

# Global Automotive Grade Autonomous Driving Chip Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/GDA92D07272BEN.html>

Date: July 2023

Pages: 111

Price: US\$ 4,480.00 (Single User License)

ID: GDA92D07272BEN

## Abstracts

The global Automotive Grade Autonomous Driving Chip market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

This report studies the global Automotive Grade Autonomous Driving Chip production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Automotive Grade Autonomous Driving Chip, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Automotive Grade Autonomous Driving Chip that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Automotive Grade Autonomous Driving Chip total production and demand, 2018-2029, (K Units)

Global Automotive Grade Autonomous Driving Chip total production value, 2018-2029, (USD Million)

Global Automotive Grade Autonomous Driving Chip production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Automotive Grade Autonomous Driving Chip consumption by region & country,

CAGR, 2018-2029 & (K Units)

U.S. VS China: Automotive Grade Autonomous Driving Chip domestic production, consumption, key domestic manufacturers and share

Global Automotive Grade Autonomous Driving Chip production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Automotive Grade Autonomous Driving Chip production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Automotive Grade Autonomous Driving Chip production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units)

This reports profiles key players in the global Automotive Grade Autonomous Driving Chip market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include NVIDIA, Qualcomm, Intel, Tesla, Texas Instruments, Infineon, Renesas Electronics, Samsung and Siemens, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Automotive Grade Autonomous Driving Chip market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Automotive Grade Autonomous Driving Chip Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global Automotive Grade Autonomous Driving Chip Market, Segmentation by Type

CPU Chip

GPU Chip

FPGA Chip

ASIC Chip

Other

#### Global Automotive Grade Autonomous Driving Chip Market, Segmentation by Application

Commercial Vehicle

Passenger Car

#### Companies Profiled:

NVIDIA

Qualcomm

Intel

Tesla

Texas Instruments

Infineon

Renesas Electronics

Samsung

Siemens

Xilinx

Black Sesame Technologies

## Key Questions Answered

1. How big is the global Automotive Grade Autonomous Driving Chip market?
2. What is the demand of the global Automotive Grade Autonomous Driving Chip market?
3. What is the year over year growth of the global Automotive Grade Autonomous Driving Chip market?
4. What is the production and production value of the global Automotive Grade Autonomous Driving Chip market?
5. Who are the key producers in the global Automotive Grade Autonomous Driving Chip market?
6. What are the growth factors driving the market demand?

## Contents

### 1 SUPPLY SUMMARY

- 1.1 Automotive Grade Autonomous Driving Chip Introduction
- 1.2 World Automotive Grade Autonomous Driving Chip Supply & Forecast
  - 1.2.1 World Automotive Grade Autonomous Driving Chip Production Value (2018 & 2022 & 2029)
  - 1.2.2 World Automotive Grade Autonomous Driving Chip Production (2018-2029)
  - 1.2.3 World Automotive Grade Autonomous Driving Chip Pricing Trends (2018-2029)
- 1.3 World Automotive Grade Autonomous Driving Chip Production by Region (Based on Production Site)
  - 1.3.1 World Automotive Grade Autonomous Driving Chip Production Value by Region (2018-2029)
  - 1.3.2 World Automotive Grade Autonomous Driving Chip Production by Region (2018-2029)
  - 1.3.3 World Automotive Grade Autonomous Driving Chip Average Price by Region (2018-2029)
  - 1.3.4 North America Automotive Grade Autonomous Driving Chip Production (2018-2029)
  - 1.3.5 Europe Automotive Grade Autonomous Driving Chip Production (2018-2029)
  - 1.3.6 China Automotive Grade Autonomous Driving Chip Production (2018-2029)
  - 1.3.7 Japan Automotive Grade Autonomous Driving Chip Production (2018-2029)
  - 1.3.8 South Korea Automotive Grade Autonomous Driving Chip Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 Automotive Grade Autonomous Driving Chip Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 Automotive Grade Autonomous Driving Chip Major Market Trends
- 1.5 Influence of COVID-19 and Russia-Ukraine War
  - 1.5.1 Influence of COVID-19
  - 1.5.2 Influence of Russia-Ukraine War

