

# Global Power Management IC Market Overview And Statistics For 2024-2033

*The Business Research Company's Power Management IC Global Market Report 2024 – Market Size, Trends, And Global Forecast 2024-2033*



LONDON, GREATER LONDON, UK, August 19, 2024 /EINPresswire.com/ -- The [power management IC market](#) has experienced robust growth in recent

years, expanding from \$31.60 billion in 2023 to \$33.88 billion in 2024 at a compound annual growth rate (CAGR) of 7.2%. The growth in the historic period can be attributed to electric vehicle (EV) growth, the growth of the Internet of Things (IoT), the increasing popularity of wearable devices, the expansion of smart home devices and systems, and rising industrial automation and robotics.



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## Strong Future Growth Anticipated

The power management IC market is projected to continue its strong growth, reaching \$44.99 billion in 2028 at a compound annual growth rate (CAGR) of 7.3%. The growth in the forecast period can be attributed to advancements in semiconductor technology, growth in consumer electronics, increased battery life requirements, renewable

energy integration, and the expansion of telecommunications networks.

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## Growth Driver Of The Power Management IC Market

The growing adoption of electric vehicles (EVs) is expected to propel the growth of the power management IC market going forward. Electric vehicles (EVs) are vehicles powered by electric motors using energy stored in rechargeable batteries, offering a sustainable alternative to traditional internal combustion engine vehicles. The growing adoption of electric vehicles (EVs) is

due to their environmental benefits, technological advancements, and increasing infrastructure support for charging stations. Power management ICs in electric vehicles (EVs) optimize battery usage, manage power distribution, and enhance overall energy efficiency. They ensure reliable performance and prolong battery life.

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### Major Players And Market Trends

Key players in the power management IC market include Qualcomm Technologies Inc., Texas Instruments Inc., MediaTek Inc., STMicroelectronics NV, Infineon Technologies AG, Renesas Electronics Corp.

Major companies operating in the power management IC market are focusing on developing advanced technologies such as filter-integrated circuits that enhance system functionality at reduced system cost. Filter-integrated circuits are semiconductor devices designed to process and manipulate electronic signals by selectively allowing certain frequencies to pass while attenuating others. They are commonly used in signal processing and communication systems.

### Segments:

- 1) By Product: Voltage Regulators, Linear Voltage Regulators, DC Regulators, Motor Control ICs, Integrated ASSPs Power Management ICs, Battery Management ICs, Other Products
- 2) By Function: Digital, Analog
- 3) By Operating Range: 1µA To 1mA, 1.1mA To 1A, 1a To 10A, 10.1A To 25A, 25.1A To 100A, Above 100A
- 4) By Application type: Linear Regulators, Reset ICs (Voltage Detectors), Light Emitting Diode (LED) Controllers, DC-DC Convertors (Switching Regulators), Switch ICs, Other Applications
- 5) By End Users: Consumer Electronics, Automotive, Information Technology And Telecommunication, Healthcare, Industrial, Power And Energy, Aerospace And Defense, Other End Users

### Geographical Insights: North America Leading The Market

North America was the largest region in the power management IC market in 2023. The regions covered in the power management ic market report are Asia-Pacific, Western Europe, Eastern Europe, North America, South America, Middle East, Africa.

### Power Management IC Market Definition

A power management IC (integrated circuit) is a specialized electronic component designed to manage the power requirements of a device, efficiently distributing and regulating voltage and current. It integrates various power control functions, such as voltage regulation, power sequencing, and battery management, into a single chip.

Power Management IC Global Market Report 2024 from The Business Research Company covers

the following information:

- Market size data for the forecast period: Historical and Future
- Market analysis by region: Asia-Pacific, China, Western Europe, Eastern Europe, North America, USA, South America, Middle East and Africa.
- Market analysis by countries: Australia, Brazil, China, France, Germany, India, Indonesia, Japan, Russia, South Korea, UK, USA.

Trends, opportunities, strategies and so much more.

The Power Management IC Global Market Report 2024 by The Business Research Company is the most comprehensive report that provides insights on [power management IC market size](#), power management IC market drivers and trends, power management IC market major players, power management IC competitors' revenues, power management IC market positioning, and power management IC market growth across geographies. The power management IC market report helps you gain in-depth insights into opportunities and strategies. Companies can leverage the data in the report and tap into segments with the highest growth potential.

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Global Market Model – Market Intelligence Database

The Global Market Model, The Business Research Company's flagship product, is a market intelligence platform covering various macroeconomic indicators and metrics across 60 geographies and 27 industries. The Global Market Model covers multi-layered datasets that help its users assess supply-demand gaps.

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