

Global Semiconductors for Electric Vehicle Market 2024 by Company, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global Semiconductors for Electric Vehicle 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.

The Global Info Research report includes an overview of the development of the Semiconductors for Electric Vehicle industry chain, the market status of Infotainment & Cluster (ASSP/ASIC, Micro-Component IC), Body (ASSP/ASIC, Micro-Component IC), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Semiconductors for Electric Vehicle.

Regionally, the report analyzes the Semiconductors for Electric Vehicle 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 Semiconductors for Electric Vehicle market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Semiconductors for Electric Vehicle 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 Semiconductors for Electric Vehicle 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 revenue generated, and market share of different by Type (e.g., ASSP/ASIC, Micro-Component 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 Semiconductors for Electric Vehicle market.

Regional Analysis: The report involves examining the Semiconductors for Electric Vehicle 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 Semiconductors for Electric Vehicle market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Semiconductors for Electric Vehicle:

Company Analysis: Report covers individual Semiconductors for Electric Vehicle players, 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 Semiconductors for Electric Vehicle This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Infotainment & Cluster, Body).

Technology Analysis: Report covers specific technologies relevant to Semiconductors for Electric Vehicle. It assesses the current state, advancements, and potential future developments in Semiconductors for Electric Vehicle areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers,

the report present insights into the competitive landscape of the Semiconductors for Electric Vehicle 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

Semiconductors for Electric Vehicle 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 value.

Market segment by Type

ASSP/ASIC

Micro-Component IC

Discrete

Optoelectronics

Nonoptical Sensors

Memory IC

Analog IC

General-Purpose Logic IC

Market segment by Application

Infotainment & Cluster

Body

ADAS

Chassis

Powertrain

Safety

Others

Market segment by players, this report covers

NXP Semiconductors

Infineon Technologies

Texas Instruments

Renesas Electronics

Robert Bosch GmbH

ROHM

Wolfspeed

ADI

STMicroelectronics

ON Semiconductor

Denso

Analog Devices

Nexperia (Wingtech)

Toshiba

Micron Technology

Navinfo

Allwinner Technology

Starpower

GigaDevice

Horizon Robotics

Market segment by regions, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, UK, Russia, Italy, and Rest of Europe)

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

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

Middle East & Africa (Turkey, Saudi Arabia, UAE, Rest of Middle East & Africa)

The content of the study subjects, includes a total of 13 chapters:

Chapter 1, to describe Semiconductors for Electric Vehicle product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of Semiconductors for Electric Vehicle, with revenue, gross margin and global market share of Semiconductors for Electric Vehicle from 2019 to 2024.

Chapter 3, the Semiconductors for Electric Vehicle competitive situation, revenue and global market share of top players are analyzed emphatically by landscape contrast.

Chapter 4 and 5, to segment the market size by Type and application, with consumption value and growth rate by Type, application, from 2019 to 2030.

Chapter 6, 7, 8, 9, and 10, to break the market size data at the country level, with revenue and market share for key countries in the world, from 2019 to 2024. and Semiconductors for Electric Vehicle market forecast, by regions, type and application, with consumption value, from 2025 to 2030.

Chapter 11, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 12, the key raw materials and key suppliers, and industry chain of Semiconductors for Electric Vehicle.

Chapter 13, to describe Semiconductors for Electric Vehicle research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope of Semiconductors for Electric Vehicle

1.2 Market Estimation Caveats and Base Year

1.3 Classification of Semiconductors for Electric Vehicle by Type

1.3.1 Overview: Global Semiconductors for Electric Vehicle Market Size by Type: 2019 Versus 2023 Versus 2030

1.3.2 Global Semiconductors for Electric Vehicle Consumption Value Market Share by Type in 2023

1.3.3 ASSP/ASIC

1.3.4 Micro-Component IC

1.3.5 Discrete

1.3.6 Optoelectronics

1.3.7 Nonoptical Sensors

1.3.8 Memory IC

1.3.9 Analog IC

1.3.10 General-Purpose Logic IC

1.4 Global Semiconductors for Electric Vehicle Market by Application

1.4.1 Overview: Global Semiconductors for Electric Vehicle Market Size by Application: 2019 Versus 2023 Versus 2030

1.4.2 Infotainment & Cluster

1.4.3 Body

1.4.4 ADAS

1.4.5 Chassis

1.4.6 Powertrain

1.4.7 Safety

1.4.8 Others

1.5 Global Semiconductors for Electric Vehicle Market Size & Forecast

1.6 Global Semiconductors for Electric Vehicle Market Size and Forecast by Region

1.6.1 Global Semiconductors for Electric Vehicle Market Size by Region: 2019 VS 2023 VS 2030

1.6.2 Global Semiconductors for Electric Vehicle Market Size by Region, (2019-2030)

1.6.3 North America Semiconductors for Electric Vehicle Market Size and Prospect (2019-2030)

1.6.4 Europe Semiconductors for Electric Vehicle Market Size and Prospect (2019-2030)

1.6.5 Asia-Pacific Semiconductors for Electric Vehicle Market Size and Prospect

(2019-2030)