### 2 DEMAND SUMMARY

- 2.1 World Automotive Grade Autonomous Driving Chip Demand (2018-2029)
- 2.2 World Automotive Grade Autonomous Driving Chip Consumption by Region
  - 2.2.1 World Automotive Grade Autonomous Driving Chip Consumption by Region (2018-2023)

2.2.2 World Automotive Grade Autonomous Driving Chip Consumption Forecast by Region (2024-2029)

2.3 United States Automotive Grade Autonomous Driving Chip Consumption (2018-2029)

2.4 China Automotive Grade Autonomous Driving Chip Consumption (2018-2029)

2.5 Europe Automotive Grade Autonomous Driving Chip Consumption (2018-2029)

2.6 Japan Automotive Grade Autonomous Driving Chip Consumption (2018-2029)

2.7 South Korea Automotive Grade Autonomous Driving Chip Consumption (2018-2029)

2.8 ASEAN Automotive Grade Autonomous Driving Chip Consumption (2018-2029)

2.9 India Automotive Grade Autonomous Driving Chip Consumption (2018-2029)

### **3 WORLD AUTOMOTIVE GRADE AUTONOMOUS DRIVING CHIP MANUFACTURERS COMPETITIVE ANALYSIS**

3.1 World Automotive Grade Autonomous Driving Chip Production Value by Manufacturer (2018-2023)

3.2 World Automotive Grade Autonomous Driving Chip Production by Manufacturer (2018-2023)

3.3 World Automotive Grade Autonomous Driving Chip Average Price by Manufacturer (2018-2023)

3.4 Automotive Grade Autonomous Driving Chip Company Evaluation Quadrant

3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global Automotive Grade Autonomous Driving Chip Industry Rank of Major Manufacturers

3.5.2 Global Concentration Ratios (CR4) for Automotive Grade Autonomous Driving Chip in 2022

3.5.3 Global Concentration Ratios (CR8) for Automotive Grade Autonomous Driving Chip in 2022

3.6 Automotive Grade Autonomous Driving Chip Market: Overall Company Footprint Analysis

3.6.1 Automotive Grade Autonomous Driving Chip Market: Region Footprint

3.6.2 Automotive Grade Autonomous Driving Chip Market: Company Product Type Footprint

3.6.3 Automotive Grade Autonomous Driving Chip Market: Company Product Application Footprint

3.7 Competitive Environment

3.7.1 Historical Structure of the Industry

3.7.2 Barriers of Market Entry

- 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

## **4 UNITED STATES VS CHINA VS REST OF THE WORLD**

- 4.1 United States VS China: Automotive Grade Autonomous Driving Chip Production Value Comparison
  - 4.1.1 United States VS China: Automotive Grade Autonomous Driving Chip Production Value Comparison (2018 & 2022 & 2029)
  - 4.1.2 United States VS China: Automotive Grade Autonomous Driving Chip Production Value Market Share Comparison (2018 & 2022 & 2029)
- 4.2 United States VS China: Automotive Grade Autonomous Driving Chip Production Comparison
  - 4.2.1 United States VS China: Automotive Grade Autonomous Driving Chip Production Comparison (2018 & 2022 & 2029)
  - 4.2.2 United States VS China: Automotive Grade Autonomous Driving Chip Production Market Share Comparison (2018 & 2022 & 2029)
- 4.3 United States VS China: Automotive Grade Autonomous Driving Chip Consumption Comparison
  - 4.3.1 United States VS China: Automotive Grade Autonomous Driving Chip Consumption Comparison (2018 & 2022 & 2029)
  - 4.3.2 United States VS China: Automotive Grade Autonomous Driving Chip Consumption Market Share Comparison (2018 & 2022 & 2029)
- 4.4 United States Based Automotive Grade Autonomous Driving Chip Manufacturers and Market Share, 2018-2023
  - 4.4.1 United States Based Automotive Grade Autonomous Driving Chip Manufacturers, Headquarters and Production Site (States, Country)
  - 4.4.2 United States Based Manufacturers Automotive Grade Autonomous Driving Chip Production Value (2018-2023)
  - 4.4.3 United States Based Manufacturers Automotive Grade Autonomous Driving Chip Production (2018-2023)
- 4.5 China Based Automotive Grade Autonomous Driving Chip Manufacturers and Market Share
  - 4.5.1 China Based Automotive Grade Autonomous Driving Chip Manufacturers, Headquarters and Production Site (Province, Country)
  - 4.5.2 China Based Manufacturers Automotive Grade Autonomous Driving Chip Production Value (2018-2023)
  - 4.5.3 China Based Manufacturers Automotive Grade Autonomous Driving Chip



