

Global Automotive Motor Driver IC Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global Automotive Motor Driver IC market size was valued at US\$ 623 million in 2024 and is forecast to a readjusted size of USD 942 million by 2031 with a CAGR of 6.2% during review period.

Automotive is a key driver of this industry. According to data from the World Automobile Organization (OICA), global automobile production and sales in 2017 reached their peak in the past 10 years, at 97.3 million and 95.89 million respectively. In 2018, the global economic expansion ended, and the global auto market declined as a whole. In 2022, there will wear units 81.6 million vehicles in the world. At present, more than 90% of the world's automobiles are concentrated in the three continents of Asia, Europe and North America, of which Asia automobile production accounts for 56% of the world, Europe accounts for 20%, and North America accounts for 16%. The world major automobile producing countries include China, the United States, Japan, South Korea, Germany, India, Mexico, and other countries; among them, China is the largest automobile producing country in the world, accounting for about 32%. Japan is the world's largest car exporter, exporting more than 3.5 million vehicles in 2022.

This report is a detailed and comprehensive analysis for global Automotive Motor Driver IC market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Automotive Motor Driver IC market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Units), 2020-2031

Global Automotive Motor Driver IC market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Units), 2020-2031

Global Automotive Motor Driver IC market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Units), 2020-2031

Global Automotive Motor Driver IC market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Units), 2020-2025

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Automotive Motor Driver IC

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Automotive Motor Driver IC market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include ROHM Semiconductor, STMicroelectronics, Toshiba, Infineon Technologies, Onsemi, Sanken Electric, TI, Melexis, Microchip Technology, Diodes Incorporated, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Automotive Motor Driver IC market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

AC Asynchronous Motor Driver ICs

DC Motor Driver ICs

Permanent Magnet Synchronous Motor Driver ICs

Market segment by Application

Passenger Vehicle

Commercial Vehicle

Major players covered

ROHM Semiconductor

STMicroelectronics

Toshiba

Infineon Technologies

Onsemi

Sanken Electric

TI

Melexis

Microchip Technology

Diodes Incorporated

BYD Semiconductor

ZhiXin Semiconductor

Fortior Technology

Toll Microelectronic

Shanghai Analogy Semiconductor Technology

Allegro MicroSystems

Panasonic

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

Chapter 2, to profile the top manufacturers of Automotive Motor Driver IC, with price, sales quantity, revenue, and global market share of Automotive Motor Driver IC from 2020 to 2025.

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

Chapter 4, the Automotive Motor Driver IC breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

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 2020 to 2025. and Automotive Motor Driver IC market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

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 Automotive Motor Driver IC.

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

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Automotive Motor Driver IC Consumption Value by Type: 2020 Versus 2024 Versus 2031

1.3.2 AC Asynchronous Motor Driver ICs

1.3.3 DC Motor Driver ICs

1.3.4 Permanent Magnet Synchronous Motor Driver ICs

1.4 Market Analysis by Application

1.4.1 Overview: Global Automotive Motor Driver IC Consumption Value by Application: 2020 Versus 2024 Versus 2031

1.4.2 Passenger Vehicle

1.4.3 Commercial Vehicle

1.5 Global Automotive Motor Driver IC Market Size & Forecast

1.5.1 Global Automotive Motor Driver IC Consumption Value (2020 & 2024 & 2031)

1.5.2 Global Automotive Motor Driver IC Sales Quantity (2020-2031)

1.5.3 Global Automotive Motor Driver IC Average Price (2020-2031)

2 MANUFACTURERS PROFILES

2.1 ROHM Semiconductor

2.1.1 ROHM Semiconductor Details

2.1.2 ROHM Semiconductor Major Business

2.1.3 ROHM Semiconductor Automotive Motor Driver IC Product and Services

2.1.4 ROHM Semiconductor Automotive Motor Driver IC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.1.5 ROHM Semiconductor Recent Developments/Updates

2.2 STMicroelectronics

2.2.1 STMicroelectronics Details

2.2.2 STMicroelectronics Major Business

2.2.3 STMicroelectronics Automotive Motor Driver IC Product and Services

2.2.4 STMicroelectronics Automotive Motor Driver IC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.2.5 STMicroelectronics Recent Developments/Updates

