

Global Power IC (Integrated Circuit) for Electric Vehicles Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

<https://marketpublishers.com/r/G225FA6A620EEN.html>

Date: July 2024

Pages: 114

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

ID: G225FA6A620EEN

Abstracts

According to our (Global Info Research) latest study, the global Power IC (Integrated Circuit) for Electric Vehicles market size was valued at USD million in 2023 and is forecast to a readjusted size of USD million by 2030 with a CAGR of % during review period.

To control the flow of energy, the switching electronic circuits are used. These switching electronic circuits are called power electronics. Power electronics are also considered for the conversion of electric power. Such conversions are performed by semiconductor devices like diodes, transistors and thyristors etc. Power electronics devices have several advantages including optimum forward and reverse backing capabilities, simplified circuits, compact designs etc. Moreover, power electronics find its applications in connection of renewable energy resources to power grids, transportation in electric trains, motor drives and lighting. The major use of power electronics devices is heat sinking as well as soft starting of equipment deploying power electronic devices. This report only covers electric vehicles segment.

Global EV sales continued strong. A total of 10,5 million new BEVs and PHEVs were delivered during 2022, an increase of +55 % compared to 2021. China and Europe emerged as the main drivers of strong growth in global EV sales. In 2022, the production and sales of new energy vehicles in China reach 7.0 million and 6.8 million respectively, a year-on-year increase of 96.9% and 93.4%, with a market share of 25.6%. The production and sales of new energy vehicles have ranked first in the world for eight consecutive years. Among them, the sales volume of pure electric vehicles was 5.365 million, a year-on-year increase of 81.6%. In 2022, sales of pure electric vehicles in Europe will increase by 29% year-on-year to 1.58 million.

The Global Info Research report includes an overview of the development of the Power IC (Integrated Circuit) for Electric Vehicles industry chain, the market status of HEV (GaN, SiC), EV (GaN, SiC), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Power IC (Integrated Circuit) for Electric Vehicles.

Regionally, the report analyzes the Power IC (Integrated Circuit) for Electric Vehicles 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 Power IC (Integrated Circuit) for Electric Vehicles market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Power IC (Integrated Circuit) for Electric Vehicles 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 Power IC (Integrated Circuit) for Electric Vehicles 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., GaN, SiC).

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 Power IC (Integrated Circuit) for Electric Vehicles market.

Regional Analysis: The report involves examining the Power IC (Integrated Circuit) for Electric Vehicles 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 Power IC (Integrated Circuit) for Electric Vehicles market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Power IC (Integrated Circuit) for Electric Vehicles:

Company Analysis: Report covers individual Power IC (Integrated Circuit) for Electric Vehicles 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 Power IC (Integrated Circuit) for Electric Vehicles. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (HEV, EV).

Technology Analysis: Report covers specific technologies relevant to Power IC (Integrated Circuit) for Electric Vehicles. It assesses the current state, advancements, and potential future developments in Power IC (Integrated Circuit) for Electric Vehicles areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Power IC (Integrated Circuit) for Electric Vehicles 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

Power IC (Integrated Circuit) for Electric Vehicles 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

GaN

SiC

Others

Market segment by Application

HEV

EV

PHEV

Major players covered

Mitsubishi Electric

Fuji Electric

SEMIKRON

ON Semiconductor

Renesas Electronics

Vishay Intertechnology

Texas Instruments

Toshiba

Stmicroelectronics

NXP Semiconductors

Microsemi Corporation

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 Power IC (Integrated Circuit) for Electric Vehicles product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Power IC (Integrated Circuit) for Electric Vehicles, with price, sales, revenue and global market share of Power IC (Integrated Circuit) for Electric Vehicles from 2019 to 2024.

Chapter 3, the Power IC (Integrated Circuit) for Electric Vehicles competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Power IC (Integrated Circuit) for Electric Vehicles 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 Power IC (Integrated Circuit) for Electric Vehicles 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 Power IC (Integrated Circuit) for Electric Vehicles.

