

Global STT-MRAM Chips Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/GAD27349515FEN.html>

Date: June 2026

Pages: 89

Price: US\$ 3,480.00 (Single User License)

ID: GAD27349515FEN

Abstracts

According to our (Global Info Research) latest study, the global STT-MRAM Chips market size was valued at US\$ 510 million in 2025 and is forecast to a readjusted size of US\$ 1628 million by 2032 with a CAGR of 18.0% during review period.

STT-MRAM chips are non-volatile memory products that use magnetic tunnel junctions as the core storage element and rely on spin-transfer torque for write operations. Their value lies in simultaneously addressing critical requirements such as power-loss data retention, low latency, high endurance, high-temperature reliability, and fast random read and write performance. As a result, they can serve either as discrete memory chips replacing parts of NOR Flash, EEPROM, FeRAM, and nvSRAM, or as embedded eMRAM platforms integrated into MCUs, SoCs, and automotive-grade devices. Commercialization has now evolved along two paths. One path consists of discrete devices from suppliers such as Everspin, Renesas, NETSOL, Siproin, Avalanche, and HIKSTOR, covering SPI, QSPI, xSPI, IIC, parallel, and high-reliability specialized products for code storage, boot configuration, data logging, cache persistence, and sudden power-loss protection. The other path consists of embedded MRAM process and platform services from Samsung Foundry, GF, TSMC, UMC, and HIKSTOR, targeting automotive electronics, industrial control, the Internet of Things, edge AI, and high-reliability SoCs. Major customers include MCU and SoC vendors, industrial equipment suppliers, automotive Tier 1 companies, smart metering vendors, aerospace and defense system providers, and enterprise storage equipment companies, while the common business models include discrete chip sales, process platform services, embedded IP or macro integration, and customized development.

The reason STT-MRAM chips show strong growth potential in this research is not that

they merely replace one traditional memory category, but that they simultaneously address several high-value requirements. Official product pages repeatedly highlight power-loss data retention, fast write speed, very high endurance, wide-temperature operation, and high reliability, which naturally position STT-MRAM for code storage, power-fail protection, data logging, cache persistence, boot configuration, and critical state retention in automotive and high-reliability systems. Compared with traditional NOR Flash, it is more attractive in write speed and endurance, while compared with SRAM it offers the additional advantage of non-volatility. This makes it easier to penetrate applications that require both real-time response and data security. Especially in industrial control, smart metering, edge devices, and software-defined vehicles, memory is no longer just a capacity component, but an important part of system response speed, upgrade capability, and security, which is the fundamental reason why STT-MRAM can scale commercially.

From the supply-side perspective, the STT-MRAM industry is no longer a market defined by a single type of device company. It has become a composite market jointly shaped by discrete chip vendors, fabless companies, foundries, and embedded platform providers. Everspin and Avalanche represent the product-driven route centered on high-performance and high-reliability discrete products, while Renesas, NETSOL, Siproin, and HIKSTOR cover broader industrial and embedded markets. Samsung Foundry, GF, TSMC, and UMC, by contrast, are pushing MRAM into the process layer of MCUs, SoCs, and automotive-grade chips, enabling STT-MRAM to evolve from an optional memory component into a foundational system-chip capability. This supply structure means future competition will not revolve only around the price of a single device, but increasingly around platform availability, process compatibility, automotive qualification, high-temperature capability, ecosystem coordination, and the pace of customer adoption, all of which will continue to raise barriers to entry.

Looking ahead over the next few years, I am inclined to take a relatively optimistic view of the industry. Three major forces are reinforcing one another. First, automotive electronics is pushing embedded non-volatile memory toward more advanced nodes and higher reliability grades, and automotive MRAM is no longer confined to laboratory validation. Second, aerospace and high-reliability markets demand radiation tolerance, instant write capability, and system simplification, making STT-MRAM a preferred solution in high-margin niche segments. Third, global semiconductor policy continues to emphasize domestic manufacturing, process platforms, and research capability, which gives platform-based MRAM stronger strategic value because it is tied directly to advanced manufacturing and critical system chips. As more suppliers expand from SPI, IIC, and parallel interfaces into xSPI, Dual QSPI, and more advanced eMRAM

platforms, the commercial opportunity for STT-MRAM will extend beyond simply replacing legacy memory and increasingly position it as a key building block in next-generation high-reliability non-volatile memory architectures.

