

# Global Spin-Transfer Torque Devices Market Research Report 2024(Status and Outlook)

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## Abstracts

### Report Overview

Spin-transfer torque is an effect in which the orientation of a magnetic layer in a magnetic tunnel junction or spin valve can be modified using a spin-polarized current.

This report provides a deep insight into the global Spin-Transfer Torque Devices market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, SWOT analysis, value chain analysis, etc.

The analysis helps the reader to shape the competition within the industries and strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business organization. The report structure also focuses on the competitive landscape of the Global Spin-Transfer Torque Devices Market, this report introduces in detail the market share, market performance, product situation, operation situation, etc. of the main players, which helps the readers in the industry to identify the main competitors and deeply understand the competition pattern of the market.

In a word, this report is a must-read for industry players, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the Spin-Transfer Torque Devices market in any manner.

### Global Spin-Transfer Torque Devices Market: Market Segmentation Analysis

The research report includes specific segments by region (country), manufacturers,

Type, and Application. Market segmentation creates subsets of a market based on product type, end-user or application, Geographic, and other factors. By understanding the market segments, the decision-maker can leverage this targeting in the product, sales, and marketing strategies. Market segments can power your product development cycles by informing how you create product offerings for different segments.

Key Company

Advanced MicroSensors, Corporation

Applied Spintronics Technology

Atomistix A/S

Crocus Technology

Everspin Technologies

Freescale Semiconductor

Intel Corporation

NVE Corporation

Organic Spintronics s.r.l

QuantumWise A/S

Rhomap Ltd

Spin Transfer Technologies

Spintronics International Pte

Market Segmentation (by Type)

Clockwise Spin

Counter Clockwise Spin

Market Segmentation (by Application)

Data Storage

Electric Vehicles

Industrial Motors

Semiconductor Lasers

Microwave Devices

Quantum Computing

Other

Geographic Segmentation

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study

Neutral perspective on the market performance

Recent industry trends and developments

Competitive landscape & strategies of key players

Potential & niche segments and regions exhibiting promising growth covered

Historical, current, and projected market size, in terms of value

In-depth analysis of the Spin-Transfer Torque Devices Market

Overview of the regional outlook of the Spin-Transfer Torque Devices Market:

#### Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value (USD Billion) data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business

expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

## Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

## Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the Spin-Transfer Torque Devices Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 10 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 11 provides a quantitative analysis of the market size and development potential of each market segment (product type and application) in the next five years.

Chapter 12 is the main points and conclusions of the report.

