenance.

Regulations and Standards: Energy efficiency regulations and standards for home appliances in various regions were contributing to the adoption of technologies, including IPMs, that help meet these requirements.

Increasing Appliance Variety: IPMs were being integrated into a broader range of home appliances beyond traditional white goods, including kitchen appliances, HVAC systems, and more.

Global Appliance Market Growth: The global home appliance market was expanding due to population growth, urbanization, rising income levels, and consumer preferences for modern appliances.

Competition and Innovation: Semiconductor manufacturers and module suppliers were continuously innovating to provide IPMs with better performance, more features, and improved reliability.

Supply Chain Disruptions: The COVID-19 pandemic and related supply chain disruptions impacted the semiconductor industry, potentially influencing availability and pricing of IPMs.

Localization and Customization: In some cases, local regulations and preferences drove the need for customized IPM solutions that catered to specific regional requirements.

The Global Info Research report includes an overview of the development of the Intelligent Power Module (IPM) for Home Appliance industry chain, the market status of White Goods (IGBT Based IPM, MOSFET Based IPM), Black Appliances (IGBT Based IPM, MOSFET Based IPM), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Intelligent Power Module (IPM) for Home Appliance.

Regionally, the report analyzes the Intelligent Power Module (IPM) for Home Appliance markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Intelligent Power Module (IPM) for Home Appliance market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Intelligent Power Module (IPM) for Home Appliance market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Intelligent Power Module (IPM) for Home Appliance industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., IGBT Based IPM, MOSFET Based IPM).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Intelligent Power Module (IPM) for Home Appliance market.

Regional Analysis: The report involves examining the Intelligent Power Module (IPM) for Home Appliance market at a regional or national level. Report analyses regional factors

such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Intelligent Power Module (IPM) for Home Appliance market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Intelligent Power Module (IPM) for Home Appliance:

Company Analysis: Report covers individual Intelligent Power Module (IPM) for Home Appliance manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Intelligent Power Module (IPM) for Home Appliance. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (White Goods, Black Appliances).

Technology Analysis: Report covers specific technologies relevant to Intelligent Power Module (IPM) for Home Appliance. It assesses the current state, advancements, and potential future developments in Intelligent Power Module (IPM) for Home Appliance areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Intelligent Power Module (IPM) for Home Appliance market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Intelligent Power Module (IPM) for Home Appliance market is split by Type and by Application. For the period 2018-2029, the growth among segments provides accurate

calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

IGBT Based IPM

MOSFET Based IPM

Market segment by Application

White Goods

Black Appliances

Kitchen Appliances

Small Home Appliances

Major players covered

Mitsubishi Electric

ON Semi

Infineon Technologies

Fuji Electric

Semikron Danfoss

ROHM

STMicroelectronics

Hangzhou Silan

Jilin Sino-Microelectronics

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Intelligent Power Module (IPM) for Home Appliance product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Intelligent Power Module (IPM) for Home Appliance, with price, sales, revenue and global market share of Intelligent Power Module (IPM) for Home Appliance from 2018 to 2023.

Chapter 3, the Intelligent Power Module (IPM) for Home Appliance competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Intelligent Power Module (IPM) for Home Appliance breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017

to 2022.and Intelligent Power Module (IPM) for Home Appliance market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of Intelligent Power Module (IPM) for Home Appliance.

Chapter 14 and 15, to describe Intelligent Power Module (IPM) for Home Appliance sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope of Intelligent Power Module (IPM) for Home Appliance

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Intelligent Power Module (IPM) for Home Appliance

Consumption Value by Type: 2018 Versus 2022 Versus 2029

1.3.2 IGBT Based IPM

1.3.3 MOSFET Based IPM

1.4 Market Analysis by Application

1.4.1 Overview: Global Intelligent Power Module (IPM) for Home Appliance

Consumption Value by Application: 2018 Versus 2022 Versus 2029

1.4.2 White Goods

1.4.3 Black Appliances

1.4.4 Kitchen Appliances

1.4.5 Small Home Appliances

1.5 Global Intelligent Power Module (IPM) for Home Appliance Market Size & Forecast

1.5.1 Global Intelligent Power Module (IPM) for Home Appliance Consumption Value (2018 & 2022 & 2029)

1.5.2 Global Intelligent Power Module (IPM) for Home Appliance Sales Quantity (2018-2029)

1.5.3 Global Intelligent Power Module (IPM) for Home Appliance Average Price (2018-2029)

2 MANUFACTURERS PROFILES

2.1 Mitsubishi Electric

2.1.1 Mitsubishi Electric Details

2.1.2 Mitsubishi Electric Major Business

2.1.3 Mitsubishi Electric Intelligent Power Module (IPM) for Home Appliance Product and Services

2.1.4 Mitsubishi Electric Intelligent Power Module (IPM) for Home Appliance Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.1.5 Mitsubishi Electric Recent Developments/Updates