1.6.6 South America Semiconductors for Electric Vehicle Market Size and Prospect

(2019-2030)

1.6.7 Middle East and Africa Semiconductors for Electric Vehicle Market Size and Prospect (2019-2030)

2 COMPANY PROFILES

2.1 NXP Semiconductors

2.1.1 NXP Semiconductors Details

2.1.2 NXP Semiconductors Major Business

2.1.3 NXP Semiconductors Semiconductors for Electric Vehicle Product and Solutions

2.1.4 NXP Semiconductors Semiconductors for Electric Vehicle Revenue, Gross Margin and Market Share (2019-2024)

2.1.5 NXP Semiconductors Recent Developments and Future Plans

2.2 Infineon Technologies

2.2.1 Infineon Technologies Details

2.2.2 Infineon Technologies Major Business

2.2.3 Infineon Technologies Semiconductors for Electric Vehicle Product and Solutions

2.2.4 Infineon Technologies Semiconductors for Electric Vehicle Revenue, Gross Margin and Market Share (2019-2024)

2.2.5 Infineon Technologies Recent Developments and Future Plans

2.3 Texas Instruments

2.3.1 Texas Instruments Details

2.3.2 Texas Instruments Major Business

2.3.3 Texas Instruments Semiconductors for Electric Vehicle Product and Solutions

2.3.4 Texas Instruments Semiconductors for Electric Vehicle Revenue, Gross Margin and Market Share (2019-2024)

2.3.5 Texas Instruments Recent Developments and Future Plans

2.4 Renesas Electronics

2.4.1 Renesas Electronics Details

2.4.2 Renesas Electronics Major Business

2.4.3 Renesas Electronics Semiconductors for Electric Vehicle Product and Solutions

2.4.4 Renesas Electronics Semiconductors for Electric Vehicle Revenue, Gross Margin and Market Share (2019-2024)

2.4.5 Renesas Electronics Recent Developments and Future Plans

2.5 Robert Bosch GmbH

2.5.1 Robert Bosch GmbH Details

2.5.2 Robert Bosch GmbH Major Business

- 2.5.3 Robert Bosch GmbH Semiconductors for Electric Vehicle Product and Solutions
- 2.5.4 Robert Bosch GmbH Semiconductors for Electric Vehicle Revenue, Gross Margin and Market Share (2019-2024)
- 2.5.5 Robert Bosch GmbH Recent Developments and Future Plans
- 2.6 ROHM
 - 2.6.1 ROHM Details
 - 2.6.2 ROHM Major Business
 - 2.6.3 ROHM Semiconductors for Electric Vehicle Product and Solutions
 - 2.6.4 ROHM Semiconductors for Electric Vehicle Revenue, Gross Margin and Market Share (2019-2024)
 - 2.6.5 ROHM Recent Developments and Future Plans
- 2.7 Wolfspeed
 - 2.7.1 Wolfspeed Details
 - 2.7.2 Wolfspeed Major Business
 - 2.7.3 Wolfspeed Semiconductors for Electric Vehicle Product and Solutions
 - 2.7.4 Wolfspeed Semiconductors for Electric Vehicle Revenue, Gross Margin and Market Share (2019-2024)
 - 2.7.5 Wolfspeed Recent Developments and Future Plans
- 2.8 ADI
 - 2.8.1 ADI Details
 - 2.8.2 ADI Major Business
 - 2.8.3 ADI Semiconductors for Electric Vehicle Product and Solutions
 - 2.8.4 ADI Semiconductors for Electric Vehicle Revenue, Gross Margin and Market Share (2019-2024)
 - 2.8.5 ADI Recent Developments and Future Plans
- 2.9 STMicroelectronics
 - 2.9.1 STMicroelectronics Details
 - 2.9.2 STMicroelectronics Major Business
 - 2.9.3 STMicroelectronics Semiconductors for Electric Vehicle Product and Solutions
 - 2.9.4 STMicroelectronics Semiconductors for Electric Vehicle Revenue, Gross Margin and Market Share (2019-2024)
 - 2.9.5 STMicroelectronics Recent Developments and Future Plans
- 2.10 ON Semiconductor
 - 2.10.1 ON Semiconductor Details
 - 2.10.2 ON Semiconductor Major Business
 - 2.10.3 ON Semiconductor Semiconductors for Electric Vehicle Product and Solutions
 - 2.10.4 ON Semiconductor Semiconductors for Electric Vehicle Revenue, Gross Margin and Market Share (2019-2024)
 - 2.10.5 ON Semiconductor Recent Developments and Future Plans