## Contents

### **1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE**

1.1 Market Definition and Statistical Scope of Spin-Transfer Torque Devices

1.2 Key Market Segments

1.2.1 Spin-Transfer Torque Devices Segment by Type

1.2.2 Spin-Transfer Torque Devices Segment by Application

1.3 Methodology & Sources of Information

1.3.1 Research Methodology

1.3.2 Research Process

1.3.3 Market Breakdown and Data Triangulation

1.3.4 Base Year

1.3.5 Report Assumptions & Caveats

### **2 SPIN-TRANSFER TORQUE DEVICES MARKET OVERVIEW**

2.1 Global Market Overview

2.1.1 Global Spin-Transfer Torque Devices Market Size (M USD) Estimates and Forecasts (2019-2030)

2.1.2 Global Spin-Transfer Torque Devices Sales Estimates and Forecasts (2019-2030)

2.2 Market Segment Executive Summary

2.3 Global Market Size by Region

### **3 SPIN-TRANSFER TORQUE DEVICES MARKET COMPETITIVE LANDSCAPE**

3.1 Global Spin-Transfer Torque Devices Sales by Manufacturers (2019-2024)

3.2 Global Spin-Transfer Torque Devices Revenue Market Share by Manufacturers (2019-2024)

3.3 Spin-Transfer Torque Devices Market Share by Company Type (Tier 1, Tier 2, and Tier 3)

3.4 Global Spin-Transfer Torque Devices Average Price by Manufacturers (2019-2024)

3.5 Manufacturers Spin-Transfer Torque Devices Sales Sites, Area Served, Product Type

3.6 Spin-Transfer Torque Devices Market Competitive Situation and Trends

3.6.1 Spin-Transfer Torque Devices Market Concentration Rate

3.6.2 Global 5 and 10 Largest Spin-Transfer Torque Devices Players Market Share by Revenue

### 3.6.3 Mergers & Acquisitions, Expansion

## **4 SPIN-TRANSFER TORQUE DEVICES INDUSTRY CHAIN ANALYSIS**

### 4.1 Spin-Transfer Torque Devices Industry Chain Analysis

### 4.2 Market Overview of Key Raw Materials

### 4.3 Midstream Market Analysis

### 4.4 Downstream Customer Analysis

## **5 THE DEVELOPMENT AND DYNAMICS OF SPIN-TRANSFER TORQUE DEVICES MARKET**

### 5.1 Key Development Trends

### 5.2 Driving Factors

### 5.3 Market Challenges

### 5.4 Market Restraints

### 5.5 Industry News

#### 5.5.1 New Product Developments

#### 5.5.2 Mergers & Acquisitions

#### 5.5.3 Expansions

#### 5.5.4 Collaboration/Supply Contracts

### 5.6 Industry Policies

## **6 SPIN-TRANSFER TORQUE DEVICES MARKET SEGMENTATION BY TYPE**

### 6.1 Evaluation Matrix of Segment Market Development Potential (Type)

### 6.2 Global Spin-Transfer Torque Devices Sales Market Share by Type (2019-2024)

### 6.3 Global Spin-Transfer Torque Devices Market Size Market Share by Type (2019-2024)

### 6.4 Global Spin-Transfer Torque Devices Price by Type (2019-2024)

## **7 SPIN-TRANSFER TORQUE DEVICES MARKET SEGMENTATION BY APPLICATION**

### 7.1 Evaluation Matrix of Segment Market Development Potential (Application)

### 7.2 Global Spin-Transfer Torque Devices Market Sales by Application (2019-2024)

### 7.3 Global Spin-Transfer Torque Devices Market Size (M USD) by Application (2019-2024)

### 7.4 Global Spin-Transfer Torque Devices Sales Growth Rate by Application

(2019-2024)