Chapter 14 and 15, to describe Power IC (Integrated Circuit) for Electric Vehicles sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of Power IC (Integrated Circuit) for Electric Vehicles
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
 - 1.3.1 Overview: Global Power IC (Integrated Circuit) for Electric Vehicles Consumption Value by Type: 2019 Versus 2023 Versus 2030
 - 1.3.2 GaN
 - 1.3.3 SiC
 - 1.3.4 Others
- 1.4 Market Analysis by Application
 - 1.4.1 Overview: Global Power IC (Integrated Circuit) for Electric Vehicles Consumption Value by Application: 2019 Versus 2023 Versus 2030
 - 1.4.2 HEV
 - 1.4.3 EV
 - 1.4.4 PHEV
- 1.5 Global Power IC (Integrated Circuit) for Electric Vehicles Market Size & Forecast
 - 1.5.1 Global Power IC (Integrated Circuit) for Electric Vehicles Consumption Value (2019 & 2023 & 2030)
 - 1.5.2 Global Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity (2019-2030)
 - 1.5.3 Global Power IC (Integrated Circuit) for Electric Vehicles Average Price (2019-2030)

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 Power IC (Integrated Circuit) for Electric Vehicles Product and Services
 - 2.1.4 Mitsubishi Electric Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.1.5 Mitsubishi Electric Recent Developments/Updates
- 2.2 Fuji Electric
 - 2.2.1 Fuji Electric Details
 - 2.2.2 Fuji Electric Major Business

2.2.3 Fuji Electric Power IC (Integrated Circuit) for Electric Vehicles Product and Services

2.2.4 Fuji Electric Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.2.5 Fuji Electric Recent Developments/Updates

2.3 SEMIKRON

2.3.1 SEMIKRON Details

2.3.2 SEMIKRON Major Business

2.3.3 SEMIKRON Power IC (Integrated Circuit) for Electric Vehicles Product and Services

2.3.4 SEMIKRON Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.3.5 SEMIKRON Recent Developments/Updates

2.4 ON Semiconductor

2.4.1 ON Semiconductor Details

2.4.2 ON Semiconductor Major Business

2.4.3 ON Semiconductor Power IC (Integrated Circuit) for Electric Vehicles Product and Services

2.4.4 ON Semiconductor Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.4.5 ON Semiconductor Recent Developments/Updates

2.5 Renesas Electronics

2.5.1 Renesas Electronics Details

2.5.2 Renesas Electronics Major Business

2.5.3 Renesas Electronics Power IC (Integrated Circuit) for Electric Vehicles Product and Services

2.5.4 Renesas Electronics Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.5.5 Renesas Electronics Recent Developments/Updates

2.6 Vishay Intertechnology

2.6.1 Vishay Intertechnology Details

2.6.2 Vishay Intertechnology Major Business

2.6.3 Vishay Intertechnology Power IC (Integrated Circuit) for Electric Vehicles Product and Services

2.6.4 Vishay Intertechnology Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.6.5 Vishay Intertechnology Recent Developments/Updates

2.7 Texas Instruments

2.7.1 Texas Instruments Details

2.7.2 Texas Instruments Major Business

2.7.3 Texas Instruments Power IC (Integrated Circuit) for Electric Vehicles Product and Services

2.7.4 Texas Instruments Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.7.5 Texas Instruments Recent Developments/Updates

2.8 Toshiba

2.8.1 Toshiba Details

2.8.2 Toshiba Major Business

2.8.3 Toshiba Power IC (Integrated Circuit) for Electric Vehicles Product and Services

2.8.4 Toshiba Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.8.5 Toshiba Recent Developments/Updates

2.9 Stmicroelectronics

2.9.1 Stmicroelectronics Details

2.9.2 Stmicroelectronics Major Business

2.9.3 Stmicroelectronics Power IC (Integrated Circuit) for Electric Vehicles Product and Services

2.9.4 Stmicroelectronics Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.9.5 Stmicroelectronics Recent Developments/Updates

2.10 NXP Semiconductors

2.10.1 NXP Semiconductors Details

2.10.2 NXP Semiconductors Major Business

2.10.3 NXP Semiconductors Power IC (Integrated Circuit) for Electric Vehicles Product and Services

2.10.4 NXP Semiconductors Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.10.5 NXP Semiconductors Recent Developments/Updates

2.11 Microsemi Corporation

2.11.1 Microsemi Corporation Details

2.11.2 Microsemi Corporation Major Business

2.11.3 Microsemi Corporation Power IC (Integrated Circuit) for Electric Vehicles Product and Services

2.11.4 Microsemi Corporation Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.11.5 Microsemi Corporation Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: POWER IC (INTEGRATED CIRCUIT) FOR