2.2 ON Semi

2.2.1 ON Semi Details

2.2.2 ON Semi Major Business

2.2.3 ON Semi Intelligent Power Module (IPM) for Home Appliance Product and Services

2.2.4 ON Semi Intelligent Power Module (IPM) for Home Appliance Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.2.5 ON Semi Recent Developments/Updates

2.3 Infineon Technologies

2.3.1 Infineon Technologies Details

2.3.2 Infineon Technologies Major Business

2.3.3 Infineon Technologies Intelligent Power Module (IPM) for Home Appliance Product and Services

2.3.4 Infineon Technologies Intelligent Power Module (IPM) for Home Appliance Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.3.5 Infineon Technologies Recent Developments/Updates

2.4 Fuji Electric

2.4.1 Fuji Electric Details

2.4.2 Fuji Electric Major Business

2.4.3 Fuji Electric Intelligent Power Module (IPM) for Home Appliance Product and Services

2.4.4 Fuji Electric Intelligent Power Module (IPM) for Home Appliance Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.4.5 Fuji Electric Recent Developments/Updates

2.5 Semikron Danfoss

2.5.1 Semikron Danfoss Details

2.5.2 Semikron Danfoss Major Business

2.5.3 Semikron Danfoss Intelligent Power Module (IPM) for Home Appliance Product and Services

2.5.4 Semikron Danfoss Intelligent Power Module (IPM) for Home Appliance Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.5.5 Semikron Danfoss Recent Developments/Updates

2.6 ROHM

2.6.1 ROHM Details

2.6.2 ROHM Major Business

2.6.3 ROHM Intelligent Power Module (IPM) for Home Appliance Product and Services

2.6.4 ROHM Intelligent Power Module (IPM) for Home Appliance Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.6.5 ROHM Recent Developments/Updates

2.7 STMicroelectronics

2.7.1 STMicroelectronics Details

2.7.2 STMicroelectronics Major Business

2.7.3 STMicroelectronics Intelligent Power Module (IPM) for Home Appliance Product and Services

2.7.4 STMicroelectronics Intelligent Power Module (IPM) for Home Appliance Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.7.5 STMicroelectronics Recent Developments/Updates

2.8 Hangzhou Silan

2.8.1 Hangzhou Silan Details

2.8.2 Hangzhou Silan Major Business

2.8.3 Hangzhou Silan Intelligent Power Module (IPM) for Home Appliance Product and Services

2.8.4 Hangzhou Silan Intelligent Power Module (IPM) for Home Appliance Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.8.5 Hangzhou Silan Recent Developments/Updates

2.9 Jilin Sino-Microelectronics

2.9.1 Jilin Sino-Microelectronics Details

2.9.2 Jilin Sino-Microelectronics Major Business

2.9.3 Jilin Sino-Microelectronics Intelligent Power Module (IPM) for Home Appliance Product and Services

2.9.4 Jilin Sino-Microelectronics Intelligent Power Module (IPM) for Home Appliance Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.9.5 Jilin Sino-Microelectronics Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: INTELLIGENT POWER MODULE (IPM) FOR HOME APPLIANCE BY MANUFACTURER

3.1 Global Intelligent Power Module (IPM) for Home Appliance Sales Quantity by Manufacturer (2018-2023)

3.2 Global Intelligent Power Module (IPM) for Home Appliance Revenue by Manufacturer (2018-2023)

3.3 Global Intelligent Power Module (IPM) for Home Appliance Average Price by Manufacturer (2018-2023)

3.4 Market Share Analysis (2022)

3.4.1 Producer Shipments of Intelligent Power Module (IPM) for Home Appliance by Manufacturer Revenue (\$MM) and Market Share (%): 2022

3.4.2 Top 3 Intelligent Power Module (IPM) for Home Appliance Manufacturer Market Share in 2022

3.4.2 Top 6 Intelligent Power Module (IPM) for Home Appliance Manufacturer Market Share in 2022

3.5 Intelligent Power Module (IPM) for Home Appliance Market: Overall Company

Footprint Analysis

3.5.1 Intelligent Power Module (IPM) for Home Appliance Market: Region Footprint

3.5.2 Intelligent Power Module (IPM) for Home Appliance Market: Company Product Type Footprint

3.5.3 Intelligent Power Module (IPM) for Home Appliance Market: Company Product Application Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

