

Global Autonomous Vehicle Chips 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 Autonomous Vehicle Chips market size was valued at US\$ 2008 million in 2024 and is forecast to a readjusted size of USD 2866 million by 2031 with a CAGR of 5.3% 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 Autonomous Vehicle Chips 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 Autonomous Vehicle Chips market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Autonomous Vehicle Chips market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Autonomous Vehicle Chips market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Autonomous Vehicle Chips market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 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 Autonomous Vehicle Chips

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 Autonomous Vehicle Chips 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 NVIDIA Corporation, Qualcomm, Mobil eye, Intel Corporation, Tesla, Texas Instruments, Infineon, Renesas Electronics, Samsung, Waymo, etc.

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

Market Segmentation

Autonomous Vehicle Chips 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

Blind Spot Detection System

Automatic Emergency Breaking System

Smart Parking Assist System

Adaptive Cruise Control System

Lane Assist System

Crash Warning System

Market segment by Application

Commercial Vehicle

Passenger Car

Major players covered

NVIDIA Corporation

Qualcomm

Mobil eye

Intel Corporation

Tesla

Texas Instruments

Infineon

Renesas Electronics

Samsung

Waymo

Autotalks

Seimens

Xilinx

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 Autonomous Vehicle Chips product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Autonomous Vehicle Chips, with price, sales quantity, revenue, and global market share of Autonomous Vehicle Chips from 2020 to 2025.

Chapter 3, the Autonomous Vehicle Chips competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Autonomous Vehicle Chips 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 Autonomous Vehicle Chips 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 Autonomous Vehicle Chips.

Chapter 14 and 15, to describe Autonomous Vehicle Chips 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 Autonomous Vehicle Chips Consumption Value by Type: 2020 Versus 2024 Versus 2031

1.3.2 Blind Spot Detection System

1.3.3 Automatic Emergency Breaking System

1.3.4 Smart Parking Assist System

1.3.5 Adaptive Cruise Control System

1.3.6 Lane Assist System

1.3.7 Crash Warning System

1.4 Market Analysis by Application

1.4.1 Overview: Global Autonomous Vehicle Chips Consumption Value by Application: 2020 Versus 2024 Versus 2031

1.4.2 Commercial Vehicle

1.4.3 Passenger Car

1.5 Global Autonomous Vehicle Chips Market Size & Forecast

1.5.1 Global Autonomous Vehicle Chips Consumption Value (2020 & 2024 & 2031)

1.5.2 Global Autonomous Vehicle Chips Sales Quantity (2020-2031)

1.5.3 Global Autonomous Vehicle Chips Average Price (2020-2031)

2 MANUFACTURERS PROFILES

2.1 NVIDIA Corporation

2.1.1 NVIDIA Corporation Details

2.1.2 NVIDIA Corporation Major Business

2.1.3 NVIDIA Corporation Autonomous Vehicle Chips Product and Services

2.1.4 NVIDIA Corporation Autonomous Vehicle Chips Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.1.5 NVIDIA Corporation Recent Developments/Updates

2.2 Qualcomm

2.2.1 Qualcomm Details

2.2.2 Qualcomm Major Business

2.2.3 Qualcomm Autonomous Vehicle Chips Product and Services

2.2.4 Qualcomm Autonomous Vehicle Chips Sales Quantity, Average Price, Revenue,

Gross Margin and Market Share (2020-2025)

2.2.5 Qualcomm Recent Developments/Updates

2.3 Mobil eye

2.3.1 Mobil eye Details

2.3.2 Mobil eye Major Business

2.3.3 Mobil eye Autonomous Vehicle Chips Product and Services

2.3.4 Mobil eye Autonomous Vehicle Chips Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.3.5 Mobil eye Recent Developments/Updates

2.4 Intel Corporation

2.4.1 Intel Corporation Details

2.4.2 Intel Corporation Major Business

2.4.3 Intel Corporation Autonomous Vehicle Chips Product and Services

2.4.4 Intel Corporation Autonomous Vehicle Chips Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.4.5 Intel Corporation Recent Developments/Updates

