



## Spin-Transfer Torque Devices Industry Research Report 2026

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Electronics & Semiconductor	2026-03-03	128	PDF

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### Description

The global Spin-Transfer Torque Devices market was valued at US\$ million in 2025 and is projected to reach US\$ million by 2032, implying a CAGR of % over 2026–2032.

The North America market for Spin-Transfer Torque Devices is forecast to increase from US\$ million in 2026 to US\$ million by 2032, corresponding to a CAGR of % over 2026–2032.

The Europe market for Spin-Transfer Torque Devices is projected to rise from US\$ million in 2026 to US\$ million by 2032, registering a CAGR of % over 2026–2032.

The Asia Pacific market for Spin-Transfer Torque Devices is expected to grow from US\$ million in 2026 to US\$ million by 2032, at a CAGR of % over 2026–2032.

Leading global manufacturers of Spin-Transfer Torque Devices include , among others. In 2025, the top three vendors together accounted for approximately % of global revenue.

### Report Scope

This report quantifies the global Spin-Transfer Torque Devices market in revenue (US\$ million) and, where applicable, sales volume (k units), using 2025 as the base year and providing annual historical and forecast data for 2021–2032.

It standardizes definitions of types and applications, harmonizes vendor attribution, and presents comparable time series by company, type, application, and region/country, including indicative price bands (US\$/k units) and concentration ratios (CR5/CR10).

The outputs are intended to support strategy development, budgeting, and performance benchmarking for manufacturers, new entrants, channel partners, and investors; the report also reviews technology shifts and notable product introductions relevant to Spin-Transfer Torque Devices.

### Key Companies & Market Share Insights

This section profiles leading manufacturers, combining 2021–2025 results with a 2026–2032 outlook. It reports revenue, market share, price bands, product and application mix, regional and channel mix, and key developments (M&A, capacity additions, certifications). It also provides global revenue, average price, and—where applicable—sales volume by manufacturer, and calculates CR5/CR10 and rank changes to support comparative benchmarking.

Spin-Transfer Torque Devices Market by 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

### **Spin-Transfer Torque Devices Segment by Type**

Clockwise Spin  
Counter Clockwise Spin

### **Spin-Transfer Torque Devices Segment by Application**

Data Storage  
Electric Vehicles  
Industrial Motors  
Semiconductor Lasers  
Microwave Devices  
Quantum Computing  
Other

### **Spin-Transfer Torque Devices Segment by Region**

North America  
United States  
Canada  
Mexico  
Europe  
Germany  
France  
U.K.  
Italy  
Russia  
Spain  
Netherlands  
Switzerland  
Sweden  
Poland  
Asia-Pacific  
China  
Japan  
South Korea  
India  
Australia  
Taiwan  
Southeast Asia  
South America  
Brazil

Argentina  
Chile  
Middle East & Africa  
Egypt  
South Africa  
Israel  
Türkiye  
GCC Countries

## **Key Drivers & Barriers**

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

## **Reasons to Buy This Report**

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Spin-Transfer Torque Devices market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of Spin-Transfer Torque Devices and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market
5. This report helps stakeholders to gain insights into which regions to target globally
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Spin-Transfer Torque Devices.
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

## **Chapter Outline**

### **Chapter 1:**

Research objectives, research methods, data sources, data cross-validation;

### **Chapter 2:**

Introduces the report scope of the report, 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 market and its likely evolution in the short to mid-term, and long term.

### **Chapter 3:**

Detailed analysis of Spin-Transfer Torque Devices manufacturers competitive landscape, price, production and value market share, latest development plan, merger, and acquisition information, etc.

### **Chapter 4:**

Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

#### **Chapter 5:**

Production/output, value of Spin-Transfer Torque Devices by region/country. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

#### **Chapter 6:**

Consumption of Spin-Transfer Torque Devices in regional level and country level. It 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 production of each country in the world.

#### **Chapter 7:**

Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

#### **Chapter 8:**

Provides the analysis of various market segments by 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 9:**

Analysis of industrial chain, including the upstream and downstream of the industry.

#### **Chapter 10:**

Introduces the market dynamics, 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 11:**

The main points and conclusions of the report.