ELECTRIC VEHICLES BY MANUFACTURER

3.1 Global Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity by Manufacturer (2019-2024)

3.2 Global Power IC (Integrated Circuit) for Electric Vehicles Revenue by Manufacturer (2019-2024)

3.3 Global Power IC (Integrated Circuit) for Electric Vehicles Average Price by Manufacturer (2019-2024)

3.4 Market Share Analysis (2023)

3.4.1 Producer Shipments of Power IC (Integrated Circuit) for Electric Vehicles by Manufacturer Revenue (\$MM) and Market Share (%): 2023

3.4.2 Top 3 Power IC (Integrated Circuit) for Electric Vehicles Manufacturer Market Share in 2023

3.4.2 Top 6 Power IC (Integrated Circuit) for Electric Vehicles Manufacturer Market Share in 2023

3.5 Power IC (Integrated Circuit) for Electric Vehicles Market: Overall Company Footprint Analysis

3.5.1 Power IC (Integrated Circuit) for Electric Vehicles Market: Region Footprint

3.5.2 Power IC (Integrated Circuit) for Electric Vehicles Market: Company Product Type Footprint

3.5.3 Power IC (Integrated Circuit) for Electric Vehicles 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 Power IC (Integrated Circuit) for Electric Vehicles Market Size by Region

4.1.1 Global Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity by Region (2019-2030)

4.1.2 Global Power IC (Integrated Circuit) for Electric Vehicles Consumption Value by Region (2019-2030)

4.1.3 Global Power IC (Integrated Circuit) for Electric Vehicles Average Price by Region (2019-2030)

4.2 North America Power IC (Integrated Circuit) for Electric Vehicles Consumption Value (2019-2030)

4.3 Europe Power IC (Integrated Circuit) for Electric Vehicles Consumption Value (2019-2030)

4.4 Asia-Pacific Power IC (Integrated Circuit) for Electric Vehicles Consumption Value

(2019-2030)

4.5 South America Power IC (Integrated Circuit) for Electric Vehicles Consumption Value (2019-2030)

4.6 Middle East and Africa Power IC (Integrated Circuit) for Electric Vehicles Consumption Value (2019-2030)

5 MARKET SEGMENT BY TYPE

5.1 Global Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity by Type (2019-2030)

5.2 Global Power IC (Integrated Circuit) for Electric Vehicles Consumption Value by Type (2019-2030)

5.3 Global Power IC (Integrated Circuit) for Electric Vehicles Average Price by Type (2019-2030)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity by Application (2019-2030)

