

Global MRAM Market 2018 by Manufacturers, Countries, Type and Application, Forecast to 2023

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Abstracts

Magnetoresistive random-access memory (MRAM) is a type of memory technology that uses electron spin to store information. This memory type can replace DRAM and SRAM and has the potential to become the universal memory. MRAM combines the densities of storage memory with the speed of SRAM and is nonvolatile and power efficient. Due to the rising demand for fast, low power consuming, scalable, and nonvolatile memory devices, the global market for MRAM will grow in the future. MRAM has features of both static random-access memory (SRAM) and dynamic random-access memory (DRAM). Thus, it is useful in designing flexible circuits for different devices.

Scope of the Report:

This report studies the MRAM market status and outlook of Global and major regions, from angles of players, countries, product types and end industries; this report analyzes the top players in global market, and splits the MRAM market by product type and applications/end industries.

On account of the rising demand for fast, scalable, low power consuming, and non-volatile memory devices, especially in the automotive, enterprise storage, and aerospace and defense sectors, the global market for magneto resistive RAM (MRAM) is likely to gain significant impetus over the forthcoming years.

MRAM is a type of nonvolatile memory that utilizes magnetic charges for storing data instead of electric charges as in the case of DRAM and SRAM technologies. MRAM offers the added advantage of higher density in terms of writing and reading speed. In addition, MRAM retains the data even when turned off and consumes less amount of electricity, unlike DRAM and SRAM.

The global MRAM market is valued at xx million USD in 2017 and is expected to reach

xx million USD by the end of 2023, growing at a CAGR of xx% between 2017 and 2023.

The Asia-Pacific will occupy for more market share in following years, especially in China, also fast growing India and Southeast Asia regions.

North America, especially The United States, will still play an important role which cannot be ignored. Any changes from United States might affect the development trend of MRAM.

Europe also play important roles in global market, with market size of xx million USD in 2017 and will be xx million USD in 2023, with a CAGR of xx%.

Market Segment by Companies, this report covers

Avalanche Technology

Crocus Nanoelectronics

Everspin Technologies

CANON ANELVA

Cobham

Crocus Technology

FUJITSU

Honeywell

SK Hynix

Spin Transfer Technologies

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

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

South America (Brazil, Argentina, Colombia)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Toggle MRAM

STT-MRAM

Market Segment by Applications, can be divided into

Automotive

Enterprise storage

Consumer electronics

Robotics

Aircraft and defense

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