

# Global MAGNETO RESISTIVE RAM (MRAM) Market Size study, by Type (Toggle MRAM and Spin-Transfer Torque MRAM), Application (Consumer Electronics, Robotics, Automotive, Enterprise Storage, Aerospace and Defense), and Regional Forecasts 2021-2027

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## Abstracts

Global MAGNETO RESISTIVE RAM (MRAM) Market is valued at approximately USD xx billion in 2020 and is anticipated to grow with a healthy growth rate of more than 62.12% over the forecast period 2021-2027. When compared to traditional NAND, MRAM outperforms it by being significantly faster, consuming less power, and keeping data even in the absence of power. In comparison to DRAMs and SRAMs, these memories offer a lot of room for expansion and can read and write data quickly. This industry's growth is predicted to be fueled by rising demand for wearables and flexible electronic products. Flexible magnetic memory are required for data processing and storage in these technological products. Increased investment and development into next-generation read access memory would allow for new product applications and accelerate industry growth. Due to the rapid use of artificial intelligence in a very industry, Coughlin Associates Limited anticipates stand-alone MRAM and STT-MRAM revenues to grow 170X from 2018 to 2029 (with shipments growing faster as prices continue to reduce). Furthermore, the rising manufacturing cost of MRAM is projected to be a key issue for competitors in the Magneto Resistive RAM (MRAM) Market. Whereas, due to their use in a number of applications in the enterprise, consumer electronics, robotics, aerospace & military, and industrial sectors, among others, the launch of new products for embedded and standalone memories is likely to give an opportunity for growth in forecasting years.

The main regions of Asia Pacific, North America, Europe, Latin America, and the Rest

of the World are included in the geographical analysis of the worldwide MAGNETO RESISTIVE RAM (MRAM) market. In 2020, the North America region dominated the MAGNETO RESISTIVE RAM (MRAM)s market, accounting for a significant amount of total revenue due to the rising research and development activities in this region. Moreover, Asia pacific region will be the fastest region in forecasting years due to the rising demand of smart wearables products and increasing digitalization in various developing countries such as China, India, and others will propel this region during the projection period.

Major market players included in this report are:

Avalanche Technology, Inc.  
Everspin Technologies, Inc.  
Honeywell International, Inc.  
Intel Corporation  
NVE Corporation  
Qualcomm, Inc.  
Samsung Electronics Co. Ltd.  
Spin Transfer Technologies  
Toshiba Corporation  
Crocus Nano Electronics LLC

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values for the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of the competitive landscape and Mode of Operation offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type:

Toggle MRAM  
Spin-Transfer Torque MRAM

By Offering:

Stand-alone  
Embedded

By Application:

Consumer Electronics  
Robotics  
Enterprise Storage

Automotive  
Aerospace and Defence  
Others  
By Region:  
North America  
U.S.  
Canada  
Europe  
UK  
Germany  
France  
Spain  
Italy  
ROE

Asia Pacific  
China  
India  
Japan  
Australia  
South Korea  
RoAPAC  
Latin America  
Brazil  
Mexico  
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019  
Base year – 2020  
Forecast period – 2021 to 2027

Target Audience of the Global MAGNETO RESISTIVE RAM (MRAM) Market in Market Study:

Key Consulting Companies & Advisors  
Large, medium-sized, and small enterprises  
Venture capitalists

Value-Added Resellers (VARs)  
Third-party knowledge providers  
Investment bankers  
Investors

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