2.5 Tesla

2.5.1 Tesla Details

2.5.2 Tesla Major Business

2.5.3 Tesla Autonomous Vehicle Chips Product and Services

2.5.4 Tesla Autonomous Vehicle Chips Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.5.5 Tesla Recent Developments/Updates

2.6 Texas Instruments

2.6.1 Texas Instruments Details

2.6.2 Texas Instruments Major Business

2.6.3 Texas Instruments Autonomous Vehicle Chips Product and Services

2.6.4 Texas Instruments Autonomous Vehicle Chips Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.6.5 Texas Instruments Recent Developments/Updates

2.7 Infineon

2.7.1 Infineon Details

2.7.2 Infineon Major Business

2.7.3 Infineon Autonomous Vehicle Chips Product and Services

2.7.4 Infineon Autonomous Vehicle Chips Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.7.5 Infineon Recent Developments/Updates

2.8 Renesas Electronics

2.8.1 Renesas Electronics Details

- 2.8.2 Renesas Electronics Major Business
- 2.8.3 Renesas Electronics Autonomous Vehicle Chips Product and Services
- 2.8.4 Renesas Electronics Autonomous Vehicle Chips Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
- 2.8.5 Renesas Electronics Recent Developments/Updates
- 2.9 Samsung
 - 2.9.1 Samsung Details
 - 2.9.2 Samsung Major Business
 - 2.9.3 Samsung Autonomous Vehicle Chips Product and Services
 - 2.9.4 Samsung Autonomous Vehicle Chips Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.9.5 Samsung Recent Developments/Updates
- 2.10 Waymo
 - 2.10.1 Waymo Details
 - 2.10.2 Waymo Major Business
 - 2.10.3 Waymo Autonomous Vehicle Chips Product and Services
 - 2.10.4 Waymo Autonomous Vehicle Chips Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.10.5 Waymo Recent Developments/Updates
- 2.11 Autotalks
 - 2.11.1 Autotalks Details
 - 2.11.2 Autotalks Major Business
 - 2.11.3 Autotalks Autonomous Vehicle Chips Product and Services
 - 2.11.4 Autotalks Autonomous Vehicle Chips Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.11.5 Autotalks Recent Developments/Updates
- 2.12 Seimens
 - 2.12.1 Seimens Details
 - 2.12.2 Seimens Major Business
 - 2.12.3 Seimens Autonomous Vehicle Chips Product and Services
 - 2.12.4 Seimens Autonomous Vehicle Chips Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.12.5 Seimens Recent Developments/Updates
- 2.13 Xilinx
 - 2.13.1 Xilinx Details
 - 2.13.2 Xilinx Major Business
 - 2.13.3 Xilinx Autonomous Vehicle Chips Product and Services
 - 2.13.4 Xilinx Autonomous Vehicle Chips Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.13.5 Xilinx Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: AUTONOMOUS VEHICLE CHIPS BY MANUFACTURER

- 3.1 Global Autonomous Vehicle Chips Sales Quantity by Manufacturer (2020-2025)
- 3.2 Global Autonomous Vehicle Chips Revenue by Manufacturer (2020-2025)
- 3.3 Global Autonomous Vehicle Chips Average Price by Manufacturer (2020-2025)
- 3.4 Market Share Analysis (2024)
 - 3.4.1 Producer Shipments of Autonomous Vehicle Chips by Manufacturer Revenue (\$MM) and Market Share (%): 2024
 - 3.4.2 Top 3 Autonomous Vehicle Chips Manufacturer Market Share in 2024
 - 3.4.3 Top 6 Autonomous Vehicle Chips Manufacturer Market Share in 2024
- 3.5 Autonomous Vehicle Chips Market: Overall Company Footprint Analysis
 - 3.5.1 Autonomous Vehicle Chips Market: Region Footprint
 - 3.5.2 Autonomous Vehicle Chips Market: Company Product Type Footprint
 - 3.5.3 Autonomous Vehicle Chips 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 Autonomous Vehicle Chips Market Size by Region
 - 4.1.1 Global Autonomous Vehicle Chips Sales Quantity by Region (2020-2031)
 - 4.1.2 Global Autonomous Vehicle Chips Consumption Value by Region (2020-2031)
 - 4.1.3 Global Autonomous Vehicle Chips Average Price by Region (2020-2031)
- 4.2 North America Autonomous Vehicle Chips Consumption Value (2020-2031)
- 4.3 Europe Autonomous Vehicle Chips Consumption Value (2020-2031)
- 4.4 Asia-Pacific Autonomous Vehicle Chips Consumption Value (2020-2031)
- 4.5 South America Autonomous Vehicle Chips Consumption Value (2020-2031)
- 4.6 Middle East & Africa Autonomous Vehicle Chips Consumption Value (2020-2031)