This report is a detailed and comprehensive analysis for global STT-MRAM Chips market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global STT-MRAM Chips market size and forecasts, in consumption value (\$ Million), sales quantity (Million Units), and average selling prices (US\$/Unit), 2021-2032

Global STT-MRAM Chips market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Million Units), and average selling prices (US\$/Unit), 2021-2032

Global STT-MRAM Chips market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Million Units), and average selling prices (US\$/Unit), 2021-2032

Global STT-MRAM Chips market shares of main players, shipments in revenue (\$ Million), sales quantity (Million Units), and ASP (US\$/Unit), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for STT-MRAM Chips

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global STT-MRAM Chips market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Samsung Electronics Co., Ltd., Everspin Technologies, Inc., Avalanche Technology Inc., Renesas Electronics Corporation, NETSOL Co., Ltd., GLOBALFOUNDRIES Inc., Taiwan Semiconductor Manufacturing Company Limited, United Microelectronics Corporation, HIKSTOR, Shanghai Siproin Microelectronics Co., Ltd., etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

STT-MRAM Chips market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

14 nm

28 nm

Others

Market segment by Product Form

Discrete STT-MRAM Chips

Embedded MRAM Process Platforms

Market segment by Interface Type

IIC Interface

SPI Interface

Quad SPI And xSPI Interfaces

Parallel Interface

Platform Macros

Market segment by Application

Mobile and Consumer

Automotive

Industrial

Data Center

Major players covered

Samsung Electronics Co., Ltd.

Everspin Technologies, Inc.

Avalanche Technology Inc.

Renesas Electronics Corporation

NETSOL Co., Ltd.

GLOBALFOUNDRIES Inc.

Taiwan Semiconductor Manufacturing Company Limited

United Microelectronics Corporation

HIKSTOR

Shanghai Siproin Microelectronics Co., Ltd.

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

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

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe STT-MRAM Chips product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of STT-MRAM Chips, with price, sales quantity, revenue, and global market share of STT-MRAM Chips from 2021 to 2026.

Chapter 3, the STT-MRAM Chips competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the STT-MRAM Chips breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with

sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and STT-MRAM Chips market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of STT-MRAM Chips.

Chapter 14 and 15, to describe STT-MRAM Chips sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global STT-MRAM Chips Consumption Value by Type: 2021 Versus 2025 Versus 2032

1.3.2 14 nm

1.3.3 28 nm

1.3.4 Others

1.4 Market Analysis by Product Form

1.4.1 Overview: Global STT-MRAM Chips Consumption Value by Product Form: 2021 Versus 2025 Versus 2032

1.4.2 Discrete STT-MRAM Chips

1.4.3 Embedded MRAM Process Platforms

1.5 Market Analysis by Interface Type

1.5.1 Overview: Global STT-MRAM Chips Consumption Value by Interface Type: 2021 Versus 2025 Versus 2032

1.5.2 IIC Interface

1.5.3 SPI Interface

1.5.4 Quad SPI And xSPI Interfaces

1.5.5 Parallel Interface

1.5.6 Platform Macros

1.6 Market Analysis by Application

1.6.1 Overview: Global STT-MRAM Chips Consumption Value by Application: 2021 Versus 2025 Versus 2032

1.6.2 Mobile and Consumer

1.6.3 Automotive

1.6.4 Industrial

1.6.5 Data Center

1.7 Global STT-MRAM Chips Market Size & Forecast

1.7.1 Global STT-MRAM Chips Consumption Value (2021 & 2025 & 2032)

1.7.2 Global STT-MRAM Chips Sales Quantity (2021-2032)

1.7.3 Global STT-MRAM Chips Average Price (2021-2032)

2 MANUFACTURERS PROFILES

2.1 Samsung Electronics Co., Ltd.

2.1.1 Samsung Electronics Co., Ltd. Details

2.1.2 Samsung Electronics Co., Ltd. Major Business

2.1.3 Samsung Electronics Co., Ltd. STT-MRAM Chips Product and Services

2.1.4 Samsung Electronics Co., Ltd. STT-MRAM Chips Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.1.5 Samsung Electronics Co., Ltd. Recent Developments/Updates

2.2 Everspin Technologies, Inc.

2.2.1 Everspin Technologies, Inc. Details

2.2.2 Everspin Technologies, Inc. Major Business

2.2.3 Everspin Technologies, Inc. STT-MRAM Chips Product and Services

2.2.4 Everspin Technologies, Inc. STT-MRAM Chips Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.2.5 Everspin Technologies, Inc. Recent Developments/Updates

2.3 Avalanche Technology Inc.

2.3.1 Avalanche Technology Inc. Details

2.3.2 Avalanche Technology Inc. Major Business

2.3.3 Avalanche Technology Inc. STT-MRAM Chips Product and Services

2.3.4 Avalanche Technology Inc. STT-MRAM Chips Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.3.5 Avalanche Technology Inc. Recent Developments/Updates

2.4 Renesas Electronics Corporation

2.4.1 Renesas Electronics Corporation Details

2.4.2 Renesas Electronics Corporation Major Business

2.4.3 Renesas Electronics Corporation STT-MRAM Chips Product and Services

2.4.4 Renesas Electronics Corporation STT-MRAM Chips Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.4.5 Renesas Electronics Corporation Recent Developments/Updates

2.5 NETSOL Co., Ltd.

2.5.1 NETSOL Co., Ltd. Details

2.5.2 NETSOL Co., Ltd. Major Business

2.5.3 NETSOL Co., Ltd. STT-MRAM Chips Product and Services

2.5.4 NETSOL Co., Ltd. STT-MRAM Chips Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.5.5 NETSOL Co., Ltd. Recent Developments/Updates