6.2 Global Power IC (Integrated Circuit) for Electric Vehicles Consumption Value by Application (2019-2030)

6.3 Global Power IC (Integrated Circuit) for Electric Vehicles Average Price by Application (2019-2030)

7 NORTH AMERICA

7.1 North America Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity by Type (2019-2030)

7.2 North America Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity by Application (2019-2030)

7.3 North America Power IC (Integrated Circuit) for Electric Vehicles Market Size by Country

7.3.1 North America Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity by Country (2019-2030)

7.3.2 North America Power IC (Integrated Circuit) for Electric Vehicles Consumption Value by Country (2019-2030)

7.3.3 United States Market Size and Forecast (2019-2030)

7.3.4 Canada Market Size and Forecast (2019-2030)

7.3.5 Mexico Market Size and Forecast (2019-2030)

8 EUROPE

8.1 Europe Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity by Type (2019-2030)

8.2 Europe Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity by Application (2019-2030)

8.3 Europe Power IC (Integrated Circuit) for Electric Vehicles Market Size by Country

8.3.1 Europe Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity by Country (2019-2030)

8.3.2 Europe Power IC (Integrated Circuit) for Electric Vehicles Consumption Value by Country (2019-2030)

8.3.3 Germany Market Size and Forecast (2019-2030)

8.3.4 France Market Size and Forecast (2019-2030)

8.3.5 United Kingdom Market Size and Forecast (2019-2030)

8.3.6 Russia Market Size and Forecast (2019-2030)

8.3.7 Italy Market Size and Forecast (2019-2030)

9 ASIA-PACIFIC

9.1 Asia-Pacific Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity by Type (2019-2030)

9.2 Asia-Pacific Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity by Application (2019-2030)

9.3 Asia-Pacific Power IC (Integrated Circuit) for Electric Vehicles Market Size by Region

9.3.1 Asia-Pacific Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity by Region (2019-2030)

9.3.2 Asia-Pacific Power IC (Integrated Circuit) for Electric Vehicles Consumption Value by Region (2019-2030)

9.3.3 China Market Size and Forecast (2019-2030)

9.3.4 Japan Market Size and Forecast (2019-2030)

9.3.5 Korea Market Size and Forecast (2019-2030)

9.3.6 India Market Size and Forecast (2019-2030)

9.3.7 Southeast Asia Market Size and Forecast (2019-2030)

9.3.8 Australia Market Size and Forecast (2019-2030)

10 SOUTH AMERICA

10.1 South America Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity by Type (2019-2030)

10.2 South America Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity by Application (2019-2030)

10.3 South America Power IC (Integrated Circuit) for Electric Vehicles Market Size by Country

10.3.1 South America Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity by Country (2019-2030)

10.3.2 South America Power IC (Integrated Circuit) for Electric Vehicles Consumption Value by Country (2019-2030)

10.3.3 Brazil Market Size and Forecast (2019-2030)

10.3.4 Argentina Market Size and Forecast (2019-2030)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity by Type (2019-2030)

11.2 Middle East & Africa Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity by Application (2019-2030)

11.3 Middle East & Africa Power IC (Integrated Circuit) for Electric Vehicles Market Size by Country

11.3.1 Middle East & Africa Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity by Country (2019-2030)

11.3.2 Middle East & Africa Power IC (Integrated Circuit) for Electric Vehicles Consumption Value by Country (2019-2030)

11.3.3 Turkey Market Size and Forecast (2019-2030)

11.3.4 Egypt Market Size and Forecast (2019-2030)

11.3.5 Saudi Arabia Market Size and Forecast (2019-2030)

11.3.6 South Africa Market Size and Forecast (2019-2030)

12 MARKET DYNAMICS

12.1 Power IC (Integrated Circuit) for Electric Vehicles Market Drivers

12.2 Power IC (Integrated Circuit) for Electric Vehicles Market Restraints

12.3 Power IC (Integrated Circuit) for Electric Vehicles 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

13 RAW MATERIAL AND INDUSTRY CHAIN

13.1 Raw Material of Power IC (Integrated Circuit) for Electric Vehicles and Key Manufacturers

13.2 Manufacturing Costs Percentage of Power IC (Integrated Circuit) for Electric Vehicles

13.3 Power IC (Integrated Circuit) for Electric Vehicles Production Process

13.4 Power IC (Integrated Circuit) for Electric Vehicles Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Power IC (Integrated Circuit) for Electric Vehicles Typical Distributors

14.3 Power IC (Integrated Circuit) for Electric Vehicles 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 Power IC (Integrated Circuit) for Electric Vehicles Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Table 2. Global Power IC (Integrated Circuit) for Electric Vehicles Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Table 3. Mitsubishi Electric Basic Information, Manufacturing Base and Competitors

Table 4. Mitsubishi Electric Major Business

Table 5. Mitsubishi Electric Power IC (Integrated Circuit) for Electric Vehicles Product and Services

Table 6. Mitsubishi Electric Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 7. Mitsubishi Electric Recent Developments/Updates

Table 8. Fuji Electric Basic Information, Manufacturing Base and Competitors

Table 9. Fuji Electric Major Business

Table 10. Fuji Electric Power IC (Integrated Circuit) for Electric Vehicles Product and Services

Table 11. Fuji Electric Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 12. Fuji Electric Recent Developments/Updates

Table 13. SEMIKRON Basic Information, Manufacturing Base and Competitors

Table 14. SEMIKRON Major Business

Table 15. SEMIKRON Power IC (Integrated Circuit) for Electric Vehicles Product and Services

Table 16. SEMIKRON Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 17. SEMIKRON Recent Developments/Updates

Table 18. ON Semiconductor Basic Information, Manufacturing Base and Competitors

Table 19. ON Semiconductor Major Business

Table 20. ON Semiconductor Power IC (Integrated Circuit) for Electric Vehicles Product and Services

Table 21. ON Semiconductor Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 22. ON Semiconductor Recent Developments/Updates

Table 23. Renesas Electronics Basic Information, Manufacturing Base and Competitors

Table 24. Renesas Electronics Major Business

Table 25. Renesas Electronics Power IC (Integrated Circuit) for Electric Vehicles Product and Services

Table 26. Renesas Electronics Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 27. Renesas Electronics Recent Developments/Updates

Table 28. Vishay Intertechnology Basic Information, Manufacturing Base and Competitors