4.1 Global Intelligent Power Module (IPM) for Home Appliance Market Size by Region

4.1.1 Global Intelligent Power Module (IPM) for Home Appliance Sales Quantity by Region (2018-2029)

4.1.2 Global Intelligent Power Module (IPM) for Home Appliance Consumption Value by Region (2018-2029)

4.1.3 Global Intelligent Power Module (IPM) for Home Appliance Average Price by Region (2018-2029)

4.2 North America Intelligent Power Module (IPM) for Home Appliance Consumption Value (2018-2029)

4.3 Europe Intelligent Power Module (IPM) for Home Appliance Consumption Value (2018-2029)

4.4 Asia-Pacific Intelligent Power Module (IPM) for Home Appliance Consumption Value (2018-2029)

4.5 South America Intelligent Power Module (IPM) for Home Appliance Consumption Value (2018-2029)

4.6 Middle East and Africa Intelligent Power Module (IPM) for Home Appliance Consumption Value (2018-2029)

5 MARKET SEGMENT BY TYPE

5.1 Global Intelligent Power Module (IPM) for Home Appliance Sales Quantity by Type (2018-2029)

5.2 Global Intelligent Power Module (IPM) for Home Appliance Consumption Value by Type (2018-2029)

5.3 Global Intelligent Power Module (IPM) for Home Appliance Average Price by Type (2018-2029)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Intelligent Power Module (IPM) for Home Appliance Sales Quantity by Application (2018-2029)

6.2 Global Intelligent Power Module (IPM) for Home Appliance Consumption Value by Application (2018-2029)

6.3 Global Intelligent Power Module (IPM) for Home Appliance Average Price by Application (2018-2029)

7 NORTH AMERICA

7.1 North America Intelligent Power Module (IPM) for Home Appliance Sales Quantity by Type (2018-2029)

7.2 North America Intelligent Power Module (IPM) for Home Appliance Sales Quantity by Application (2018-2029)

7.3 North America Intelligent Power Module (IPM) for Home Appliance Market Size by Country

7.3.1 North America Intelligent Power Module (IPM) for Home Appliance Sales Quantity by Country (2018-2029)

7.3.2 North America Intelligent Power Module (IPM) for Home Appliance Consumption Value by Country (2018-2029)

7.3.3 United States Market Size and Forecast (2018-2029)

7.3.4 Canada Market Size and Forecast (2018-2029)

7.3.5 Mexico Market Size and Forecast (2018-2029)

8 EUROPE

8.1 Europe Intelligent Power Module (IPM) for Home Appliance Sales Quantity by Type (2018-2029)

8.2 Europe Intelligent Power Module (IPM) for Home Appliance Sales Quantity by Application (2018-2029)

8.3 Europe Intelligent Power Module (IPM) for Home Appliance Market Size by Country

8.3.1 Europe Intelligent Power Module (IPM) for Home Appliance Sales Quantity by Country (2018-2029)

8.3.2 Europe Intelligent Power Module (IPM) for Home Appliance Consumption Value by Country (2018-2029)

8.3.3 Germany Market Size and Forecast (2018-2029)

8.3.4 France Market Size and Forecast (2018-2029)

8.3.5 United Kingdom Market Size and Forecast (2018-2029)

8.3.6 Russia Market Size and Forecast (2018-2029)

8.3.7 Italy Market Size and Forecast (2018-2029)

9 ASIA-PACIFIC

9.1 Asia-Pacific Intelligent Power Module (IPM) for Home Appliance Sales Quantity by Type (2018-2029)

9.2 Asia-Pacific Intelligent Power Module (IPM) for Home Appliance Sales Quantity by Application (2018-2029)

9.3 Asia-Pacific Intelligent Power Module (IPM) for Home Appliance Market Size by Region

9.3.1 Asia-Pacific Intelligent Power Module (IPM) for Home Appliance Sales Quantity by Region (2018-2029)

9.3.2 Asia-Pacific Intelligent Power Module (IPM) for Home Appliance Consumption Value by Region (2018-2029)

9.3.3 China Market Size and Forecast (2018-2029)

9.3.4 Japan Market Size and Forecast (2018-2029)

9.3.5 Korea Market Size and Forecast (2018-2029)

9.3.6 India Market Size and Forecast (2018-2029)

9.3.7 Southeast Asia Market Size and Forecast (2018-2029)

9.3.8 Australia Market Size and Forecast (2018-2029)

10 SOUTH AMERICA

10.1 South America Intelligent Power Module (IPM) for Home Appliance Sales Quantity by Type (2018-2029)

10.2 South America Intelligent Power Module (IPM) for Home Appliance Sales Quantity by Application (2018-2029)

10.3 South America Intelligent Power Module (IPM) for Home Appliance Market Size by Country

10.3.1 South America Intelligent Power Module (IPM) for Home Appliance Sales Quantity by Country (2018-2029)

10.3.2 South America Intelligent Power Module (IPM) for Home Appliance Consumption Value by Country (2018-2029)

10.3.3 Brazil Market Size and Forecast (2018-2029)

10.3.4 Argentina Market Size and Forecast (2018-2029)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Intelligent Power Module (IPM) for Home Appliance Sales

