

Automotive Memory Chip Industry Research Report 2023

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Abstracts

Automotive Memory Chip, also known as semiconductor Memory, is a semiconductor circuit as a storage medium of Memory, Memory equipment for storing binary data, is an important part of modern digital system.

Highlights

The global Automotive Memory Chip market is projected to reach US\$ million by 2029 from an estimated US\$ million in 2022, at a CAGR of % during 2023 and 2029.

Global core automotive memory chip manufacturers include Micron, Samsung etc. The top 5 companies hold a share about 70%. China is the largest market, with a share about 38%, followed by North America and Europe with the share about 21% and 19%. In terms of product, DRAM is the largest segment, with a share over 65%. And in terms of application, the largest application is advanced driver assistance system (ADAS).

Report Scope

This report aims to provide a comprehensive presentation of the global market for Automotive Memory Chip, with both quantitative and qualitative analysis, to help readers develop business/growth strategies, assess the market competitive situation, analyze their position in the current marketplace, and make informed business decisions regarding Automotive Memory Chip.

The Automotive Memory Chip market size, estimations, and forecasts are provided in terms of output/shipments (M Units) and revenue (\$ millions), considering 2022 as the

base year, with history and forecast data for the period from 2018 to 2029. This report segments the global Automotive Memory Chip market comprehensively. Regional market sizes, concerning products by types, by application, and by players, are also provided. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

The report will help the Automotive Memory Chip manufacturers, new entrants, and industry chain related companies in this market with information on the revenues, production, and average price for the overall market and the sub-segments across the different segments, by company, product type, application, and regions.

Key Companies & Market Share Insights

In this section, the readers will gain an understanding of the key players competing. This report has studied the key growth strategies, such as innovative trends and developments, intensification of product portfolio, mergers and acquisitions, collaborations, new product innovation, and geographical expansion, undertaken by these participants to maintain their presence. Apart from business strategies, the study includes current developments and key financials. The readers will also get access to the data related to global revenue, price, and sales by manufacturers for the period 2018-2023. This all-inclusive report will certainly serve the clients to stay updated and make effective decisions in their businesses. Some of the prominent players reviewed in the research report include:

Micron

Samsung

SK hynix

STMicroelectronics

ISSI

Nanya

Winbond

On Semi

Cypress

GigaDevice

WesternDigital

Kioxia

Giantec-semi

Macronix

ICMAX

Product Type Insights

Global markets are presented by Automotive Memory Chip type, along with growth forecasts through 2029. Estimates on production and value are based on the price in the supply chain at which the Automotive Memory Chip are procured by the manufacturers.

This report has studied every segment and provided the market size using historical data. They have also talked about the growth opportunities that the segment may pose in the future. This study bestows production and revenue data by type, and during the historical period (2018-2023) and forecast period (2024-2029).

Automotive Memory Chip segment by Type

DRAM

NOR

NAND

SRAM

EEPROM

Application Insights

This report has provided the market size (production and revenue data) by application, during the historical period (2018-2023) and forecast period (2024-2029).

This report also outlines the market trends of each segment and consumer behaviors impacting the Automotive Memory Chip market and what implications these may have on the industry's future. This report can help to understand the relevant market and consumer trends that are driving the Automotive Memory Chip market.

Automotive Memory Chip segment by Application

Car Infotainment System

Advanced Driver Assistance System (ADAS)

Remote Information Control Unit (T-Box)

Digital Instrument Panel

Regional Outlook

This section of the report provides key insights regarding various regions and the key players operating in each region. Economic, social, environmental, technological, and political factors have been taken into consideration while assessing the growth of the particular region/country. The readers will also get their hands on the revenue and sales data of each region and country for the period 2018-2029.

The market has been segmented into various major geographies, including North America, Europe, Asia-Pacific, South America. Detailed analysis of major countries such as the USA, Germany, the U.K., Italy, France, China, Japan, South Korea, Southeast Asia, and India will be covered within the regional segment. For market

estimates, data are going to be provided for 2022 because of the base year, with estimates for 2023 and forecast value for 2029.

North America

United States

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

COVID-19 and Russia-Ukraine War Influence Analysis

The readers in the section will understand how the Automotive Memory Chip market scenario changed across the globe during the pandemic, post-pandemic and Russia-Ukraine War. The study is done keeping in view the changes in aspects such as demand, consumption, transportation, consumer behavior, supply chain management, export and import, and production. The industry experts have also highlighted the key factors that will help create opportunities for players and stabilize the overall industry in the years to come.

Reasons to Buy This Report

This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Automotive Memory Chip market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.