Production (2018-2023)

4.6 Rest of World Based Automotive Grade Autonomous Driving Chip Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based Automotive Grade Autonomous Driving Chip Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Automotive Grade Autonomous Driving Chip Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers Automotive Grade Autonomous Driving Chip Production (2018-2023)

## **5 MARKET ANALYSIS BY TYPE**

5.1 World Automotive Grade Autonomous Driving Chip Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 CPU Chip

5.2.2 GPU Chip

5.2.3 FPGA Chip

5.2.4 ASIC Chip

5.2.5 Other

5.3 Market Segment by Type

5.3.1 World Automotive Grade Autonomous Driving Chip Production by Type (2018-2029)

5.3.2 World Automotive Grade Autonomous Driving Chip Production Value by Type (2018-2029)

5.3.3 World Automotive Grade Autonomous Driving Chip Average Price by Type (2018-2029)

## **6 MARKET ANALYSIS BY APPLICATION**

6.1 World Automotive Grade Autonomous Driving Chip Market Size Overview by Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 Commercial Vehicle

6.2.2 Passenger Car

6.3 Market Segment by Application

6.3.1 World Automotive Grade Autonomous Driving Chip Production by Application (2018-2029)

6.3.2 World Automotive Grade Autonomous Driving Chip Production Value by



Application (2018-2029)

6.3.3 World Automotive Grade Autonomous Driving Chip Average Price by Application (2018-2029)

## **7 COMPANY PROFILES**

### **7.1 NVIDIA**

7.1.1 NVIDIA Details

7.1.2 NVIDIA Major Business

7.1.3 NVIDIA Automotive Grade Autonomous Driving Chip Product and Services

7.1.4 NVIDIA Automotive Grade Autonomous Driving Chip Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.1.5 NVIDIA Recent Developments/Updates

7.1.6 NVIDIA Competitive Strengths & Weaknesses

### **7.2 Qualcomm**

7.2.1 Qualcomm Details

7.2.2 Qualcomm Major Business

7.2.3 Qualcomm Automotive Grade Autonomous Driving Chip Product and Services

7.2.4 Qualcomm Automotive Grade Autonomous Driving Chip Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.2.5 Qualcomm Recent Developments/Updates

7.2.6 Qualcomm Competitive Strengths & Weaknesses

### **7.3 Intel**

7.3.1 Intel Details

7.3.2 Intel Major Business

7.3.3 Intel Automotive Grade Autonomous Driving Chip Product and Services

7.3.4 Intel Automotive Grade Autonomous Driving Chip Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.3.5 Intel Recent Developments/Updates

7.3.6 Intel Competitive Strengths & Weaknesses

### **7.4 Tesla**

7.4.1 Tesla Details

7.4.2 Tesla Major Business

7.4.3 Tesla Automotive Grade Autonomous Driving Chip Product and Services

7.4.4 Tesla Automotive Grade Autonomous Driving Chip Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.4.5 Tesla Recent Developments/Updates