2.11 Denso

2.11.1 Denso Details

2.11.2 Denso Major Business

2.11.3 Denso Semiconductors for Electric Vehicle Product and Solutions

2.11.4 Denso Semiconductors for Electric Vehicle Revenue, Gross Margin and Market Share (2019-2024)

2.11.5 Denso Recent Developments and Future Plans

2.12 Analog Devices

2.12.1 Analog Devices Details

2.12.2 Analog Devices Major Business

2.12.3 Analog Devices Semiconductors for Electric Vehicle Product and Solutions

2.12.4 Analog Devices Semiconductors for Electric Vehicle Revenue, Gross Margin and Market Share (2019-2024)

2.12.5 Analog Devices Recent Developments and Future Plans

2.13 Nexperia (Wingtech)

2.13.1 Nexperia (Wingtech) Details

2.13.2 Nexperia (Wingtech) Major Business

2.13.3 Nexperia (Wingtech) Semiconductors for Electric Vehicle Product and Solutions

2.13.4 Nexperia (Wingtech) Semiconductors for Electric Vehicle Revenue, Gross Margin and Market Share (2019-2024)

2.13.5 Nexperia (Wingtech) Recent Developments and Future Plans

2.14 Toshiba

2.14.1 Toshiba Details

2.14.2 Toshiba Major Business

2.14.3 Toshiba Semiconductors for Electric Vehicle Product and Solutions

2.14.4 Toshiba Semiconductors for Electric Vehicle Revenue, Gross Margin and Market Share (2019-2024)

2.14.5 Toshiba Recent Developments and Future Plans

2.15 Micron Technology

2.15.1 Micron Technology Details

2.15.2 Micron Technology Major Business

2.15.3 Micron Technology Semiconductors for Electric Vehicle Product and Solutions

2.15.4 Micron Technology Semiconductors for Electric Vehicle Revenue, Gross Margin and Market Share (2019-2024)

2.15.5 Micron Technology Recent Developments and Future Plans

2.16 Navinfo

2.16.1 Navinfo Details

2.16.2 Navinfo Major Business

2.16.3 Navinfo Semiconductors for Electric Vehicle Product and Solutions

2.16.4 Navinfo Semiconductors for Electric Vehicle Revenue, Gross Margin and Market Share (2019-2024)

2.16.5 Navinfo Recent Developments and Future Plans

2.17 Allwinner Technology

2.17.1 Allwinner Technology Details

2.17.2 Allwinner Technology Major Business

2.17.3 Allwinner Technology Semiconductors for Electric Vehicle Product and Solutions

2.17.4 Allwinner Technology Semiconductors for Electric Vehicle Revenue, Gross Margin and Market Share (2019-2024)

2.17.5 Allwinner Technology Recent Developments and Future Plans

2.18 Starpower

2.18.1 Starpower Details

2.18.2 Starpower Major Business

2.18.3 Starpower Semiconductors for Electric Vehicle Product and Solutions

2.18.4 Starpower Semiconductors for Electric Vehicle Revenue, Gross Margin and Market Share (2019-2024)

2.18.5 Starpower Recent Developments and Future Plans

2.19 GigaDevice

2.19.1 GigaDevice Details

2.19.2 GigaDevice Major Business

2.19.3 GigaDevice Semiconductors for Electric Vehicle Product and Solutions

2.19.4 GigaDevice Semiconductors for Electric Vehicle Revenue, Gross Margin and Market Share (2019-2024)

2.19.5 GigaDevice Recent Developments and Future Plans

2.20 Horizon Robotics

2.20.1 Horizon Robotics Details

2.20.2 Horizon Robotics Major Business

2.20.3 Horizon Robotics Semiconductors for Electric Vehicle Product and Solutions

2.20.4 Horizon Robotics Semiconductors for Electric Vehicle Revenue, Gross Margin and Market Share (2019-2024)

2.20.5 Horizon Robotics Recent Developments and Future Plans

3 MARKET COMPETITION, BY PLAYERS

3.1 Global Semiconductors for Electric Vehicle Revenue and Share by Players (2019-2024)

3.2 Market Share Analysis (2023)

3.2.1 Market Share of Semiconductors for Electric Vehicle by Company Revenue

- 3.2.2 Top 3 Semiconductors for Electric Vehicle Players Market Share in 2023
- 3.2.3 Top 6 Semiconductors for Electric Vehicle Players Market Share in 2023
- 3.3 Semiconductors for Electric Vehicle Market: Overall Company Footprint Analysis
 - 3.3.1 Semiconductors for Electric Vehicle Market: Region Footprint
 - 3.3.2 Semiconductors for Electric Vehicle Market: Company Product Type Footprint
 - 3.3.3 Semiconductors for Electric Vehicle Market: Company Product Application Footprint
- 3.4 New Market Entrants and Barriers to Market Entry
- 3.5 Mergers, Acquisition, Agreements, and Collaborations

4 MARKET SIZE SEGMENT BY TYPE

- 4.1 Global Semiconductors for Electric Vehicle Consumption Value and Market Share by Type (2019-2024)
- 4.2 Global Semiconductors for Electric Vehicle Market Forecast by Type (2025-2030)

5 MARKET SIZE SEGMENT BY APPLICATION

- 5.1 Global Semiconductors for Electric Vehicle Consumption Value Market Share by Application (2019-2024)
- 5.2 Global Semiconductors for Electric Vehicle Market Forecast by Application (2025-2030)