Quantity by Type (2018-2029)

11.2 Middle East & Africa Intelligent Power Module (IPM) for Home Appliance Sales

Quantity by Application (2018-2029)

11.3 Middle East & Africa Intelligent Power Module (IPM) for Home Appliance Market

Size by Country

11.3.1 Middle East & Africa Intelligent Power Module (IPM) for Home Appliance Sales

Quantity by Country (2018-2029)

11.3.2 Middle East & Africa Intelligent Power Module (IPM) for Home Appliance

Consumption Value by Country (2018-2029)

11.3.3 Turkey Market Size and Forecast (2018-2029)

11.3.4 Egypt Market Size and Forecast (2018-2029)

11.3.5 Saudi Arabia Market Size and Forecast (2018-2029)

11.3.6 South Africa Market Size and Forecast (2018-2029)

12 MARKET DYNAMICS

12.1 Intelligent Power Module (IPM) for Home Appliance Market Drivers

12.2 Intelligent Power Module (IPM) for Home Appliance Market Restraints

12.3 Intelligent Power Module (IPM) for Home Appliance Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

12.5 Influence of COVID-19 and Russia-Ukraine War

12.5.1 Influence of COVID-19

12.5.2 Influence of Russia-Ukraine War

13 RAW MATERIAL AND INDUSTRY CHAIN

13.1 Raw Material of Intelligent Power Module (IPM) for Home Appliance and Key Manufacturers

13.2 Manufacturing Costs Percentage of Intelligent Power Module (IPM) for Home Appliance

13.3 Intelligent Power Module (IPM) for Home Appliance Production Process

13.4 Intelligent Power Module (IPM) for Home Appliance Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Intelligent Power Module (IPM) for Home Appliance Typical Distributors

14.3 Intelligent Power Module (IPM) for Home Appliance Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

List Of Tables

LIST OF TABLES

- Table 1. Global Intelligent Power Module (IPM) for Home Appliance Consumption Value by Type, (USD Million), 2018 & 2022 & 2029
- Table 2. Global Intelligent Power Module (IPM) for Home Appliance Consumption Value by Application, (USD Million), 2018 & 2022 & 2029
- Table 3. Mitsubishi Electric Basic Information, Manufacturing Base and Competitors
- Table 4. Mitsubishi Electric Major Business
- Table 5. Mitsubishi Electric Intelligent Power Module (IPM) for Home Appliance Product and Services
- Table 6. Mitsubishi Electric Intelligent Power Module (IPM) for Home Appliance Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 7. Mitsubishi Electric Recent Developments/Updates
- Table 8. ON Semi Basic Information, Manufacturing Base and Competitors
- Table 9. ON Semi Major Business
- Table 10. ON Semi Intelligent Power Module (IPM) for Home Appliance Product and Services
- Table 11. ON Semi Intelligent Power Module (IPM) for Home Appliance Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 12. ON Semi Recent Developments/Updates
- Table 13. Infineon Technologies Basic Information, Manufacturing Base and Competitors
- Table 14. Infineon Technologies Major Business
- Table 15. Infineon Technologies Intelligent Power Module (IPM) for Home Appliance Product and Services
- Table 16. Infineon Technologies Intelligent Power Module (IPM) for Home Appliance Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 17. Infineon Technologies Recent Developments/Updates
- Table 18. Fuji Electric Basic Information, Manufacturing Base and Competitors
- Table 19. Fuji Electric Major Business
- Table 20. Fuji Electric Intelligent Power Module (IPM) for Home Appliance Product and Services
- Table 21. Fuji Electric Intelligent Power Module (IPM) for Home Appliance Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and

Market Share (2018-2023)

Table 22. Fuji Electric Recent Developments/Updates

Table 23. Semikron Danfoss Basic Information, Manufacturing Base and Competitors

Table 24. Semikron Danfoss Major Business

Table 25. Semikron Danfoss Intelligent Power Module (IPM) for Home Appliance Product and Services

Table 26. Semikron Danfoss Intelligent Power Module (IPM) for Home Appliance Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 27. Semikron Danfoss Recent Developments/Updates

Table 28. ROHM Basic Information, Manufacturing Base and Competitors

Table 29. ROHM Major Business

Table 30. ROHM Intelligent Power Module (IPM) for Home Appliance Product and Services

Table 31. ROHM Intelligent Power Module (IPM) for Home Appliance Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 32. ROHM Recent Developments/Updates

Table 33. STMicroelectronics Basic Information, Manufacturing Base and Competitors

Table 34. STMicroelectronics Major Business

Table 35. STMicroelectronics Intelligent Power Module (IPM) for Home Appliance Product and Services

Table 36. STMicroelectronics Intelligent Power Module (IPM) for Home Appliance Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 37. STMicroelectronics Recent Developments/Updates