Table 29. Vishay Intertechnology Major Business

Table 30. Vishay Intertechnology Power IC (Integrated Circuit) for Electric Vehicles Product and Services

Table 31. Vishay Intertechnology Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 32. Vishay Intertechnology Recent Developments/Updates

Table 33. Texas Instruments Basic Information, Manufacturing Base and Competitors

Table 34. Texas Instruments Major Business

Table 35. Texas Instruments Power IC (Integrated Circuit) for Electric Vehicles Product and Services

Table 36. Texas Instruments Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 37. Texas Instruments Recent Developments/Updates

Table 38. Toshiba Basic Information, Manufacturing Base and Competitors

Table 39. Toshiba Major Business

Table 40. Toshiba Power IC (Integrated Circuit) for Electric Vehicles Product and Services

Table 41. Toshiba Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 42. Toshiba Recent Developments/Updates

Table 43. Stmicroelectronics Basic Information, Manufacturing Base and Competitors

Table 44. Stmicroelectronics Major Business

Table 45. Stmicroelectronics Power IC (Integrated Circuit) for Electric Vehicles Product and Services

Table 46. Stmicroelectronics Power IC (Integrated Circuit) for Electric Vehicles Sales

Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 47. Stmicroelectronics Recent Developments/Updates

Table 48. NXP Semiconductors Basic Information, Manufacturing Base and Competitors

Table 49. NXP Semiconductors Major Business

Table 50. NXP Semiconductors Power IC (Integrated Circuit) for Electric Vehicles Product and Services

Table 51. NXP Semiconductors Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 52. NXP Semiconductors Recent Developments/Updates

Table 53. Microsemi Corporation Basic Information, Manufacturing Base and Competitors

Table 54. Microsemi Corporation Major Business

Table 55. Microsemi Corporation Power IC (Integrated Circuit) for Electric Vehicles Product and Services

Table 56. Microsemi Corporation Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 57. Microsemi Corporation Recent Developments/Updates

Table 58. Global Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity by Manufacturer (2019-2024) & (K Units)

Table 59. Global Power IC (Integrated Circuit) for Electric Vehicles Revenue by Manufacturer (2019-2024) & (USD Million)

Table 60. Global Power IC (Integrated Circuit) for Electric Vehicles Average Price by Manufacturer (2019-2024) & (USD/Unit)

Table 61. Market Position of Manufacturers in Power IC (Integrated Circuit) for Electric Vehicles, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2023

Table 62. Head Office and Power IC (Integrated Circuit) for Electric Vehicles Production Site of Key Manufacturer

Table 63. Power IC (Integrated Circuit) for Electric Vehicles Market: Company Product Type Footprint

Table 64. Power IC (Integrated Circuit) for Electric Vehicles Market: Company Product Application Footprint

Table 65. Power IC (Integrated Circuit) for Electric Vehicles New Market Entrants and Barriers to Market Entry

Table 66. Power IC (Integrated Circuit) for Electric Vehicles Mergers, Acquisition, Agreements, and Collaborations

Table 67. Global Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity by Region (2019-2024) & (K Units)

Table 68. Global Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity by Region (2025-2030) & (K Units)

Table 69. Global Power IC (Integrated Circuit) for Electric Vehicles Consumption Value by Region (2019-2024) & (USD Million)

Table 70. Global Power IC (Integrated Circuit) for Electric Vehicles Consumption Value by Region (2025-2030) & (USD Million)

Table 71. Global Power IC (Integrated Circuit) for Electric Vehicles Average Price by Region (2019-2024) & (USD/Unit)

Table 72. Global Power IC (Integrated Circuit) for Electric Vehicles Average Price by Region (2025-2030) & (USD/Unit)

Table 73. Global Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity by Type (2019-2024) & (K Units)

Table 74. Global Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity by Type (2025-2030) & (K Units)

Table 75. Global Power IC (Integrated Circuit) for Electric Vehicles Consumption Value by Type (2019-2024) & (USD Million)

Table 76. Global Power IC (Integrated Circuit) for Electric Vehicles Consumption Value by Type (2025-2030) & (USD Million)

Table 77. Global Power IC (Integrated Circuit) for Electric Vehicles Average Price by Type (2019-2024) & (USD/Unit)

Table 78. Global Power IC (Integrated Circuit) for Electric Vehicles Average Price by Type (2025-2030) & (USD/Unit)