# Table of Contents

---

## 1 Preface

- 1.1 Scope of Report
- 1.2 Reasons for Doing This Study
- 1.3 Research Methodology
- 1.4 Research Process
- 1.5 Data Source
  - 1.5.1 Secondary Sources
  - 1.5.2 Primary Sources

---

## 2 Market Overview

- 2.1 Product Definition
- 2.2 Spin-Transfer Torque Devices by Type
  - 2.2.1 Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
  - 2.2.2 Clockwise Spin
  - 2.2.3 Counter Clockwise Spin
- 2.3 Spin-Transfer Torque Devices by Application
  - 2.3.1 Market Value Comparison by Application (2021 VS 2025 VS 2032) & (US\$ Million)
  - 2.3.2 Data Storage
  - 2.3.3 Electric Vehicles
  - 2.3.4 Industrial Motors
  - 2.3.5 Semiconductor Lasers
  - 2.3.6 Microwave Devices
  - 2.3.7 Quantum Computing
  - 2.3.8 Other
- 2.4 Global Market Growth Prospects
  - 2.4.1 Global Spin-Transfer Torque Devices Production Value Estimates and Forecasts (2021-2032)
  - 2.4.2 Global Spin-Transfer Torque Devices Production Capacity Estimates and Forecasts (2021-2032)
  - 2.4.3 Global Spin-Transfer Torque Devices Production Estimates and Forecasts (2021-2032)
  - 2.4.4 Global Spin-Transfer Torque Devices Market Average Price (2021-2032)

---

## 3 Market Competitive Landscape by Manufacturers

- 3.1 Global Spin-Transfer Torque Devices Production by Manufacturers (2021-2026)
- 3.2 Global Spin-Transfer Torque Devices Production Value by Manufacturers (2021-2026)
- 3.3 Global Spin-Transfer Torque Devices Average Price by Manufacturers (2021-2026)
- 3.4 Global Spin-Transfer Torque Devices Industry Manufacturers Ranking, 2024 VS 2025 VS 2026
- 3.5 Global Spin-Transfer Torque Devices Key Manufacturers, Manufacturing Sites & Headquarters
- 3.6 Global Spin-Transfer Torque Devices Manufacturers, Product Type & Application
- 3.7 Global Spin-Transfer Torque Devices Manufacturers Established Date
- 3.8 Global Spin-Transfer Torque Devices Market CR5 and HHI
- 3.9 Global Manufacturers Mergers & Acquisition

---

## 4 Manufacturers Profiled

- 4.1 Advanced MicroSensors, Corporation
  - 4.1.1 Advanced MicroSensors, Corporation Spin-Transfer Torque Devices Company Information
  - 4.1.2 Advanced MicroSensors, Corporation Spin-Transfer Torque Devices Business Overview

- 4.1.3 Advanced MicroSensors, Corporation Spin-Transfer Torque Devices Production, Value and Gross Margin (2021-2026)
- 4.1.4 Advanced MicroSensors, Corporation Product Portfolio
- 4.1.5 Advanced MicroSensors, Corporation Recent Developments
- 4.2 Applied Spintronics Technology
  - 4.2.1 Applied Spintronics Technology Spin-Transfer Torque Devices Company Information
  - 4.2.2 Applied Spintronics Technology Spin-Transfer Torque Devices Business Overview
  - 4.2.3 Applied Spintronics Technology Spin-Transfer Torque Devices Production, Value and Gross Margin (2021-2026)
  - 4.2.4 Applied Spintronics Technology Product Portfolio
  - 4.2.5 Applied Spintronics Technology Recent Developments
- 4.3 Atomistix A/S
  - 4.3.1 Atomistix A/S Spin-Transfer Torque Devices Company Information
  - 4.3.2 Atomistix A/S Spin-Transfer Torque Devices Business Overview
  - 4.3.3 Atomistix A/S Spin-Transfer Torque Devices Production, Value and Gross Margin (2021-2026)
  - 4.3.4 Atomistix A/S Product Portfolio
  - 4.3.5 Atomistix A/S Recent Developments
- 4.4 Crocus Technology
  - 4.4.1 Crocus Technology Spin-Transfer Torque Devices Company Information
  - 4.4.2 Crocus Technology Spin-Transfer Torque Devices Business Overview
  - 4.4.3 Crocus Technology Spin-Transfer Torque Devices Production, Value and Gross Margin (2021-2026)
  - 4.4.4 Crocus Technology Product Portfolio
  - 4.4.5 Crocus Technology Recent Developments
- 4.5 Everspin Technologies
  - 4.5.1 Everspin Technologies Spin-Transfer Torque Devices Company Information
  - 4.5.2 Everspin Technologies Spin-Transfer Torque Devices Business Overview
  - 4.5.3 Everspin Technologies Spin-Transfer Torque Devices Production, Value and Gross Margin (2021-2026)
  - 4.5.4 Everspin Technologies Product Portfolio
  - 4.5.5 Everspin Technologies Recent Developments
- 4.6 Freescale Semiconductor
  - 4.6.1 Freescale Semiconductor Spin-Transfer Torque Devices Company Information
  - 4.6.2 Freescale Semiconductor Spin-Transfer Torque Devices Business Overview
  - 4.6.3 Freescale Semiconductor Spin-Transfer Torque Devices Production, Value and Gross Margin (2021-2026)
  - 4.6.4 Freescale Semiconductor Product Portfolio
  - 4.6.5 Freescale Semiconductor Recent Developments
- 4.7 Intel Corporation
  - 4.7.1 Intel Corporation Spin-Transfer Torque Devices Company Information
  - 4.7.2 Intel Corporation Spin-Transfer Torque Devices Business Overview
  - 4.7.3 Intel Corporation Spin-Transfer Torque Devices Production, Value and Gross Margin (2021-2026)
  - 4.7.4 Intel Corporation Product Portfolio
  - 4.7.5 Intel Corporation Recent Developments
- 4.8 NVE Corporation
  - 4.8.1 NVE Corporation Spin-Transfer Torque Devices Company Information
  - 4.8.2 NVE Corporation Spin-Transfer Torque Devices Business Overview
  - 4.8.3 NVE Corporation Spin-Transfer Torque Devices Production, Value and Gross Margin (2021-2026)
  - 4.8.4 NVE Corporation Product Portfolio
  - 4.8.5 NVE Corporation Recent Developments
- 4.9 Organic Spintronics s.r.l
  - 4.9.1 Organic Spintronics s.r.l Spin-Transfer Torque Devices Company Information