6 NORTH AMERICA

- 6.1 North America Semiconductors for Electric Vehicle Consumption Value by Type (2019-2030)
- 6.2 North America Semiconductors for Electric Vehicle Consumption Value by Application (2019-2030)
- 6.3 North America Semiconductors for Electric Vehicle Market Size by Country
 - 6.3.1 North America Semiconductors for Electric Vehicle Consumption Value by Country (2019-2030)
 - 6.3.2 United States Semiconductors for Electric Vehicle Market Size and Forecast (2019-2030)
 - 6.3.3 Canada Semiconductors for Electric Vehicle Market Size and Forecast (2019-2030)
 - 6.3.4 Mexico Semiconductors for Electric Vehicle Market Size and Forecast (2019-2030)

7 EUROPE

- 7.1 Europe Semiconductors for Electric Vehicle Consumption Value by Type (2019-2030)
- 7.2 Europe Semiconductors for Electric Vehicle Consumption Value by Application (2019-2030)
- 7.3 Europe Semiconductors for Electric Vehicle Market Size by Country
 - 7.3.1 Europe Semiconductors for Electric Vehicle Consumption Value by Country (2019-2030)
 - 7.3.2 Germany Semiconductors for Electric Vehicle Market Size and Forecast (2019-2030)
 - 7.3.3 France Semiconductors for Electric Vehicle Market Size and Forecast (2019-2030)
 - 7.3.4 United Kingdom Semiconductors for Electric Vehicle Market Size and Forecast (2019-2030)
 - 7.3.5 Russia Semiconductors for Electric Vehicle Market Size and Forecast (2019-2030)
 - 7.3.6 Italy Semiconductors for Electric Vehicle Market Size and Forecast (2019-2030)

8 ASIA-PACIFIC

- 8.1 Asia-Pacific Semiconductors for Electric Vehicle Consumption Value by Type (2019-2030)
- 8.2 Asia-Pacific Semiconductors for Electric Vehicle Consumption Value by Application (2019-2030)
- 8.3 Asia-Pacific Semiconductors for Electric Vehicle Market Size by Region
 - 8.3.1 Asia-Pacific Semiconductors for Electric Vehicle Consumption Value by Region (2019-2030)
 - 8.3.2 China Semiconductors for Electric Vehicle Market Size and Forecast (2019-2030)
 - 8.3.3 Japan Semiconductors for Electric Vehicle Market Size and Forecast (2019-2030)
 - 8.3.4 South Korea Semiconductors for Electric Vehicle Market Size and Forecast (2019-2030)
 - 8.3.5 India Semiconductors for Electric Vehicle Market Size and Forecast (2019-2030)
 - 8.3.6 Southeast Asia Semiconductors for Electric Vehicle Market Size and Forecast (2019-2030)
 - 8.3.7 Australia Semiconductors for Electric Vehicle Market Size and Forecast (2019-2030)

9 SOUTH AMERICA

9.1 South America Semiconductors for Electric Vehicle Consumption Value by Type (2019-2030)

9.2 South America Semiconductors for Electric Vehicle Consumption Value by Application (2019-2030)

9.3 South America Semiconductors for Electric Vehicle Market Size by Country

9.3.1 South America Semiconductors for Electric Vehicle Consumption Value by Country (2019-2030)

9.3.2 Brazil Semiconductors for Electric Vehicle Market Size and Forecast (2019-2030)

9.3.3 Argentina Semiconductors for Electric Vehicle Market Size and Forecast (2019-2030)

10 MIDDLE EAST & AFRICA

10.1 Middle East & Africa Semiconductors for Electric Vehicle Consumption Value by Type (2019-2030)

10.2 Middle East & Africa Semiconductors for Electric Vehicle Consumption Value by Application (2019-2030)

10.3 Middle East & Africa Semiconductors for Electric Vehicle Market Size by Country

10.3.1 Middle East & Africa Semiconductors for Electric Vehicle Consumption Value by Country (2019-2030)

10.3.2 Turkey Semiconductors for Electric Vehicle Market Size and Forecast (2019-2030)

10.3.3 Saudi Arabia Semiconductors for Electric Vehicle Market Size and Forecast (2019-2030)

10.3.4 UAE Semiconductors for Electric Vehicle Market Size and Forecast (2019-2030)

11 MARKET DYNAMICS

11.1 Semiconductors for Electric Vehicle Market Drivers

11.2 Semiconductors for Electric Vehicle Market Restraints

11.3 Semiconductors for Electric Vehicle Trends Analysis

11.4 Porters Five Forces Analysis

11.4.1 Threat of New Entrants

11.4.2 Bargaining Power of Suppliers

11.4.3 Bargaining Power of Buyers

11.4.4 Threat of Substitutes

11.4.5 Competitive Rivalry

12 INDUSTRY CHAIN ANALYSIS

12.1 Semiconductors for Electric Vehicle Industry Chain

12.2 Semiconductors for Electric Vehicle Upstream Analysis

12.3 Semiconductors for Electric Vehicle Midstream Analysis

12.4 Semiconductors for Electric Vehicle Downstream Analysis

13 RESEARCH FINDINGS AND CONCLUSION

14 APPENDIX

14.1 Methodology

14.2 Research Process and Data Source

14.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global Semiconductors for Electric Vehicle Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Table 2. Global Semiconductors for Electric Vehicle Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Table 3. Global Semiconductors for Electric Vehicle Consumption Value by Region (2019-2024) & (USD Million)