Table 79. Global Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity by Application (2019-2024) & (K Units)

Table 80. Global Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity by Application (2025-2030) & (K Units)

Table 81. Global Power IC (Integrated Circuit) for Electric Vehicles Consumption Value by Application (2019-2024) & (USD Million)

Table 82. Global Power IC (Integrated Circuit) for Electric Vehicles Consumption Value by Application (2025-2030) & (USD Million)

Table 83. Global Power IC (Integrated Circuit) for Electric Vehicles Average Price by Application (2019-2024) & (USD/Unit)

Table 84. Global Power IC (Integrated Circuit) for Electric Vehicles Average Price by Application (2025-2030) & (USD/Unit)

Table 85. North America Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity by Type (2019-2024) & (K Units)

Table 86. North America Power IC (Integrated Circuit) for Electric Vehicles Sales

Quantity by Type (2025-2030) & (K Units)

Table 87. North America Power IC (Integrated Circuit) for Electric Vehicles Sales

Quantity by Application (2019-2024) & (K Units)

Table 88. North America Power IC (Integrated Circuit) for Electric Vehicles Sales

Quantity by Application (2025-2030) & (K Units)

Table 89. North America Power IC (Integrated Circuit) for Electric Vehicles Sales

Quantity by Country (2019-2024) & (K Units)

Table 90. North America Power IC (Integrated Circuit) for Electric Vehicles Sales

Quantity by Country (2025-2030) & (K Units)

Table 91. North America Power IC (Integrated Circuit) for Electric Vehicles

Consumption Value by Country (2019-2024) & (USD Million)

Table 92. North America Power IC (Integrated Circuit) for Electric Vehicles

Consumption Value by Country (2025-2030) & (USD Million)

Table 93. Europe Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity by

Type (2019-2024) & (K Units)

Table 94. Europe Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity by

Type (2025-2030) & (K Units)

Table 95. Europe Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity by

Application (2019-2024) & (K Units)

Table 96. Europe Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity by

Application (2025-2030) & (K Units)

Table 97. Europe Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity by

Country (2019-2024) & (K Units)

Table 98. Europe Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity by

Country (2025-2030) & (K Units)

Table 99. Europe Power IC (Integrated Circuit) for Electric Vehicles Consumption Value

by Country (2019-2024) & (USD Million)

Table 100. Europe Power IC (Integrated Circuit) for Electric Vehicles Consumption

Value by Country (2025-2030) & (USD Million)

Table 101. Asia-Pacific Power IC (Integrated Circuit) for Electric Vehicles Sales

Quantity by Type (2019-2024) & (K Units)

Table 102. Asia-Pacific Power IC (Integrated Circuit) for Electric Vehicles Sales

Quantity by Type (2025-2030) & (K Units)

Table 103. Asia-Pacific Power IC (Integrated Circuit) for Electric Vehicles Sales

Quantity by Application (2019-2024) & (K Units)

Table 104. Asia-Pacific Power IC (Integrated Circuit) for Electric Vehicles Sales

Quantity by Application (2025-2030) & (K Units)

Table 105. Asia-Pacific Power IC (Integrated Circuit) for Electric Vehicles Sales

Quantity by Region (2019-2024) & (K Units)

Table 106. Asia-Pacific Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity by Region (2025-2030) & (K Units)

Table 107. Asia-Pacific Power IC (Integrated Circuit) for Electric Vehicles Consumption Value by Region (2019-2024) & (USD Million)

Table 108. Asia-Pacific Power IC (Integrated Circuit) for Electric Vehicles Consumption Value by Region (2025-2030) & (USD Million)

Table 109. South America Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity by Type (2019-2024) & (K Units)

Table 110. South America Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity by Type (2025-2030) & (K Units)

Table 111. South America Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity by Application (2019-2024) & (K Units)

Table 112. South America Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity by Application (2025-2030) & (K Units)

Table 113. South America Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity by Country (2019-2024) & (K Units)

Table 114. South America Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity by Country (2025-2030) & (K Units)

Table 115. South America Power IC (Integrated Circuit) for Electric Vehicles Consumption Value by Country (2019-2024) & (USD Million)

Table 116. South America Power IC (Integrated Circuit) for Electric Vehicles Consumption Value by Country (2025-2030) & (USD Million)

Table 117. Middle East & Africa Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity by Type (2019-2024) & (K Units)