5 MARKET SEGMENT BY TYPE

- 5.1 Global Autonomous Vehicle Chips Sales Quantity by Type (2020-2031)
- 5.2 Global Autonomous Vehicle Chips Consumption Value by Type (2020-2031)
- 5.3 Global Autonomous Vehicle Chips Average Price by Type (2020-2031)

6 MARKET SEGMENT BY APPLICATION

- 6.1 Global Autonomous Vehicle Chips Sales Quantity by Application (2020-2031)
- 6.2 Global Autonomous Vehicle Chips Consumption Value by Application (2020-2031)
- 6.3 Global Autonomous Vehicle Chips Average Price by Application (2020-2031)

7 NORTH AMERICA

- 7.1 North America Autonomous Vehicle Chips Sales Quantity by Type (2020-2031)
- 7.2 North America Autonomous Vehicle Chips Sales Quantity by Application (2020-2031)
- 7.3 North America Autonomous Vehicle Chips Market Size by Country
 - 7.3.1 North America Autonomous Vehicle Chips Sales Quantity by Country (2020-2031)
 - 7.3.2 North America Autonomous Vehicle Chips 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 Autonomous Vehicle Chips Sales Quantity by Type (2020-2031)
- 8.2 Europe Autonomous Vehicle Chips Sales Quantity by Application (2020-2031)
- 8.3 Europe Autonomous Vehicle Chips Market Size by Country
 - 8.3.1 Europe Autonomous Vehicle Chips Sales Quantity by Country (2020-2031)
 - 8.3.2 Europe Autonomous Vehicle Chips 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 Autonomous Vehicle Chips Sales Quantity by Type (2020-2031)
- 9.2 Asia-Pacific Autonomous Vehicle Chips Sales Quantity by Application (2020-2031)
- 9.3 Asia-Pacific Autonomous Vehicle Chips Market Size by Region
 - 9.3.1 Asia-Pacific Autonomous Vehicle Chips Sales Quantity by Region (2020-2031)
 - 9.3.2 Asia-Pacific Autonomous Vehicle Chips 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 Autonomous Vehicle Chips Sales Quantity by Type (2020-2031)

10.2 South America Autonomous Vehicle Chips Sales Quantity by Application
(2020-2031)

10.3 South America Autonomous Vehicle Chips Market Size by Country

10.3.1 South America Autonomous Vehicle Chips Sales Quantity by Country
(2020-2031)

10.3.2 South America Autonomous Vehicle Chips 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 Autonomous Vehicle Chips Sales Quantity by Type
(2020-2031)