Table 4. Global Semiconductors for Electric Vehicle Consumption Value by Region (2025-2030) & (USD Million)

Table 5. NXP Semiconductors Company Information, Head Office, and Major Competitors

Table 6. NXP Semiconductors Major Business

Table 7. NXP Semiconductors Semiconductors for Electric Vehicle Product and Solutions

Table 8. NXP Semiconductors Semiconductors for Electric Vehicle Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 9. NXP Semiconductors Recent Developments and Future Plans

Table 10. Infineon Technologies Company Information, Head Office, and Major Competitors

Table 11. Infineon Technologies Major Business

Table 12. Infineon Technologies Semiconductors for Electric Vehicle Product and Solutions

Table 13. Infineon Technologies Semiconductors for Electric Vehicle Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 14. Infineon Technologies Recent Developments and Future Plans

Table 15. Texas Instruments Company Information, Head Office, and Major Competitors

Table 16. Texas Instruments Major Business

Table 17. Texas Instruments Semiconductors for Electric Vehicle Product and Solutions

Table 18. Texas Instruments Semiconductors for Electric Vehicle Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 19. Texas Instruments Recent Developments and Future Plans

Table 20. Renesas Electronics Company Information, Head Office, and Major Competitors

Table 21. Renesas Electronics Major Business

Table 22. Renesas Electronics Semiconductors for Electric Vehicle Product and

Solutions

Table 23. Renesas Electronics Semiconductors for Electric Vehicle Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 24. Renesas Electronics Recent Developments and Future Plans

Table 25. Robert Bosch GmbH Company Information, Head Office, and Major Competitors

Table 26. Robert Bosch GmbH Major Business

Table 27. Robert Bosch GmbH Semiconductors for Electric Vehicle Product and Solutions

Table 28. Robert Bosch GmbH Semiconductors for Electric Vehicle Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 29. Robert Bosch GmbH Recent Developments and Future Plans

Table 30. ROHM Company Information, Head Office, and Major Competitors

Table 31. ROHM Major Business

Table 32. ROHM Semiconductors for Electric Vehicle Product and Solutions

Table 33. ROHM Semiconductors for Electric Vehicle Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 34. ROHM Recent Developments and Future Plans

Table 35. Wolfspeed Company Information, Head Office, and Major Competitors

Table 36. Wolfspeed Major Business

Table 37. Wolfspeed Semiconductors for Electric Vehicle Product and Solutions

Table 38. Wolfspeed Semiconductors for Electric Vehicle Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 39. Wolfspeed Recent Developments and Future Plans

Table 40. ADI Company Information, Head Office, and Major Competitors

Table 41. ADI Major Business

Table 42. ADI Semiconductors for Electric Vehicle Product and Solutions

Table 43. ADI Semiconductors for Electric Vehicle Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 44. ADI Recent Developments and Future Plans

Table 45. STMicroelectronics Company Information, Head Office, and Major Competitors

Table 46. STMicroelectronics Major Business

Table 47. STMicroelectronics Semiconductors for Electric Vehicle Product and Solutions

Table 48. STMicroelectronics Semiconductors for Electric Vehicle Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 49. STMicroelectronics Recent Developments and Future Plans

Table 50. ON Semiconductor Company Information, Head Office, and Major

Competitors

Table 51. ON Semiconductor Major Business

Table 52. ON Semiconductor Semiconductors for Electric Vehicle Product and Solutions

Table 53. ON Semiconductor Semiconductors for Electric Vehicle Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 54. ON Semiconductor Recent Developments and Future Plans

Table 55. Denso Company Information, Head Office, and Major Competitors

Table 56. Denso Major Business

Table 57. Denso Semiconductors for Electric Vehicle Product and Solutions

Table 58. Denso Semiconductors for Electric Vehicle Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 59. Denso Recent Developments and Future Plans

Table 60. Analog Devices Company Information, Head Office, and Major Competitors

Table 61. Analog Devices Major Business

Table 62. Analog Devices Semiconductors for Electric Vehicle Product and Solutions

Table 63. Analog Devices Semiconductors for Electric Vehicle Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 64. Analog Devices Recent Developments and Future Plans

Table 65. Nexperia (Wingtech) Company Information, Head Office, and Major Competitors

Table 66. Nexperia (Wingtech) Major Business

Table 67. Nexperia (Wingtech) Semiconductors for Electric Vehicle Product and Solutions

Table 68. Nexperia (Wingtech) Semiconductors for Electric Vehicle Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 69. Nexperia (Wingtech) Recent Developments and Future Plans

Table 70. Toshiba Company Information, Head Office, and Major Competitors

Table 71. Toshiba Major Business

Table 72. Toshiba Semiconductors for Electric Vehicle Product and Solutions

Table 73. Toshiba Semiconductors for Electric Vehicle Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 74. Toshiba Recent Developments and Future Plans