This report will help stakeholders to understand the global industry status and trends of Automotive Memory Chip and provides them with information on key market drivers, restraints, challenges, and opportunities.

This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.

This report stays updated with novel technology integration, features, and the latest developments in the market

This report helps stakeholders to understand the COVID-19 and Russia-Ukraine War Influence on the Automotive Memory Chip industry.

This report helps stakeholders to gain insights into which regions to target globally

This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Automotive Memory Chip.

This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Core Chapters

Chapter 1: Research objectives, research methods, data sources, data cross-validation;

Chapter 2: Introduces the report scope of the report, executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

Chapter 3: Detailed analysis of Automotive Memory Chip manufacturers competitive landscape, price, production and value market share, latest development plan, merger, and acquisition information, etc.

Chapter 4: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price,

gross margin, product introduction, recent development, etc.

Chapter 5: Production/output, value of Automotive Memory Chip by region/country. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 6: Consumption of Automotive Memory Chip in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

Chapter 7: Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 8: Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 9: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10: Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 11: The main points and conclusions of the report.

Contents

1 PREFACE

- 1.1 Scope of Report
- 1.2 Reasons for Doing This Study
- 1.3 Research Methodology
- 1.4 Research Process
- 1.5 Data Source
 - 1.5.1 Secondary Sources
 - 1.5.2 Primary Sources

2 MARKET OVERVIEW

- 2.1 Product Definition
- 2.2 Automotive Memory Chip by Type
 - 2.2.1 Market Value Comparison by Type (2018 VS 2022 VS 2029) & (US\$ Million)
 - 1.2.2 DRAM
 - 1.2.3 NOR
 - 1.2.4 NAND
 - 1.2.5 SRAM
 - 1.2.6 EEPROM
- 2.3 Automotive Memory Chip by Application
 - 2.3.1 Market Value Comparison by Application (2018 VS 2022 VS 2029) & (US\$ Million)
 - 2.3.2 Car Infotainment System
 - 2.3.3 Advanced Driver Assistance System (ADAS)
 - 2.3.4 Remote Information Control Unit (T-Box)
 - 2.3.5 Digital Instrument Panel
- 2.4 Global Market Growth Prospects
 - 2.4.1 Global Automotive Memory Chip Production Value Estimates and Forecasts (2018-2029)
 - 2.4.2 Global Automotive Memory Chip Production Capacity Estimates and Forecasts (2018-2029)
 - 2.4.3 Global Automotive Memory Chip Production Estimates and Forecasts (2018-2029)
 - 2.4.4 Global Automotive Memory Chip Market Average Price (2018-2029)

3 MARKET COMPETITIVE LANDSCAPE BY MANUFACTURERS

- 3.1 Global Automotive Memory Chip Production by Manufacturers (2018-2023)
- 3.2 Global Automotive Memory Chip Production Value by Manufacturers (2018-2023)
- 3.3 Global Automotive Memory Chip Average Price by Manufacturers (2018-2023)
- 3.4 Global Automotive Memory Chip Industry Manufacturers Ranking, 2021 VS 2022 VS 2023
- 3.5 Global Automotive Memory Chip Key Manufacturers, Manufacturing Sites & Headquarters
- 3.6 Global Automotive Memory Chip Manufacturers, Product Type & Application
- 3.7 Global Automotive Memory Chip Manufacturers, Date of Enter into This Industry
- 3.8 Global Automotive Memory Chip Market CR5 and HHI
- 3.9 Global Manufacturers Mergers & Acquisition

4 MANUFACTURERS PROFILED

4.1 Micron

- 4.1.1 Micron Automotive Memory Chip Company Information
- 4.1.2 Micron Automotive Memory Chip Business Overview
- 4.1.3 Micron Automotive Memory Chip Production, Value and Gross Margin (2018-2023)
- 4.1.4 Micron Product Portfolio
- 4.1.5 Micron Recent Developments

4.2 Samsung

- 4.2.1 Samsung Automotive Memory Chip Company Information
- 4.2.2 Samsung Automotive Memory Chip Business Overview
- 4.2.3 Samsung Automotive Memory Chip Production, Value and Gross Margin (2018-2023)
- 4.2.4 Samsung Product Portfolio
- 4.2.5 Samsung Recent Developments

4.3 SK hynix

- 4.3.1 SK hynix Automotive Memory Chip Company Information
- 4.3.2 SK hynix Automotive Memory Chip Business Overview
- 4.3.3 SK hynix Automotive Memory Chip Production, Value and Gross Margin (2018-2023)
- 4.3.4 SK hynix Product Portfolio
- 4.3.5 SK hynix Recent Developments