11.2 Middle East & Africa Autonomous Vehicle Chips Sales Quantity by Application
(2020-2031)

11.3 Middle East & Africa Autonomous Vehicle Chips Market Size by Country

11.3.1 Middle East & Africa Autonomous Vehicle Chips Sales Quantity by Country
(2020-2031)

11.3.2 Middle East & Africa Autonomous Vehicle Chips 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 Autonomous Vehicle Chips Market Drivers
- 12.2 Autonomous Vehicle Chips Market Restraints
- 12.3 Autonomous Vehicle Chips 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 Autonomous Vehicle Chips and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Autonomous Vehicle Chips
- 13.3 Autonomous Vehicle Chips 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 Autonomous Vehicle Chips Typical Distributors
- 14.3 Autonomous Vehicle Chips 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 Autonomous Vehicle Chips Consumption Value by Type, (USD Million), 2020 & 2024 & 2031
- Table 2. Global Autonomous Vehicle Chips Consumption Value by Application, (USD Million), 2020 & 2024 & 2031
- Table 3. NVIDIA Corporation Basic Information, Manufacturing Base and Competitors
- Table 4. NVIDIA Corporation Major Business
- Table 5. NVIDIA Corporation Autonomous Vehicle Chips Product and Services
- Table 6. NVIDIA Corporation Autonomous Vehicle Chips Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 7. NVIDIA Corporation Recent Developments/Updates
- Table 8. Qualcomm Basic Information, Manufacturing Base and Competitors
- Table 9. Qualcomm Major Business
- Table 10. Qualcomm Autonomous Vehicle Chips Product and Services
- Table 11. Qualcomm Autonomous Vehicle Chips Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 12. Qualcomm Recent Developments/Updates
- Table 13. Mobil eye Basic Information, Manufacturing Base and Competitors
- Table 14. Mobil eye Major Business
- Table 15. Mobil eye Autonomous Vehicle Chips Product and Services
- Table 16. Mobil eye Autonomous Vehicle Chips Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 17. Mobil eye Recent Developments/Updates
- Table 18. Intel Corporation Basic Information, Manufacturing Base and Competitors
- Table 19. Intel Corporation Major Business
- Table 20. Intel Corporation Autonomous Vehicle Chips Product and Services
- Table 21. Intel Corporation Autonomous Vehicle Chips Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 22. Intel Corporation Recent Developments/Updates
- Table 23. Tesla Basic Information, Manufacturing Base and Competitors
- Table 24. Tesla Major Business
- Table 25. Tesla Autonomous Vehicle Chips Product and Services
- Table 26. Tesla Autonomous Vehicle Chips Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 27. Tesla Recent Developments/Updates

Table 28. Texas Instruments Basic Information, Manufacturing Base and Competitors

Table 29. Texas Instruments Major Business

Table 30. Texas Instruments Autonomous Vehicle Chips Product and Services

Table 31. Texas Instruments Autonomous Vehicle Chips Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 32. Texas Instruments Recent Developments/Updates

Table 33. Infineon Basic Information, Manufacturing Base and Competitors

Table 34. Infineon Major Business

Table 35. Infineon Autonomous Vehicle Chips Product and Services

Table 36. Infineon Autonomous Vehicle Chips Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 37. Infineon Recent Developments/Updates

Table 38. Renesas Electronics Basic Information, Manufacturing Base and Competitors

Table 39. Renesas Electronics Major Business

Table 40. Renesas Electronics Autonomous Vehicle Chips Product and Services

Table 41. Renesas Electronics Autonomous Vehicle Chips Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 42. Renesas Electronics Recent Developments/Updates

Table 43. Samsung Basic Information, Manufacturing Base and Competitors

Table 44. Samsung Major Business

Table 45. Samsung Autonomous Vehicle Chips Product and Services

Table 46. Samsung Autonomous Vehicle Chips Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 47. Samsung Recent Developments/Updates

Table 48. Waymo Basic Information, Manufacturing Base and Competitors

Table 49. Waymo Major Business

Table 50. Waymo Autonomous Vehicle Chips Product and Services

Table 51. Waymo Autonomous Vehicle Chips Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 52. Waymo Recent Developments/Updates

Table 53. Autotalks Basic Information, Manufacturing Base and Competitors

Table 54. Autotalks Major Business

Table 55. Autotalks Autonomous Vehicle Chips Product and Services

Table 56. Autotalks Autonomous Vehicle Chips Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 57. Autotalks Recent Developments/Updates