Table 118. Middle East & Africa Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity by Type (2025-2030) & (K Units)

Table 119. Middle East & Africa Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity by Application (2019-2024) & (K Units)

Table 120. Middle East & Africa Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity by Application (2025-2030) & (K Units)

Table 121. Middle East & Africa Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity by Region (2019-2024) & (K Units)

Table 122. Middle East & Africa Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity by Region (2025-2030) & (K Units)

Table 123. Middle East & Africa Power IC (Integrated Circuit) for Electric Vehicles Consumption Value by Region (2019-2024) & (USD Million)

Table 124. Middle East & Africa Power IC (Integrated Circuit) for Electric Vehicles Consumption Value by Region (2025-2030) & (USD Million)

Table 125. Power IC (Integrated Circuit) for Electric Vehicles Raw Material

Table 126. Key Manufacturers of Power IC (Integrated Circuit) for Electric Vehicles Raw Materials

Table 127. Power IC (Integrated Circuit) for Electric Vehicles Typical Distributors

Table 128. Power IC (Integrated Circuit) for Electric Vehicles Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. Power IC (Integrated Circuit) for Electric Vehicles Picture
- Figure 2. Global Power IC (Integrated Circuit) for Electric Vehicles Consumption Value by Type, (USD Million), 2019 & 2023 & 2030
- Figure 3. Global Power IC (Integrated Circuit) for Electric Vehicles Consumption Value Market Share by Type in 2023
- Figure 4. GaN Examples
- Figure 5. SiC Examples
- Figure 6. Others Examples
- Figure 7. Global Power IC (Integrated Circuit) for Electric Vehicles Consumption Value by Application, (USD Million), 2019 & 2023 & 2030
- Figure 8. Global Power IC (Integrated Circuit) for Electric Vehicles Consumption Value Market Share by Application in 2023
- Figure 9. HEV Examples
- Figure 10. EV Examples
- Figure 11. PHEV Examples
- Figure 12. Global Power IC (Integrated Circuit) for Electric Vehicles Consumption Value, (USD Million): 2019 & 2023 & 2030
- Figure 13. Global Power IC (Integrated Circuit) for Electric Vehicles Consumption Value and Forecast (2019-2030) & (USD Million)
- Figure 14. Global Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity (2019-2030) & (K Units)
- Figure 15. Global Power IC (Integrated Circuit) for Electric Vehicles Average Price (2019-2030) & (USD/Unit)
- Figure 16. Global Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity Market Share by Manufacturer in 2023
- Figure 17. Global Power IC (Integrated Circuit) for Electric Vehicles Consumption Value Market Share by Manufacturer in 2023
- Figure 18. Producer Shipments of Power IC (Integrated Circuit) for Electric Vehicles by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2023
- Figure 19. Top 3 Power IC (Integrated Circuit) for Electric Vehicles Manufacturer (Consumption Value) Market Share in 2023
- Figure 20. Top 6 Power IC (Integrated Circuit) for Electric Vehicles Manufacturer (Consumption Value) Market Share in 2023
- Figure 21. Global Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity Market Share by Region (2019-2030)

Figure 22. Global Power IC (Integrated Circuit) for Electric Vehicles Consumption Value Market Share by Region (2019-2030)

Figure 23. North America Power IC (Integrated Circuit) for Electric Vehicles Consumption Value (2019-2030) & (USD Million)

Figure 24. Europe Power IC (Integrated Circuit) for Electric Vehicles Consumption Value (2019-2030) & (USD Million)

Figure 25. Asia-Pacific Power IC (Integrated Circuit) for Electric Vehicles Consumption Value (2019-2030) & (USD Million)

Figure 26. South America Power IC (Integrated Circuit) for Electric Vehicles Consumption Value (2019-2030) & (USD Million)

Figure 27. Middle East & Africa Power IC (Integrated Circuit) for Electric Vehicles Consumption Value (2019-2030) & (USD Million)

Figure 28. Global Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity Market Share by Type (2019-2030)

Figure 29. Global Power IC (Integrated Circuit) for Electric Vehicles Consumption Value Market Share by Type (2019-2030)

Figure 30. Global Power IC (Integrated Circuit) for Electric Vehicles Average Price by Type (2019-2030) & (USD/Unit)

Figure 31. Global Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity Market Share by Application (2019-2030)

Figure 32. Global Power IC (Integrated Circuit) for Electric Vehicles Consumption Value Market Share by Application (2019-2030)