## **8 SPIN-TRANSFER TORQUE DEVICES MARKET SEGMENTATION BY REGION**

### 8.1 Global Spin-Transfer Torque Devices Sales by Region

#### 8.1.1 Global Spin-Transfer Torque Devices Sales by Region

#### 8.1.2 Global Spin-Transfer Torque Devices Sales Market Share by Region

### 8.2 North America

#### 8.2.1 North America Spin-Transfer Torque Devices Sales by Country

##### 8.2.2 U.S.

##### 8.2.3 Canada

##### 8.2.4 Mexico

### 8.3 Europe

#### 8.3.1 Europe Spin-Transfer Torque Devices Sales by Country

##### 8.3.2 Germany

##### 8.3.3 France

##### 8.3.4 U.K.

##### 8.3.5 Italy

##### 8.3.6 Russia

### 8.4 Asia Pacific

#### 8.4.1 Asia Pacific Spin-Transfer Torque Devices Sales by Region

##### 8.4.2 China

##### 8.4.3 Japan

##### 8.4.4 South Korea

##### 8.4.5 India

##### 8.4.6 Southeast Asia

### 8.5 South America

#### 8.5.1 South America Spin-Transfer Torque Devices Sales by Country

##### 8.5.2 Brazil

##### 8.5.3 Argentina

##### 8.5.4 Columbia

### 8.6 Middle East and Africa

#### 8.6.1 Middle East and Africa Spin-Transfer Torque Devices Sales by Region

##### 8.6.2 Saudi Arabia

##### 8.6.3 UAE

##### 8.6.4 Egypt

##### 8.6.5 Nigeria

##### 8.6.6 South Africa

## 9 KEY COMPANIES PROFILE

### 9.1 Advanced MicroSensors, Corporation

9.1.1 Advanced MicroSensors, Corporation Spin-Transfer Torque Devices Basic Information

9.1.2 Advanced MicroSensors, Corporation Spin-Transfer Torque Devices Product Overview

9.1.3 Advanced MicroSensors, Corporation Spin-Transfer Torque Devices Product Market Performance

9.1.4 Advanced MicroSensors, Corporation Business Overview

9.1.5 Advanced MicroSensors, Corporation Spin-Transfer Torque Devices SWOT Analysis

9.1.6 Advanced MicroSensors, Corporation Recent Developments

### 9.2 Applied Spintronics Technology

9.2.1 Applied Spintronics Technology Spin-Transfer Torque Devices Basic Information

9.2.2 Applied Spintronics Technology Spin-Transfer Torque Devices Product Overview

9.2.3 Applied Spintronics Technology Spin-Transfer Torque Devices Product Market Performance

9.2.4 Applied Spintronics Technology Business Overview

9.2.5 Applied Spintronics Technology Spin-Transfer Torque Devices SWOT Analysis

9.2.6 Applied Spintronics Technology Recent Developments

### 9.3 Atomistix A/S

9.3.1 Atomistix A/S Spin-Transfer Torque Devices Basic Information

9.3.2 Atomistix A/S Spin-Transfer Torque Devices Product Overview

9.3.3 Atomistix A/S Spin-Transfer Torque Devices Product Market Performance

9.3.4 Atomistix A/S Spin-Transfer Torque Devices SWOT Analysis

9.3.5 Atomistix A/S Business Overview

9.3.6 Atomistix A/S Recent Developments

### 9.4 Crocus Technology

9.4.1 Crocus Technology Spin-Transfer Torque Devices Basic Information

9.4.2 Crocus Technology Spin-Transfer Torque Devices Product Overview

9.4.3 Crocus Technology Spin-Transfer Torque Devices Product Market Performance

9.4.4 Crocus Technology Business Overview

9.4.5 Crocus Technology Recent Developments

### 9.5 Everspin Technologies

9.5.1 Everspin Technologies Spin-Transfer Torque Devices Basic Information

9.5.2 Everspin Technologies Spin-Transfer Torque Devices Product Overview

9.5.3 Everspin Technologies Spin-Transfer Torque Devices Product Market Performance

- 9.5.4 Everspin Technologies Business Overview
- 9.5.5 Everspin Technologies Recent Developments
- 9.6 Freescale Semiconductor
  - 9.6.1 Freescale Semiconductor Spin-Transfer Torque Devices Basic Information
  - 9.6.2 Freescale Semiconductor Spin-Transfer Torque Devices Product Overview
  - 9.6.3 Freescale Semiconductor Spin-Transfer Torque Devices Product Market Performance
  - 9.6.4 Freescale Semiconductor Business Overview
  - 9.6.5 Freescale Semiconductor Recent Developments
- 9.7 Intel Corporation
  - 9.7.1 Intel Corporation Spin-Transfer Torque Devices Basic Information
  - 9.7.2 Intel Corporation Spin-Transfer Torque Devices Product Overview
  - 9.7.3 Intel Corporation Spin-Transfer Torque Devices Product Market Performance
  - 9.7.4 Intel Corporation Business Overview
  - 9.7.5 Intel Corporation Recent Developments
- 9.8 NVE Corporation
  - 9.8.1 NVE Corporation Spin-Transfer Torque Devices Basic Information
  - 9.8.2 NVE Corporation Spin-Transfer Torque Devices Product Overview
  - 9.8.3 NVE Corporation Spin-Transfer Torque Devices Product Market Performance
  - 9.8.4 NVE Corporation Business Overview
  - 9.8.5 NVE Corporation Recent Developments
- 9.9 Organic Spintronics s.r.l.
  - 9.9.1 Organic Spintronics s.r.l Spin-Transfer Torque Devices Basic Information
  - 9.9.2 Organic Spintronics s.r.l Spin-Transfer Torque Devices Product Overview
  - 9.9.3 Organic Spintronics s.r.l Spin-Transfer Torque Devices Product Market Performance
  - 9.9.4 Organic Spintronics s.r.l Business Overview
  - 9.9.5 Organic Spintronics s.r.l Recent Developments
- 9.10 QuantumWise A/S
  - 9.10.1 QuantumWise A/S Spin-Transfer Torque Devices Basic Information
  - 9.10.2 QuantumWise A/S Spin-Transfer Torque Devices Product Overview
  - 9.10.3 QuantumWise A/S Spin-Transfer Torque Devices Product Market Performance
  - 9.10.4 QuantumWise A/S Business Overview
  - 9.10.5 QuantumWise A/S Recent Developments
- 9.11 Rhomap Ltd
  - 9.11.1 Rhomap Ltd Spin-Transfer Torque Devices Basic Information
  - 9.11.2 Rhomap Ltd Spin-Transfer Torque Devices Product Overview
  - 9.11.3 Rhomap Ltd Spin-Transfer Torque Devices Product Market Performance
  - 9.11.4 Rhomap Ltd Business Overview