2.6 GLOBALFOUNDRIES Inc.

2.6.1 GLOBALFOUNDRIES Inc. Details

2.6.2 GLOBALFOUNDRIES Inc. Major Business

2.6.3 GLOBALFOUNDRIES Inc. STT-MRAM Chips Product and Services

2.6.4 GLOBALFOUNDRIES Inc. STT-MRAM Chips Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.6.5 GLOBALFOUNDRIES Inc. Recent Developments/Updates

2.7 Taiwan Semiconductor Manufacturing Company Limited

2.7.1 Taiwan Semiconductor Manufacturing Company Limited Details

2.7.2 Taiwan Semiconductor Manufacturing Company Limited Major Business

2.7.3 Taiwan Semiconductor Manufacturing Company Limited STT-MRAM Chips Product and Services

2.7.4 Taiwan Semiconductor Manufacturing Company Limited STT-MRAM Chips Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.7.5 Taiwan Semiconductor Manufacturing Company Limited Recent Developments/Updates

2.8 United Microelectronics Corporation

2.8.1 United Microelectronics Corporation Details

2.8.2 United Microelectronics Corporation Major Business

2.8.3 United Microelectronics Corporation STT-MRAM Chips Product and Services

2.8.4 United Microelectronics Corporation STT-MRAM Chips Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.8.5 United Microelectronics Corporation Recent Developments/Updates

2.9 HIKSTOR

2.9.1 HIKSTOR Details

2.9.2 HIKSTOR Major Business

2.9.3 HIKSTOR STT-MRAM Chips Product and Services

2.9.4 HIKSTOR STT-MRAM Chips Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.9.5 HIKSTOR Recent Developments/Updates

2.10 Shanghai Siproin Microelectronics Co., Ltd.

2.10.1 Shanghai Siproin Microelectronics Co., Ltd. Details

2.10.2 Shanghai Siproin Microelectronics Co., Ltd. Major Business

2.10.3 Shanghai Siproin Microelectronics Co., Ltd. STT-MRAM Chips Product and Services

2.10.4 Shanghai Siproin Microelectronics Co., Ltd. STT-MRAM Chips Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.10.5 Shanghai Siproin Microelectronics Co., Ltd. Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: STT-MRAM CHIPS BY MANUFACTURER

3.1 Global STT-MRAM Chips Sales Quantity by Manufacturer (2021-2026)

3.2 Global STT-MRAM Chips Revenue by Manufacturer (2021-2026)

3.3 Global STT-MRAM Chips Average Price by Manufacturer (2021-2026)

3.4 Market Share Analysis (2025)

3.4.1 Producer Shipments of STT-MRAM Chips by Manufacturer Revenue (\$MM) and Market Share (%): 2025

3.4.2 Top 3 STT-MRAM Chips Manufacturer Market Share in 2025

3.4.3 Top 6 STT-MRAM Chips Manufacturer Market Share in 2025

3.5 STT-MRAM Chips Market: Overall Company Footprint Analysis

3.5.1 STT-MRAM Chips Market: Region Footprint

3.5.2 STT-MRAM Chips Market: Company Product Type Footprint

3.5.3 STT-MRAM Chips Market: Company Product Application Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

4.1 Global STT-MRAM Chips Market Size by Region

4.1.1 Global STT-MRAM Chips Sales Quantity by Region (2021-2032)

4.1.2 Global STT-MRAM Chips Consumption Value by Region (2021-2032)

4.1.3 Global STT-MRAM Chips Average Price by Region (2021-2032)

4.2 North America STT-MRAM Chips Consumption Value (2021-2032)

4.3 Europe STT-MRAM Chips Consumption Value (2021-2032)

4.4 Asia-Pacific STT-MRAM Chips Consumption Value (2021-2032)

4.5 South America STT-MRAM Chips Consumption Value (2021-2032)

4.6 Middle East & Africa STT-MRAM Chips Consumption Value (2021-2032)

5 MARKET SEGMENT BY TYPE

5.1 Global STT-MRAM Chips Sales Quantity by Type (2021-2032)

5.2 Global STT-MRAM Chips Consumption Value by Type (2021-2032)

5.3 Global STT-MRAM Chips Average Price by Type (2021-2032)

6 MARKET SEGMENT BY APPLICATION

6.1 Global STT-MRAM Chips Sales Quantity by Application (2021-2032)

6.2 Global STT-MRAM Chips Consumption Value by Application (2021-2032)

6.3 Global STT-MRAM Chips Average Price by Application (2021-2032)

7 NORTH AMERICA

- 7.1 North America STT-MRAM Chips Sales Quantity by Type (2021-2032)
- 7.2 North America STT-MRAM Chips Sales Quantity by Application (2021-2032)
- 7.3 North America STT-MRAM Chips Market Size by Country
 - 7.3.1 North America STT-MRAM Chips Sales Quantity by Country (2021-2032)
 - 7.3.2 North America STT-MRAM Chips Consumption Value by Country (2021-2032)
 - 7.3.3 United States Market Size and Forecast (2021-2032)
 - 7.3.4 Canada Market Size and Forecast (2021-2032)
 - 7.3.5 Mexico Market Size and Forecast (2021-2032)