- 4.9.2 Organic Spintronics s.r.l Spin-Transfer Torque Devices Business Overview
- 4.9.3 Organic Spintronics s.r.l Spin-Transfer Torque Devices Production, Value and Gross Margin (2021-2026)
- 4.9.4 Organic Spintronics s.r.l Product Portfolio
- 4.9.5 Organic Spintronics s.r.l Recent Developments

#### 4.10 QuantumWise A/S

- 4.10.1 QuantumWise A/S Spin-Transfer Torque Devices Company Information
- 4.10.2 QuantumWise A/S Spin-Transfer Torque Devices Business Overview
- 4.10.3 QuantumWise A/S Spin-Transfer Torque Devices Production, Value and Gross Margin (2021-2026)
- 4.10.4 QuantumWise A/S Product Portfolio
- 4.10.5 QuantumWise A/S Recent Developments

#### 4.11 Rhomap Ltd

- 4.11.1 Rhomap Ltd Spin-Transfer Torque Devices Company Information
- 4.11.2 Rhomap Ltd Spin-Transfer Torque Devices Business Overview
- 4.11.3 Rhomap Ltd Spin-Transfer Torque Devices Production, Value and Gross Margin (2021-2026)
- 4.11.4 Rhomap Ltd Product Portfolio
- 4.11.5 Rhomap Ltd Recent Developments

#### 4.12 Spin Transfer Technologies

- 4.12.1 Spin Transfer Technologies Spin-Transfer Torque Devices Company Information
- 4.12.2 Spin Transfer Technologies Spin-Transfer Torque Devices Business Overview
- 4.12.3 Spin Transfer Technologies Spin-Transfer Torque Devices Production, Value and Gross Margin (2021-2026)
- 4.12.4 Spin Transfer Technologies Product Portfolio
- 4.12.5 Spin Transfer Technologies Recent Developments

#### 4.13 Spintronics International Pte

- 4.13.1 Spintronics International Pte Spin-Transfer Torque Devices Company Information
- 4.13.2 Spintronics International Pte Spin-Transfer Torque Devices Business Overview
- 4.13.3 Spintronics International Pte Spin-Transfer Torque Devices Production, Value and Gross Margin (2021-2026)
- 4.13.4 Spintronics International Pte Product Portfolio
- 4.13.5 Spintronics International Pte Recent Developments

---

## 5 Global Spin-Transfer Torque Devices Production by Region

- 5.1 Global Spin-Transfer Torque Devices Production Estimates and Forecasts by Region: 2021 VS 2025 VS 2032
- 5.2 Global Spin-Transfer Torque Devices Production by Region: 2021-2032
  - 5.2.1 Global Spin-Transfer Torque Devices Production by Region: 2021-2026
  - 5.2.2 Global Spin-Transfer Torque Devices Production Forecast by Region (2027-2032)
- 5.3 Global Spin-Transfer Torque Devices Production Value Estimates and Forecasts by Region: 2021 VS 2025 VS 2032
- 5.4 Global Spin-Transfer Torque Devices Production Value by Region: 2021-2032
  - 5.4.1 Global Spin-Transfer Torque Devices Production Value by Region: 2021-2026
  - 5.4.2 Global Spin-Transfer Torque Devices Production Value Forecast by Region (2027-2032)
- 5.5 Global Spin-Transfer Torque Devices Market Price Analysis by Region (2021-2026)
- 5.6 Global Spin-Transfer Torque Devices Production and Value, YOY Growth
  - 5.6.1 North America Spin-Transfer Torque Devices Production Value Estimates and Forecasts (2021-2032)
  - 5.6.2 Europe Spin-Transfer Torque Devices Production Value Estimates and Forecasts (2021-2032)
  - 5.6.3 China Spin-Transfer Torque Devices Production Value Estimates and Forecasts (2021-2032)
  - 5.6.4 Japan Spin-Transfer Torque Devices Production Value Estimates and Forecasts (2021-2032)
  - 5.6.5 South Korea Spin-Transfer Torque Devices Production Value Estimates and Forecasts (2021-2032)