Table 75. Micron Technology Company Information, Head Office, and Major Competitors

Table 76. Micron Technology Major Business

Table 77. Micron Technology Semiconductors for Electric Vehicle Product and Solutions

Table 78. Micron Technology Semiconductors for Electric Vehicle Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 79. Micron Technology Recent Developments and Future Plans

- Table 80. Navinfo Company Information, Head Office, and Major Competitors
- Table 81. Navinfo Major Business
- Table 82. Navinfo Semiconductors for Electric Vehicle Product and Solutions
- Table 83. Navinfo Semiconductors for Electric Vehicle Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 84. Navinfo Recent Developments and Future Plans
- Table 85. Allwinner Technology Company Information, Head Office, and Major Competitors
- Table 86. Allwinner Technology Major Business
- Table 87. Allwinner Technology Semiconductors for Electric Vehicle Product and Solutions
- Table 88. Allwinner Technology Semiconductors for Electric Vehicle Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 89. Allwinner Technology Recent Developments and Future Plans
- Table 90. Starpower Company Information, Head Office, and Major Competitors
- Table 91. Starpower Major Business
- Table 92. Starpower Semiconductors for Electric Vehicle Product and Solutions
- Table 93. Starpower Semiconductors for Electric Vehicle Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 94. Starpower Recent Developments and Future Plans
- Table 95. GigaDevice Company Information, Head Office, and Major Competitors
- Table 96. GigaDevice Major Business
- Table 97. GigaDevice Semiconductors for Electric Vehicle Product and Solutions
- Table 98. GigaDevice Semiconductors for Electric Vehicle Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 99. GigaDevice Recent Developments and Future Plans
- Table 100. Horizon Robotics Company Information, Head Office, and Major Competitors
- Table 101. Horizon Robotics Major Business
- Table 102. Horizon Robotics Semiconductors for Electric Vehicle Product and Solutions
- Table 103. Horizon Robotics Semiconductors for Electric Vehicle Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 104. Horizon Robotics Recent Developments and Future Plans
- Table 105. Global Semiconductors for Electric Vehicle Revenue (USD Million) by Players (2019-2024)
- Table 106. Global Semiconductors for Electric Vehicle Revenue Share by Players (2019-2024)
- Table 107. Breakdown of Semiconductors for Electric Vehicle by Company Type (Tier 1, Tier 2, and Tier 3)
- Table 108. Market Position of Players in Semiconductors for Electric Vehicle, (Tier 1,

Tier 2, and Tier 3), Based on Revenue in 2023

Table 109. Head Office of Key Semiconductors for Electric Vehicle Players

Table 110. Semiconductors for Electric Vehicle Market: Company Product Type Footprint

Table 111. Semiconductors for Electric Vehicle Market: Company Product Application Footprint

Table 112. Semiconductors for Electric Vehicle New Market Entrants and Barriers to Market Entry

Table 113. Semiconductors for Electric Vehicle Mergers, Acquisition, Agreements, and Collaborations

Table 114. Global Semiconductors for Electric Vehicle Consumption Value (USD Million) by Type (2019-2024)

Table 115. Global Semiconductors for Electric Vehicle Consumption Value Share by Type (2019-2024)

Table 116. Global Semiconductors for Electric Vehicle Consumption Value Forecast by Type (2025-2030)

Table 117. Global Semiconductors for Electric Vehicle Consumption Value by Application (2019-2024)

Table 118. Global Semiconductors for Electric Vehicle Consumption Value Forecast by Application (2025-2030)

Table 119. North America Semiconductors for Electric Vehicle Consumption Value by Type (2019-2024) & (USD Million)

Table 120. North America Semiconductors for Electric Vehicle Consumption Value by Type (2025-2030) & (USD Million)

Table 121. North America Semiconductors for Electric Vehicle Consumption Value by Application (2019-2024) & (USD Million)

Table 122. North America Semiconductors for Electric Vehicle Consumption Value by Application (2025-2030) & (USD Million)

Table 123. North America Semiconductors for Electric Vehicle Consumption Value by Country (2019-2024) & (USD Million)

Table 124. North America Semiconductors for Electric Vehicle Consumption Value by Country (2025-2030) & (USD Million)

Table 125. Europe Semiconductors for Electric Vehicle Consumption Value by Type (2019-2024) & (USD Million)

Table 126. Europe Semiconductors for Electric Vehicle Consumption Value by Type (2025-2030) & (USD Million)

Table 127. Europe Semiconductors for Electric Vehicle Consumption Value by Application (2019-2024) & (USD Million)

Table 128. Europe Semiconductors for Electric Vehicle Consumption Value by

Application (2025-2030) & (USD Million)

Table 129. Europe Semiconductors for Electric Vehicle Consumption Value by Country (2019-2024) & (USD Million)

Table 130. Europe Semiconductors for Electric Vehicle Consumption Value by Country (2025-2030) & (USD Million)