Table 38. Hangzhou Silan Basic Information, Manufacturing Base and Competitors

Table 39. Hangzhou Silan Major Business

Table 40. Hangzhou Silan Intelligent Power Module (IPM) for Home Appliance Product and Services

Table 41. Hangzhou Silan Intelligent Power Module (IPM) for Home Appliance Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 42. Hangzhou Silan Recent Developments/Updates

Table 43. Jilin Sino-Microelectronics Basic Information, Manufacturing Base and Competitors

Table 44. Jilin Sino-Microelectronics Major Business

Table 45. Jilin Sino-Microelectronics Intelligent Power Module (IPM) for Home Appliance Product and Services

Table 46. Jilin Sino-Microelectronics Intelligent Power Module (IPM) for Home Appliance Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 47. Jilin Sino-Microelectronics Recent Developments/Updates

Table 48. Global Intelligent Power Module (IPM) for Home Appliance Sales Quantity by Manufacturer (2018-2023) & (K Units)

Table 49. Global Intelligent Power Module (IPM) for Home Appliance Revenue by Manufacturer (2018-2023) & (USD Million)

Table 50. Global Intelligent Power Module (IPM) for Home Appliance Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 51. Market Position of Manufacturers in Intelligent Power Module (IPM) for Home Appliance, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022

Table 52. Head Office and Intelligent Power Module (IPM) for Home Appliance Production Site of Key Manufacturer

Table 53. Intelligent Power Module (IPM) for Home Appliance Market: Company Product Type Footprint

Table 54. Intelligent Power Module (IPM) for Home Appliance Market: Company Product Application Footprint

Table 55. Intelligent Power Module (IPM) for Home Appliance New Market Entrants and Barriers to Market Entry

Table 56. Intelligent Power Module (IPM) for Home Appliance Mergers, Acquisition, Agreements, and Collaborations

Table 57. Global Intelligent Power Module (IPM) for Home Appliance Sales Quantity by Region (2018-2023) & (K Units)

Table 58. Global Intelligent Power Module (IPM) for Home Appliance Sales Quantity by Region (2024-2029) & (K Units)

Table 59. Global Intelligent Power Module (IPM) for Home Appliance Consumption Value by Region (2018-2023) & (USD Million)

Table 60. Global Intelligent Power Module (IPM) for Home Appliance Consumption Value by Region (2024-2029) & (USD Million)

Table 61. Global Intelligent Power Module (IPM) for Home Appliance Average Price by Region (2018-2023) & (US\$/Unit)

Table 62. Global Intelligent Power Module (IPM) for Home Appliance Average Price by Region (2024-2029) & (US\$/Unit)

Table 63. Global Intelligent Power Module (IPM) for Home Appliance Sales Quantity by Type (2018-2023) & (K Units)

Table 64. Global Intelligent Power Module (IPM) for Home Appliance Sales Quantity by Type (2024-2029) & (K Units)

Table 65. Global Intelligent Power Module (IPM) for Home Appliance Consumption

Value by Type (2018-2023) & (USD Million)

Table 66. Global Intelligent Power Module (IPM) for Home Appliance Consumption

Value by Type (2024-2029) & (USD Million)

Table 67. Global Intelligent Power Module (IPM) for Home Appliance Average Price by Type (2018-2023) & (US\$/Unit)

Table 68. Global Intelligent Power Module (IPM) for Home Appliance Average Price by Type (2024-2029) & (US\$/Unit)

Table 69. Global Intelligent Power Module (IPM) for Home Appliance Sales Quantity by Application (2018-2023) & (K Units)

Table 70. Global Intelligent Power Module (IPM) for Home Appliance Sales Quantity by Application (2024-2029) & (K Units)

Table 71. Global Intelligent Power Module (IPM) for Home Appliance Consumption Value by Application (2018-2023) & (USD Million)

Table 72. Global Intelligent Power Module (IPM) for Home Appliance Consumption Value by Application (2024-2029) & (USD Million)

Table 73. Global Intelligent Power Module (IPM) for Home Appliance Average Price by Application (2018-2023) & (US\$/Unit)

Table 74. Global Intelligent Power Module (IPM) for Home Appliance Average Price by Application (2024-2029) & (US\$/Unit)

Table 75. North America Intelligent Power Module (IPM) for Home Appliance Sales Quantity by Type (2018-2023) & (K Units)

Table 76. North America Intelligent Power Module (IPM) for Home Appliance Sales Quantity by Type (2024-2029) & (K Units)

Table 77. North America Intelligent Power Module (IPM) for Home Appliance Sales Quantity by Application (2018-2023) & (K Units)

Table 78. North America Intelligent Power Module (IPM) for Home Appliance Sales Quantity by Application (2024-2029) & (K Units)

