

Global Motor Driver IC 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 Motor Driver IC market size was valued at USD 4816.3 million in 2023 and is forecast to a readjusted size of USD 6744.8 million by 2030 with a CAGR of 4.9% during review period.

Motor Driver ICs are current amplifiers and are an essential component of motor interfacing. The motor driver integrated circuit chip acts as the interface between a microprocessor or microcontroller, and a motor. As microprocessors tend to operate at lower currents, and motors at higher, motor driver ICs are needed to supply current to the motor as needed. As different motors have different signal requirements, a motor driver IC is usually specific to a motor type. It offers motor drivers for brushless DC motors (BLDC,) brushed DC motors, and stepper motors.

Global motor driver IC key players include Texas Instruments, STMicroelectronics, ON Semiconductor, etc. The top three manufacturers hold a share about 31%. The global motor driver IC are mainly produced in United States and Europe, they occupied for a share over 40%. Asia-Pacific is the largest market, with a share about 46%, followed by North America and Europe with the share about 24% and 22%.

The Global Info Research report includes an overview of the development of the Motor Driver IC industry chain, the market status of Consumer Electronics (Brushed DC Motor Driver IC, Brushless DC Motor Driver IC), Power Tools (Brushed DC Motor Driver IC, Brushless DC Motor Driver IC), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Motor Driver IC.

Regionally, the report analyzes the Motor Driver IC 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 Motor Driver IC market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Motor Driver IC 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 Motor Driver IC 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 (B Units), revenue generated, and market share of different by Type (e.g., Brushed DC Motor Driver IC, Brushless DC Motor Driver IC).

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 Motor Driver IC market.

Regional Analysis: The report involves examining the Motor Driver IC 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 Motor Driver IC market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Motor Driver IC:

Company Analysis: Report covers individual Motor Driver IC 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 Motor Driver IC This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Consumer Electronics, Power Tools).

Technology Analysis: Report covers specific technologies relevant to Motor Driver IC. It assesses the current state, advancements, and potential future developments in Motor Driver IC areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Motor Driver IC 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

Motor Driver IC 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

Brushed DC Motor Driver IC

Brushless DC Motor Driver IC

Stepping Motor Driver IC

Market segment by Application

Consumer Electronics

Power Tools

Office Equipment

IT and Communication Equipment

Automotive

Other

Major players covered

Texas Instruments

STMicroelectronics

Onsemi

Infineon Technologies

ROHM Semiconductor

Allegro MicroSystems

Toshiba

Panasonic

NXP Semiconductors

Maxim Integrated

Trinamic

Microchip Technology

MPS

Diodes Incorporated

Melexis

New Japan Radio

FM

Fortior Tech

Renesas Electronics

H&M Semiconductor

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 Motor Driver IC product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Motor Driver IC, with price, sales, revenue and global market share of Motor Driver IC from 2019 to 2024.

Chapter 3, the Motor Driver IC competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Motor Driver IC 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 Motor Driver IC 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 Motor Driver IC.

Chapter 14 and 15, to describe Motor Driver IC sales channel, distributors, customers, research findings and conclusion.

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