

FRAM Market Size to grow at a CAGR of 3.78% by 2030 | Rising demand for FRAM in automotive & electronic application

FRAM Market Growth by Product Type, Interface, Application, and Region | The growing popularity of FRAM-based smart meters

NEW YORK CITY, NY, US, April 17, 2023 /EINPresswire.com/ -- The rising demand for FRAM in automotive and electronic applications is expected to fuel the growth of the global [FRAM Market](#), which is anticipated to reach USD 343.2 million by 2025 at a CAGR of 3.78%.



FRAM, or ferroelectric random-access memory, is another name for it. All the information is kept in a low-power, non-volatile, and high-performance memory that uses ferroelectric film. FRAM combines traditional non-volatile memory with high-speed RAM. It offers easy access for writing and reading, as well as the capacity to preserve data even when the power is off.

The faster read, reduced power consumption, quicker write operations, and numerous write and erase cycles are among the few benefits of FRAM. The key driver of market development is the rising demand for FRAM in automotive and electronic applications.

About all of the FRAM modules used in electrical equipment are made in China. The coronavirus outbreak from China, however, had a significant impact on both businesses. Lockdowns and shutdowns prompted by the virus's rapid spread have disrupted supply chain activities and forced the closure of industrial firms in a number of areas.

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The decline in the manufacturing of new automobiles, electronic devices, and auto parts has had a significant impact on industry development and, as a result, the increase of market demand.

Also, the development of the FRAM industry has been influenced by the rise in the use of smart metres built on FRAM.

Many businesses in marketplaces and sectors desire energy-efficient gadgets that record a variety of actions well. One of the primary factors propelling the FRAM market's expansion is this. FRAM recording methods are being adopted by an increasing variety of sectors. Automobile, Technology, and telecommunications are a few of these.

Several businesses see FRAM as a competitive alternative to memory recording technologies that are extremely reactive and sensitive to even minute changes in electrical voltage. Moreover, FRAM recording memory systems have a greater capacity for data and information storage while consuming less power. For the businesses that employ them, this leads to genuine financial savings. The FRAM industry is predicted to have genuine expansion over the next few years thanks to the second driving force of growth.

FRAM Market Key Players:

- Texas Instruments (United states),
- Cypress Semiconductor Corp.,
- Rohm Co., Ltd.,
- Fujitsu Ltd. (US)

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FRAM Market Geographical Analysis

The Asia-Pacific area is where FRAM devices are mostly sold. In spite of this, FRAM devices are offered and utilised throughout South America, the Middle East, North Africa, North America, and the European Union. The Asia-Pacific region's FRAM market has a 2018 value of USD 114.5 million. Throughout the time period under study, the Asia-Pacific area is likewise anticipated to have the greatest regional CAGR.

In terms of economic growth, political influence, and population size, China is a heavyweight. China is expanding into the production of sophisticated smart electronics. Because of this, China is anticipated to play a significant role in the production and export of FRAM memory recording devices.

FRAM Market Segmentation:

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metres built on FRAM.

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Among all the subsegments in the application segment, the telecommunications subsegment had the highest market share and value. Nonetheless, given the considerable demand for FRAM devices in the automotive industry, this subsegment saw a high CAGR over the studied period.

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