---

## 6 Global Spin-Transfer Torque Devices Consumption by Region

- 6.1 Global Spin-Transfer Torque Devices Consumption Estimates and Forecasts by Region: 2021 VS 2025 VS 2032
- 6.2 Global Spin-Transfer Torque Devices Consumption by Region (2021-2032)

6.2.1 Global Spin-Transfer Torque Devices Consumption by Region: 2021-2026

6.2.2 Global Spin-Transfer Torque Devices Forecasted Consumption by Region (2027-2032)

### 6.3 North America

6.3.1 North America Spin-Transfer Torque Devices Consumption Growth Rate by Country: 2021 VS 2025 VS 2032

6.3.2 North America Spin-Transfer Torque Devices Consumption by Country (2021-2032)

6.3.3 United States

6.3.4 Canada

6.3.5 Mexico

### 6.4 Europe

6.4.1 Europe Spin-Transfer Torque Devices Consumption Growth Rate by Country: 2021 VS 2025 VS 2032

6.4.2 Europe Spin-Transfer Torque Devices Consumption by Country (2021-2032)

6.4.3 Germany

6.4.4 France

6.4.5 U.K.

6.4.6 Italy

6.4.7 Russia

6.4.8 Spain

6.4.9 Netherlands

6.4.10 Switzerland

6.4.11 Sweden

6.4.12 Poland

### 6.5 Asia Pacific

6.5.1 Asia Pacific Spin-Transfer Torque Devices Consumption Growth Rate by Country: 2021 VS 2025 VS 2032

6.5.2 Asia Pacific Spin-Transfer Torque Devices Consumption by Country (2021-2032)

6.5.3 China

6.5.4 Japan

6.5.5 South Korea

6.5.6 India

6.5.7 Australia

6.5.8 Taiwan

6.5.9 Southeast Asia

### 6.6 South America, Middle East & Africa

6.6.1 South America, Middle East & Africa Spin-Transfer Torque Devices Consumption Growth Rate by Country: 2021 VS 2025 VS 2032