Table 79. North America Intelligent Power Module (IPM) for Home Appliance Sales Quantity by Country (2018-2023) & (K Units)

Table 80. North America Intelligent Power Module (IPM) for Home Appliance Sales Quantity by Country (2024-2029) & (K Units)

Table 81. North America Intelligent Power Module (IPM) for Home Appliance Consumption Value by Country (2018-2023) & (USD Million)

Table 82. North America Intelligent Power Module (IPM) for Home Appliance Consumption Value by Country (2024-2029) & (USD Million)

Table 83. Europe Intelligent Power Module (IPM) for Home Appliance Sales Quantity by Type (2018-2023) & (K Units)

Table 84. Europe Intelligent Power Module (IPM) for Home Appliance Sales Quantity by Type (2024-2029) & (K Units)

Table 85. Europe Intelligent Power Module (IPM) for Home Appliance Sales Quantity by Application (2018-2023) & (K Units)

Table 86. Europe Intelligent Power Module (IPM) for Home Appliance Sales Quantity by Application (2024-2029) & (K Units)

Table 87. Europe Intelligent Power Module (IPM) for Home Appliance Sales Quantity by Country (2018-2023) & (K Units)

Table 88. Europe Intelligent Power Module (IPM) for Home Appliance Sales Quantity by Country (2024-2029) & (K Units)

Table 89. Europe Intelligent Power Module (IPM) for Home Appliance Consumption Value by Country (2018-2023) & (USD Million)

Table 90. Europe Intelligent Power Module (IPM) for Home Appliance Consumption Value by Country (2024-2029) & (USD Million)

Table 91. Asia-Pacific Intelligent Power Module (IPM) for Home Appliance Sales Quantity by Type (2018-2023) & (K Units)

Table 92. Asia-Pacific Intelligent Power Module (IPM) for Home Appliance Sales Quantity by Type (2024-2029) & (K Units)

Table 93. Asia-Pacific Intelligent Power Module (IPM) for Home Appliance Sales Quantity by Application (2018-2023) & (K Units)

Table 94. Asia-Pacific Intelligent Power Module (IPM) for Home Appliance Sales Quantity by Application (2024-2029) & (K Units)

Table 95. Asia-Pacific Intelligent Power Module (IPM) for Home Appliance Sales Quantity by Region (2018-2023) & (K Units)

Table 96. Asia-Pacific Intelligent Power Module (IPM) for Home Appliance Sales Quantity by Region (2024-2029) & (K Units)

Table 97. Asia-Pacific Intelligent Power Module (IPM) for Home Appliance Consumption Value by Region (2018-2023) & (USD Million)

Table 98. Asia-Pacific Intelligent Power Module (IPM) for Home Appliance Consumption Value by Region (2024-2029) & (USD Million)

Table 99. South America Intelligent Power Module (IPM) for Home Appliance Sales Quantity by Type (2018-2023) & (K Units)

Table 100. South America Intelligent Power Module (IPM) for Home Appliance Sales Quantity by Type (2024-2029) & (K Units)

Table 101. South America Intelligent Power Module (IPM) for Home Appliance Sales Quantity by Application (2018-2023) & (K Units)

Table 102. South America Intelligent Power Module (IPM) for Home Appliance Sales Quantity by Application (2024-2029) & (K Units)

Table 103. South America Intelligent Power Module (IPM) for Home Appliance Sales Quantity by Country (2018-2023) & (K Units)

Table 104. South America Intelligent Power Module (IPM) for Home Appliance Sales

Quantity by Country (2024-2029) & (K Units)

Table 105. South America Intelligent Power Module (IPM) for Home Appliance Consumption Value by Country (2018-2023) & (USD Million)

Table 106. South America Intelligent Power Module (IPM) for Home Appliance Consumption Value by Country (2024-2029) & (USD Million)

Table 107. Middle East & Africa Intelligent Power Module (IPM) for Home Appliance Sales Quantity by Type (2018-2023) & (K Units)

Table 108. Middle East & Africa Intelligent Power Module (IPM) for Home Appliance Sales Quantity by Type (2024-2029) & (K Units)

Table 109. Middle East & Africa Intelligent Power Module (IPM) for Home Appliance Sales Quantity by Application (2018-2023) & (K Units)

Table 110. Middle East & Africa Intelligent Power Module (IPM) for Home Appliance Sales Quantity by Application (2024-2029) & (K Units)

Table 111. Middle East & Africa Intelligent Power Module (IPM) for Home Appliance Sales Quantity by Region (2018-2023) & (K Units)

Table 112. Middle East & Africa Intelligent Power Module (IPM) for Home Appliance Sales Quantity by Region (2024-2029) & (K Units)

Table 113. Middle East & Africa Intelligent Power Module (IPM) for Home Appliance Consumption Value by Region (2018-2023) & (USD Million)