4.4 STMicroelectronics

- 4.4.1 STMicroelectronics Automotive Memory Chip Company Information
- 4.4.2 STMicroelectronics Automotive Memory Chip Business Overview

4.4.3 STMicroelectronics Automotive Memory Chip Production, Value and Gross Margin (2018-2023)

4.4.4 STMicroelectronics Product Portfolio

4.4.5 STMicroelectronics Recent Developments

4.5 ISSI

4.5.1 ISSI Automotive Memory Chip Company Information

4.5.2 ISSI Automotive Memory Chip Business Overview

4.5.3 ISSI Automotive Memory Chip Production, Value and Gross Margin (2018-2023)

4.5.4 ISSI Product Portfolio

4.5.5 ISSI Recent Developments

4.6 Nanya

4.6.1 Nanya Automotive Memory Chip Company Information

4.6.2 Nanya Automotive Memory Chip Business Overview

4.6.3 Nanya Automotive Memory Chip Production, Value and Gross Margin (2018-2023)

4.6.4 Nanya Product Portfolio

4.6.5 Nanya Recent Developments

4.7 Winbond

4.7.1 Winbond Automotive Memory Chip Company Information

4.7.2 Winbond Automotive Memory Chip Business Overview

4.7.3 Winbond Automotive Memory Chip Production, Value and Gross Margin (2018-2023)

4.7.4 Winbond Product Portfolio

4.7.5 Winbond Recent Developments

4.8 On Semi

4.8.1 On Semi Automotive Memory Chip Company Information

4.8.2 On Semi Automotive Memory Chip Business Overview

4.8.3 On Semi Automotive Memory Chip Production, Value and Gross Margin (2018-2023)

4.8.4 On Semi Product Portfolio

4.8.5 On Semi Recent Developments

4.9 Cypress

4.9.1 Cypress Automotive Memory Chip Company Information

4.9.2 Cypress Automotive Memory Chip Business Overview

4.9.3 Cypress Automotive Memory Chip Production, Value and Gross Margin (2018-2023)

4.9.4 Cypress Product Portfolio

4.9.5 Cypress Recent Developments

4.10 GigaDevice

- 4.10.1 GigaDevice Automotive Memory Chip Company Information
- 4.10.2 GigaDevice Automotive Memory Chip Business Overview
- 4.10.3 GigaDevice Automotive Memory Chip Production, Value and Gross Margin (2018-2023)
- 4.10.4 GigaDevice Product Portfolio
- 4.10.5 GigaDevice Recent Developments
- 7.11 WesternDigital
 - 7.11.1 WesternDigital Automotive Memory Chip Company Information
 - 7.11.2 WesternDigital Automotive Memory Chip Business Overview
 - 4.11.3 WesternDigital Automotive Memory Chip Production, Value and Gross Margin (2018-2023)
 - 7.11.4 WesternDigital Product Portfolio
 - 7.11.5 WesternDigital Recent Developments
- 7.12 Kioxia
 - 7.12.1 Kioxia Automotive Memory Chip Company Information
 - 7.12.2 Kioxia Automotive Memory Chip Business Overview
 - 7.12.3 Kioxia Automotive Memory Chip Production, Value and Gross Margin (2018-2023)
 - 7.12.4 Kioxia Product Portfolio
 - 7.12.5 Kioxia Recent Developments
- 7.13 Giantec-semi
 - 7.13.1 Giantec-semi Automotive Memory Chip Company Information
 - 7.13.2 Giantec-semi Automotive Memory Chip Business Overview
 - 7.13.3 Giantec-semi Automotive Memory Chip Production, Value and Gross Margin (2018-2023)
 - 7.13.4 Giantec-semi Product Portfolio
 - 7.13.5 Giantec-semi Recent Developments
- 7.14 Macronix
 - 7.14.1 Macronix Automotive Memory Chip Company Information
 - 7.14.2 Macronix Automotive Memory Chip Business Overview
 - 7.14.3 Macronix Automotive Memory Chip Production, Value and Gross Margin (2018-2023)
 - 7.14.4 Macronix Product Portfolio
 - 7.14.5 Macronix Recent Developments
- 7.15 ICMAX
 - 7.15.1 ICMAX Automotive Memory Chip Company Information
 - 7.15.2 ICMAX Automotive Memory Chip Business Overview
 - 7.15.3 ICMAX Automotive Memory Chip Production, Value and Gross Margin (2018-2023)