2.3 Toshiba

- 2.3.1 Toshiba Details
- 2.3.2 Toshiba Major Business
- 2.3.3 Toshiba Automotive Motor Driver IC Product and Services
- 2.3.4 Toshiba Automotive Motor Driver IC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
- 2.3.5 Toshiba Recent Developments/Updates
- 2.4 Infineon Technologies
 - 2.4.1 Infineon Technologies Details
 - 2.4.2 Infineon Technologies Major Business
 - 2.4.3 Infineon Technologies Automotive Motor Driver IC Product and Services
 - 2.4.4 Infineon Technologies Automotive Motor Driver IC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.4.5 Infineon Technologies Recent Developments/Updates
- 2.5 Onsemi
 - 2.5.1 Onsemi Details
 - 2.5.2 Onsemi Major Business
 - 2.5.3 Onsemi Automotive Motor Driver IC Product and Services
 - 2.5.4 Onsemi Automotive Motor Driver IC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.5.5 Onsemi Recent Developments/Updates
- 2.6 Sanken Electric
 - 2.6.1 Sanken Electric Details
 - 2.6.2 Sanken Electric Major Business
 - 2.6.3 Sanken Electric Automotive Motor Driver IC Product and Services
 - 2.6.4 Sanken Electric Automotive Motor Driver IC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.6.5 Sanken Electric Recent Developments/Updates
- 2.7 TI
 - 2.7.1 TI Details
 - 2.7.2 TI Major Business
 - 2.7.3 TI Automotive Motor Driver IC Product and Services
 - 2.7.4 TI Automotive Motor Driver IC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.7.5 TI Recent Developments/Updates
- 2.8 Melexis
 - 2.8.1 Melexis Details
 - 2.8.2 Melexis Major Business
 - 2.8.3 Melexis Automotive Motor Driver IC Product and Services
 - 2.8.4 Melexis Automotive Motor Driver IC Sales Quantity, Average Price, Revenue,

Gross Margin and Market Share (2020-2025)

2.8.5 Melexis Recent Developments/Updates

2.9 Microchip Technology

2.9.1 Microchip Technology Details

2.9.2 Microchip Technology Major Business

2.9.3 Microchip Technology Automotive Motor Driver IC Product and Services

2.9.4 Microchip Technology Automotive Motor Driver IC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.9.5 Microchip Technology Recent Developments/Updates

2.10 Diodes Incorporated

2.10.1 Diodes Incorporated Details

2.10.2 Diodes Incorporated Major Business

2.10.3 Diodes Incorporated Automotive Motor Driver IC Product and Services

2.10.4 Diodes Incorporated Automotive Motor Driver IC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.10.5 Diodes Incorporated Recent Developments/Updates

2.11 BYD Semiconductor

2.11.1 BYD Semiconductor Details

2.11.2 BYD Semiconductor Major Business

2.11.3 BYD Semiconductor Automotive Motor Driver IC Product and Services

2.11.4 BYD Semiconductor Automotive Motor Driver IC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.11.5 BYD Semiconductor Recent Developments/Updates

2.12 ZhiXin Semiconductor

2.12.1 ZhiXin Semiconductor Details

2.12.2 ZhiXin Semiconductor Major Business

2.12.3 ZhiXin Semiconductor Automotive Motor Driver IC Product and Services

2.12.4 ZhiXin Semiconductor Automotive Motor Driver IC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.12.5 ZhiXin Semiconductor Recent Developments/Updates

2.13 Fortior Technology

2.13.1 Fortior Technology Details

2.13.2 Fortior Technology Major Business

2.13.3 Fortior Technology Automotive Motor Driver IC Product and Services

2.13.4 Fortior Technology Automotive Motor Driver IC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.13.5 Fortior Technology Recent Developments/Updates

2.14 Toll Microelectronic

2.14.1 Toll Microelectronic Details

- 2.14.2 Toll Microelectronic Major Business
- 2.14.3 Toll Microelectronic Automotive Motor Driver IC Product and Services
- 2.14.4 Toll Microelectronic Automotive Motor Driver IC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
- 2.14.5 Toll Microelectronic Recent Developments/Updates
- 2.15 Shanghai Analogy Semiconductor Technology
 - 2.15.1 Shanghai Analogy Semiconductor Technology Details
 - 2.15.2 Shanghai Analogy Semiconductor Technology Major Business
 - 2.15.3 Shanghai Analogy Semiconductor Technology Automotive Motor Driver IC Product and Services
 - 2.15.4 Shanghai Analogy Semiconductor Technology Automotive Motor Driver IC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.15.5 Shanghai Analogy Semiconductor Technology Recent Developments/Updates
- 2.16 Allegro MicroSystems
 - 2.16.1 Allegro MicroSystems Details
 - 2.16.2 Allegro MicroSystems Major Business
 - 2.16.3 Allegro MicroSystems Automotive Motor Driver IC Product and Services
 - 2.16.4 Allegro MicroSystems Automotive Motor Driver IC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.16.5 Allegro MicroSystems Recent Developments/Updates
- 2.17 Panasonic
 - 2.17.1 Panasonic Details
 - 2.17.2 Panasonic Major Business
 - 2.17.3 Panasonic Automotive Motor Driver IC Product and Services
 - 2.17.4 Panasonic Automotive Motor Driver IC Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.17.5 Panasonic Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: AUTOMOTIVE MOTOR DRIVER IC BY MANUFACTURER