Table 58. Seimens Basic Information, Manufacturing Base and Competitors
Table 59. Seimens Major Business
Table 60. Seimens Autonomous Vehicle Chips Product and Services
Table 61. Seimens Autonomous Vehicle Chips Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
Table 62. Seimens Recent Developments/Updates
Table 63. Xilinx Basic Information, Manufacturing Base and Competitors
Table 64. Xilinx Major Business
Table 65. Xilinx Autonomous Vehicle Chips Product and Services
Table 66. Xilinx Autonomous Vehicle Chips Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
Table 67. Xilinx Recent Developments/Updates
Table 68. Global Autonomous Vehicle Chips Sales Quantity by Manufacturer (2020-2025) & (K Units)
Table 69. Global Autonomous Vehicle Chips Revenue by Manufacturer (2020-2025) & (USD Million)
Table 70. Global Autonomous Vehicle Chips Average Price by Manufacturer (2020-2025) & (US\$/Unit)
Table 71. Market Position of Manufacturers in Autonomous Vehicle Chips, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2024
Table 72. Head Office and Autonomous Vehicle Chips Production Site of Key Manufacturer
Table 73. Autonomous Vehicle Chips Market: Company Product Type Footprint
Table 74. Autonomous Vehicle Chips Market: Company Product Application Footprint
Table 75. Autonomous Vehicle Chips New Market Entrants and Barriers to Market Entry
Table 76. Autonomous Vehicle Chips Mergers, Acquisition, Agreements, and Collaborations
Table 77. Global Autonomous Vehicle Chips Consumption Value by Region (2020-2024-2031) & (USD Million) & CAGR
Table 78. Global Autonomous Vehicle Chips Sales Quantity by Region (2020-2025) & (K Units)
Table 79. Global Autonomous Vehicle Chips Sales Quantity by Region (2026-2031) & (K Units)
Table 80. Global Autonomous Vehicle Chips Consumption Value by Region (2020-2025) & (USD Million)
Table 81. Global Autonomous Vehicle Chips Consumption Value by Region (2026-2031) & (USD Million)
Table 82. Global Autonomous Vehicle Chips Average Price by Region (2020-2025) & (US\$/Unit)

Table 83. Global Autonomous Vehicle Chips Average Price by Region (2026-2031) & (US\$/Unit)

Table 84. Global Autonomous Vehicle Chips Sales Quantity by Type (2020-2025) & (K Units)

Table 85. Global Autonomous Vehicle Chips Sales Quantity by Type (2026-2031) & (K Units)

Table 86. Global Autonomous Vehicle Chips Consumption Value by Type (2020-2025) & (USD Million)

Table 87. Global Autonomous Vehicle Chips Consumption Value by Type (2026-2031) & (USD Million)

Table 88. Global Autonomous Vehicle Chips Average Price by Type (2020-2025) & (US\$/Unit)

Table 89. Global Autonomous Vehicle Chips Average Price by Type (2026-2031) & (US\$/Unit)

Table 90. Global Autonomous Vehicle Chips Sales Quantity by Application (2020-2025) & (K Units)

Table 91. Global Autonomous Vehicle Chips Sales Quantity by Application (2026-2031) & (K Units)

Table 92. Global Autonomous Vehicle Chips Consumption Value by Application (2020-2025) & (USD Million)

Table 93. Global Autonomous Vehicle Chips Consumption Value by Application (2026-2031) & (USD Million)

Table 94. Global Autonomous Vehicle Chips Average Price by Application (2020-2025) & (US\$/Unit)

Table 95. Global Autonomous Vehicle Chips Average Price by Application (2026-2031) & (US\$/Unit)

Table 96. North America Autonomous Vehicle Chips Sales Quantity by Type (2020-2025) & (K Units)

Table 97. North America Autonomous Vehicle Chips Sales Quantity by Type (2026-2031) & (K Units)

Table 98. North America Autonomous Vehicle Chips Sales Quantity by Application (2020-2025) & (K Units)

Table 99. North America Autonomous Vehicle Chips Sales Quantity by Application (2026-2031) & (K Units)

Table 100. North America Autonomous Vehicle Chips Sales Quantity by Country (2020-2025) & (K Units)

Table 101. North America Autonomous Vehicle Chips Sales Quantity by Country (2026-2031) & (K Units)

Table 102. North America Autonomous Vehicle Chips Consumption Value by Country

(2020-2025) & (USD Million)

Table 103. North America Autonomous Vehicle Chips Consumption Value by Country (2026-2031) & (USD Million)

Table 104. Europe Autonomous Vehicle Chips Sales Quantity by Type (2020-2025) & (K Units)

Table 105. Europe Autonomous Vehicle Chips Sales Quantity by Type (2026-2031) & (K Units)

Table 106. Europe Autonomous Vehicle Chips Sales Quantity by Application (2020-2025) & (K Units)