- 9.11.5 Rhomap Ltd Recent Developments
- 9.12 Spin Transfer Technologies
  - 9.12.1 Spin Transfer Technologies Spin-Transfer Torque Devices Basic Information
  - 9.12.2 Spin Transfer Technologies Spin-Transfer Torque Devices Product Overview
  - 9.12.3 Spin Transfer Technologies Spin-Transfer Torque Devices Product Market Performance
  - 9.12.4 Spin Transfer Technologies Business Overview
  - 9.12.5 Spin Transfer Technologies Recent Developments
- 9.13 Spintronics International Pte
  - 9.13.1 Spintronics International Pte Spin-Transfer Torque Devices Basic Information
  - 9.13.2 Spintronics International Pte Spin-Transfer Torque Devices Product Overview
  - 9.13.3 Spintronics International Pte Spin-Transfer Torque Devices Product Market Performance
  - 9.13.4 Spintronics International Pte Business Overview
  - 9.13.5 Spintronics International Pte Recent Developments

## **10 SPIN-TRANSFER TORQUE DEVICES MARKET FORECAST BY REGION**

- 10.1 Global Spin-Transfer Torque Devices Market Size Forecast
- 10.2 Global Spin-Transfer Torque Devices Market Forecast by Region
  - 10.2.1 North America Market Size Forecast by Country
  - 10.2.2 Europe Spin-Transfer Torque Devices Market Size Forecast by Country
  - 10.2.3 Asia Pacific Spin-Transfer Torque Devices Market Size Forecast by Region
  - 10.2.4 South America Spin-Transfer Torque Devices Market Size Forecast by Country
  - 10.2.5 Middle East and Africa Forecasted Consumption of Spin-Transfer Torque Devices by Country

## **11 FORECAST MARKET BY TYPE AND BY APPLICATION (2025-2030)**

- 11.1 Global Spin-Transfer Torque Devices Market Forecast by Type (2025-2030)
  - 11.1.1 Global Forecasted Sales of Spin-Transfer Torque Devices by Type (2025-2030)
  - 11.1.2 Global Spin-Transfer Torque Devices Market Size Forecast by Type (2025-2030)
  - 11.1.3 Global Forecasted Price of Spin-Transfer Torque Devices by Type (2025-2030)
- 11.2 Global Spin-Transfer Torque Devices Market Forecast by Application (2025-2030)
  - 11.2.1 Global Spin-Transfer Torque Devices Sales (K Units) Forecast by Application
  - 11.2.2 Global Spin-Transfer Torque Devices Market Size (M USD) Forecast by Application (2025-2030)

## 12 CONCLUSION AND KEY FINDINGS

## List Of Tables

### LIST OF TABLES

Table 1. Introduction of the Type

Table 2. Introduction of the Application

Table 3. Market Size (M USD) Segment Executive Summary

Table 4. Spin-Transfer Torque Devices Market Size Comparison by Region (M USD)

Table 5. Global Spin-Transfer Torque Devices Sales (K Units) by Manufacturers (2019-2024)

Table 6. Global Spin-Transfer Torque Devices Sales Market Share by Manufacturers (2019-2024)

Table 7. Global Spin-Transfer Torque Devices Revenue (M USD) by Manufacturers (2019-2024)

Table 8. Global Spin-Transfer Torque Devices Revenue Share by Manufacturers (2019-2024)