- 3.1 Global Automotive Motor Driver IC Sales Quantity by Manufacturer (2020-2025)
- 3.2 Global Automotive Motor Driver IC Revenue by Manufacturer (2020-2025)
- 3.3 Global Automotive Motor Driver IC Average Price by Manufacturer (2020-2025)
- 3.4 Market Share Analysis (2024)
 - 3.4.1 Producer Shipments of Automotive Motor Driver IC by Manufacturer Revenue (\$MM) and Market Share (%): 2024
 - 3.4.2 Top 3 Automotive Motor Driver IC Manufacturer Market Share in 2024
 - 3.4.3 Top 6 Automotive Motor Driver IC Manufacturer Market Share in 2024

- 3.5 Automotive Motor Driver IC Market: Overall Company Footprint Analysis
 - 3.5.1 Automotive Motor Driver IC Market: Region Footprint
 - 3.5.2 Automotive Motor Driver IC Market: Company Product Type Footprint
 - 3.5.3 Automotive Motor Driver IC 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 Automotive Motor Driver IC Market Size by Region
 - 4.1.1 Global Automotive Motor Driver IC Sales Quantity by Region (2020-2031)
 - 4.1.2 Global Automotive Motor Driver IC Consumption Value by Region (2020-2031)
 - 4.1.3 Global Automotive Motor Driver IC Average Price by Region (2020-2031)
- 4.2 North America Automotive Motor Driver IC Consumption Value (2020-2031)
- 4.3 Europe Automotive Motor Driver IC Consumption Value (2020-2031)
- 4.4 Asia-Pacific Automotive Motor Driver IC Consumption Value (2020-2031)
- 4.5 South America Automotive Motor Driver IC Consumption Value (2020-2031)
- 4.6 Middle East & Africa Automotive Motor Driver IC Consumption Value (2020-2031)

5 MARKET SEGMENT BY TYPE

- 5.1 Global Automotive Motor Driver IC Sales Quantity by Type (2020-2031)
- 5.2 Global Automotive Motor Driver IC Consumption Value by Type (2020-2031)
- 5.3 Global Automotive Motor Driver IC Average Price by Type (2020-2031)

6 MARKET SEGMENT BY APPLICATION

- 6.1 Global Automotive Motor Driver IC Sales Quantity by Application (2020-2031)
- 6.2 Global Automotive Motor Driver IC Consumption Value by Application (2020-2031)
- 6.3 Global Automotive Motor Driver IC Average Price by Application (2020-2031)

7 NORTH AMERICA

- 7.1 North America Automotive Motor Driver IC Sales Quantity by Type (2020-2031)
- 7.2 North America Automotive Motor Driver IC Sales Quantity by Application (2020-2031)
- 7.3 North America Automotive Motor Driver IC Market Size by Country
 - 7.3.1 North America Automotive Motor Driver IC Sales Quantity by Country (2020-2031)

7.3.2 North America Automotive Motor Driver IC Consumption Value by Country (2020-2031)

7.3.3 United States Market Size and Forecast (2020-2031)

7.3.4 Canada Market Size and Forecast (2020-2031)

7.3.5 Mexico Market Size and Forecast (2020-2031)

8 EUROPE

8.1 Europe Automotive Motor Driver IC Sales Quantity by Type (2020-2031)

8.2 Europe Automotive Motor Driver IC Sales Quantity by Application (2020-2031)

8.3 Europe Automotive Motor Driver IC Market Size by Country

8.3.1 Europe Automotive Motor Driver IC Sales Quantity by Country (2020-2031)

8.3.2 Europe Automotive Motor Driver IC Consumption Value by Country (2020-2031)

8.3.3 Germany Market Size and Forecast (2020-2031)

8.3.4 France Market Size and Forecast (2020-2031)

8.3.5 United Kingdom Market Size and Forecast (2020-2031)

8.3.6 Russia Market Size and Forecast (2020-2031)

8.3.7 Italy Market Size and Forecast (2020-2031)

9 ASIA-PACIFIC

9.1 Asia-Pacific Automotive Motor Driver IC Sales Quantity by Type (2020-2031)

9.2 Asia-Pacific Automotive Motor Driver IC Sales Quantity by Application (2020-2031)

9.3 Asia-Pacific Automotive Motor Driver IC Market Size by Region

9.3.1 Asia-Pacific Automotive Motor Driver IC Sales Quantity by Region (2020-2031)

9.3.2 Asia-Pacific Automotive Motor Driver IC Consumption Value by Region (2020-2031)

9.3.3 China Market Size and Forecast (2020-2031)

9.3.4 Japan Market Size and Forecast (2020-2031)

9.3.5 South Korea Market Size and Forecast (2020-2031)

9.3.6 India Market Size and Forecast (2020-2031)

9.3.7 Southeast Asia Market Size and Forecast (2020-2031)

9.3.8 Australia Market Size and Forecast (2020-2031)

10 SOUTH AMERICA

10.1 South America Automotive Motor Driver IC Sales Quantity by Type (2020-2031)

10.2 South America Automotive Motor Driver IC Sales Quantity by Application (2020-2031)

10.3 South America Automotive Motor Driver IC Market Size by Country

10.3.1 South America Automotive Motor Driver IC Sales Quantity by Country
(2020-2031)

10.3.2 South America Automotive Motor Driver IC Consumption Value by Country
(2020-2031)

10.3.3 Brazil Market Size and Forecast (2020-2031)

10.3.4 Argentina Market Size and Forecast (2020-2031)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Automotive Motor Driver IC Sales Quantity by Type
(2020-2031)