6.6.2 South America, Middle East & Africa Spin-Transfer Torque Devices Consumption by Country (2021-2032)

6.6.3 Brazil

6.6.4 Argentina

6.6.5 Chile

6.6.6 Turkey

6.6.7 GCC Countries

---

## 7 Segment by Type

7.1 Global Spin-Transfer Torque Devices Production by Type (2021-2032)

7.1.1 Global Spin-Transfer Torque Devices Production by Type (2021-2032) & (k units)

7.1.2 Global Spin-Transfer Torque Devices Production Market Share by Type (2021-2032)

7.2 Global Spin-Transfer Torque Devices Production Value by Type (2021-2032)

7.2.1 Global Spin-Transfer Torque Devices Production Value by Type (2021-2032) & (US\$ Million)

7.2.2 Global Spin-Transfer Torque Devices Production Value Market Share by Type (2021-2032)

7.3 Global Spin-Transfer Torque Devices Price by Type (2021-2032)

---

## **8 Segment by Application**

8.1 Global Spin-Transfer Torque Devices Production by Application (2021-2032)

8.1.1 Global Spin-Transfer Torque Devices Production by Application (2021-2032) & (k units)

8.1.2 Global Spin-Transfer Torque Devices Production Market Share by Application (2021-2032)

8.2 Global Spin-Transfer Torque Devices Production Value by Application (2021-2032)

8.2.1 Global Spin-Transfer Torque Devices Production Value by Application (2021-2032) & (US\$ Million)

8.2.2 Global Spin-Transfer Torque Devices Production Value Market Share by Application (2021-2032)

8.3 Global Spin-Transfer Torque Devices Price by Application (2021-2032)

---

## **9 Value Chain and Sales Channels Analysis of the Market**

9.1 Spin-Transfer Torque Devices Value Chain Analysis

9.1.1 Spin-Transfer Torque Devices Key Raw Materials

9.1.2 Raw Materials Key Suppliers

9.1.3 Spin-Transfer Torque Devices Production Mode & Process

9.2 Spin-Transfer Torque Devices Sales Channels Analysis

9.2.1 Direct Comparison with Distribution Share

9.2.2 Spin-Transfer Torque Devices Distributors

9.2.3 Spin-Transfer Torque Devices Customers

---

## **10 Global Spin-Transfer Torque Devices Analyzing Market Dynamics**

10.1 Spin-Transfer Torque Devices Industry Trends

10.2 Spin-Transfer Torque Devices Industry Drivers

10.3 Spin-Transfer Torque Devices Industry Opportunities and Challenges

10.4 Spin-Transfer Torque Devices Industry Restraints

---

## **11 Report Conclusion**

## **12 Disclaimer**

## List of Tables and Figures

---

### List of Tables:

- Table 1: Secondary Sources
- Table 2: Primary Sources
- Table 3: Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
- Table 4: Market Value Comparison by Application (2021 VS 2025 VS 2032) & (US\$ Million)
- Table 5: Global Spin-Transfer Torque Devices Production by Manufacturers (k units) & (2021-2026)
- Table 6: Global Spin-Transfer Torque Devices Production Market Share by Manufacturers
- Table 7: Global Spin-Transfer Torque Devices Production Value by Manufacturers (US\$ Million) & (2021-2026)
- Table 8: Global Spin-Transfer Torque Devices Production Value Market Share by Manufacturers (2021-2026)
- Table 9: Global Spin-Transfer Torque Devices Average Price (USD/unit) of Manufacturers (2021-2026)
- Table 10: Global Spin-Transfer Torque Devices Industry Manufacturers Ranking, 2024 VS 2025 VS 2026
- Table 11: Global Spin-Transfer Torque Devices Key Manufacturers, Manufacturing Sites & Headquarters
- Table 12: Global Spin-Transfer Torque Devices Manufacturers, Product Type & Application
- Table 13: Global Spin-Transfer Torque Devices Manufacturers Established Date
- Table 14: Global Manufacturers Market Concentration Ratio (CR5 and HHI)
- Table 15: Global Spin-Transfer Torque Devices by Manufacturers Type (Tier 1, Tier 2, and Tier 3) & (based on the Production Value of 2025)
- Table 16: Manufacturers Mergers & Acquisitions, Expansion Plans
- Table 17: Advanced MicroSensors, Corporation Company Information
- Table 18: Advanced MicroSensors, Corporation Business Overview
- Table 19: Advanced MicroSensors, Corporation Spin-Transfer Torque Devices Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 20: Advanced MicroSensors, Corporation Spin-Transfer Torque Devices Product Portfolio
- Table 21: Advanced MicroSensors, Corporation Recent Development
- Table 22: Applied Spintronics Technology Company Information
- Table 23: Applied Spintronics Technology Business Overview
- Table 24: Applied Spintronics Technology Spin-Transfer Torque Devices Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 25: Applied Spintronics Technology Spin-Transfer Torque Devices Product Portfolio
- Table 26: Applied Spintronics Technology Recent Development
- Table 27: Atomistix A/S Company Information
- Table 28: Atomistix A/S Business Overview
- Table 29: Atomistix A/S Spin-Transfer Torque Devices Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 30: Atomistix A/S Spin-Transfer Torque Devices Product Portfolio
- Table 31: Atomistix A/S Recent Development
- Table 32: Crocus Technology Company Information
- Table 33: Crocus Technology Business Overview
- Table 34: Crocus Technology Spin-Transfer Torque Devices Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 35: Crocus Technology Spin-Transfer Torque Devices Product Portfolio
- Table 36: Crocus Technology Recent Development
- Table 37: Everspin Technologies Company Information
- Table 38: Everspin Technologies Business Overview
- Table 39: Everspin Technologies Spin-Transfer Torque Devices Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 40: Everspin Technologies Spin-Transfer Torque Devices Product Portfolio
- Table 41: Everspin Technologies Recent Development
- Table 42: Freescale Semiconductor Company Information
- Table 43: Freescale Semiconductor Business Overview
- Table 44: Freescale Semiconductor Spin-Transfer Torque Devices Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 45: Freescale Semiconductor Spin-Transfer Torque Devices Product Portfolio
- Table 46: Freescale Semiconductor Recent Development
- Table 47: Intel Corporation Company Information
- Table 48: Intel Corporation Business Overview