Table 9. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Spin-Transfer Torque Devices as of 2022)

Table 10. Global Market Spin-Transfer Torque Devices Average Price (USD/Unit) of Key Manufacturers (2019-2024)

Table 11. Manufacturers Spin-Transfer Torque Devices Sales Sites and Area Served

Table 12. Manufacturers Spin-Transfer Torque Devices Product Type

Table 13. Global Spin-Transfer Torque Devices Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 14. Mergers & Acquisitions, Expansion Plans

Table 15. Industry Chain Map of Spin-Transfer Torque Devices

Table 16. Market Overview of Key Raw Materials

Table 17. Midstream Market Analysis

Table 18. Downstream Customer Analysis

Table 19. Key Development Trends

Table 20. Driving Factors

Table 21. Spin-Transfer Torque Devices Market Challenges

Table 22. Global Spin-Transfer Torque Devices Sales by Type (K Units)

Table 23. Global Spin-Transfer Torque Devices Market Size by Type (M USD)

Table 24. Global Spin-Transfer Torque Devices Sales (K Units) by Type (2019-2024)

Table 25. Global Spin-Transfer Torque Devices Sales Market Share by Type (2019-2024)

Table 26. Global Spin-Transfer Torque Devices Market Size (M USD) by Type (2019-2024)

- Table 27. Global Spin-Transfer Torque Devices Market Size Share by Type (2019-2024)
- Table 28. Global Spin-Transfer Torque Devices Price (USD/Unit) by Type (2019-2024)
- Table 29. Global Spin-Transfer Torque Devices Sales (K Units) by Application
- Table 30. Global Spin-Transfer Torque Devices Market Size by Application
- Table 31. Global Spin-Transfer Torque Devices Sales by Application (2019-2024) & (K Units)
- Table 32. Global Spin-Transfer Torque Devices Sales Market Share by Application (2019-2024)
- Table 33. Global Spin-Transfer Torque Devices Sales by Application (2019-2024) & (M USD)
- Table 34. Global Spin-Transfer Torque Devices Market Share by Application (2019-2024)
- Table 35. Global Spin-Transfer Torque Devices Sales Growth Rate by Application (2019-2024)
- Table 36. Global Spin-Transfer Torque Devices Sales by Region (2019-2024) & (K Units)
- Table 37. Global Spin-Transfer Torque Devices Sales Market Share by Region (2019-2024)
- Table 38. North America Spin-Transfer Torque Devices Sales by Country (2019-2024) & (K Units)
- Table 39. Europe Spin-Transfer Torque Devices Sales by Country (2019-2024) & (K Units)
- Table 40. Asia Pacific Spin-Transfer Torque Devices Sales by Region (2019-2024) & (K Units)
- Table 41. South America Spin-Transfer Torque Devices Sales by Country (2019-2024) & (K Units)
- Table 42. Middle East and Africa Spin-Transfer Torque Devices Sales by Region (2019-2024) & (K Units)
- Table 43. Advanced MicroSensors, Corporation Spin-Transfer Torque Devices Basic Information
- Table 44. Advanced MicroSensors, Corporation Spin-Transfer Torque Devices Product Overview
- Table 45. Advanced MicroSensors, Corporation Spin-Transfer Torque Devices Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 46. Advanced MicroSensors, Corporation Business Overview
- Table 47. Advanced MicroSensors, Corporation Spin-Transfer Torque Devices SWOT Analysis
- Table 48. Advanced MicroSensors, Corporation Recent Developments

Table 49. Applied Spintronics Technology Spin-Transfer Torque Devices Basic Information

Table 50. Applied Spintronics Technology Spin-Transfer Torque Devices Product Overview

Table 51. Applied Spintronics Technology Spin-Transfer Torque Devices Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 52. Applied Spintronics Technology Business Overview

Table 53. Applied Spintronics Technology Spin-Transfer Torque Devices SWOT Analysis

Table 54. Applied Spintronics Technology Recent Developments

Table 55. Atomistix A/S Spin-Transfer Torque Devices Basic Information

Table 56. Atomistix A/S Spin-Transfer Torque Devices Product Overview

Table 57. Atomistix A/S Spin-Transfer Torque Devices Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 58. Atomistix A/S Spin-Transfer Torque Devices SWOT Analysis