11.2 Middle East & Africa Automotive Motor Driver IC Sales Quantity by Application
(2020-2031)

11.3 Middle East & Africa Automotive Motor Driver IC Market Size by Country

11.3.1 Middle East & Africa Automotive Motor Driver IC Sales Quantity by Country
(2020-2031)

11.3.2 Middle East & Africa Automotive Motor Driver IC Consumption Value by
Country (2020-2031)

11.3.3 Turkey Market Size and Forecast (2020-2031)

11.3.4 Egypt Market Size and Forecast (2020-2031)

11.3.5 Saudi Arabia Market Size and Forecast (2020-2031)

11.3.6 South Africa Market Size and Forecast (2020-2031)

12 MARKET DYNAMICS

12.1 Automotive Motor Driver IC Market Drivers

12.2 Automotive Motor Driver IC Market Restraints

12.3 Automotive Motor Driver IC 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 Automotive Motor Driver IC and Key Manufacturers

13.2 Manufacturing Costs Percentage of Automotive Motor Driver IC

13.3 Automotive Motor Driver IC Production Process

13.4 Industry Value Chain Analysis

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Automotive Motor Driver IC Typical Distributors

14.3 Automotive Motor Driver IC 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 Automotive Motor Driver IC Consumption Value by Type, (USD Million), 2020 & 2024 & 2031
- Table 2. Global Automotive Motor Driver IC Consumption Value by Application, (USD Million), 2020 & 2024 & 2031
- Table 3. ROHM Semiconductor Basic Information, Manufacturing Base and Competitors
- Table 4. ROHM Semiconductor Major Business
- Table 5. ROHM Semiconductor Automotive Motor Driver IC Product and Services
- Table 6. ROHM Semiconductor Automotive Motor Driver IC Sales Quantity (K Units), Average Price (US\$/Units), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 7. ROHM Semiconductor Recent Developments/Updates
- Table 8. STMicroelectronics Basic Information, Manufacturing Base and Competitors
- Table 9. STMicroelectronics Major Business
- Table 10. STMicroelectronics Automotive Motor Driver IC Product and Services
- Table 11. STMicroelectronics Automotive Motor Driver IC Sales Quantity (K Units), Average Price (US\$/Units), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 12. STMicroelectronics Recent Developments/Updates
- Table 13. Toshiba Basic Information, Manufacturing Base and Competitors
- Table 14. Toshiba Major Business
- Table 15. Toshiba Automotive Motor Driver IC Product and Services
- Table 16. Toshiba Automotive Motor Driver IC Sales Quantity (K Units), Average Price (US\$/Units), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 17. Toshiba Recent Developments/Updates
- Table 18. Infineon Technologies Basic Information, Manufacturing Base and Competitors
- Table 19. Infineon Technologies Major Business
- Table 20. Infineon Technologies Automotive Motor Driver IC Product and Services
- Table 21. Infineon Technologies Automotive Motor Driver IC Sales Quantity (K Units), Average Price (US\$/Units), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 22. Infineon Technologies Recent Developments/Updates
- Table 23. Onsemi Basic Information, Manufacturing Base and Competitors
- Table 24. Onsemi Major Business
- Table 25. Onsemi Automotive Motor Driver IC Product and Services

Table 26. Onsemi Automotive Motor Driver IC Sales Quantity (K Units), Average Price (US\$/Units), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 27. Onsemi Recent Developments/Updates

Table 28. Sanken Electric Basic Information, Manufacturing Base and Competitors

Table 29. Sanken Electric Major Business

Table 30. Sanken Electric Automotive Motor Driver IC Product and Services

Table 31. Sanken Electric Automotive Motor Driver IC Sales Quantity (K Units), Average Price (US\$/Units), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 32. Sanken Electric Recent Developments/Updates

Table 33. TI Basic Information, Manufacturing Base and Competitors

Table 34. TI Major Business

Table 35. TI Automotive Motor Driver IC Product and Services

Table 36. TI Automotive Motor Driver IC Sales Quantity (K Units), Average Price (US\$/Units), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 37. TI Recent Developments/Updates

Table 38. Melexis Basic Information, Manufacturing Base and Competitors

Table 39. Melexis Major Business

Table 40. Melexis Automotive Motor Driver IC Product and Services

Table 41. Melexis Automotive Motor Driver IC Sales Quantity (K Units), Average Price (US\$/Units), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 42. Melexis Recent Developments/Updates