7.4.6 Tesla Competitive Strengths & Weaknesses

### **7.5 Texas Instruments**

- 7.5.1 Texas Instruments Details
- 7.5.2 Texas Instruments Major Business
- 7.5.3 Texas Instruments Automotive Grade Autonomous Driving Chip Product and Services
- 7.5.4 Texas Instruments Automotive Grade Autonomous Driving Chip Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.5.5 Texas Instruments Recent Developments/Updates
- 7.5.6 Texas Instruments Competitive Strengths & Weaknesses
- 7.6 Infineon
  - 7.6.1 Infineon Details
  - 7.6.2 Infineon Major Business
  - 7.6.3 Infineon Automotive Grade Autonomous Driving Chip Product and Services
  - 7.6.4 Infineon Automotive Grade Autonomous Driving Chip Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.6.5 Infineon Recent Developments/Updates
  - 7.6.6 Infineon Competitive Strengths & Weaknesses
- 7.7 Renesas Electronics
  - 7.7.1 Renesas Electronics Details
  - 7.7.2 Renesas Electronics Major Business
  - 7.7.3 Renesas Electronics Automotive Grade Autonomous Driving Chip Product and Services
  - 7.7.4 Renesas Electronics Automotive Grade Autonomous Driving Chip Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.7.5 Renesas Electronics Recent Developments/Updates
  - 7.7.6 Renesas Electronics Competitive Strengths & Weaknesses
- 7.8 Samsung
  - 7.8.1 Samsung Details
  - 7.8.2 Samsung Major Business
  - 7.8.3 Samsung Automotive Grade Autonomous Driving Chip Product and Services
  - 7.8.4 Samsung Automotive Grade Autonomous Driving Chip Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.8.5 Samsung Recent Developments/Updates
  - 7.8.6 Samsung Competitive Strengths & Weaknesses
- 7.9 Siemens
  - 7.9.1 Siemens Details
  - 7.9.2 Siemens Major Business
  - 7.9.3 Siemens Automotive Grade Autonomous Driving Chip Product and Services
  - 7.9.4 Siemens Automotive Grade Autonomous Driving Chip Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.9.5 Siemens Recent Developments/Updates

7.9.6 Siemens Competitive Strengths & Weaknesses

7.10 Xilinx

7.10.1 Xilinx Details

7.10.2 Xilinx Major Business

7.10.3 Xilinx Automotive Grade Autonomous Driving Chip Product and Services

7.10.4 Xilinx Automotive Grade Autonomous Driving Chip Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.10.5 Xilinx Recent Developments/Updates

7.10.6 Xilinx Competitive Strengths & Weaknesses

7.11 Black Sesame Technologies

7.11.1 Black Sesame Technologies Details

7.11.2 Black Sesame Technologies Major Business

7.11.3 Black Sesame Technologies Automotive Grade Autonomous Driving Chip Product and Services

7.11.4 Black Sesame Technologies Automotive Grade Autonomous Driving Chip Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.11.5 Black Sesame Technologies Recent Developments/Updates

7.11.6 Black Sesame Technologies Competitive Strengths & Weaknesses

## **8 INDUSTRY CHAIN ANALYSIS**

8.1 Automotive Grade Autonomous Driving Chip Industry Chain

8.2 Automotive Grade Autonomous Driving Chip Upstream Analysis

8.2.1 Automotive Grade Autonomous Driving Chip Core Raw Materials

8.2.2 Main Manufacturers of Automotive Grade Autonomous Driving Chip Core Raw Materials

8.3 Midstream Analysis

8.4 Downstream Analysis

8.5 Automotive Grade Autonomous Driving Chip Production Mode

8.6 Automotive Grade Autonomous Driving Chip Procurement Model

8.7 Automotive Grade Autonomous Driving Chip Industry Sales Model and Sales Channels

8.7.1 Automotive Grade Autonomous Driving Chip Sales Model

8.7.2 Automotive Grade Autonomous Driving Chip Typical Customers

## **9 RESEARCH FINDINGS AND CONCLUSION**

## **10 APPENDIX**

10.1 Methodology

10.2 Research Process and Data Source

10.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. World Automotive Grade Autonomous Driving Chip Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World Automotive Grade Autonomous Driving Chip Production Value by Region (2018-2023) & (USD Million)