- Table 49: Intel Corporation Spin-Transfer Torque Devices Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 50: Intel Corporation Spin-Transfer Torque Devices Product Portfolio
- Table 51: Intel Corporation Recent Development
- Table 52: NVE Corporation Company Information
- Table 53: NVE Corporation Business Overview
- Table 54: NVE Corporation Spin-Transfer Torque Devices Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 55: NVE Corporation Spin-Transfer Torque Devices Product Portfolio
- Table 56: NVE Corporation Recent Development
- Table 57: Organic Spintronics s.r.l Company Information
- Table 58: Organic Spintronics s.r.l Business Overview
- Table 59: Organic Spintronics s.r.l Spin-Transfer Torque Devices Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 60: Organic Spintronics s.r.l Spin-Transfer Torque Devices Product Portfolio
- Table 61: Organic Spintronics s.r.l Recent Development
- Table 62: QuantumWise A/S Company Information
- Table 63: QuantumWise A/S Business Overview
- Table 64: QuantumWise A/S Spin-Transfer Torque Devices Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 65: QuantumWise A/S Spin-Transfer Torque Devices Product Portfolio
- Table 66: QuantumWise A/S Recent Development
- Table 67: Rhomap Ltd Company Information
- Table 68: Rhomap Ltd Business Overview
- Table 69: Rhomap Ltd Spin-Transfer Torque Devices Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 70: Rhomap Ltd Spin-Transfer Torque Devices Product Portfolio
- Table 71: Rhomap Ltd Recent Development
- Table 72: Spin Transfer Technologies Company Information
- Table 73: Spin Transfer Technologies Business Overview
- Table 74: Spin Transfer Technologies Spin-Transfer Torque Devices Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 75: Spin Transfer Technologies Spin-Transfer Torque Devices Product Portfolio
- Table 76: Spin Transfer Technologies Recent Development
- Table 77: Spintronics International Pte Company Information
- Table 78: Spintronics International Pte Business Overview
- Table 79: Spintronics International Pte Spin-Transfer Torque Devices Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 80: Spintronics International Pte Spin-Transfer Torque Devices Product Portfolio
- Table 81: Spintronics International Pte Recent Development
- Table 82: Global Spin-Transfer Torque Devices Production Comparison by Region: 2021 VS 2025 VS 2032 (k units)
- Table 83: Global Spin-Transfer Torque Devices Production by Region (2021-2026) & (k units)
- Table 84: Global Spin-Transfer Torque Devices Production Market Share by Region (2021-2026)
- Table 85: Global Spin-Transfer Torque Devices Production Forecast by Region (2027-2032) & (k units)
- Table 86: Global Spin-Transfer Torque Devices Production Market Share Forecast by Region (2027-2032)
- Table 87: Global Spin-Transfer Torque Devices Production Value Comparison by Region: 2021 VS 2025 VS 2032 (US\$ Million)
- Table 88: Global Spin-Transfer Torque Devices Production Value by Region (2021-2026) & (US\$ Million)
- Table 89: Global Spin-Transfer Torque Devices Production Value Market Share by Region (2021-2026)
- Table 90: Global Spin-Transfer Torque Devices Production Value Forecast by Region (2027-2032) & (US\$ Million)
- Table 91: Global Spin-Transfer Torque Devices Market Average Price (USD/unit) by Region (2021-2026)
- Table 92: Global Spin-Transfer Torque Devices Market Average Price (USD/unit) by Region (2027-2032)
- Table 93: Global Spin-Transfer Torque Devices Consumption Comparison by Region: 2021 VS 2025 VS 2032 (k units)
- Table 94: Global Spin-Transfer Torque Devices Consumption by Region (2021-2026) & (k units)
- Table 95: Global Spin-Transfer Torque Devices Consumption Market Share by Region (2021-2026)
- Table 96: Global Spin-Transfer Torque Devices Forecasted Consumption by Region (2027-2032) & (k units)
- Table 97: Global Spin-Transfer Torque Devices Forecasted Consumption Market Share by Region (2027-2032)
- Table 98: North America Spin-Transfer Torque Devices Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 99: North America Spin-Transfer Torque Devices Consumption by Country (2021-2026) & (k units)
- Table 100: North America Spin-Transfer Torque Devices Consumption by Country (2027-2032) & (k units)
- Table 101: Europe Spin-Transfer Torque Devices Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 102: Europe Spin-Transfer Torque Devices Consumption by Country (2021-2026) & (k units)
- Table 103: Europe Spin-Transfer Torque Devices Consumption by Country (2027-2032) & (k units)
- Table 104: Asia Pacific Spin-Transfer Torque Devices Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 105: Asia Pacific Spin-Transfer Torque Devices Consumption by Country (2021-2026) & (k units)