7.15.4 ICMAX Product Portfolio

7.15.5 ICMAX Recent Developments

5 GLOBAL AUTOMOTIVE MEMORY CHIP PRODUCTION BY REGION

5.1 Global Automotive Memory Chip Production Estimates and Forecasts by Region: 2018 VS 2022 VS 2029

5.2 Global Automotive Memory Chip Production by Region: 2018-2029

5.2.1 Global Automotive Memory Chip Production by Region: 2018-2023

5.2.2 Global Automotive Memory Chip Production Forecast by Region (2024-2029)

5.3 Global Automotive Memory Chip Production Value Estimates and Forecasts by Region: 2018 VS 2022 VS 2029

5.4 Global Automotive Memory Chip Production Value by Region: 2018-2029

5.4.1 Global Automotive Memory Chip Production Value by Region: 2018-2023

5.4.2 Global Automotive Memory Chip Production Value Forecast by Region (2024-2029)

5.5 Global Automotive Memory Chip Market Price Analysis by Region (2018-2023)

5.6 Global Automotive Memory Chip Production and Value, YOY Growth

5.6.1 North America Automotive Memory Chip Production Value Estimates and Forecasts (2018-2029)

5.6.2 Europe Automotive Memory Chip Production Value Estimates and Forecasts (2018-2029)

5.6.3 China Automotive Memory Chip Production Value Estimates and Forecasts (2018-2029)

5.6.4 Japan Automotive Memory Chip Production Value Estimates and Forecasts (2018-2029)

5.6.5 South Korea Automotive Memory Chip Production Value Estimates and Forecasts (2018-2029)

6 GLOBAL AUTOMOTIVE MEMORY CHIP CONSUMPTION BY REGION

6.1 Global Automotive Memory Chip Consumption Estimates and Forecasts by Region: 2018 VS 2022 VS 2029

6.2 Global Automotive Memory Chip Consumption by Region (2018-2029)

6.2.1 Global Automotive Memory Chip Consumption by Region: 2018-2029

6.2.2 Global Automotive Memory Chip Forecasted Consumption by Region (2024-2029)

6.3 North America

6.3.1 North America Automotive Memory Chip Consumption Growth Rate by Country:

2018 VS 2022 VS 2029

6.3.2 North America Automotive Memory Chip Consumption by Country (2018-2029)

6.3.3 United States

6.3.4 Canada

6.4 Europe

6.4.1 Europe Automotive Memory Chip Consumption Growth Rate by Country: 2018 VS 2022 VS 2029

6.4.2 Europe Automotive Memory Chip Consumption by Country (2018-2029)

6.4.3 Germany

6.4.4 France

6.4.5 U.K.

6.4.6 Italy

6.4.7 Russia

6.5 Asia Pacific

6.5.1 Asia Pacific Automotive Memory Chip Consumption Growth Rate by Country: 2018 VS 2022 VS 2029

6.5.2 Asia Pacific Automotive Memory Chip Consumption by Country (2018-2029)

6.5.3 China

6.5.4 Japan

6.5.5 South Korea

6.5.6 China Taiwan

6.5.7 Southeast Asia

6.5.8 India

6.5.9 Australia

6.6 Latin America, Middle East & Africa

6.6.1 Latin America, Middle East & Africa Automotive Memory Chip Consumption Growth Rate by Country: 2018 VS 2022 VS 2029

6.6.2 Latin America, Middle East & Africa Automotive Memory Chip Consumption by Country (2018-2029)

6.6.3 Mexico

6.6.4 Brazil

6.6.5 Turkey

6.6.5 GCC Countries

7 SEGMENT BY TYPE

7.1 Global Automotive Memory Chip Production by Type (2018-2029)

7.1.1 Global Automotive Memory Chip Production by Type (2018-2029) & (M Units)

7.1.2 Global Automotive Memory Chip Production Market Share by Type (2018-2029)

- 7.2 Global Automotive Memory Chip Production Value by Type (2018-2029)
 - 7.2.1 Global Automotive Memory Chip Production Value by Type (2018-2029) & (US\$ Million)
 - 7.2.2 Global Automotive Memory Chip Production Value Market Share by Type (2018-2029)
- 7.3 Global Automotive Memory Chip Price by Type (2018-2029)

8 SEGMENT BY APPLICATION

- 8.1 Global Automotive Memory Chip Production by Application (2018-2029)
 - 8.1.1 Global Automotive Memory Chip Production by Application (2018-2029) & (M Units)
 - 8.1.2 Global Automotive Memory Chip Production by Application (2018-2029) & (M Units)
- 8.2 Global Automotive Memory Chip Production Value by Application (2018-2029)
 - 8.2.1 Global Automotive Memory Chip Production Value by Application (2018-2029) & (US\$ Million)
 - 8.2.2 Global Automotive Memory Chip Production Value Market Share by Application (2018-2029)
- 8.3 Global Automotive Memory Chip Price by Application (2018-2029)