Table 3. World Automotive Grade Autonomous Driving Chip Production Value by Region (2024-2029) & (USD Million)

Table 4. World Automotive Grade Autonomous Driving Chip Production Value Market Share by Region (2018-2023)

Table 5. World Automotive Grade Autonomous Driving Chip Production Value Market Share by Region (2024-2029)

Table 6. World Automotive Grade Autonomous Driving Chip Production by Region (2018-2023) & (K Units)

Table 7. World Automotive Grade Autonomous Driving Chip Production by Region (2024-2029) & (K Units)

Table 8. World Automotive Grade Autonomous Driving Chip Production Market Share by Region (2018-2023)

Table 9. World Automotive Grade Autonomous Driving Chip Production Market Share by Region (2024-2029)

Table 10. World Automotive Grade Autonomous Driving Chip Average Price by Region (2018-2023) & (US\$/Unit)

Table 11. World Automotive Grade Autonomous Driving Chip Average Price by Region (2024-2029) & (US\$/Unit)

Table 12. Automotive Grade Autonomous Driving Chip Major Market Trends

Table 13. World Automotive Grade Autonomous Driving Chip Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (K Units)

Table 14. World Automotive Grade Autonomous Driving Chip Consumption by Region (2018-2023) & (K Units)

Table 15. World Automotive Grade Autonomous Driving Chip Consumption Forecast by Region (2024-2029) & (K Units)

Table 16. World Automotive Grade Autonomous Driving Chip Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key Automotive Grade Autonomous Driving Chip Producers in 2022

Table 18. World Automotive Grade Autonomous Driving Chip Production by Manufacturer (2018-2023) & (K Units)

Table 19. Production Market Share of Key Automotive Grade Autonomous Driving Chip Producers in 2022

Table 20. World Automotive Grade Autonomous Driving Chip Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 21. Global Automotive Grade Autonomous Driving Chip Company Evaluation Quadrant

Table 22. World Automotive Grade Autonomous Driving Chip Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and Automotive Grade Autonomous Driving Chip Production Site of Key Manufacturer

Table 24. Automotive Grade Autonomous Driving Chip Market: Company Product Type Footprint

Table 25. Automotive Grade Autonomous Driving Chip Market: Company Product Application Footprint

Table 26. Automotive Grade Autonomous Driving Chip Competitive Factors

Table 27. Automotive Grade Autonomous Driving Chip New Entrant and Capacity Expansion Plans

Table 28. Automotive Grade Autonomous Driving Chip Mergers & Acquisitions Activity

Table 29. United States VS China Automotive Grade Autonomous Driving Chip Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China Automotive Grade Autonomous Driving Chip Production Comparison, (2018 & 2022 & 2029) & (K Units)

Table 31. United States VS China Automotive Grade Autonomous Driving Chip Consumption Comparison, (2018 & 2022 & 2029) & (K Units)

Table 32. United States Based Automotive Grade Autonomous Driving Chip Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Automotive Grade Autonomous Driving Chip Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers Automotive Grade Autonomous Driving Chip Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers Automotive Grade Autonomous Driving Chip Production (2018-2023) & (K Units)

Table 36. United States Based Manufacturers Automotive Grade Autonomous Driving Chip Production Market Share (2018-2023)

Table 37. China Based Automotive Grade Autonomous Driving Chip Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Automotive Grade Autonomous Driving Chip Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers Automotive Grade Autonomous Driving Chip



Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers Automotive Grade Autonomous Driving Chip Production (2018-2023) & (K Units)

Table 41. China Based Manufacturers Automotive Grade Autonomous Driving Chip Production Market Share (2018-2023)

