

Global Memory Semiconductor Packaging Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Memory Semiconductor Packaging market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

Since the outbreak of the epidemic in 2020, remote office, online education, streaming media and other applications have triggered an increase in demand for consumer electronics and cloud services, and the global Digital transformation has accelerated. At the same time, the semiconductor industry, including storage chips, has formed a global comprehensive shortage wave that has lasted for nearly two years due to sudden demand and accelerated supply chain hoarding.

However, since the third quarter of 2021, the comprehensive shortage of supply and demand has transformed into a structural imbalance between supply and demand. The phenomenon of long and short materials continues to ferment in major end markets, and the inventory level of enterprises is gradually piling up, leading to a cycle of inventory adjustment downstream. In 2022, under the impact of a series of events such as the Russia-Ukraine conflict, the resurgence of the epidemic, and rising inflation, the risk of global economic downturn has intensified. The demand for smart phones, PCs and other technology products is rapidly declining. The dilemma of 'low demand and high inventory' is constantly fermenting, leading to a rapid change in the supply and demand relationship. The market situation of oversupply has led to further decline in the market.

The three-year 'pandemic dividend' has subsided, and 2022 has become a turning point, bringing the growth of the storage market to an end. According to the CFM flash memory market, the NAND Flash market capacity is expected to grow by 6% to 610 B

GB in 2022, while the DRAM market capacity is expected to grow by 4% to 194 B Gb. Compared to the previous NAND Flash and DRAM, which maintained growth rates of over 30% and 20% respectively, the growth rates of 6% and 4% in 2022 are undoubtedly at historical lows. It is expected to return to the growth rates of 20% and 10% in 2023 under the premise of improved demand.

Packaging is an essential part of semiconductor manufacturing and design. It affects power, performance, and cost on a macro level, and the basic functionality of all chips on a micro level. The package is the container that holds the semiconductor die. The packaging may be done by a separate vendor, the OSAT, although foundries are expanding their packaging efforts. The package protects the die, connects the chip to a board or other chips, and may dissipate heat. This report focuses on Memory Semiconductor Packaging market.

This report studies the global Memory Semiconductor Packaging demand, key companies, and key regions.

This report is a detailed and comprehensive analysis of the world market for Memory Semiconductor Packaging, 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 Memory Semiconductor Packaging that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Memory Semiconductor Packaging total market, 2018-2029, (USD Million)

Global Memory Semiconductor Packaging total market by region & country, CAGR, 2018-2029, (USD Million)

U.S. VS China: Memory Semiconductor Packaging total market, key domestic companies and share, (USD Million)

Global Memory Semiconductor Packaging revenue by player and market share 2018-2023, (USD Million)

Global Memory Semiconductor Packaging total market by Type, CAGR, 2018-2029, (USD Million)

Global Memory Semiconductor Packaging total market by Application, CAGR, 2018-2029, (USD Million)

This reports profiles major players in the global Memory Semiconductor Packaging market based on the following parameters – company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Samsung, Micron, Hynix, Amkor, YMTC and CXMT, 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 Memory Semiconductor Packaging market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), by player, by regions, 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 Memory Semiconductor Packaging Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Memory Semiconductor Packaging Market, Segmentation by Type

OSATs

IDM

Global Memory Semiconductor Packaging Market, Segmentation by Application

DRAM

3D NAND

SRAM

Others

Companies Profiled:

Samsung

Micron

Hynix

Amkor

YMTC

CXMT

Key Questions Answered

1. How big is the global Memory Semiconductor Packaging market?

2. What is the demand of the global Memory Semiconductor Packaging market?
3. What is the year over year growth of the global Memory Semiconductor Packaging market?
4. What is the total value of the global Memory Semiconductor Packaging market?
5. Who are the major players in the global Memory Semiconductor Packaging market?
6. What are the growth factors driving the market demand?

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