8 EUROPE

- 8.1 Europe STT-MRAM Chips Sales Quantity by Type (2021-2032)
- 8.2 Europe STT-MRAM Chips Sales Quantity by Application (2021-2032)
- 8.3 Europe STT-MRAM Chips Market Size by Country
 - 8.3.1 Europe STT-MRAM Chips Sales Quantity by Country (2021-2032)
 - 8.3.2 Europe STT-MRAM Chips Consumption Value by Country (2021-2032)
 - 8.3.3 Germany Market Size and Forecast (2021-2032)
 - 8.3.4 France Market Size and Forecast (2021-2032)
 - 8.3.5 United Kingdom Market Size and Forecast (2021-2032)
 - 8.3.6 Russia Market Size and Forecast (2021-2032)
 - 8.3.7 Italy Market Size and Forecast (2021-2032)

9 ASIA-PACIFIC

- 9.1 Asia-Pacific STT-MRAM Chips Sales Quantity by Type (2021-2032)
- 9.2 Asia-Pacific STT-MRAM Chips Sales Quantity by Application (2021-2032)
- 9.3 Asia-Pacific STT-MRAM Chips Market Size by Region
 - 9.3.1 Asia-Pacific STT-MRAM Chips Sales Quantity by Region (2021-2032)
 - 9.3.2 Asia-Pacific STT-MRAM Chips Consumption Value by Region (2021-2032)
 - 9.3.3 China Market Size and Forecast (2021-2032)
 - 9.3.4 Japan Market Size and Forecast (2021-2032)
 - 9.3.5 South Korea Market Size and Forecast (2021-2032)
 - 9.3.6 India Market Size and Forecast (2021-2032)
 - 9.3.7 Southeast Asia Market Size and Forecast (2021-2032)
 - 9.3.8 Australia Market Size and Forecast (2021-2032)

10 SOUTH AMERICA

- 10.1 South America STT-MRAM Chips Sales Quantity by Type (2021-2032)

- 10.2 South America STT-MRAM Chips Sales Quantity by Application (2021-2032)
- 10.3 South America STT-MRAM Chips Market Size by Country
 - 10.3.1 South America STT-MRAM Chips Sales Quantity by Country (2021-2032)
 - 10.3.2 South America STT-MRAM Chips Consumption Value by Country (2021-2032)
 - 10.3.3 Brazil Market Size and Forecast (2021-2032)
 - 10.3.4 Argentina Market Size and Forecast (2021-2032)

11 MIDDLE EAST & AFRICA

- 11.1 Middle East & Africa STT-MRAM Chips Sales Quantity by Type (2021-2032)
- 11.2 Middle East & Africa STT-MRAM Chips Sales Quantity by Application (2021-2032)
- 11.3 Middle East & Africa STT-MRAM Chips Market Size by Country
 - 11.3.1 Middle East & Africa STT-MRAM Chips Sales Quantity by Country (2021-2032)
 - 11.3.2 Middle East & Africa STT-MRAM Chips Consumption Value by Country (2021-2032)
 - 11.3.3 Turkey Market Size and Forecast (2021-2032)
 - 11.3.4 Egypt Market Size and Forecast (2021-2032)
 - 11.3.5 Saudi Arabia Market Size and Forecast (2021-2032)
 - 11.3.6 South Africa Market Size and Forecast (2021-2032)

12 MARKET DYNAMICS

- 12.1 STT-MRAM Chips Market Drivers
- 12.2 STT-MRAM Chips Market Restraints
- 12.3 STT-MRAM Chips Trends Analysis
- 12.4 Porters Five Forces Analysis
 - 12.4.1 Threat of New Entrants
 - 12.4.2 Bargaining Power of Suppliers
 - 12.4.3 Bargaining Power of Buyers
 - 12.4.4 Threat of Substitutes
 - 12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

- 13.1 Raw Material of STT-MRAM Chips and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of STT-MRAM Chips
- 13.3 STT-MRAM Chips Production Process
- 13.4 Industry Value Chain Analysis

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 STT-MRAM Chips Typical Distributors

14.3 STT-MRAM Chips Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global STT-MRAM Chips Consumption Value by Type, (USD Million), 2021 & 2025 & 2032

Table 2. Global STT-MRAM Chips Consumption Value by Product Form, (USD Million), 2021 & 2025 & 2032

Table 3. Global STT-MRAM Chips Consumption Value by Interface Type, (USD Million), 2021 & 2025 & 2032

Table 4. Global STT-MRAM Chips Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Table 5. Samsung Electronics Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 6. Samsung Electronics Co., Ltd. Major Business