Table 42. Rest of World Based Automotive Grade Autonomous Driving Chip Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Automotive Grade Autonomous Driving Chip Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers Automotive Grade Autonomous Driving Chip Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Automotive Grade Autonomous Driving Chip Production (2018-2023) & (K Units)

Table 46. Rest of World Based Manufacturers Automotive Grade Autonomous Driving Chip Production Market Share (2018-2023)

Table 47. World Automotive Grade Autonomous Driving Chip Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World Automotive Grade Autonomous Driving Chip Production by Type (2018-2023) & (K Units)

Table 49. World Automotive Grade Autonomous Driving Chip Production by Type (2024-2029) & (K Units)

Table 50. World Automotive Grade Autonomous Driving Chip Production Value by Type (2018-2023) & (USD Million)

Table 51. World Automotive Grade Autonomous Driving Chip Production Value by Type (2024-2029) & (USD Million)

Table 52. World Automotive Grade Autonomous Driving Chip Average Price by Type (2018-2023) & (US\$/Unit)

Table 53. World Automotive Grade Autonomous Driving Chip Average Price by Type (2024-2029) & (US\$/Unit)

Table 54. World Automotive Grade Autonomous Driving Chip Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Automotive Grade Autonomous Driving Chip Production by Application (2018-2023) & (K Units)

Table 56. World Automotive Grade Autonomous Driving Chip Production by Application (2024-2029) & (K Units)

Table 57. World Automotive Grade Autonomous Driving Chip Production Value by Application (2018-2023) & (USD Million)

Table 58. World Automotive Grade Autonomous Driving Chip Production Value by Application (2024-2029) & (USD Million)



- Table 59. World Automotive Grade Autonomous Driving Chip Average Price by Application (2018-2023) & (US\$/Unit)
- Table 60. World Automotive Grade Autonomous Driving Chip Average Price by Application (2024-2029) & (US\$/Unit)
- Table 61. NVIDIA Basic Information, Manufacturing Base and Competitors
- Table 62. NVIDIA Major Business
- Table 63. NVIDIA Automotive Grade Autonomous Driving Chip Product and Services
- Table 64. NVIDIA Automotive Grade Autonomous Driving Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 65. NVIDIA Recent Developments/Updates
- Table 66. NVIDIA Competitive Strengths & Weaknesses
- Table 67. Qualcomm Basic Information, Manufacturing Base and Competitors
- Table 68. Qualcomm Major Business
- Table 69. Qualcomm Automotive Grade Autonomous Driving Chip Product and Services
- Table 70. Qualcomm Automotive Grade Autonomous Driving Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 71. Qualcomm Recent Developments/Updates
- Table 72. Qualcomm Competitive Strengths & Weaknesses
- Table 73. Intel Basic Information, Manufacturing Base and Competitors
- Table 74. Intel Major Business
- Table 75. Intel Automotive Grade Autonomous Driving Chip Product and Services
- Table 76. Intel Automotive Grade Autonomous Driving Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 77. Intel Recent Developments/Updates
- Table 78. Intel Competitive Strengths & Weaknesses
- Table 79. Tesla Basic Information, Manufacturing Base and Competitors
- Table 80. Tesla Major Business
- Table 81. Tesla Automotive Grade Autonomous Driving Chip Product and Services
- Table 82. Tesla Automotive Grade Autonomous Driving Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 83. Tesla Recent Developments/Updates
- Table 84. Tesla Competitive Strengths & Weaknesses
- Table 85. Texas Instruments Basic Information, Manufacturing Base and Competitors
- Table 86. Texas Instruments Major Business