Table 107. Europe Autonomous Vehicle Chips Sales Quantity by Application (2026-2031) & (K Units)

Table 108. Europe Autonomous Vehicle Chips Sales Quantity by Country (2020-2025) & (K Units)

Table 109. Europe Autonomous Vehicle Chips Sales Quantity by Country (2026-2031) & (K Units)

Table 110. Europe Autonomous Vehicle Chips Consumption Value by Country (2020-2025) & (USD Million)

Table 111. Europe Autonomous Vehicle Chips Consumption Value by Country (2026-2031) & (USD Million)

Table 112. Asia-Pacific Autonomous Vehicle Chips Sales Quantity by Type (2020-2025) & (K Units)

Table 113. Asia-Pacific Autonomous Vehicle Chips Sales Quantity by Type (2026-2031) & (K Units)

Table 114. Asia-Pacific Autonomous Vehicle Chips Sales Quantity by Application (2020-2025) & (K Units)

Table 115. Asia-Pacific Autonomous Vehicle Chips Sales Quantity by Application (2026-2031) & (K Units)

Table 116. Asia-Pacific Autonomous Vehicle Chips Sales Quantity by Region (2020-2025) & (K Units)

Table 117. Asia-Pacific Autonomous Vehicle Chips Sales Quantity by Region (2026-2031) & (K Units)

Table 118. Asia-Pacific Autonomous Vehicle Chips Consumption Value by Region (2020-2025) & (USD Million)

Table 119. Asia-Pacific Autonomous Vehicle Chips Consumption Value by Region (2026-2031) & (USD Million)

Table 120. South America Autonomous Vehicle Chips Sales Quantity by Type (2020-2025) & (K Units)

Table 121. South America Autonomous Vehicle Chips Sales Quantity by Type (2026-2031) & (K Units)

Table 122. South America Autonomous Vehicle Chips Sales Quantity by Application (2020-2025) & (K Units)

Table 123. South America Autonomous Vehicle Chips Sales Quantity by Application (2026-2031) & (K Units)

Table 124. South America Autonomous Vehicle Chips Sales Quantity by Country (2020-2025) & (K Units)

Table 125. South America Autonomous Vehicle Chips Sales Quantity by Country (2026-2031) & (K Units)

Table 126. South America Autonomous Vehicle Chips Consumption Value by Country (2020-2025) & (USD Million)

Table 127. South America Autonomous Vehicle Chips Consumption Value by Country (2026-2031) & (USD Million)

Table 128. Middle East & Africa Autonomous Vehicle Chips Sales Quantity by Type (2020-2025) & (K Units)

Table 129. Middle East & Africa Autonomous Vehicle Chips Sales Quantity by Type (2026-2031) & (K Units)

Table 130. Middle East & Africa Autonomous Vehicle Chips Sales Quantity by Application (2020-2025) & (K Units)

Table 131. Middle East & Africa Autonomous Vehicle Chips Sales Quantity by Application (2026-2031) & (K Units)

Table 132. Middle East & Africa Autonomous Vehicle Chips Sales Quantity by Country (2020-2025) & (K Units)

Table 133. Middle East & Africa Autonomous Vehicle Chips Sales Quantity by Country (2026-2031) & (K Units)

Table 134. Middle East & Africa Autonomous Vehicle Chips Consumption Value by Country (2020-2025) & (USD Million)

Table 135. Middle East & Africa Autonomous Vehicle Chips Consumption Value by Country (2026-2031) & (USD Million)