Table 59. Atomistix A/S Business Overview

Table 60. Atomistix A/S Recent Developments

Table 61. Crocus Technology Spin-Transfer Torque Devices Basic Information

Table 62. Crocus Technology Spin-Transfer Torque Devices Product Overview

Table 63. Crocus Technology Spin-Transfer Torque Devices Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 64. Crocus Technology Business Overview

Table 65. Crocus Technology Recent Developments

Table 66. Everspin Technologies Spin-Transfer Torque Devices Basic Information

Table 67. Everspin Technologies Spin-Transfer Torque Devices Product Overview

Table 68. Everspin Technologies Spin-Transfer Torque Devices Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 69. Everspin Technologies Business Overview

Table 70. Everspin Technologies Recent Developments

Table 71. Freescale Semiconductor Spin-Transfer Torque Devices Basic Information

Table 72. Freescale Semiconductor Spin-Transfer Torque Devices Product Overview

Table 73. Freescale Semiconductor Spin-Transfer Torque Devices Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 74. Freescale Semiconductor Business Overview

Table 75. Freescale Semiconductor Recent Developments

Table 76. Intel Corporation Spin-Transfer Torque Devices Basic Information

Table 77. Intel Corporation Spin-Transfer Torque Devices Product Overview

Table 78. Intel Corporation Spin-Transfer Torque Devices Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

- Table 79. Intel Corporation Business Overview
- Table 80. Intel Corporation Recent Developments
- Table 81. NVE Corporation Spin-Transfer Torque Devices Basic Information
- Table 82. NVE Corporation Spin-Transfer Torque Devices Product Overview
- Table 83. NVE Corporation Spin-Transfer Torque Devices Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 84. NVE Corporation Business Overview
- Table 85. NVE Corporation Recent Developments
- Table 86. Organic Spintronics s.r.l Spin-Transfer Torque Devices Basic Information
- Table 87. Organic Spintronics s.r.l Spin-Transfer Torque Devices Product Overview
- Table 88. Organic Spintronics s.r.l Spin-Transfer Torque Devices Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 89. Organic Spintronics s.r.l Business Overview
- Table 90. Organic Spintronics s.r.l Recent Developments
- Table 91. QuantumWise A/S Spin-Transfer Torque Devices Basic Information
- Table 92. QuantumWise A/S Spin-Transfer Torque Devices Product Overview
- Table 93. QuantumWise A/S Spin-Transfer Torque Devices Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 94. QuantumWise A/S Business Overview
- Table 95. QuantumWise A/S Recent Developments
- Table 96. Rhomap Ltd Spin-Transfer Torque Devices Basic Information
- Table 97. Rhomap Ltd Spin-Transfer Torque Devices Product Overview
- Table 98. Rhomap Ltd Spin-Transfer Torque Devices Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 99. Rhomap Ltd Business Overview
- Table 100. Rhomap Ltd Recent Developments
- Table 101. Spin Transfer Technologies Spin-Transfer Torque Devices Basic Information
- Table 102. Spin Transfer Technologies Spin-Transfer Torque Devices Product Overview
- Table 103. Spin Transfer Technologies Spin-Transfer Torque Devices Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 104. Spin Transfer Technologies Business Overview
- Table 105. Spin Transfer Technologies Recent Developments
- Table 106. Spintronics International Pte Spin-Transfer Torque Devices Basic Information
- Table 107. Spintronics International Pte Spin-Transfer Torque Devices Product Overview
- Table 108. Spintronics International Pte Spin-Transfer Torque Devices Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