9 VALUE CHAIN AND SALES CHANNELS ANALYSIS OF THE MARKET

- 9.1 Automotive Memory Chip Value Chain Analysis
 - 9.1.1 Automotive Memory Chip Key Raw Materials
 - 9.1.2 Raw Materials Key Suppliers
 - 9.1.3 Automotive Memory Chip Production Mode & Process
- 9.2 Automotive Memory Chip Sales Channels Analysis
 - 9.2.1 Direct Comparison with Distribution Share
 - 9.2.2 Automotive Memory Chip Distributors
 - 9.2.3 Automotive Memory Chip Customers

10 GLOBAL AUTOMOTIVE MEMORY CHIP ANALYZING MARKET DYNAMICS

- 10.1 Automotive Memory Chip Industry Trends
- 10.2 Automotive Memory Chip Industry Drivers
- 10.3 Automotive Memory Chip Industry Opportunities and Challenges
- 10.4 Automotive Memory Chip Industry Restraints

11 REPORT CONCLUSION

12 DISCLAIMER

List Of Tables

LIST OF TABLES

Table 1. Secondary Sources

Table 2. Primary Sources

Table 3. Market Value Comparison by Type (2018 VS 2022 VS 2029) & (US\$ Million)

Table 4. Market Value Comparison by Application (2018 VS 2022 VS 2029) & (US\$ Million)

Table 5. Global Automotive Memory Chip Production by Manufacturers (M Units) & (2018-2023)

Table 6. Global Automotive Memory Chip Production Market Share by Manufacturers

Table 7. Global Automotive Memory Chip Production Value by Manufacturers (US\$ Million) & (2018-2023)

Table 8. Global Automotive Memory Chip Production Value Market Share by Manufacturers (2018-2023)

Table 9. Global Automotive Memory Chip Average Price (US\$/Unit) of Key Manufacturers (2018-2023)

Table 10. Global Automotive Memory Chip Industry Manufacturers Ranking, 2021 VS 2022 VS 2023

Table 11. Global Automotive Memory Chip Manufacturers, Product Type & Application

Table 12. Global Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 13. Global Automotive Memory Chip by Manufacturers Type (Tier 1, Tier 2, and Tier 3) & (based on the Production Value of 2022)

Table 14. Manufacturers Mergers & Acquisitions, Expansion Plans)

Table 15. Micron Automotive Memory Chip Company Information

Table 16. Micron Business Overview

Table 17. Micron Automotive Memory Chip Production (M Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 18. Micron Product Portfolio

Table 19. Micron Recent Developments

Table 20. Samsung Automotive Memory Chip Company Information

Table 21. Samsung Business Overview

Table 22. Samsung Automotive Memory Chip Production (M Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 23. Samsung Product Portfolio

Table 24. Samsung Recent Developments

Table 25. SK hynix Automotive Memory Chip Company Information

Table 26. SK hynix Business Overview

Table 27. SK hynix Automotive Memory Chip Production (M Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 28. SK hynix Product Portfolio

Table 29. SK hynix Recent Developments

Table 30. STMicroelectronics Automotive Memory Chip Company Information

Table 31. STMicroelectronics Business Overview

Table 32. STMicroelectronics Automotive Memory Chip Production (M Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 33. STMicroelectronics Product Portfolio

Table 34. STMicroelectronics Recent Developments

Table 35. ISSI Automotive Memory Chip Company Information

Table 36. ISSI Business Overview

Table 37. ISSI Automotive Memory Chip Production (M Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 38. ISSI Product Portfolio

Table 39. ISSI Recent Developments

Table 40. Nanya Automotive Memory Chip Company Information

Table 41. Nanya Business Overview

Table 42. Nanya Automotive Memory Chip Production (M Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 43. Nanya Product Portfolio

Table 44. Nanya Recent Developments

Table 45. Winbond Automotive Memory Chip Company Information

Table 46. Winbond Business Overview

Table 47. Winbond Automotive Memory Chip Production (M Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 48. Winbond Product Portfolio

Table 49. Winbond Recent Developments

Table 50. On Semi Automotive Memory Chip Company Information

Table 51. On Semi Business Overview

Table 52. On Semi Automotive Memory Chip Production (M Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 53. On Semi Product Portfolio