Table 7. Samsung Electronics Co., Ltd. STT-MRAM Chips Product and Services

Table 8. Samsung Electronics Co., Ltd. STT-MRAM Chips Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 9. Samsung Electronics Co., Ltd. Recent Developments/Updates

Table 10. Everspin Technologies, Inc. Basic Information, Manufacturing Base and Competitors

Table 11. Everspin Technologies, Inc. Major Business

Table 12. Everspin Technologies, Inc. STT-MRAM Chips Product and Services

Table 13. Everspin Technologies, Inc. STT-MRAM Chips Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 14. Everspin Technologies, Inc. Recent Developments/Updates

Table 15. Avalanche Technology Inc. Basic Information, Manufacturing Base and Competitors

Table 16. Avalanche Technology Inc. Major Business

Table 17. Avalanche Technology Inc. STT-MRAM Chips Product and Services

Table 18. Avalanche Technology Inc. STT-MRAM Chips Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 19. Avalanche Technology Inc. Recent Developments/Updates

Table 20. Renesas Electronics Corporation Basic Information, Manufacturing Base and Competitors

Table 21. Renesas Electronics Corporation Major Business

Table 22. Renesas Electronics Corporation STT-MRAM Chips Product and Services

Table 23. Renesas Electronics Corporation STT-MRAM Chips Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 24. Renesas Electronics Corporation Recent Developments/Updates

Table 25. NETSOL Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 26. NETSOL Co., Ltd. Major Business

Table 27. NETSOL Co., Ltd. STT-MRAM Chips Product and Services

Table 28. NETSOL Co., Ltd. STT-MRAM Chips Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 29. NETSOL Co., Ltd. Recent Developments/Updates

Table 30. GLOBALFOUNDRIES Inc. Basic Information, Manufacturing Base and Competitors

Table 31. GLOBALFOUNDRIES Inc. Major Business

Table 32. GLOBALFOUNDRIES Inc. STT-MRAM Chips Product and Services

Table 33. GLOBALFOUNDRIES Inc. STT-MRAM Chips Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 34. GLOBALFOUNDRIES Inc. Recent Developments/Updates

Table 35. Taiwan Semiconductor Manufacturing Company Limited Basic Information, Manufacturing Base and Competitors

Table 36. Taiwan Semiconductor Manufacturing Company Limited Major Business

Table 37. Taiwan Semiconductor Manufacturing Company Limited STT-MRAM Chips Product and Services

Table 38. Taiwan Semiconductor Manufacturing Company Limited STT-MRAM Chips Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 39. Taiwan Semiconductor Manufacturing Company Limited Recent Developments/Updates

Table 40. United Microelectronics Corporation Basic Information, Manufacturing Base and Competitors

Table 41. United Microelectronics Corporation Major Business

Table 42. United Microelectronics Corporation STT-MRAM Chips Product and Services

Table 43. United Microelectronics Corporation STT-MRAM Chips Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 44. United Microelectronics Corporation Recent Developments/Updates

Table 45. HIKSTOR Basic Information, Manufacturing Base and Competitors

Table 46. HIKSTOR Major Business

Table 47. HIKSTOR STT-MRAM Chips Product and Services

Table 48. HIKSTOR STT-MRAM Chips Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 49. HIKSTOR Recent Developments/Updates

Table 50. Shanghai Siproin Microelectronics Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 51. Shanghai Siproin Microelectronics Co., Ltd. Major Business

Table 52. Shanghai Siproin Microelectronics Co., Ltd. STT-MRAM Chips Product and Services

Table 53. Shanghai Siproin Microelectronics Co., Ltd. STT-MRAM Chips Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 54. Shanghai Siproin Microelectronics Co., Ltd. Recent Developments/Updates

Table 55. Global STT-MRAM Chips Sales Quantity by Manufacturer (2021-2026) & (Million Units)

Table 56. Global STT-MRAM Chips Revenue by Manufacturer (2021-2026) & (USD Million)

Table 57. Global STT-MRAM Chips Average Price by Manufacturer (2021-2026) & (US\$/Unit)

Table 58. Market Position of Manufacturers in STT-MRAM Chips, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025

Table 59. Head Office and STT-MRAM Chips Production Site of Key Manufacturer

Table 60. STT-MRAM Chips Market: Company Product Type Footprint

Table 61. STT-MRAM Chips Market: Company Product Application Footprint

Table 62. STT-MRAM Chips New Market Entrants and Barriers to Market Entry

Table 63. STT-MRAM Chips Mergers, Acquisition, Agreements, and Collaborations

Table 64. Global STT-MRAM Chips Consumption Value by Region (2021-2025-2032) & (USD Million) & CAGR

Table 65. Global STT-MRAM Chips Sales Quantity by Region (2021-2026) & (Million Units)

Table 66. Global STT-MRAM Chips Sales Quantity by Region (2027-2032) & (Million Units)

Table 67. Global STT-MRAM Chips Consumption Value by Region (2021-2026) & (USD Million)

Table 68. Global STT-MRAM Chips Consumption Value by Region (2027-2032) & (USD Million)