Table 43. Microchip Technology Basic Information, Manufacturing Base and Competitors

Table 44. Microchip Technology Major Business

Table 45. Microchip Technology Automotive Motor Driver IC Product and Services

Table 46. Microchip Technology Automotive Motor Driver IC Sales Quantity (K Units), Average Price (US\$/Units), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 47. Microchip Technology Recent Developments/Updates

Table 48. Diodes Incorporated Basic Information, Manufacturing Base and Competitors

Table 49. Diodes Incorporated Major Business

Table 50. Diodes Incorporated Automotive Motor Driver IC Product and Services

Table 51. Diodes Incorporated Automotive Motor Driver IC Sales Quantity (K Units), Average Price (US\$/Units), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 52. Diodes Incorporated Recent Developments/Updates

Table 53. BYD Semiconductor Basic Information, Manufacturing Base and Competitors

Table 54. BYD Semiconductor Major Business

Table 55. BYD Semiconductor Automotive Motor Driver IC Product and Services

Table 56. BYD Semiconductor Automotive Motor Driver IC Sales Quantity (K Units), Average Price (US\$/Units), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 57. BYD Semiconductor Recent Developments/Updates

Table 58. ZhiXin Semiconductor Basic Information, Manufacturing Base and Competitors

Table 59. ZhiXin Semiconductor Major Business

Table 60. ZhiXin Semiconductor Automotive Motor Driver IC Product and Services

Table 61. ZhiXin Semiconductor Automotive Motor Driver IC Sales Quantity (K Units), Average Price (US\$/Units), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 62. ZhiXin Semiconductor Recent Developments/Updates

Table 63. Fortior Technology Basic Information, Manufacturing Base and Competitors

Table 64. Fortior Technology Major Business

Table 65. Fortior Technology Automotive Motor Driver IC Product and Services

Table 66. Fortior Technology Automotive Motor Driver IC Sales Quantity (K Units), Average Price (US\$/Units), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 67. Fortior Technology Recent Developments/Updates

Table 68. Toll Microelectronic Basic Information, Manufacturing Base and Competitors

Table 69. Toll Microelectronic Major Business

Table 70. Toll Microelectronic Automotive Motor Driver IC Product and Services

Table 71. Toll Microelectronic Automotive Motor Driver IC Sales Quantity (K Units), Average Price (US\$/Units), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 72. Toll Microelectronic Recent Developments/Updates

Table 73. Shanghai Analogy Semiconductor Technology Basic Information, Manufacturing Base and Competitors

Table 74. Shanghai Analogy Semiconductor Technology Major Business

Table 75. Shanghai Analogy Semiconductor Technology Automotive Motor Driver IC Product and Services

Table 76. Shanghai Analogy Semiconductor Technology Automotive Motor Driver IC Sales Quantity (K Units), Average Price (US\$/Units), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 77. Shanghai Analogy Semiconductor Technology Recent Developments/Updates

Table 78. Allegro MicroSystems Basic Information, Manufacturing Base and Competitors

Table 79. Allegro MicroSystems Major Business

Table 80. Allegro MicroSystems Automotive Motor Driver IC Product and Services

Table 81. Allegro MicroSystems Automotive Motor Driver IC Sales Quantity (K Units), Average Price (US\$/Units), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 82. Allegro MicroSystems Recent Developments/Updates

Table 83. Panasonic Basic Information, Manufacturing Base and Competitors

Table 84. Panasonic Major Business

Table 85. Panasonic Automotive Motor Driver IC Product and Services

Table 86. Panasonic Automotive Motor Driver IC Sales Quantity (K Units), Average Price (US\$/Units), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 87. Panasonic Recent Developments/Updates

Table 88. Global Automotive Motor Driver IC Sales Quantity by Manufacturer (2020-2025) & (K Units)

Table 89. Global Automotive Motor Driver IC Revenue by Manufacturer (2020-2025) & (USD Million)

Table 90. Global Automotive Motor Driver IC Average Price by Manufacturer (2020-2025) & (US\$/Units)

Table 91. Market Position of Manufacturers in Automotive Motor Driver IC, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2024

Table 92. Head Office and Automotive Motor Driver IC Production Site of Key Manufacturer

Table 93. Automotive Motor Driver IC Market: Company Product Type Footprint

Table 94. Automotive Motor Driver IC Market: Company Product Application Footprint

Table 95. Automotive Motor Driver IC New Market Entrants and Barriers to Market Entry

Table 96. Automotive Motor Driver IC Mergers, Acquisition, Agreements, and Collaborations

Table 97. Global Automotive Motor Driver IC Consumption Value by Region (2020-2024-2031) & (USD Million) & CAGR

Table 98. Global Automotive Motor Driver IC Sales Quantity by Region (2020-2025) & (K Units)

Table 99. Global Automotive Motor Driver IC Sales Quantity by Region (2026-2031) & (K Units)