- Table 109. Spintronics International Pte Business Overview
- Table 110. Spintronics International Pte Recent Developments
- Table 111. Global Spin-Transfer Torque Devices Sales Forecast by Region (2025-2030) & (K Units)
- Table 112. Global Spin-Transfer Torque Devices Market Size Forecast by Region (2025-2030) & (M USD)
- Table 113. North America Spin-Transfer Torque Devices Sales Forecast by Country (2025-2030) & (K Units)
- Table 114. North America Spin-Transfer Torque Devices Market Size Forecast by Country (2025-2030) & (M USD)
- Table 115. Europe Spin-Transfer Torque Devices Sales Forecast by Country (2025-2030) & (K Units)
- Table 116. Europe Spin-Transfer Torque Devices Market Size Forecast by Country (2025-2030) & (M USD)
- Table 117. Asia Pacific Spin-Transfer Torque Devices Sales Forecast by Region (2025-2030) & (K Units)
- Table 118. Asia Pacific Spin-Transfer Torque Devices Market Size Forecast by Region (2025-2030) & (M USD)
- Table 119. South America Spin-Transfer Torque Devices Sales Forecast by Country (2025-2030) & (K Units)
- Table 120. South America Spin-Transfer Torque Devices Market Size Forecast by Country (2025-2030) & (M USD)
- Table 121. Middle East and Africa Spin-Transfer Torque Devices Consumption Forecast by Country (2025-2030) & (Units)
- Table 122. Middle East and Africa Spin-Transfer Torque Devices Market Size Forecast by Country (2025-2030) & (M USD)
- Table 123. Global Spin-Transfer Torque Devices Sales Forecast by Type (2025-2030) & (K Units)
- Table 124. Global Spin-Transfer Torque Devices Market Size Forecast by Type (2025-2030) & (M USD)
- Table 125. Global Spin-Transfer Torque Devices Price Forecast by Type (2025-2030) & (USD/Unit)
- Table 126. Global Spin-Transfer Torque Devices Sales (K Units) Forecast by Application (2025-2030)
- Table 127. Global Spin-Transfer Torque Devices Market Size Forecast by Application (2025-2030) & (M USD)

## List Of Figures

### LIST OF FIGURES

Figure 1. Product Picture of Spin-Transfer Torque Devices

Figure 2. Data Triangulation

Figure 3. Key Caveats

Figure 4. Global Spin-Transfer Torque Devices Market Size (M USD), 2019-2030

Figure 5. Global Spin-Transfer Torque Devices Market Size (M USD) (2019-2030)

Figure 6. Global Spin-Transfer Torque Devices Sales (K Units) & (2019-2030)

Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)

Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 9. Evaluation Matrix of Regional Market Development Potential

Figure 10. Spin-Transfer Torque Devices Market Size by Country (M USD)

Figure 11. Spin-Transfer Torque Devices Sales Share by Manufacturers in 2023

Figure 12. Global Spin-Transfer Torque Devices Revenue Share by Manufacturers in 2023

Figure 13. Spin-Transfer Torque Devices Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2023

Figure 14. Global Market Spin-Transfer Torque Devices Average Price (USD/Unit) of Key Manufacturers in 2023

Figure 15. The Global 5 and 10 Largest Players: Market Share by Spin-Transfer Torque Devices Revenue in 2023

Figure 16. Evaluation Matrix of Segment Market Development Potential (Type)

Figure 17. Global Spin-Transfer Torque Devices Market Share by Type

Figure 18. Sales Market Share of Spin-Transfer Torque Devices by Type (2019-2024)

Figure 19. Sales Market Share of Spin-Transfer Torque Devices by Type in 2023

Figure 20. Market Size Share of Spin-Transfer Torque Devices by Type (2019-2024)

Figure 21. Market Size Market Share of Spin-Transfer Torque Devices by Type in 2023

Figure 22. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 23. Global Spin-Transfer Torque Devices Market Share by Application

Figure 24. Global Spin-Transfer Torque Devices Sales Market Share by Application (2019-2024)

Figure 25. Global Spin-Transfer Torque Devices Sales Market Share by Application in 2023

Figure 26. Global Spin-Transfer Torque Devices Market Share by Application (2019-2024)

Figure 27. Global Spin-Transfer Torque Devices Market Share by Application in 2023

Figure 28. Global Spin-Transfer Torque Devices Sales Growth Rate by Application

(2019-2024)

Figure 29. Global Spin-Transfer Torque Devices Sales Market Share by Region

(2019-2024)

Figure 30. North America Spin-Transfer Torque Devices Sales and Growth Rate

(2019-2024) & (K Units)