- Table 106: Asia Pacific Spin-Transfer Torque Devices Consumption by Country (2027-2032) & (k units)
- Table 107: South America, Middle East & Africa Spin-Transfer Torque Devices Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 108: South America, Middle East & Africa Spin-Transfer Torque Devices Consumption by Country (2021-2026) & (k units)
- Table 109: South America, Middle East & Africa Spin-Transfer Torque Devices Consumption by Country (2027-2032) & (k units)
- Table 110: Global Spin-Transfer Torque Devices Production by Type (2021-2026) & (k units)
- Table 111: Global Spin-Transfer Torque Devices Production by Type (2027-2032) & (k units)
- Table 112: Global Spin-Transfer Torque Devices Production Market Share by Type (2021-2026)
- Table 113: Global Spin-Transfer Torque Devices Production Market Share by Type (2027-2032)
- Table 114: Global Spin-Transfer Torque Devices Production Value by Type (2021-2026) & (US\$ Million)
- Table 115: Global Spin-Transfer Torque Devices Production Value by Type (2027-2032) & (US\$ Million)
- Table 116: Global Spin-Transfer Torque Devices Production Value Market Share by Type (2021-2026)
- Table 117: Global Spin-Transfer Torque Devices Production Value Market Share by Type (2027-2032)
- Table 118: Global Spin-Transfer Torque Devices Price by Type (2021-2026) & (USD/unit)
- Table 119: Global Spin-Transfer Torque Devices Price by Type (2027-2032) & (USD/unit)
- Table 120: Global Spin-Transfer Torque Devices Production by Application (2021-2026) & (k units)
- Table 121: Global Spin-Transfer Torque Devices Production by Application (2027-2032) & (k units)
- Table 122: Global Spin-Transfer Torque Devices Production Market Share by Application (2021-2026)
- Table 123: Global Spin-Transfer Torque Devices Production Market Share by Application (2027-2032)
- Table 124: Global Spin-Transfer Torque Devices Production Value by Application (2021-2026) & (US\$ Million)
- Table 125: Global Spin-Transfer Torque Devices Production Value by Application (2027-2032) & (US\$ Million)
- Table 126: Global Spin-Transfer Torque Devices Production Value Market Share by Application (2021-2026)
- Table 127: Global Spin-Transfer Torque Devices Production Value Market Share by Application (2027-2032)
- Table 128: Global Spin-Transfer Torque Devices Price by Application (2021-2026) & (USD/unit)
- Table 129: Global Spin-Transfer Torque Devices Price by Application (2027-2032) & (USD/unit)
- Table 130: Key Raw Materials
- Table 131: Raw Materials Key Suppliers
- Table 132: Spin-Transfer Torque Devices Distributors List
- Table 133: Spin-Transfer Torque Devices Customers List
- Table 134: Spin-Transfer Torque Devices Industry Trends
- Table 135: Spin-Transfer Torque Devices Industry Drivers
- Table 136: Spin-Transfer Torque Devices Industry Restraints
- Table 137: Authors List of This Report

## List of Figures:

- Figure 1: Research Methodology
- Figure 2: Research Process
- Figure 3: Key Executives Interviewed
- Figure 4: Spin-Transfer Torque Devices Product Image
- Figure 5: Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
- Figure 6: Clockwise Spin Product Image
- Figure 7: Counter Clockwise Spin Product Image
- Figure 8: Data Storage Product Image
- Figure 9: Electric Vehicles Product Image
- Figure 10: Industrial Motors Product Image
- Figure 11: Semiconductor Lasers Product Image
- Figure 12: Microwave Devices Product Image
- Figure 13: Quantum Computing Product Image
- Figure 14: Other Product Image
- Figure 15: Global Spin-Transfer Torque Devices Production Value (US\$ Million), 2021 VS 2025 VS 2032
- Figure 16: Global Spin-Transfer Torque Devices Production Value (2021-2032) & (US\$ Million)
- Figure 17: Global Spin-Transfer Torque Devices Production Capacity (2021-2032) & (k units)
- Figure 18: Global Spin-Transfer Torque Devices Production (2021-2032) & (k units)
- Figure 19: Global Spin-Transfer Torque Devices Average Price (USD/unit) & (2021-2032)
- Figure 20: Global Spin-Transfer Torque Devices Key Manufacturers, Manufacturing Sites & Headquarters
- Figure 21: Global Top 5 and 10 Spin-Transfer Torque Devices Players Market Share by Production Value in 2025
- Figure 22: Manufacturers Type (Tier 1, Tier 2, and Tier 3): 2021 VS 2025
- Figure 23: Global Spin-Transfer Torque Devices Production Comparison by Region: 2021 VS 2025 VS 2032 (k units)
- Figure 24: Global Spin-Transfer Torque Devices Production Market Share by Region: 2021 VS 2025 VS 2032
- Figure 25: Global Spin-Transfer Torque Devices Production Value Comparison by Region: 2021 VS 2025 VS 2032 (US\$ Million)