Table 100. Global Automotive Motor Driver IC Consumption Value by Region (2020-2025) & (USD Million)

Table 101. Global Automotive Motor Driver IC Consumption Value by Region (2026-2031) & (USD Million)

Table 102. Global Automotive Motor Driver IC Average Price by Region (2020-2025) & (US\$/Units)

Table 103. Global Automotive Motor Driver IC Average Price by Region (2026-2031) &

(US\$/Units)

Table 104. Global Automotive Motor Driver IC Sales Quantity by Type (2020-2025) & (K Units)

Table 105. Global Automotive Motor Driver IC Sales Quantity by Type (2026-2031) & (K Units)

Table 106. Global Automotive Motor Driver IC Consumption Value by Type (2020-2025) & (USD Million)

Table 107. Global Automotive Motor Driver IC Consumption Value by Type (2026-2031) & (USD Million)

Table 108. Global Automotive Motor Driver IC Average Price by Type (2020-2025) & (US\$/Units)

Table 109. Global Automotive Motor Driver IC Average Price by Type (2026-2031) & (US\$/Units)

Table 110. Global Automotive Motor Driver IC Sales Quantity by Application (2020-2025) & (K Units)

Table 111. Global Automotive Motor Driver IC Sales Quantity by Application (2026-2031) & (K Units)

Table 112. Global Automotive Motor Driver IC Consumption Value by Application (2020-2025) & (USD Million)

Table 113. Global Automotive Motor Driver IC Consumption Value by Application (2026-2031) & (USD Million)

Table 114. Global Automotive Motor Driver IC Average Price by Application (2020-2025) & (US\$/Units)

Table 115. Global Automotive Motor Driver IC Average Price by Application (2026-2031) & (US\$/Units)

Table 116. North America Automotive Motor Driver IC Sales Quantity by Type (2020-2025) & (K Units)

Table 117. North America Automotive Motor Driver IC Sales Quantity by Type (2026-2031) & (K Units)

Table 118. North America Automotive Motor Driver IC Sales Quantity by Application (2020-2025) & (K Units)

Table 119. North America Automotive Motor Driver IC Sales Quantity by Application (2026-2031) & (K Units)

Table 120. North America Automotive Motor Driver IC Sales Quantity by Country (2020-2025) & (K Units)

Table 121. North America Automotive Motor Driver IC Sales Quantity by Country (2026-2031) & (K Units)

Table 122. North America Automotive Motor Driver IC Consumption Value by Country (2020-2025) & (USD Million)

Table 123. North America Automotive Motor Driver IC Consumption Value by Country (2026-2031) & (USD Million)

Table 124. Europe Automotive Motor Driver IC Sales Quantity by Type (2020-2025) & (K Units)

Table 125. Europe Automotive Motor Driver IC Sales Quantity by Type (2026-2031) & (K Units)

Table 126. Europe Automotive Motor Driver IC Sales Quantity by Application (2020-2025) & (K Units)

Table 127. Europe Automotive Motor Driver IC Sales Quantity by Application (2026-2031) & (K Units)

Table 128. Europe Automotive Motor Driver IC Sales Quantity by Country (2020-2025) & (K Units)

Table 129. Europe Automotive Motor Driver IC Sales Quantity by Country (2026-2031) & (K Units)

Table 130. Europe Automotive Motor Driver IC Consumption Value by Country (2020-2025) & (USD Million)

Table 131. Europe Automotive Motor Driver IC Consumption Value by Country (2026-2031) & (USD Million)

Table 132. Asia-Pacific Automotive Motor Driver IC Sales Quantity by Type (2020-2025) & (K Units)

Table 133. Asia-Pacific Automotive Motor Driver IC Sales Quantity by Type (2026-2031) & (K Units)

Table 134. Asia-Pacific Automotive Motor Driver IC Sales Quantity by Application (2020-2025) & (K Units)

Table 135. Asia-Pacific Automotive Motor Driver IC Sales Quantity by Application (2026-2031) & (K Units)

Table 136. Asia-Pacific Automotive Motor Driver IC Sales Quantity by Region (2020-2025) & (K Units)

Table 137. Asia-Pacific Automotive Motor Driver IC Sales Quantity by Region (2026-2031) & (K Units)

Table 138. Asia-Pacific Automotive Motor Driver IC Consumption Value by Region (2020-2025) & (USD Million)

Table 139. Asia-Pacific Automotive Motor Driver IC Consumption Value by Region (2026-2031) & (USD Million)

Table 140. South America Automotive Motor Driver IC Sales Quantity by Type (2020-2025) & (K Units)

Table 141. South America Automotive Motor Driver IC Sales Quantity by Type (2026-2031) & (K Units)

Table 142. South America Automotive Motor Driver IC Sales Quantity by Application

(2020-2025) & (K Units)

Table 143. South America Automotive Motor Driver IC Sales Quantity by Application
(2026-2031) & (K Units)