Table 54. On Semi Recent Developments

Table 55. Cypress Automotive Memory Chip Company Information

Table 56. Cypress Business Overview

Table 57. Cypress Automotive Memory Chip Production (M Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 58. Cypress Product Portfolio

Table 59. Cypress Recent Developments

Table 60. GigaDevice Automotive Memory Chip Company Information

Table 61. GigaDevice Business Overview

Table 62. GigaDevice Automotive Memory Chip Production (M Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 63. GigaDevice Product Portfolio

Table 64. GigaDevice Recent Developments

Table 65. WesternDigital Automotive Memory Chip Company Information

Table 66. WesternDigital Business Overview

Table 67. WesternDigital Automotive Memory Chip Production (M Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 68. WesternDigital Product Portfolio

Table 69. WesternDigital Recent Developments

Table 70. Kioxia Automotive Memory Chip Company Information

Table 71. Kioxia Business Overview

Table 72. Kioxia Automotive Memory Chip Production (M Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 73. Kioxia Product Portfolio

Table 74. Kioxia Recent Developments

Table 75. Giantec-semi Automotive Memory Chip Company Information

Table 76. Giantec-semi Business Overview

Table 77. Giantec-semi Automotive Memory Chip Production (M Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 78. Giantec-semi Product Portfolio

Table 79. Giantec-semi Recent Developments

Table 80. Macronix Automotive Memory Chip Company Information

Table 81. Macronix Business Overview

Table 82. Macronix Automotive Memory Chip Production (M Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 83. Macronix Product Portfolio

Table 84. Macronix Recent Developments

Table 85. Macronix Automotive Memory Chip Company Information

Table 86. ICMAX Business Overview

Table 87. ICMAX Automotive Memory Chip Production (M Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 88. ICMAX Product Portfolio

Table 89. ICMAX Recent Developments

Table 90. Global Automotive Memory Chip Production Comparison by Region: 2018 VS 2022 VS 2029 (M Units)

Table 91. Global Automotive Memory Chip Production by Region (2018-2023) & (M Units)

Table 92. Global Automotive Memory Chip Production Market Share by Region (2018-2023)

Table 93. Global Automotive Memory Chip Production Forecast by Region (2024-2029) & (M Units)

Table 94. Global Automotive Memory Chip Production Market Share Forecast by Region (2024-2029)

Table 95. Global Automotive Memory Chip Production Value Comparison by Region: 2018 VS 2022 VS 2029 (US\$ Million)

Table 96. Global Automotive Memory Chip Production Value by Region (2018-2023) & (US\$ Million)

Table 97. Global Automotive Memory Chip Production Value Market Share by Region (2018-2023)

Table 98. Global Automotive Memory Chip Production Value Forecast by Region (2024-2029) & (US\$ Million)

Table 99. Global Automotive Memory Chip Production Value Market Share Forecast by Region (2024-2029)

Table 100. Global Automotive Memory Chip Market Average Price (US\$/Unit) by Region (2018-2023)

Table 101. Global Automotive Memory Chip Consumption Comparison by Region: 2018 VS 2022 VS 2029 (M Units)

Table 102. Global Automotive Memory Chip Consumption by Region (2018-2023) & (M Units)

Table 103. Global Automotive Memory Chip Consumption Market Share by Region (2018-2023)

Table 104. Global Automotive Memory Chip Forecasted Consumption by Region (2024-2029) & (M Units)

Table 105. Global Automotive Memory Chip Forecasted Consumption Market Share by Region (2024-2029)

Table 106. North America Automotive Memory Chip Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (M Units)

Table 107. North America Automotive Memory Chip Consumption by Country (2018-2023) & (M Units)

Table 108. North America Automotive Memory Chip Consumption by Country (2024-2029) & (M Units)

Table 109. Europe Automotive Memory Chip Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (M Units)

Table 110. Europe Automotive Memory Chip Consumption by Country (2018-2023) &

(M Units)

Table 111. Europe Automotive Memory Chip Consumption by Country (2024-2029) & (M Units)

Table 112. Asia Pacific Automotive Memory Chip Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (M Units)

Table 113. Asia Pacific Automotive Memory Chip Consumption by Country (2018-2023) & (M Units)

Table 114. Asia Pacific Automotive Memory Chip Consumption by Country (2024-2029) & (M Units)

Table 115. Latin America, Middle East & Africa Automotive Memory Chip Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (M Units)

Table 116. Latin America, Middle East & Africa Automotive Memory Chip Consumption by Country (2018-2023) & (M Units)

Table 117. Latin America, Middle East & Africa Automotive Memory Chip Consumption by Country (2024-2029) & (M Units)

