

Global Automotive Memory Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global Automotive Memory market size was valued at US\$ 4390 million in 2024 and is forecast to a readjusted size of USD 7902 million by 2031 with a CAGR of 8.9% during review period.

Automotive Memory, also known as semiconductor memory, is a memory that uses semiconductor circuits as storage media. It is a memory device used to store binary data. It is an important part of modern digital systems. With the development of automobile intelligence and networking, vehicles need Processing and storing more video, voice and other data information has led to increasing demand and performance requirements for memory chips in automobiles. Therefore, the automotive industry has gradually become an important market growth area for memory chips.

Global key players of Automotive Memory include Micron Technology, Samsung, SK Hynix Semiconductor, ISSI (Integrated Silicon Solution Inc.), KIOXIA, etc. The top five players hold a share about 78%. Asia-Pacific is the largest market, and has a share about 40%, followed by North America and Europe with share 30% and 24%, separately. In terms of product type, DRAM is the largest segment, accounting for a share of 43%. In terms of application, Advanced Driver Assistance Systems (ADAS) is the largest downstream area, accounting for 55% of the share.

This report is a detailed and comprehensive analysis for global Automotive Memory market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and

product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Automotive Memory market size and forecasts, in consumption value (\$ Million), sales quantity (Million Units), and average selling prices (USD/Unit), 2020-2031

Global Automotive Memory market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Million Units), and average selling prices (USD/Unit), 2020-2031

Global Automotive Memory market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Million Units), and average selling prices (USD/Unit), 2020-2031

Global Automotive Memory market shares of main players, shipments in revenue (\$ Million), sales quantity (Million Units), and ASP (USD/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 Automotive Memory

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

To forecast future factors affecting the marketplace

This report profiles key players in the global Automotive Memory 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 Micron Technology, Samsung, SK Hynix Semiconductor, ISSI (Integrated Silicon Solution Inc.), KIOXIA, STMicroelectronics, Cypress (Infineon), Western Digital, onsemi, Nanya Technology, etc.

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

Market Segmentation

Automotive Memory 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

DRAM

NOR

NAND

SRAM

EEPROM

Market segment by Application

Vehicle Infotainment Systems

Advanced Driver Assistance Systems (ADAS)

Telematics Control Unit (T-box)

Digital Dashboards

Major players covered

Micron Technology

Samsung

SK Hynix Semiconductor

ISSI (Integrated Silicon Solution Inc.)

KIOXIA

STMicroelectronics

Cypress (Infineon)

Western Digital

onsemi

Nanya Technology

Winbond

GigaDevice

Macronix

Giantec Semiconductor

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

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

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

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Automotive Memory product scope, market overview, market estimation caveats and base year.

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

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

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

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

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and Automotive Memory market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Automotive Memory.

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

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