Table 144. South America Automotive Motor Driver IC Sales Quantity by Country
(2020-2025) & (K Units)

Table 145. South America Automotive Motor Driver IC Sales Quantity by Country
(2026-2031) & (K Units)

Table 146. South America Automotive Motor Driver IC Consumption Value by Country
(2020-2025) & (USD Million)

Table 147. South America Automotive Motor Driver IC Consumption Value by Country
(2026-2031) & (USD Million)

Table 148. Middle East & Africa Automotive Motor Driver IC Sales Quantity by Type
(2020-2025) & (K Units)

Table 149. Middle East & Africa Automotive Motor Driver IC Sales Quantity by Type
(2026-2031) & (K Units)

Table 150. Middle East & Africa Automotive Motor Driver IC Sales Quantity by
Application (2020-2025) & (K Units)

Table 151. Middle East & Africa Automotive Motor Driver IC Sales Quantity by
Application (2026-2031) & (K Units)

Table 152. Middle East & Africa Automotive Motor Driver IC Sales Quantity by Country
(2020-2025) & (K Units)

Table 153. Middle East & Africa Automotive Motor Driver IC Sales Quantity by Country
(2026-2031) & (K Units)

Table 154. Middle East & Africa Automotive Motor Driver IC Consumption Value by
Country (2020-2025) & (USD Million)

Table 155. Middle East & Africa Automotive Motor Driver IC Consumption Value by
Country (2026-2031) & (USD Million)

Table 156. Automotive Motor Driver IC Raw Material

Table 157. Key Manufacturers of Automotive Motor Driver IC Raw Materials

Table 158. Automotive Motor Driver IC Typical Distributors

Table 159. Automotive Motor Driver IC Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. Automotive Motor Driver IC Picture

Figure 2. Global Automotive Motor Driver IC Revenue by Type, (USD Million), 2020 & 2024 & 2031

Figure 3. Global Automotive Motor Driver IC Revenue Market Share by Type in 2024

Figure 4. AC Asynchronous Motor Driver ICs Examples

Figure 5. DC Motor Driver ICs Examples

Figure 6. Permanent Magnet Synchronous Motor Driver ICs Examples

Figure 7. Global Automotive Motor Driver IC Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Figure 8. Global Automotive Motor Driver IC Revenue Market Share by Application in 2024

Figure 9. Passenger Vehicle Examples

Figure 10. Commercial Vehicle Examples

Figure 11. Global Automotive Motor Driver IC Consumption Value, (USD Million): 2020 & 2024 & 2031

Figure 12. Global Automotive Motor Driver IC Consumption Value and Forecast (2020-2031) & (USD Million)

Figure 13. Global Automotive Motor Driver IC Sales Quantity (2020-2031) & (K Units)

Figure 14. Global Automotive Motor Driver IC Price (2020-2031) & (US\$/Units)

Figure 15. Global Automotive Motor Driver IC Sales Quantity Market Share by Manufacturer in 2024

Figure 16. Global Automotive Motor Driver IC Revenue Market Share by Manufacturer in 2024

Figure 17. Producer Shipments of Automotive Motor Driver IC by Manufacturer Sales (\$MM) and Market Share (%): 2024

Figure 18. Top 3 Automotive Motor Driver IC Manufacturer (Revenue) Market Share in 2024

Figure 19. Top 6 Automotive Motor Driver IC Manufacturer (Revenue) Market Share in 2024

Figure 20. Global Automotive Motor Driver IC Sales Quantity Market Share by Region (2020-2031)

Figure 21. Global Automotive Motor Driver IC Consumption Value Market Share by Region (2020-2031)

Figure 22. North America Automotive Motor Driver IC Consumption Value (2020-2031) & (USD Million)

Figure 23. Europe Automotive Motor Driver IC Consumption Value (2020-2031) & (USD Million)

Figure 24. Asia-Pacific Automotive Motor Driver IC Consumption Value (2020-2031) & (USD Million)

Figure 25. South America Automotive Motor Driver IC Consumption Value (2020-2031) & (USD Million)

Figure 26. Middle East & Africa Automotive Motor Driver IC Consumption Value (2020-2031) & (USD Million)

Figure 27. Global Automotive Motor Driver IC Sales Quantity Market Share by Type (2020-2031)

Figure 28. Global Automotive Motor Driver IC Consumption Value Market Share by Type (2020-2031)

Figure 29. Global Automotive Motor Driver IC Average Price by Type (2020-2031) & (US\$/Units)

Figure 30. Global Automotive Motor Driver IC Sales Quantity Market Share by Application (2020-2031)

Figure 31. Global Automotive Motor Driver IC Revenue Market Share by Application (2020-2031)

Figure 32. Global Automotive Motor Driver IC Average Price by Application (2020-2031) & (US\$/Units)

Figure 33. North America Automotive Motor Driver IC Sales Quantity Market Share by Type (2020-2031)

Figure 34. North America Automotive Motor Driver IC Sales Quantity Market Share by Application (2020-2031)