Figure 33. Global Power IC (Integrated Circuit) for Electric Vehicles Average Price by Application (2019-2030) & (USD/Unit)

Figure 34. North America Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity Market Share by Type (2019-2030)

Figure 35. North America Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity Market Share by Application (2019-2030)

Figure 36. North America Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity Market Share by Country (2019-2030)

Figure 37. North America Power IC (Integrated Circuit) for Electric Vehicles Consumption Value Market Share by Country (2019-2030)

Figure 38. United States Power IC (Integrated Circuit) for Electric Vehicles Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 39. Canada Power IC (Integrated Circuit) for Electric Vehicles Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 40. Mexico Power IC (Integrated Circuit) for Electric Vehicles Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 41. Europe Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity

Market Share by Type (2019-2030)

Figure 42. Europe Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity

Market Share by Application (2019-2030)

Figure 43. Europe Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity

Market Share by Country (2019-2030)

Figure 44. Europe Power IC (Integrated Circuit) for Electric Vehicles Consumption

Value Market Share by Country (2019-2030)

Figure 45. Germany Power IC (Integrated Circuit) for Electric Vehicles Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 46. France Power IC (Integrated Circuit) for Electric Vehicles Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 47. United Kingdom Power IC (Integrated Circuit) for Electric Vehicles Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 48. Russia Power IC (Integrated Circuit) for Electric Vehicles Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 49. Italy Power IC (Integrated Circuit) for Electric Vehicles Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 50. Asia-Pacific Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity Market Share by Type (2019-2030)

Figure 51. Asia-Pacific Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity Market Share by Application (2019-2030)

Figure 52. Asia-Pacific Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity Market Share by Region (2019-2030)

Figure 53. Asia-Pacific Power IC (Integrated Circuit) for Electric Vehicles Consumption Value Market Share by Region (2019-2030)

Figure 54. China Power IC (Integrated Circuit) for Electric Vehicles Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 55. Japan Power IC (Integrated Circuit) for Electric Vehicles Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 56. Korea Power IC (Integrated Circuit) for Electric Vehicles Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 57. India Power IC (Integrated Circuit) for Electric Vehicles Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 58. Southeast Asia Power IC (Integrated Circuit) for Electric Vehicles Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 59. Australia Power IC (Integrated Circuit) for Electric Vehicles Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 60. South America Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity Market Share by Type (2019-2030)

Figure 61. South America Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity Market Share by Application (2019-2030)

Figure 62. South America Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity Market Share by Country (2019-2030)

Figure 63. South America Power IC (Integrated Circuit) for Electric Vehicles Consumption Value Market Share by Country (2019-2030)

Figure 64. Brazil Power IC (Integrated Circuit) for Electric Vehicles Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 65. Argentina Power IC (Integrated Circuit) for Electric Vehicles Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 66. Middle East & Africa Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity Market Share by Type (2019-2030)

Figure 67. Middle East & Africa Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity Market Share by Application (2019-2030)

Figure 68. Middle East & Africa Power IC (Integrated Circuit) for Electric Vehicles Sales Quantity Market Share by Region (2019-2030)

Figure 69. Middle East & Africa Power IC (Integrated Circuit) for Electric Vehicles Consumption Value Market Share by Region (2019-2030)

Figure 70. Turkey Power IC (Integrated Circuit) for Electric Vehicles Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 71. Egypt Power IC (Integrated Circuit) for Electric Vehicles Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 72. Saudi Arabia Power IC (Integrated Circuit) for Electric Vehicles Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 73. South Africa Power IC (Integrated Circuit) for Electric Vehicles Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 74. Power IC (Integrated Circuit) for Electric Vehicles Market Drivers

Figure 75. Power IC (Integrated Circuit) for Electric Vehicles Market Restraints

Figure 76. Power IC (Integrated Circuit) for Electric Vehicles Market Trends

Figure 77. Porters Five Forces Analysis

Figure 78. Manufacturing Cost Structure Analysis of Power IC (Integrated Circuit) for Electric Vehicles in 2023

Figure 79. Manufacturing Process Analysis of Power IC (Integrated Circuit) for Electric Vehicles

Figure 80. Power IC (Integrated Circuit) for Electric Vehicles 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 Power IC (Integrated Circuit) for Electric Vehicles Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

Product link: <https://marketpublishers.com/r/G225FA6A620EEN.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/G225FA6A620EEN.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