Table 136. Autonomous Vehicle Chips Raw Material

Table 137. Key Manufacturers of Autonomous Vehicle Chips Raw Materials

Table 138. Autonomous Vehicle Chips Typical Distributors

Table 139. Autonomous Vehicle Chips Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. Autonomous Vehicle Chips Picture
- Figure 2. Global Autonomous Vehicle Chips Revenue by Type, (USD Million), 2020 & 2024 & 2031
- Figure 3. Global Autonomous Vehicle Chips Revenue Market Share by Type in 2024
- Figure 4. Blind Spot Detection System Examples
- Figure 5. Automatic Emergency Breaking System Examples
- Figure 6. Smart Parking Assist System Examples
- Figure 7. Adaptive Cruise Control System Examples
- Figure 8. Lane Assist System Examples
- Figure 9. Crash Warning System Examples
- Figure 10. Global Autonomous Vehicle Chips Consumption Value by Application, (USD Million), 2020 & 2024 & 2031
- Figure 11. Global Autonomous Vehicle Chips Revenue Market Share by Application in 2024
- Figure 12. Commercial Vehicle Examples
- Figure 13. Passenger Car Examples
- Figure 14. Global Autonomous Vehicle Chips Consumption Value, (USD Million): 2020 & 2024 & 2031
- Figure 15. Global Autonomous Vehicle Chips Consumption Value and Forecast (2020-2031) & (USD Million)
- Figure 16. Global Autonomous Vehicle Chips Sales Quantity (2020-2031) & (K Units)
- Figure 17. Global Autonomous Vehicle Chips Price (2020-2031) & (US\$/Unit)
- Figure 18. Global Autonomous Vehicle Chips Sales Quantity Market Share by Manufacturer in 2024
- Figure 19. Global Autonomous Vehicle Chips Revenue Market Share by Manufacturer in 2024
- Figure 20. Producer Shipments of Autonomous Vehicle Chips by Manufacturer Sales (\$MM) and Market Share (%): 2024
- Figure 21. Top 3 Autonomous Vehicle Chips Manufacturer (Revenue) Market Share in 2024
- Figure 22. Top 6 Autonomous Vehicle Chips Manufacturer (Revenue) Market Share in 2024
- Figure 23. Global Autonomous Vehicle Chips Sales Quantity Market Share by Region (2020-2031)
- Figure 24. Global Autonomous Vehicle Chips Consumption Value Market Share by

Region (2020-2031)

Figure 25. North America Autonomous Vehicle Chips Consumption Value (2020-2031) & (USD Million)

Figure 26. Europe Autonomous Vehicle Chips Consumption Value (2020-2031) & (USD Million)

Figure 27. Asia-Pacific Autonomous Vehicle Chips Consumption Value (2020-2031) & (USD Million)

Figure 28. South America Autonomous Vehicle Chips Consumption Value (2020-2031) & (USD Million)

Figure 29. Middle East & Africa Autonomous Vehicle Chips Consumption Value (2020-2031) & (USD Million)

Figure 30. Global Autonomous Vehicle Chips Sales Quantity Market Share by Type (2020-2031)

Figure 31. Global Autonomous Vehicle Chips Consumption Value Market Share by Type (2020-2031)

Figure 32. Global Autonomous Vehicle Chips Average Price by Type (2020-2031) & (US\$/Unit)

Figure 33. Global Autonomous Vehicle Chips Sales Quantity Market Share by Application (2020-2031)

Figure 34. Global Autonomous Vehicle Chips Revenue Market Share by Application (2020-2031)

Figure 35. Global Autonomous Vehicle Chips Average Price by Application (2020-2031) & (US\$/Unit)

Figure 36. North America Autonomous Vehicle Chips Sales Quantity Market Share by Type (2020-2031)

Figure 37. North America Autonomous Vehicle Chips Sales Quantity Market Share by Application (2020-2031)

Figure 38. North America Autonomous Vehicle Chips Sales Quantity Market Share by Country (2020-2031)

Figure 39. North America Autonomous Vehicle Chips Consumption Value Market Share by Country (2020-2031)

Figure 40. United States Autonomous Vehicle Chips Consumption Value (2020-2031) & (USD Million)

Figure 41. Canada Autonomous Vehicle Chips Consumption Value (2020-2031) & (USD Million)

Figure 42. Mexico Autonomous Vehicle Chips Consumption Value (2020-2031) & (USD Million)

Figure 43. Europe Autonomous Vehicle Chips Sales Quantity Market Share by Type (2020-2031)

Figure 44. Europe Autonomous Vehicle Chips Sales Quantity Market Share by Application (2020-2031)

Figure 45. Europe Autonomous Vehicle Chips Sales Quantity Market Share by Country (2020-2031)