Figure 35. North America Automotive Motor Driver IC Sales Quantity Market Share by Country (2020-2031)

Figure 36. North America Automotive Motor Driver IC Consumption Value Market Share by Country (2020-2031)

Figure 37. United States Automotive Motor Driver IC Consumption Value (2020-2031) & (USD Million)

Figure 38. Canada Automotive Motor Driver IC Consumption Value (2020-2031) & (USD Million)

Figure 39. Mexico Automotive Motor Driver IC Consumption Value (2020-2031) & (USD Million)

Figure 40. Europe Automotive Motor Driver IC Sales Quantity Market Share by Type (2020-2031)

Figure 41. Europe Automotive Motor Driver IC Sales Quantity Market Share by Application (2020-2031)

Figure 42. Europe Automotive Motor Driver IC Sales Quantity Market Share by Country

(2020-2031)

Figure 43. Europe Automotive Motor Driver IC Consumption Value Market Share by Country (2020-2031)

Figure 44. Germany Automotive Motor Driver IC Consumption Value (2020-2031) & (USD Million)

Figure 45. France Automotive Motor Driver IC Consumption Value (2020-2031) & (USD Million)

Figure 46. United Kingdom Automotive Motor Driver IC Consumption Value (2020-2031) & (USD Million)

Figure 47. Russia Automotive Motor Driver IC Consumption Value (2020-2031) & (USD Million)

Figure 48. Italy Automotive Motor Driver IC Consumption Value (2020-2031) & (USD Million)

Figure 49. Asia-Pacific Automotive Motor Driver IC Sales Quantity Market Share by Type (2020-2031)

Figure 50. Asia-Pacific Automotive Motor Driver IC Sales Quantity Market Share by Application (2020-2031)

Figure 51. Asia-Pacific Automotive Motor Driver IC Sales Quantity Market Share by Region (2020-2031)

Figure 52. Asia-Pacific Automotive Motor Driver IC Consumption Value Market Share by Region (2020-2031)

Figure 53. China Automotive Motor Driver IC Consumption Value (2020-2031) & (USD Million)

Figure 54. Japan Automotive Motor Driver IC Consumption Value (2020-2031) & (USD Million)

Figure 55. South Korea Automotive Motor Driver IC Consumption Value (2020-2031) & (USD Million)

Figure 56. India Automotive Motor Driver IC Consumption Value (2020-2031) & (USD Million)

Figure 57. Southeast Asia Automotive Motor Driver IC Consumption Value (2020-2031) & (USD Million)

Figure 58. Australia Automotive Motor Driver IC Consumption Value (2020-2031) & (USD Million)

Figure 59. South America Automotive Motor Driver IC Sales Quantity Market Share by Type (2020-2031)

Figure 60. South America Automotive Motor Driver IC Sales Quantity Market Share by Application (2020-2031)

Figure 61. South America Automotive Motor Driver IC Sales Quantity Market Share by Country (2020-2031)

Figure 62. South America Automotive Motor Driver IC Consumption Value Market Share by Country (2020-2031)

Figure 63. Brazil Automotive Motor Driver IC Consumption Value (2020-2031) & (USD Million)

Figure 64. Argentina Automotive Motor Driver IC Consumption Value (2020-2031) & (USD Million)

Figure 65. Middle East & Africa Automotive Motor Driver IC Sales Quantity Market Share by Type (2020-2031)

Figure 66. Middle East & Africa Automotive Motor Driver IC Sales Quantity Market Share by Application (2020-2031)

Figure 67. Middle East & Africa Automotive Motor Driver IC Sales Quantity Market Share by Country (2020-2031)

Figure 68. Middle East & Africa Automotive Motor Driver IC Consumption Value Market Share by Country (2020-2031)

Figure 69. Turkey Automotive Motor Driver IC Consumption Value (2020-2031) & (USD Million)

Figure 70. Egypt Automotive Motor Driver IC Consumption Value (2020-2031) & (USD Million)

Figure 71. Saudi Arabia Automotive Motor Driver IC Consumption Value (2020-2031) & (USD Million)

Figure 72. South Africa Automotive Motor Driver IC Consumption Value (2020-2031) & (USD Million)

Figure 73. Automotive Motor Driver IC Market Drivers

Figure 74. Automotive Motor Driver IC Market Restraints

Figure 75. Automotive Motor Driver IC Market Trends

Figure 76. Porters Five Forces Analysis

Figure 77. Manufacturing Cost Structure Analysis of Automotive Motor Driver IC in 2024

Figure 78. Manufacturing Process Analysis of Automotive Motor Driver IC

Figure 79. Automotive Motor Driver IC Industrial Chain

Figure 80. Sales Channel: Direct to End-User vs Distributors

Figure 81. Direct Channel Pros & Cons

Figure 82. Indirect Channel Pros & Cons

Figure 83. Methodology

Figure 84. Research Process and Data Source

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