

Global Embedded Non-Volatile Memory Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global Embedded Non-Volatile Memory market size was valued at USD 8092.7 million in 2023 and is forecast to a readjusted size of USD 22850 million by 2030 with a CAGR of 16.0% during review period.

Embedded non-volatile memory (eNVM) has become an important and essential IP that adds flexibility to electronic products and helps accelerate time-to-market. UMC offers state-of-the-art embedded non-volatile solutions to meet a variety of embedded system applications. High quality embedded non-volatile memories (eFuse, eOTP, eMTP, eE2 PROM and eFlash) can be used for trimming, redundancy, data encryption, ID, coding and programming.

Global Embedded Non-Volatile Memory key players include TSMC, GlobalFoundries, UMC (Incl. Fujitsu), SMIC, etc. Global top our manufacturers hold a share over 70%.

Asia-Pacific is the largest market, with a share about 45%, followed by Europe, and North America, both have a share about 50 percent.

In terms of product, eFlash is the largest segment, with a share nearly 50%. And in terms of application, the largest application is Consumer Electronics, followed by Automotive, Telecommunications, IoT, etc.

The Global Info Research report includes an overview of the development of the Embedded Non-Volatile Memory industry chain, the market status of Consumer Electronics (eFlash, eE2PROM), IoT (eFlash, eE2PROM), and key enterprises in



developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Embedded Non-Volatile Memory.

Regionally, the report analyzes the Embedded Non-Volatile Memory markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Embedded Non-Volatile Memory market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Embedded Non-Volatile Memory market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Embedded Non-Volatile Memory industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (M Units), revenue generated, and market share of different by Type (e.g., eFlash, eE2PROM).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Embedded Non-Volatile Memory market.

Regional Analysis: The report involves examining the Embedded Non-Volatile Memory market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Embedded Non-Volatile Memory market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Embedded Non-Volatile Memory:



Company Analysis: Report covers individual Embedded Non-Volatile Memory manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Embedded Non-Volatile Memory This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Consumer Electronics, IoT).

Technology Analysis: Report covers specific technologies relevant to Embedded Non-Volatile Memory. It assesses the current state, advancements, and potential future developments in Embedded Non-Volatile Memory areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Embedded Non-Volatile Memory market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Embedded Non-Volatile Memory market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

eFlash

eE2PROM

eOTP or eMTP

eFRAM



eMRAM

Others			
Market segment by A	Application		
Consumer El	Consumer Electronics		
IoT			
Telecommun	ications		
Automotive			
Others			
Major players covere	ed		
TSMC			
GlobalFound	ries		
UMC (Incl. F	ujitsu)		
SMIC			
Samsung			
HHGrace			
TowerJazz			
Microchip Te	chnology		
TI			



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 Embedded Non-Volatile Memory product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Embedded Non-Volatile Memory, with price, sales, revenue and global market share of Embedded Non-Volatile Memory from 2019 to 2024.

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

Chapter 4, the Embedded Non-Volatile Memory breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

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 2017 to 2023.and Embedded Non-Volatile Memory market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.



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 Embedded Non-Volatile Memory.

Chapter 14 and 15, to describe Embedded Non-Volatile Memory sales channel, distributors, customers, research findings and conclusion.



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