- Figure 26: Global Spin-Transfer Torque Devices Production Value Market Share by Region: 2021 VS 2025 VS 2032
- Figure 27: North America Spin-Transfer Torque Devices Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 28: Europe Spin-Transfer Torque Devices Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 29: China Spin-Transfer Torque Devices Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 30: Japan Spin-Transfer Torque Devices Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 31: South Korea Spin-Transfer Torque Devices Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 32: Global Spin-Transfer Torque Devices Consumption Comparison by Region: 2021 VS 2025 VS 2032 (k units)
- Figure 33: Global Spin-Transfer Torque Devices Consumption Market Share by Region: 2021 VS 2025 VS 2032
- Figure 34: North America Spin-Transfer Torque Devices Consumption and Growth Rate (2021-2032) & (k units)
- Figure 35: North America Spin-Transfer Torque Devices Consumption Market Share by Country (2021-2032)
- Figure 36: United States Spin-Transfer Torque Devices Consumption and Growth Rate (2021-2032) & (k units)
- Figure 37: United States Spin-Transfer Torque Devices Consumption and Growth Rate (2021-2032) & (k units)
- Figure 38: Canada Spin-Transfer Torque Devices Consumption and Growth Rate (2021-2032) & (k units)
- Figure 39: Mexico Spin-Transfer Torque Devices Consumption and Growth Rate (2021-2032) & (k units)
- Figure 40: Europe Spin-Transfer Torque Devices Consumption and Growth Rate (2021-2032) & (k units)
- Figure 41: Europe Spin-Transfer Torque Devices Consumption Market Share by Country (2021-2032)
- Figure 42: Germany Spin-Transfer Torque Devices Consumption and Growth Rate (2021-2032) & (k units)
- Figure 43: France Spin-Transfer Torque Devices Consumption and Growth Rate (2021-2032) & (k units)
- Figure 44: U.K. Spin-Transfer Torque Devices Consumption and Growth Rate (2021-2032) & (k units)
- Figure 45: Italy Spin-Transfer Torque Devices Consumption and Growth Rate (2021-2032) & (k units)
- Figure 46: Russia Spin-Transfer Torque Devices Consumption and Growth Rate (2021-2032) & (k units)
- Figure 47: Spain Spin-Transfer Torque Devices Consumption and Growth Rate (2021-2032) & (k units)
- Figure 48: Netherlands Spin-Transfer Torque Devices Consumption and Growth Rate (2021-2032) & (k units)
- Figure 49: Switzerland Spin-Transfer Torque Devices Consumption and Growth Rate (2021-2032) & (k units)
- Figure 50: Sweden Spin-Transfer Torque Devices Consumption and Growth Rate (2021-2032) & (k units)
- Figure 51: Poland Spin-Transfer Torque Devices Consumption and Growth Rate (2021-2032) & (k units)
- Figure 52: Asia Pacific Spin-Transfer Torque Devices Consumption and Growth Rate (2021-2032) & (k units)
- Figure 53: Asia Pacific Spin-Transfer Torque Devices Consumption Market Share by Country (2021-2032)
- Figure 54: China Spin-Transfer Torque Devices Consumption and Growth Rate (2021-2032) & (k units)
- Figure 55: Japan Spin-Transfer Torque Devices Consumption and Growth Rate (2021-2032) & (k units)
- Figure 56: South Korea Spin-Transfer Torque Devices Consumption and Growth Rate (2021-2032) & (k units)
- Figure 57: India Spin-Transfer Torque Devices Consumption and Growth Rate (2021-2032) & (k units)
- Figure 58: Australia Spin-Transfer Torque Devices Consumption and Growth Rate (2021-2032) & (k units)
- Figure 59: Taiwan Spin-Transfer Torque Devices Consumption and Growth Rate (2021-2032) & (k units)
- Figure 60: Southeast Asia Spin-Transfer Torque Devices Consumption and Growth Rate (2021-2032) & (k units)
- Figure 61: South America, Middle East & Africa Spin-Transfer Torque Devices Consumption and Growth Rate (2021-2032) & (k units)
- Figure 62: South America, Middle East & Africa Spin-Transfer Torque Devices Consumption Market Share by Country (2021-2032)
- Figure 63: Brazil Spin-Transfer Torque Devices Consumption and Growth Rate (2021-2032) & (k units)
- Figure 64: Argentina Spin-Transfer Torque Devices Consumption and Growth Rate (2021-2032) & (k units)
- Figure 65: Chile Spin-Transfer Torque Devices Consumption and Growth Rate (2021-2032) & (k units)
- Figure 66: Turkey Spin-Transfer Torque Devices Consumption and Growth Rate (2021-2032) & (k units)
- Figure 67: GCC Countries Spin-Transfer Torque Devices Consumption and Growth Rate (2021-2032) & (k units)
- Figure 68: Global Spin-Transfer Torque Devices Production Market Share by Type (2021-2032)
- Figure 69: Global Spin-Transfer Torque Devices Production Value Market Share by Type (2021-2032)
- Figure 70: Global Spin-Transfer Torque Devices Price (USD/unit) by Type (2021-2032)
- Figure 71: Global Spin-Transfer Torque Devices Production Market Share by Application (2021-2032)
- Figure 72: Global Spin-Transfer Torque Devices Production Value Market Share by Application (2021-2032)
- Figure 73: Global Spin-Transfer Torque Devices Price (USD/unit) by Application (2021-2032)
- Figure 74: Spin-Transfer Torque Devices Value Chain
- Figure 75: Spin-Transfer Torque Devices Production Mode & Process
- Figure 76: Direct Comparison with Distribution Share
- Figure 77: Distributors Profiles
- Figure 78: Spin-Transfer Torque Devices Industry Opportunities and Challenges