Table 69. Global STT-MRAM Chips Average Price by Region (2021-2026) & (US\$/Unit)

Table 70. Global STT-MRAM Chips Average Price by Region (2027-2032) & (US\$/Unit)

Table 71. Global STT-MRAM Chips Sales Quantity by Type (2021-2026) & (Million

Units)

Table 72. Global STT-MRAM Chips Sales Quantity by Type (2027-2032) & (Million Units)

Table 73. Global STT-MRAM Chips Consumption Value by Type (2021-2026) & (USD Million)

Table 74. Global STT-MRAM Chips Consumption Value by Type (2027-2032) & (USD Million)

Table 75. Global STT-MRAM Chips Average Price by Type (2021-2026) & (US\$/Unit)

Table 76. Global STT-MRAM Chips Average Price by Type (2027-2032) & (US\$/Unit)

Table 77. Global STT-MRAM Chips Sales Quantity by Application (2021-2026) & (Million Units)

Table 78. Global STT-MRAM Chips Sales Quantity by Application (2027-2032) & (Million Units)

Table 79. Global STT-MRAM Chips Consumption Value by Application (2021-2026) & (USD Million)

Table 80. Global STT-MRAM Chips Consumption Value by Application (2027-2032) & (USD Million)

Table 81. Global STT-MRAM Chips Average Price by Application (2021-2026) & (US\$/Unit)

Table 82. Global STT-MRAM Chips Average Price by Application (2027-2032) & (US\$/Unit)

Table 83. North America STT-MRAM Chips Sales Quantity by Type (2021-2026) & (Million Units)

Table 84. North America STT-MRAM Chips Sales Quantity by Type (2027-2032) & (Million Units)

Table 85. North America STT-MRAM Chips Sales Quantity by Application (2021-2026) & (Million Units)

Table 86. North America STT-MRAM Chips Sales Quantity by Application (2027-2032) & (Million Units)

Table 87. North America STT-MRAM Chips Sales Quantity by Country (2021-2026) & (Million Units)

Table 88. North America STT-MRAM Chips Sales Quantity by Country (2027-2032) & (Million Units)

Table 89. North America STT-MRAM Chips Consumption Value by Country (2021-2026) & (USD Million)

Table 90. North America STT-MRAM Chips Consumption Value by Country (2027-2032) & (USD Million)

Table 91. Europe STT-MRAM Chips Sales Quantity by Type (2021-2026) & (Million Units)

Table 92. Europe STT-MRAM Chips Sales Quantity by Type (2027-2032) & (Million Units)

Table 93. Europe STT-MRAM Chips Sales Quantity by Application (2021-2026) & (Million Units)

Table 94. Europe STT-MRAM Chips Sales Quantity by Application (2027-2032) & (Million Units)

Table 95. Europe STT-MRAM Chips Sales Quantity by Country (2021-2026) & (Million Units)

Table 96. Europe STT-MRAM Chips Sales Quantity by Country (2027-2032) & (Million Units)

Table 97. Europe STT-MRAM Chips Consumption Value by Country (2021-2026) & (USD Million)

Table 98. Europe STT-MRAM Chips Consumption Value by Country (2027-2032) & (USD Million)

Table 99. Asia-Pacific STT-MRAM Chips Sales Quantity by Type (2021-2026) & (Million Units)

Table 100. Asia-Pacific STT-MRAM Chips Sales Quantity by Type (2027-2032) & (Million Units)

Table 101. Asia-Pacific STT-MRAM Chips Sales Quantity by Application (2021-2026) & (Million Units)

Table 102. Asia-Pacific STT-MRAM Chips Sales Quantity by Application (2027-2032) & (Million Units)

Table 103. Asia-Pacific STT-MRAM Chips Sales Quantity by Region (2021-2026) & (Million Units)

Table 104. Asia-Pacific STT-MRAM Chips Sales Quantity by Region (2027-2032) & (Million Units)

Table 105. Asia-Pacific STT-MRAM Chips Consumption Value by Region (2021-2026) & (USD Million)

Table 106. Asia-Pacific STT-MRAM Chips Consumption Value by Region (2027-2032) & (USD Million)

Table 107. South America STT-MRAM Chips Sales Quantity by Type (2021-2026) & (Million Units)

Table 108. South America STT-MRAM Chips Sales Quantity by Type (2027-2032) & (Million Units)

Table 109. South America STT-MRAM Chips Sales Quantity by Application (2021-2026) & (Million Units)

Table 110. South America STT-MRAM Chips Sales Quantity by Application (2027-2032) & (Million Units)

Table 111. South America STT-MRAM Chips Sales Quantity by Country (2021-2026) &

(Million Units)

Table 112. South America STT-MRAM Chips Sales Quantity by Country (2027-2032) & (Million Units)

Table 113. South America STT-MRAM Chips Consumption Value by Country (2021-2026) & (USD Million)

Table 114. South America STT-MRAM Chips Consumption Value by Country (2027-2032) & (USD Million)

