

# STT-RAM (Spin-Transfer-Torque RAM) Market, Global Outlook and Forecast 2022-2028

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## Abstracts

STTRAM is a type of MRAM which is based on magnetic tunnel junctions (MTJs), with the configuration of 1T1MTJ. In MTJ, two ferromagnetic (FM) layers—one has fixed magnetic orientation, and the other has free magnetic orientation—are usually separated by a tunnel oxide barrier. The parallel magnetic orientation of both FM layers (typically 1–2 nm MgO) is the LRS of the cell, and the anti-parallel magnetic alignment switches the cell in HRS. As compared to typical MRAM design, STTRAM has high scalability, simple architecture, lower power consumption, and faster operation

This report contains market size and forecasts of STT-RAM (Spin-Transfer-Torque RAM) in global, including the following market information:

Global STT-RAM (Spin-Transfer-Torque RAM) Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global STT-RAM (Spin-Transfer-Torque RAM) Market Sales, 2017-2022, 2023-2028, (K Units)

Global top five STT-RAM (Spin-Transfer-Torque RAM) companies in 2021 (%)

The global STT-RAM (Spin-Transfer-Torque RAM) market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

1T1MTJ Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of STT-RAM (Spin-Transfer-Torque RAM) include Everspin Technologies, Buffalo, Intel, Crocus Nano Electronics, Avalanche Technology, Crocus Technology, Spin Memory, IBM and Qaulcomm and etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the STT-RAM (Spin-Transfer-Torque RAM) manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global STT-RAM (Spin-Transfer-Torque RAM) Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global STT-RAM (Spin-Transfer-Torque RAM) Market Segment Percentages, by Type, 2021 (%)

1T1MTJ

Perpendicular MTJ

Global STT-RAM (Spin-Transfer-Torque RAM) Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global STT-RAM (Spin-Transfer-Torque RAM) Market Segment Percentages, by Application, 2021 (%)

Mobile and Consumer

Automotive

Industrial

Data Center

Global STT-RAM (Spin-Transfer-Torque RAM) Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global STT-RAM (Spin-Transfer-Torque RAM) Market Segment Percentages, By Region and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

## Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies STT-RAM (Spin-Transfer-Torque RAM) revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies STT-RAM (Spin-Transfer-Torque RAM) revenues share in global market, 2021 (%)

Key companies STT-RAM (Spin-Transfer-Torque RAM) sales in global market, 2017-2022 (Estimated), (K Units)

Key companies STT-RAM (Spin-Transfer-Torque RAM) sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Everspin Technologies

Buffalo

Intel

Crocus Nano Electronics

Avalanche Technology

Crocus Technology

Spin Memory

IBM

Qaulcomm

Samsung

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