- Table 87. Texas Instruments Automotive Grade Autonomous Driving Chip Product and Services
- Table 88. Texas Instruments Automotive Grade Autonomous Driving Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 89. Texas Instruments Recent Developments/Updates
- Table 90. Texas Instruments Competitive Strengths & Weaknesses
- Table 91. Infineon Basic Information, Manufacturing Base and Competitors
- Table 92. Infineon Major Business
- Table 93. Infineon Automotive Grade Autonomous Driving Chip Product and Services
- Table 94. Infineon Automotive Grade Autonomous Driving Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 95. Infineon Recent Developments/Updates
- Table 96. Infineon Competitive Strengths & Weaknesses
- Table 97. Renesas Electronics Basic Information, Manufacturing Base and Competitors
- Table 98. Renesas Electronics Major Business
- Table 99. Renesas Electronics Automotive Grade Autonomous Driving Chip Product and Services
- Table 100. Renesas Electronics Automotive Grade Autonomous Driving Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 101. Renesas Electronics Recent Developments/Updates
- Table 102. Renesas Electronics Competitive Strengths & Weaknesses
- Table 103. Samsung Basic Information, Manufacturing Base and Competitors
- Table 104. Samsung Major Business
- Table 105. Samsung Automotive Grade Autonomous Driving Chip Product and Services
- Table 106. Samsung Automotive Grade Autonomous Driving Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 107. Samsung Recent Developments/Updates
- Table 108. Samsung Competitive Strengths & Weaknesses
- Table 109. Siemens Basic Information, Manufacturing Base and Competitors
- Table 110. Siemens Major Business
- Table 111. Siemens Automotive Grade Autonomous Driving Chip Product and Services
- Table 112. Siemens Automotive Grade Autonomous Driving Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 113. Siemens Recent Developments/Updates

Table 114. Siemens Competitive Strengths & Weaknesses

Table 115. Xilinx Basic Information, Manufacturing Base and Competitors

Table 116. Xilinx Major Business

Table 117. Xilinx Automotive Grade Autonomous Driving Chip Product and Services

Table 118. Xilinx Automotive Grade Autonomous Driving Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 119. Xilinx Recent Developments/Updates

Table 120. Black Sesame Technologies Basic Information, Manufacturing Base and Competitors

Table 121. Black Sesame Technologies Major Business

Table 122. Black Sesame Technologies Automotive Grade Autonomous Driving Chip Product and Services

Table 123. Black Sesame Technologies Automotive Grade Autonomous Driving Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 124. Global Key Players of Automotive Grade Autonomous Driving Chip Upstream (Raw Materials)

Table 125. Automotive Grade Autonomous Driving Chip Typical Customers

Table 126. Automotive Grade Autonomous Driving Chip Typical Distributors

## List Of Figures

### LIST OF FIGURES

Figure 1. Automotive Grade Autonomous Driving Chip Picture

Figure 2. World Automotive Grade Autonomous Driving Chip Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World Automotive Grade Autonomous Driving Chip Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World Automotive Grade Autonomous Driving Chip Production (2018-2029) & (K Units)

Figure 5. World Automotive Grade Autonomous Driving Chip Average Price (2018-2029) & (US\$/Unit)

Figure 6. World Automotive Grade Autonomous Driving Chip Production Value Market Share by Region (2018-2029)

Figure 7. World Automotive Grade Autonomous Driving Chip Production Market Share by Region (2018-2029)

Figure 8. North America Automotive Grade Autonomous Driving Chip Production (2018-2029) & (K Units)

Figure 9. Europe Automotive Grade Autonomous Driving Chip Production (2018-2029) & (K Units)

Figure 10. China Automotive Grade Autonomous Driving Chip Production (2018-2029) & (K Units)

Figure 11. Japan Automotive Grade Autonomous Driving Chip Production (2018-2029) & (K Units)

Figure 12. South Korea Automotive Grade Autonomous Driving Chip Production (2018-2029) & (K Units)

Figure 13. Automotive Grade Autonomous Driving Chip Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World Automotive Grade Autonomous Driving Chip Consumption (2018-2029) & (K Units)

Figure 16. World Automotive Grade Autonomous Driving Chip Consumption Market Share by Region (2018-2029)

Figure 17. United States Automotive Grade Autonomous Driving Chip Consumption (2018-2029) & (K Units)