Table 115. Middle East & Africa STT-MRAM Chips Sales Quantity by Type (2021-2026) & (Million Units)

Table 116. Middle East & Africa STT-MRAM Chips Sales Quantity by Type (2027-2032) & (Million Units)

Table 117. Middle East & Africa STT-MRAM Chips Sales Quantity by Application (2021-2026) & (Million Units)

Table 118. Middle East & Africa STT-MRAM Chips Sales Quantity by Application (2027-2032) & (Million Units)

Table 119. Middle East & Africa STT-MRAM Chips Sales Quantity by Country (2021-2026) & (Million Units)

Table 120. Middle East & Africa STT-MRAM Chips Sales Quantity by Country (2027-2032) & (Million Units)

Table 121. Middle East & Africa STT-MRAM Chips Consumption Value by Country (2021-2026) & (USD Million)

Table 122. Middle East & Africa STT-MRAM Chips Consumption Value by Country (2027-2032) & (USD Million)

Table 123. STT-MRAM Chips Raw Material

Table 124. Key Manufacturers of STT-MRAM Chips Raw Materials

Table 125. STT-MRAM Chips Typical Distributors

Table 126. STT-MRAM Chips Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. STT-MRAM Chips Picture

Figure 2. Global STT-MRAM Chips Revenue by Type, (USD Million), 2021 & 2025 & 2032

Figure 3. Global STT-MRAM Chips Revenue Market Share by Type in 2025

Figure 4. 14 nm Examples

Figure 5. 28 nm Examples

Figure 6. Others Examples

Figure 7. Global STT-MRAM Chips Revenue by Product Form, (USD Million), 2021 & 2025 & 2032

Figure 8. Global STT-MRAM Chips Revenue Market Share by Product Form in 2025

Figure 9. Discrete STT-MRAM Chips Examples

Figure 10. Embedded MRAM Process Platforms Examples

Figure 11. Global STT-MRAM Chips Revenue by Interface Type, (USD Million), 2021 & 2025 & 2032

Figure 12. Global STT-MRAM Chips Revenue Market Share by Interface Type in 2025

Figure 13. IIC Interface Examples

Figure 14. SPI Interface Examples

Figure 15. Quad SPI And xSPI Interfaces Examples

Figure 16. Parallel Interface Examples

Figure 17. Platform Macros Examples

Figure 18. Global STT-MRAM Chips Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 19. Global STT-MRAM Chips Revenue Market Share by Application in 2025

Figure 20. Mobile and Consumer Examples

Figure 21. Automotive Examples

Figure 22. Industrial Examples

Figure 23. Data Center Examples

Figure 24. Global STT-MRAM Chips Consumption Value, (USD Million): 2021 & 2025 & 2032

Figure 25. Global STT-MRAM Chips Consumption Value and Forecast (2021-2032) & (USD Million)

Figure 26. Global STT-MRAM Chips Sales Quantity (2021-2032) & (Million Units)

Figure 27. Global STT-MRAM Chips Price (2021-2032) & (US\$/Unit)

Figure 28. Global STT-MRAM Chips Sales Quantity Market Share by Manufacturer in 2025

- Figure 29. Global STT-MRAM Chips Revenue Market Share by Manufacturer in 2025
- Figure 30. Producer Shipments of STT-MRAM Chips by Manufacturer Sales (\$MM) and Market Share (%): 2025
- Figure 31. Top 3 STT-MRAM Chips Manufacturer (Revenue) Market Share in 2025
- Figure 32. Top 6 STT-MRAM Chips Manufacturer (Revenue) Market Share in 2025
- Figure 33. Global STT-MRAM Chips Sales Quantity Market Share by Region (2021-2032)
- Figure 34. Global STT-MRAM Chips Consumption Value Market Share by Region (2021-2032)
- Figure 35. North America STT-MRAM Chips Consumption Value (2021-2032) & (USD Million)
- Figure 36. Europe STT-MRAM Chips Consumption Value (2021-2032) & (USD Million)
- Figure 37. Asia-Pacific STT-MRAM Chips Consumption Value (2021-2032) & (USD Million)
- Figure 38. South America STT-MRAM Chips Consumption Value (2021-2032) & (USD Million)
- Figure 39. Middle East & Africa STT-MRAM Chips Consumption Value (2021-2032) & (USD Million)
- Figure 40. Global STT-MRAM Chips Sales Quantity Market Share by Type (2021-2032)
- Figure 41. Global STT-MRAM Chips Consumption Value Market Share by Type (2021-2032)
- Figure 42. Global STT-MRAM Chips Average Price by Type (2021-2032) & (US\$/Unit)
- Figure 43. Global STT-MRAM Chips Sales Quantity Market Share by Application (2021-2032)
- Figure 44. Global STT-MRAM Chips Revenue Market Share by Application (2021-2032)
- Figure 45. Global STT-MRAM Chips Average Price by Application (2021-2032) & (US\$/Unit)
- Figure 46. North America STT-MRAM Chips Sales Quantity Market Share by Type (2021-2032)
- Figure 47. North America STT-MRAM Chips Sales Quantity Market Share by Application (2021-2032)
- Figure 48. North America STT-MRAM Chips Sales Quantity Market Share by Country (2021-2032)
- Figure 49. North America STT-MRAM Chips Consumption Value Market Share by Country (2021-2032)
- Figure 50. United States STT-MRAM Chips Consumption Value (2021-2032) & (USD Million)
- Figure 51. Canada STT-MRAM Chips Consumption Value (2021-2032) & (USD Million)
- Figure 52. Mexico STT-MRAM Chips Consumption Value (2021-2032) & (USD Million)