Table 114. Middle East & Africa Intelligent Power Module (IPM) for Home Appliance Consumption Value by Region (2024-2029) & (USD Million)

Table 115. Intelligent Power Module (IPM) for Home Appliance Raw Material

Table 116. Key Manufacturers of Intelligent Power Module (IPM) for Home Appliance Raw Materials

Table 117. Intelligent Power Module (IPM) for Home Appliance Typical Distributors

Table 118. Intelligent Power Module (IPM) for Home Appliance Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. Intelligent Power Module (IPM) for Home Appliance Picture
- Figure 2. Global Intelligent Power Module (IPM) for Home Appliance Consumption Value by Type, (USD Million), 2018 & 2022 & 2029
- Figure 3. Global Intelligent Power Module (IPM) for Home Appliance Consumption Value Market Share by Type in 2022
- Figure 4. IGBT Based IPM Examples
- Figure 5. MOSFET Based IPM Examples
- Figure 6. Global Intelligent Power Module (IPM) for Home Appliance Consumption Value by Application, (USD Million), 2018 & 2022 & 2029
- Figure 7. Global Intelligent Power Module (IPM) for Home Appliance Consumption Value Market Share by Application in 2022
- Figure 8. White Goods Examples
- Figure 9. Black Appliances Examples
- Figure 10. Kitchen Appliances Examples
- Figure 11. Small Home Appliances Examples
- Figure 12. Global Intelligent Power Module (IPM) for Home Appliance Consumption Value, (USD Million): 2018 & 2022 & 2029
- Figure 13. Global Intelligent Power Module (IPM) for Home Appliance Consumption Value and Forecast (2018-2029) & (USD Million)
- Figure 14. Global Intelligent Power Module (IPM) for Home Appliance Sales Quantity (2018-2029) & (K Units)
- Figure 15. Global Intelligent Power Module (IPM) for Home Appliance Average Price (2018-2029) & (US\$/Unit)
- Figure 16. Global Intelligent Power Module (IPM) for Home Appliance Sales Quantity Market Share by Manufacturer in 2022
- Figure 17. Global Intelligent Power Module (IPM) for Home Appliance Consumption Value Market Share by Manufacturer in 2022
- Figure 18. Producer Shipments of Intelligent Power Module (IPM) for Home Appliance by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2021
- Figure 19. Top 3 Intelligent Power Module (IPM) for Home Appliance Manufacturer (Consumption Value) Market Share in 2022
- Figure 20. Top 6 Intelligent Power Module (IPM) for Home Appliance Manufacturer (Consumption Value) Market Share in 2022
- Figure 21. Global Intelligent Power Module (IPM) for Home Appliance Sales Quantity Market Share by Region (2018-2029)

Figure 22. Global Intelligent Power Module (IPM) for Home Appliance Consumption Value Market Share by Region (2018-2029)

Figure 23. North America Intelligent Power Module (IPM) for Home Appliance Consumption Value (2018-2029) & (USD Million)

Figure 24. Europe Intelligent Power Module (IPM) for Home Appliance Consumption Value (2018-2029) & (USD Million)

Figure 25. Asia-Pacific Intelligent Power Module (IPM) for Home Appliance Consumption Value (2018-2029) & (USD Million)

Figure 26. South America Intelligent Power Module (IPM) for Home Appliance Consumption Value (2018-2029) & (USD Million)

Figure 27. Middle East & Africa Intelligent Power Module (IPM) for Home Appliance Consumption Value (2018-2029) & (USD Million)

Figure 28. Global Intelligent Power Module (IPM) for Home Appliance Sales Quantity Market Share by Type (2018-2029)

Figure 29. Global Intelligent Power Module (IPM) for Home Appliance Consumption Value Market Share by Type (2018-2029)

Figure 30. Global Intelligent Power Module (IPM) for Home Appliance Average Price by Type (2018-2029) & (US\$/Unit)

Figure 31. Global Intelligent Power Module (IPM) for Home Appliance Sales Quantity Market Share by Application (2018-2029)

Figure 32. Global Intelligent Power Module (IPM) for Home Appliance Consumption Value Market Share by Application (2018-2029)

Figure 33. Global Intelligent Power Module (IPM) for Home Appliance Average Price by Application (2018-2029) & (US\$/Unit)

Figure 34. North America Intelligent Power Module (IPM) for Home Appliance Sales Quantity Market Share by Type (2018-2029)

Figure 35. North America Intelligent Power Module (IPM) for Home Appliance Sales Quantity Market Share by Application (2018-2029)

Figure 36. North America Intelligent Power Module (IPM) for Home Appliance Sales Quantity Market Share by Country (2018-2029)

Figure 37. North America Intelligent Power Module (IPM) for Home Appliance Consumption Value Market Share by Country (2018-2029)