Table 131. Asia-Pacific Semiconductors for Electric Vehicle Consumption Value by Type (2019-2024) & (USD Million)

Table 132. Asia-Pacific Semiconductors for Electric Vehicle Consumption Value by Type (2025-2030) & (USD Million)

Table 133. Asia-Pacific Semiconductors for Electric Vehicle Consumption Value by Application (2019-2024) & (USD Million)

Table 134. Asia-Pacific Semiconductors for Electric Vehicle Consumption Value by Application (2025-2030) & (USD Million)

Table 135. Asia-Pacific Semiconductors for Electric Vehicle Consumption Value by Region (2019-2024) & (USD Million)

Table 136. Asia-Pacific Semiconductors for Electric Vehicle Consumption Value by Region (2025-2030) & (USD Million)

Table 137. South America Semiconductors for Electric Vehicle Consumption Value by Type (2019-2024) & (USD Million)

Table 138. South America Semiconductors for Electric Vehicle Consumption Value by Type (2025-2030) & (USD Million)

Table 139. South America Semiconductors for Electric Vehicle Consumption Value by Application (2019-2024) & (USD Million)

Table 140. South America Semiconductors for Electric Vehicle Consumption Value by Application (2025-2030) & (USD Million)

Table 141. South America Semiconductors for Electric Vehicle Consumption Value by Country (2019-2024) & (USD Million)

Table 142. South America Semiconductors for Electric Vehicle Consumption Value by Country (2025-2030) & (USD Million)

Table 143. Middle East & Africa Semiconductors for Electric Vehicle Consumption Value by Type (2019-2024) & (USD Million)

Table 144. Middle East & Africa Semiconductors for Electric Vehicle Consumption Value by Type (2025-2030) & (USD Million)

Table 145. Middle East & Africa Semiconductors for Electric Vehicle Consumption Value by Application (2019-2024) & (USD Million)

Table 146. Middle East & Africa Semiconductors for Electric Vehicle Consumption Value by Application (2025-2030) & (USD Million)

Table 147. Middle East & Africa Semiconductors for Electric Vehicle Consumption Value by Country (2019-2024) & (USD Million)

Table 148. Middle East & Africa Semiconductors for Electric Vehicle Consumption Value by Country (2025-2030) & (USD Million)

Table 149. Semiconductors for Electric Vehicle Raw Material

Table 150. Key Suppliers of Semiconductors for Electric Vehicle Raw Materials

List Of Figures

LIST OF FIGURES

- Figure 1. Semiconductors for Electric Vehicle Picture
- Figure 2. Global Semiconductors for Electric Vehicle Consumption Value by Type, (USD Million), 2019 & 2023 & 2030
- Figure 3. Global Semiconductors for Electric Vehicle Consumption Value Market Share by Type in 2023
- Figure 4. ASSP/ASIC
- Figure 5. Micro-Component IC
- Figure 6. Discrete
- Figure 7. Optoelectronics
- Figure 8. Nonoptical Sensors
- Figure 9. Memory IC
- Figure 10. Analog IC
- Figure 11. General-Purpose Logic IC
- Figure 12. Global Semiconductors for Electric Vehicle Consumption Value by Type, (USD Million), 2019 & 2023 & 2030
- Figure 13. Semiconductors for Electric Vehicle Consumption Value Market Share by Application in 2023
- Figure 14. Infotainment & Cluster Picture
- Figure 15. Body Picture
- Figure 16. ADAS Picture
- Figure 17. Chassis Picture
- Figure 18. Powertrain Picture
- Figure 19. Safety Picture
- Figure 20. Others Picture
- Figure 21. Global Semiconductors for Electric Vehicle Consumption Value, (USD Million): 2019 & 2023 & 2030
- Figure 22. Global Semiconductors for Electric Vehicle Consumption Value and Forecast (2019-2030) & (USD Million)
- Figure 23. Global Market Semiconductors for Electric Vehicle Consumption Value (USD Million) Comparison by Region (2019 & 2023 & 2030)
- Figure 24. Global Semiconductors for Electric Vehicle Consumption Value Market Share by Region (2019-2030)
- Figure 25. Global Semiconductors for Electric Vehicle Consumption Value Market Share by Region in 2023
- Figure 26. North America Semiconductors for Electric Vehicle Consumption Value

(2019-2030) & (USD Million)

Figure 27. Europe Semiconductors for Electric Vehicle Consumption Value (2019-2030) & (USD Million)

Figure 28. Asia-Pacific Semiconductors for Electric Vehicle Consumption Value (2019-2030) & (USD Million)

Figure 29. South America Semiconductors for Electric Vehicle Consumption Value (2019-2030) & (USD Million)

Figure 30. Middle East and Africa Semiconductors for Electric Vehicle Consumption Value (2019-2030) & (USD Million)

Figure 31. Global Semiconductors for Electric Vehicle Revenue Share by Players in 2023

Figure 32. Semiconductors for Electric Vehicle Market Share by Company Type (Tier 1, Tier 2 and Tier 3) in 2023

Figure 33. Global Top 3 Players Semiconductors for Electric Vehicle Market Share in 2023