Figure 46. Europe Autonomous Vehicle Chips Consumption Value Market Share by Country (2020-2031)

Figure 47. Germany Autonomous Vehicle Chips Consumption Value (2020-2031) & (USD Million)

Figure 48. France Autonomous Vehicle Chips Consumption Value (2020-2031) & (USD Million)

Figure 49. United Kingdom Autonomous Vehicle Chips Consumption Value (2020-2031) & (USD Million)

Figure 50. Russia Autonomous Vehicle Chips Consumption Value (2020-2031) & (USD Million)

Figure 51. Italy Autonomous Vehicle Chips Consumption Value (2020-2031) & (USD Million)

Figure 52. Asia-Pacific Autonomous Vehicle Chips Sales Quantity Market Share by Type (2020-2031)

Figure 53. Asia-Pacific Autonomous Vehicle Chips Sales Quantity Market Share by Application (2020-2031)

Figure 54. Asia-Pacific Autonomous Vehicle Chips Sales Quantity Market Share by Region (2020-2031)

Figure 55. Asia-Pacific Autonomous Vehicle Chips Consumption Value Market Share by Region (2020-2031)

Figure 56. China Autonomous Vehicle Chips Consumption Value (2020-2031) & (USD Million)

Figure 57. Japan Autonomous Vehicle Chips Consumption Value (2020-2031) & (USD Million)

Figure 58. South Korea Autonomous Vehicle Chips Consumption Value (2020-2031) & (USD Million)

Figure 59. India Autonomous Vehicle Chips Consumption Value (2020-2031) & (USD Million)

Figure 60. Southeast Asia Autonomous Vehicle Chips Consumption Value (2020-2031) & (USD Million)

Figure 61. Australia Autonomous Vehicle Chips Consumption Value (2020-2031) & (USD Million)

Figure 62. South America Autonomous Vehicle Chips Sales Quantity Market Share by Type (2020-2031)

Figure 63. South America Autonomous Vehicle Chips Sales Quantity Market Share by

Application (2020-2031)

Figure 64. South America Autonomous Vehicle Chips Sales Quantity Market Share by Country (2020-2031)

Figure 65. South America Autonomous Vehicle Chips Consumption Value Market Share by Country (2020-2031)

Figure 66. Brazil Autonomous Vehicle Chips Consumption Value (2020-2031) & (USD Million)

Figure 67. Argentina Autonomous Vehicle Chips Consumption Value (2020-2031) & (USD Million)

Figure 68. Middle East & Africa Autonomous Vehicle Chips Sales Quantity Market Share by Type (2020-2031)

Figure 69. Middle East & Africa Autonomous Vehicle Chips Sales Quantity Market Share by Application (2020-2031)

Figure 70. Middle East & Africa Autonomous Vehicle Chips Sales Quantity Market Share by Country (2020-2031)

Figure 71. Middle East & Africa Autonomous Vehicle Chips Consumption Value Market Share by Country (2020-2031)

Figure 72. Turkey Autonomous Vehicle Chips Consumption Value (2020-2031) & (USD Million)

Figure 73. Egypt Autonomous Vehicle Chips Consumption Value (2020-2031) & (USD Million)

Figure 74. Saudi Arabia Autonomous Vehicle Chips Consumption Value (2020-2031) & (USD Million)

Figure 75. South Africa Autonomous Vehicle Chips Consumption Value (2020-2031) & (USD Million)

Figure 76. Autonomous Vehicle Chips Market Drivers

Figure 77. Autonomous Vehicle Chips Market Restraints

Figure 78. Autonomous Vehicle Chips Market Trends

Figure 79. Porters Five Forces Analysis

Figure 80. Manufacturing Cost Structure Analysis of Autonomous Vehicle Chips in 2024

Figure 81. Manufacturing Process Analysis of Autonomous Vehicle Chips

Figure 82. Autonomous Vehicle Chips Industrial Chain

Figure 83. Sales Channel: Direct to End-User vs Distributors

Figure 84. Direct Channel Pros & Cons

Figure 85. Indirect Channel Pros & Cons

Figure 86. Methodology

Figure 87. Research Process and Data Source

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