Figure 53. Europe STT-MRAM Chips Sales Quantity Market Share by Type (2021-2032)

Figure 54. Europe STT-MRAM Chips Sales Quantity Market Share by Application (2021-2032)

Figure 55. Europe STT-MRAM Chips Sales Quantity Market Share by Country (2021-2032)

Figure 56. Europe STT-MRAM Chips Consumption Value Market Share by Country (2021-2032)

Figure 57. Germany STT-MRAM Chips Consumption Value (2021-2032) & (USD Million)

Figure 58. France STT-MRAM Chips Consumption Value (2021-2032) & (USD Million)

Figure 59. United Kingdom STT-MRAM Chips Consumption Value (2021-2032) & (USD Million)

Figure 60. Russia STT-MRAM Chips Consumption Value (2021-2032) & (USD Million)

Figure 61. Italy STT-MRAM Chips Consumption Value (2021-2032) & (USD Million)

Figure 62. Asia-Pacific STT-MRAM Chips Sales Quantity Market Share by Type (2021-2032)

Figure 63. Asia-Pacific STT-MRAM Chips Sales Quantity Market Share by Application (2021-2032)

Figure 64. Asia-Pacific STT-MRAM Chips Sales Quantity Market Share by Region (2021-2032)

Figure 65. Asia-Pacific STT-MRAM Chips Consumption Value Market Share by Region (2021-2032)

Figure 66. China STT-MRAM Chips Consumption Value (2021-2032) & (USD Million)

Figure 67. Japan STT-MRAM Chips Consumption Value (2021-2032) & (USD Million)

Figure 68. South Korea STT-MRAM Chips Consumption Value (2021-2032) & (USD Million)

Figure 69. India STT-MRAM Chips Consumption Value (2021-2032) & (USD Million)

Figure 70. Southeast Asia STT-MRAM Chips Consumption Value (2021-2032) & (USD Million)

Figure 71. Australia STT-MRAM Chips Consumption Value (2021-2032) & (USD Million)

Figure 72. South America STT-MRAM Chips Sales Quantity Market Share by Type (2021-2032)

Figure 73. South America STT-MRAM Chips Sales Quantity Market Share by Application (2021-2032)

Figure 74. South America STT-MRAM Chips Sales Quantity Market Share by Country (2021-2032)

Figure 75. South America STT-MRAM Chips Consumption Value Market Share by Country (2021-2032)

Figure 76. Brazil STT-MRAM Chips Consumption Value (2021-2032) & (USD Million)

Figure 77. Argentina STT-MRAM Chips Consumption Value (2021-2032) & (USD Million)

Figure 78. Middle East & Africa STT-MRAM Chips Sales Quantity Market Share by Type (2021-2032)

Figure 79. Middle East & Africa STT-MRAM Chips Sales Quantity Market Share by Application (2021-2032)

Figure 80. Middle East & Africa STT-MRAM Chips Sales Quantity Market Share by Country (2021-2032)

Figure 81. Middle East & Africa STT-MRAM Chips Consumption Value Market Share by Country (2021-2032)

Figure 82. Turkey STT-MRAM Chips Consumption Value (2021-2032) & (USD Million)

Figure 83. Egypt STT-MRAM Chips Consumption Value (2021-2032) & (USD Million)

Figure 84. Saudi Arabia STT-MRAM Chips Consumption Value (2021-2032) & (USD Million)

Figure 85. South Africa STT-MRAM Chips Consumption Value (2021-2032) & (USD Million)

Figure 86. STT-MRAM Chips Market Drivers

Figure 87. STT-MRAM Chips Market Restraints

Figure 88. STT-MRAM Chips Market Trends

Figure 89. Porters Five Forces Analysis

Figure 90. Manufacturing Cost Structure Analysis of STT-MRAM Chips in 2025

Figure 91. Manufacturing Process Analysis of STT-MRAM Chips

Figure 92. STT-MRAM Chips Industrial Chain

Figure 93. Sales Channel: Direct to End-User vs Distributors

Figure 94. Direct Channel Pros & Cons

Figure 95. Indirect Channel Pros & Cons

Figure 96. Methodology

Figure 97. Research Process and Data Source

I would like to order

Product name: Global STT-MRAM Chips Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

Product link: <https://marketpublishers.com/r/GAD27349515FEN.html>

Price: US\$ 3,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GAD27349515FEN.html>