Figure 38. United States Intelligent Power Module (IPM) for Home Appliance Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 39. Canada Intelligent Power Module (IPM) for Home Appliance Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 40. Mexico Intelligent Power Module (IPM) for Home Appliance Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 41. Europe Intelligent Power Module (IPM) for Home Appliance Sales Quantity

Market Share by Type (2018-2029)

Figure 42. Europe Intelligent Power Module (IPM) for Home Appliance Sales Quantity Market Share by Application (2018-2029)

Figure 43. Europe Intelligent Power Module (IPM) for Home Appliance Sales Quantity Market Share by Country (2018-2029)

Figure 44. Europe Intelligent Power Module (IPM) for Home Appliance Consumption Value Market Share by Country (2018-2029)

Figure 45. Germany Intelligent Power Module (IPM) for Home Appliance Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 46. France Intelligent Power Module (IPM) for Home Appliance Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 47. United Kingdom Intelligent Power Module (IPM) for Home Appliance Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 48. Russia Intelligent Power Module (IPM) for Home Appliance Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 49. Italy Intelligent Power Module (IPM) for Home Appliance Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 50. Asia-Pacific Intelligent Power Module (IPM) for Home Appliance Sales Quantity Market Share by Type (2018-2029)

Figure 51. Asia-Pacific Intelligent Power Module (IPM) for Home Appliance Sales Quantity Market Share by Application (2018-2029)

Figure 52. Asia-Pacific Intelligent Power Module (IPM) for Home Appliance Sales Quantity Market Share by Region (2018-2029)

Figure 53. Asia-Pacific Intelligent Power Module (IPM) for Home Appliance Consumption Value Market Share by Region (2018-2029)

Figure 54. China Intelligent Power Module (IPM) for Home Appliance Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 55. Japan Intelligent Power Module (IPM) for Home Appliance Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 56. Korea Intelligent Power Module (IPM) for Home Appliance Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 57. India Intelligent Power Module (IPM) for Home Appliance Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 58. Southeast Asia Intelligent Power Module (IPM) for Home Appliance Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 59. Australia Intelligent Power Module (IPM) for Home Appliance Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 60. South America Intelligent Power Module (IPM) for Home Appliance Sales Quantity Market Share by Type (2018-2029)

Figure 61. South America Intelligent Power Module (IPM) for Home Appliance Sales Quantity Market Share by Application (2018-2029)

Figure 62. South America Intelligent Power Module (IPM) for Home Appliance Sales Quantity Market Share by Country (2018-2029)

Figure 63. South America Intelligent Power Module (IPM) for Home Appliance Consumption Value Market Share by Country (2018-2029)

Figure 64. Brazil Intelligent Power Module (IPM) for Home Appliance Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 65. Argentina Intelligent Power Module (IPM) for Home Appliance Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 66. Middle East & Africa Intelligent Power Module (IPM) for Home Appliance Sales Quantity Market Share by Type (2018-2029)

Figure 67. Middle East & Africa Intelligent Power Module (IPM) for Home Appliance Sales Quantity Market Share by Application (2018-2029)

Figure 68. Middle East & Africa Intelligent Power Module (IPM) for Home Appliance Sales Quantity Market Share by Region (2018-2029)

Figure 69. Middle East & Africa Intelligent Power Module (IPM) for Home Appliance Consumption Value Market Share by Region (2018-2029)

Figure 70. Turkey Intelligent Power Module (IPM) for Home Appliance Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 71. Egypt Intelligent Power Module (IPM) for Home Appliance Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 72. Saudi Arabia Intelligent Power Module (IPM) for Home Appliance Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 73. South Africa Intelligent Power Module (IPM) for Home Appliance Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 74. Intelligent Power Module (IPM) for Home Appliance Market Drivers

Figure 75. Intelligent Power Module (IPM) for Home Appliance Market Restraints

Figure 76. Intelligent Power Module (IPM) for Home Appliance Market Trends

Figure 77. Porters Five Forces Analysis

Figure 78. Manufacturing Cost Structure Analysis of Intelligent Power Module (IPM) for Home Appliance in 2022

Figure 79. Manufacturing Process Analysis of Intelligent Power Module (IPM) for Home Appliance

Figure 80. Intelligent Power Module (IPM) for Home Appliance Industrial Chain

Figure 81. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 82. Direct Channel Pros & Cons

Figure 83. Indirect Channel Pros & Cons

Figure 84. Methodology

Figure 85. Research Process and Data Source

I would like to order

Product name: Global Intelligent Power Module (IPM) for Home Appliance Market 2023 by
Manufacturers, Regions, Type and Application, Forecast to 2029

Product link: <https://marketpublishers.com/r/G5F60D651E35EN.html>

Price: US\$ 3,480.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click
button on product page <https://marketpublishers.com/r/G5F60D651E35EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form
below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms
& Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970