Table 118. Global Automotive Memory Chip Production by Type (2018-2023) & (M Units)

Table 119. Global Automotive Memory Chip Production by Type (2024-2029) & (M Units)

Table 120. Global Automotive Memory Chip Production Market Share by Type (2018-2023)

Table 121. Global Automotive Memory Chip Production Market Share by Type (2024-2029)

Table 122. Global Automotive Memory Chip Production Value by Type (2018-2023) & (US\$ Million)

Table 123. Global Automotive Memory Chip Production Value by Type (2024-2029) & (US\$ Million)

Table 124. Global Automotive Memory Chip Production Value Market Share by Type (2018-2023)

Table 125. Global Automotive Memory Chip Production Value Market Share by Type (2024-2029)

Table 126. Global Automotive Memory Chip Price by Type (2018-2023) & (US\$/Unit)

Table 127. Global Automotive Memory Chip Price by Type (2024-2029) & (US\$/Unit)

Table 128. Global Automotive Memory Chip Production by Application (2018-2023) & (M Units)

Table 129. Global Automotive Memory Chip Production by Application (2024-2029) & (M Units)

Table 130. Global Automotive Memory Chip Production Market Share by Application (2018-2023)

Table 131. Global Automotive Memory Chip Production Market Share by Application (2024-2029)

Table 132. Global Automotive Memory Chip Production Value by Application (2018-2023) & (US\$ Million)

Table 133. Global Automotive Memory Chip Production Value by Application (2024-2029) & (US\$ Million)

Table 134. Global Automotive Memory Chip Production Value Market Share by Application (2018-2023)

Table 135. Global Automotive Memory Chip Production Value Market Share by Application (2024-2029)

Table 136. Global Automotive Memory Chip Price by Application (2018-2023) & (US\$/Unit)

Table 137. Global Automotive Memory Chip Price by Application (2024-2029) & (US\$/Unit)

Table 138. Key Raw Materials

Table 139. Raw Materials Key Suppliers

Table 140. Automotive Memory Chip Distributors List

Table 141. Automotive Memory Chip Customers List

Table 142. Automotive Memory Chip Industry Trends

Table 143. Automotive Memory Chip Industry Drivers

Table 144. Automotive Memory Chip Industry Restraints

Table 145. Authors List of This Report

List Of Figures

LIST OF FIGURES

Figure 1. Research Methodology

Figure 2. Research Process

Figure 3. Key Executives Interviewed

Figure 4. Automotive Memory Chip Product Picture

Figure 5. Market Value Comparison by Type (2018 VS 2022 VS 2029) & (US\$ Million)

Figure 6. DRAM Product Picture

Figure 7. NOR Product Picture

Figure 8. NAND Product Picture

Figure 9. SRAM Product Picture

Figure 10. EEPROM Product Picture

Figure 11. Car Infotainment System Product Picture

Figure 12. Advanced Driver Assistance System (ADAS) Product Picture

Figure 13. Remote Information Control Unit (T-Box) Product Picture

Figure 14. Digital Instrument Panel Product Picture

Figure 15. Global Automotive Memory Chip Production Value (US\$ Million), 2018 VS 2022 VS 2029

Figure 16. Global Automotive Memory Chip Production Value (2018-2029) & (US\$ Million)

Figure 17. Global Automotive Memory Chip Production Capacity (2018-2029) & (M Units)

Figure 18. Global Automotive Memory Chip Production (2018-2029) & (M Units)

Figure 19. Global Automotive Memory Chip Average Price (US\$/Unit) & (2018-2029)

Figure 20. Global Automotive Memory Chip Key Manufacturers, Manufacturing Sites & Headquarters

Figure 21. Global Automotive Memory Chip Manufacturers, Date of Enter into This Industry

Figure 22. Global Top 5 and 10 Automotive Memory Chip Players Market Share by Production Value in 2022

Figure 23. Manufacturers Type (Tier 1, Tier 2, and Tier 3): 2018 VS 2022

Figure 24. Global Automotive Memory Chip Production Comparison by Region: 2018 VS 2022 VS 2029 (M Units)

Figure 25. Global Automotive Memory Chip Production Market Share by Region: 2018 VS 2022 VS 2029

Figure 26. Global Automotive Memory Chip Production Value Comparison by Region: 2018 VS 2022 VS 2029 (US\$ Million)

