

Global Home Appliance IPM Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global Home Appliance IPM market size was valued at USD 2187.9 million in 2023 and is forecast to a readjusted size of USD 2829.5 million by 2030 with a CAGR of 3.7% during review period.

IPM (Intelligent Power Module) is a high-performance module that mounts a dedicated drive circuit for drawing greater performance from an IGBT chip or MOSFET, and it provides a custom IC for executing self-protection functions (short circuit, supply under voltage, and over temperature).

From the perspective of market players, the supply market of global Home Appliance IPM, Japan, Germany, China and the United States companies have the largest share.

Global key players of the Home Appliance IPM include Mitsubishi Electric Semiconductor, Silan Microelectronics, Infineon and Onsemi, etc. Global top three manufacturers hold a share over 55%.

Asia-Pacific is the largest market of Home Appliance IPM, holds a share over 75%, followed by Europe and North America.

In terms of application, the largest application is Air Conditioners, with a share over 50%, followed by Washing Machines and Refrigerators and Freezers.

The Global Info Research report includes an overview of the development of the Home Appliance IPM industry chain, the market status of Air Conditioners (IGBT Based IPM, MOSFET Based IPM), Refrigerators and Freezers (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 Home Appliance IPM.

Regionally, the report analyzes the Home Appliance IPM 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 Home Appliance IPM market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Home Appliance IPM 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 Home Appliance IPM 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 Home Appliance IPM market.

Regional Analysis: The report involves examining the Home Appliance IPM 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 Home Appliance IPM market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Home Appliance IPM:



Company Analysis: Report covers individual Home Appliance IPM 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 Home Appliance IPM This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Air Conditioners, Refrigerators and Freezers).

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

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Home Appliance IPM 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

Home Appliance IPM 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.

Market segment by Type

IGBT Based IPM

MOSFET Based IPM

Market segment by Application

Air Conditioners



Refrigerators and Freezers
Washing Machines
Dishwashers
Dryers
Kitchen Hoods
Induction Stovetops
Other
Major players covered
Mitsubishi Electric Semiconductor
Sanken Electric
Infineon
STMicroelectronics
Semikron Danfoss
Fuji Electric
Onsemi
ROHM Co., Ltd.
Silan Microelectronics
Star Semiconductor
GREE Xin Yuan



Mei Ken Semiconductor

Invsemi Technology

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 Home Appliance IPM product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Home Appliance IPM, with price, sales, revenue and global market share of Home Appliance IPM from 2019 to 2024.

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

Chapter 4, the Home Appliance IPM breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

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 2023.and Home Appliance IPM market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Home Appliance IPM.

Chapter 14 and 15, to describe Home Appliance IPM sales channel, distributors, customers, research findings and conclusion.



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