Figure 18. China Automotive Grade Autonomous Driving Chip Consumption (2018-2029) & (K Units)

Figure 19. Europe Automotive Grade Autonomous Driving Chip Consumption (2018-2029) & (K Units)

- Figure 20. Japan Automotive Grade Autonomous Driving Chip Consumption (2018-2029) & (K Units)
- Figure 21. South Korea Automotive Grade Autonomous Driving Chip Consumption (2018-2029) & (K Units)
- Figure 22. ASEAN Automotive Grade Autonomous Driving Chip Consumption (2018-2029) & (K Units)
- Figure 23. India Automotive Grade Autonomous Driving Chip Consumption (2018-2029) & (K Units)
- Figure 24. Producer Shipments of Automotive Grade Autonomous Driving Chip by Manufacturer Revenue (\$MM) and Market Share (%): 2022
- Figure 25. Global Four-firm Concentration Ratios (CR4) for Automotive Grade Autonomous Driving Chip Markets in 2022
- Figure 26. Global Four-firm Concentration Ratios (CR8) for Automotive Grade Autonomous Driving Chip Markets in 2022
- Figure 27. United States VS China: Automotive Grade Autonomous Driving Chip Production Value Market Share Comparison (2018 & 2022 & 2029)
- Figure 28. United States VS China: Automotive Grade Autonomous Driving Chip Production Market Share Comparison (2018 & 2022 & 2029)
- Figure 29. United States VS China: Automotive Grade Autonomous Driving Chip Consumption Market Share Comparison (2018 & 2022 & 2029)
- Figure 30. United States Based Manufacturers Automotive Grade Autonomous Driving Chip Production Market Share 2022
- Figure 31. China Based Manufacturers Automotive Grade Autonomous Driving Chip Production Market Share 2022
- Figure 32. Rest of World Based Manufacturers Automotive Grade Autonomous Driving Chip Production Market Share 2022
- Figure 33. World Automotive Grade Autonomous Driving Chip Production Value by Type, (USD Million), 2018 & 2022 & 2029
- Figure 34. World Automotive Grade Autonomous Driving Chip Production Value Market Share by Type in 2022
- Figure 35. CPU Chip
- Figure 36. GPU Chip
- Figure 37. FPGA Chip
- Figure 38. ASIC Chip
- Figure 39. Other
- Figure 40. World Automotive Grade Autonomous Driving Chip Production Market Share by Type (2018-2029)
- Figure 41. World Automotive Grade Autonomous Driving Chip Production Value Market Share by Type (2018-2029)

Figure 42. World Automotive Grade Autonomous Driving Chip Average Price by Type (2018-2029) & (US\$/Unit)

Figure 43. World Automotive Grade Autonomous Driving Chip Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 44. World Automotive Grade Autonomous Driving Chip Production Value Market Share by Application in 2022

Figure 45. Commercial Vehicle

Figure 46. Passenger Car

Figure 47. World Automotive Grade Autonomous Driving Chip Production Market Share by Application (2018-2029)

Figure 48. World Automotive Grade Autonomous Driving Chip Production Value Market Share by Application (2018-2029)

Figure 49. World Automotive Grade Autonomous Driving Chip Average Price by Application (2018-2029) & (US\$/Unit)

Figure 50. Automotive Grade Autonomous Driving Chip Industry Chain

Figure 51. Automotive Grade Autonomous Driving Chip Procurement Model

Figure 52. Automotive Grade Autonomous Driving Chip Sales Model

Figure 53. Automotive Grade Autonomous Driving Chip Sales Channels, Direct Sales, and Distribution

Figure 54. Methodology

Figure 55. Research Process and Data Source

## I would like to order

Product name: Global Automotive Grade Autonomous Driving Chip Supply, Demand and Key Producers, 2023-2029

Product link: <https://marketpublishers.com/r/GDA92D07272BEN.html>

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GDA92D07272BEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970