Figure 34. Global Top 6 Players Semiconductors for Electric Vehicle Market Share in 2023

Figure 35. Global Semiconductors for Electric Vehicle Consumption Value Share by Type (2019-2024)

Figure 36. Global Semiconductors for Electric Vehicle Market Share Forecast by Type (2025-2030)

Figure 37. Global Semiconductors for Electric Vehicle Consumption Value Share by Application (2019-2024)

Figure 38. Global Semiconductors for Electric Vehicle Market Share Forecast by Application (2025-2030)

Figure 39. North America Semiconductors for Electric Vehicle Consumption Value Market Share by Type (2019-2030)

Figure 40. North America Semiconductors for Electric Vehicle Consumption Value Market Share by Application (2019-2030)

Figure 41. North America Semiconductors for Electric Vehicle Consumption Value Market Share by Country (2019-2030)

Figure 42. United States Semiconductors for Electric Vehicle Consumption Value (2019-2030) & (USD Million)

Figure 43. Canada Semiconductors for Electric Vehicle Consumption Value (2019-2030) & (USD Million)

Figure 44. Mexico Semiconductors for Electric Vehicle Consumption Value (2019-2030) & (USD Million)

Figure 45. Europe Semiconductors for Electric Vehicle Consumption Value Market Share by Type (2019-2030)

Figure 46. Europe Semiconductors for Electric Vehicle Consumption Value Market Share by Application (2019-2030)

Figure 47. Europe Semiconductors for Electric Vehicle Consumption Value Market Share by Country (2019-2030)

Figure 48. Germany Semiconductors for Electric Vehicle Consumption Value (2019-2030) & (USD Million)

Figure 49. France Semiconductors for Electric Vehicle Consumption Value (2019-2030) & (USD Million)

Figure 50. United Kingdom Semiconductors for Electric Vehicle Consumption Value (2019-2030) & (USD Million)

Figure 51. Russia Semiconductors for Electric Vehicle Consumption Value (2019-2030) & (USD Million)

Figure 52. Italy Semiconductors for Electric Vehicle Consumption Value (2019-2030) & (USD Million)

Figure 53. Asia-Pacific Semiconductors for Electric Vehicle Consumption Value Market Share by Type (2019-2030)

Figure 54. Asia-Pacific Semiconductors for Electric Vehicle Consumption Value Market Share by Application (2019-2030)

Figure 55. Asia-Pacific Semiconductors for Electric Vehicle Consumption Value Market Share by Region (2019-2030)

Figure 56. China Semiconductors for Electric Vehicle Consumption Value (2019-2030) & (USD Million)

Figure 57. Japan Semiconductors for Electric Vehicle Consumption Value (2019-2030) & (USD Million)

Figure 58. South Korea Semiconductors for Electric Vehicle Consumption Value (2019-2030) & (USD Million)

Figure 59. India Semiconductors for Electric Vehicle Consumption Value (2019-2030) & (USD Million)

Figure 60. Southeast Asia Semiconductors for Electric Vehicle Consumption Value (2019-2030) & (USD Million)

Figure 61. Australia Semiconductors for Electric Vehicle Consumption Value (2019-2030) & (USD Million)

Figure 62. South America Semiconductors for Electric Vehicle Consumption Value Market Share by Type (2019-2030)

Figure 63. South America Semiconductors for Electric Vehicle Consumption Value Market Share by Application (2019-2030)

Figure 64. South America Semiconductors for Electric Vehicle Consumption Value Market Share by Country (2019-2030)

Figure 65. Brazil Semiconductors for Electric Vehicle Consumption Value (2019-2030) &

(USD Million)

Figure 66. Argentina Semiconductors for Electric Vehicle Consumption Value (2019-2030) & (USD Million)

Figure 67. Middle East and Africa Semiconductors for Electric Vehicle Consumption Value Market Share by Type (2019-2030)

Figure 68. Middle East and Africa Semiconductors for Electric Vehicle Consumption Value Market Share by Application (2019-2030)

Figure 69. Middle East and Africa Semiconductors for Electric Vehicle Consumption Value Market Share by Country (2019-2030)

Figure 70. Turkey Semiconductors for Electric Vehicle Consumption Value (2019-2030) & (USD Million)

Figure 71. Saudi Arabia Semiconductors for Electric Vehicle Consumption Value (2019-2030) & (USD Million)

Figure 72. UAE Semiconductors for Electric Vehicle Consumption Value (2019-2030) & (USD Million)

Figure 73. Semiconductors for Electric Vehicle Market Drivers

Figure 74. Semiconductors for Electric Vehicle Market Restraints

Figure 75. Semiconductors for Electric Vehicle Market Trends

Figure 76. Porters Five Forces Analysis

Figure 77. Manufacturing Cost Structure Analysis of Semiconductors for Electric Vehicle in 2023

Figure 78. Manufacturing Process Analysis of Semiconductors for Electric Vehicle

Figure 79. Semiconductors for Electric Vehicle Industrial Chain

Figure 80. Methodology

Figure 81. Research Process and Data Source

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