- Figure 27. Global Automotive Memory Chip Production Value Market Share by Region: 2018 VS 2022 VS 2029
- Figure 28. North America Automotive Memory Chip Production Value (US\$ Million) Growth Rate (2018-2029)
- Figure 29. Europe Automotive Memory Chip Production Value (US\$ Million) Growth Rate (2018-2029)
- Figure 30. China Automotive Memory Chip Production Value (US\$ Million) Growth Rate (2018-2029)
- Figure 31. Japan Automotive Memory Chip Production Value (US\$ Million) Growth Rate (2018-2029)
- Figure 32. South Korea Automotive Memory Chip Production Value (US\$ Million) Growth Rate (2018-2029)
- Figure 33. Global Automotive Memory Chip Consumption Comparison by Region: 2018 VS 2022 VS 2029 (M Units)
- Figure 34. Global Automotive Memory Chip Consumption Market Share by Region: 2018 VS 2022 VS 2029
- Figure 35. North America Automotive Memory Chip Consumption and Growth Rate (2018-2029) & (M Units)
- Figure 36. North America Automotive Memory Chip Consumption Market Share by Country (2018-2029)
- Figure 37. United States Automotive Memory Chip Consumption and Growth Rate (2018-2029) & (M Units)
- Figure 38. Canada Automotive Memory Chip Consumption and Growth Rate (2018-2029) & (M Units)
- Figure 39. Europe Automotive Memory Chip Consumption and Growth Rate (2018-2029) & (M Units)
- Figure 40. Europe Automotive Memory Chip Consumption Market Share by Country (2018-2029)
- Figure 41. Germany Automotive Memory Chip Consumption and Growth Rate (2018-2029) & (M Units)
- Figure 42. France Automotive Memory Chip Consumption and Growth Rate (2018-2029) & (M Units)
- Figure 43. U.K. Automotive Memory Chip Consumption and Growth Rate (2018-2029) & (M Units)
- Figure 44. Italy Automotive Memory Chip Consumption and Growth Rate (2018-2029) & (M Units)
- Figure 45. Netherlands Automotive Memory Chip Consumption and Growth Rate (2018-2029) & (M Units)
- Figure 46. Asia Pacific Automotive Memory Chip Consumption and Growth Rate

(2018-2029) & (M Units)

Figure 47. Asia Pacific Automotive Memory Chip Consumption Market Share by Country (2018-2029)

Figure 48. China Automotive Memory Chip Consumption and Growth Rate (2018-2029) & (M Units)

Figure 49. Japan Automotive Memory Chip Consumption and Growth Rate (2018-2029) & (M Units)

Figure 50. South Korea Automotive Memory Chip Consumption and Growth Rate (2018-2029) & (M Units)

Figure 51. China Taiwan Automotive Memory Chip Consumption and Growth Rate (2018-2029) & (M Units)

Figure 52. Southeast Asia Automotive Memory Chip Consumption and Growth Rate (2018-2029) & (M Units)

Figure 53. India Automotive Memory Chip Consumption and Growth Rate (2018-2029) & (M Units)

Figure 54. Australia Automotive Memory Chip Consumption and Growth Rate (2018-2029) & (M Units)

Figure 55. Latin America, Middle East & Africa Automotive Memory Chip Consumption and Growth Rate (2018-2029) & (M Units)

Figure 56. Latin America, Middle East & Africa Automotive Memory Chip Consumption Market Share by Country (2018-2029)

Figure 57. Mexico Automotive Memory Chip Consumption and Growth Rate (2018-2029) & (M Units)

Figure 58. Brazil Automotive Memory Chip Consumption and Growth Rate (2018-2029) & (M Units)

Figure 59. Turkey Automotive Memory Chip Consumption and Growth Rate (2018-2029) & (M Units)

Figure 60. GCC Countries Automotive Memory Chip Consumption and Growth Rate (2018-2029) & (M Units)

Figure 61. Global Automotive Memory Chip Production Market Share by Type (2018-2029)

Figure 62. Global Automotive Memory Chip Production Value Market Share by Type (2018-2029)

Figure 63. Global Automotive Memory Chip Price (US\$/Unit) by Type (2018-2029)

Figure 64. Global Automotive Memory Chip Production Market Share by Application (2018-2029)

Figure 65. Global Automotive Memory Chip Production Value Market Share by Application (2018-2029)

Figure 66. Global Automotive Memory Chip Price (US\$/Unit) by Application (2018-2029)

Figure 67. Automotive Memory Chip Value Chain

Figure 68. Automotive Memory Chip Production Mode & Process

Figure 69. Direct Comparison with Distribution Share

Figure 70. Distributors Profiles

Figure 71. Automotive Memory Chip Industry Opportunities and Challenges

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