Figure 31. North America Spin-Transfer Torque Devices Sales Market Share by Country in 2023

Figure 32. U.S. Spin-Transfer Torque Devices Sales and Growth Rate (2019-2024) & (K Units)

Figure 33. Canada Spin-Transfer Torque Devices Sales (K Units) and Growth Rate (2019-2024)

Figure 34. Mexico Spin-Transfer Torque Devices Sales (Units) and Growth Rate (2019-2024)

Figure 35. Europe Spin-Transfer Torque Devices Sales and Growth Rate (2019-2024) & (K Units)

Figure 36. Europe Spin-Transfer Torque Devices Sales Market Share by Country in 2023

Figure 37. Germany Spin-Transfer Torque Devices Sales and Growth Rate (2019-2024) & (K Units)

Figure 38. France Spin-Transfer Torque Devices Sales and Growth Rate (2019-2024) & (K Units)

Figure 39. U.K. Spin-Transfer Torque Devices Sales and Growth Rate (2019-2024) & (K Units)

Figure 40. Italy Spin-Transfer Torque Devices Sales and Growth Rate (2019-2024) & (K Units)

Figure 41. Russia Spin-Transfer Torque Devices Sales and Growth Rate (2019-2024) & (K Units)

Figure 42. Asia Pacific Spin-Transfer Torque Devices Sales and Growth Rate (K Units)

Figure 43. Asia Pacific Spin-Transfer Torque Devices Sales Market Share by Region in 2023

Figure 44. China Spin-Transfer Torque Devices Sales and Growth Rate (2019-2024) & (K Units)

Figure 45. Japan Spin-Transfer Torque Devices Sales and Growth Rate (2019-2024) & (K Units)

Figure 46. South Korea Spin-Transfer Torque Devices Sales and Growth Rate (2019-2024) & (K Units)

Figure 47. India Spin-Transfer Torque Devices Sales and Growth Rate (2019-2024) & (K Units)

Figure 48. Southeast Asia Spin-Transfer Torque Devices Sales and Growth Rate

(2019-2024) & (K Units)

Figure 49. South America Spin-Transfer Torque Devices Sales and Growth Rate (K Units)

Figure 50. South America Spin-Transfer Torque Devices Sales Market Share by Country in 2023

Figure 51. Brazil Spin-Transfer Torque Devices Sales and Growth Rate (2019-2024) & (K Units)

Figure 52. Argentina Spin-Transfer Torque Devices Sales and Growth Rate (2019-2024) & (K Units)

Figure 53. Columbia Spin-Transfer Torque Devices Sales and Growth Rate (2019-2024) & (K Units)

Figure 54. Middle East and Africa Spin-Transfer Torque Devices Sales and Growth Rate (K Units)

Figure 55. Middle East and Africa Spin-Transfer Torque Devices Sales Market Share by Region in 2023

Figure 56. Saudi Arabia Spin-Transfer Torque Devices Sales and Growth Rate (2019-2024) & (K Units)

Figure 57. UAE Spin-Transfer Torque Devices Sales and Growth Rate (2019-2024) & (K Units)

Figure 58. Egypt Spin-Transfer Torque Devices Sales and Growth Rate (2019-2024) & (K Units)

Figure 59. Nigeria Spin-Transfer Torque Devices Sales and Growth Rate (2019-2024) & (K Units)

Figure 60. South Africa Spin-Transfer Torque Devices Sales and Growth Rate (2019-2024) & (K Units)

Figure 61. Global Spin-Transfer Torque Devices Sales Forecast by Volume (2019-2030) & (K Units)

Figure 62. Global Spin-Transfer Torque Devices Market Size Forecast by Value (2019-2030) & (M USD)

Figure 63. Global Spin-Transfer Torque Devices Sales Market Share Forecast by Type (2025-2030)

Figure 64. Global Spin-Transfer Torque Devices Market Share Forecast by Type (2025-2030)

Figure 65. Global Spin-Transfer Torque Devices Sales Forecast by Application (2025-2030)

Figure 66. Global Spin-Transfer Torque Devices Market Share Forecast by Application (2025-2030)

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