

# **Spintronics Market, By Type (Metal-based devices, Giant magneto resistance-based device, Tunnel magneto resistance-based device, Spin-transfer torque device), Application, Region (North America, Europe, Asia Pacific, RoW) - Global Forecast to 2028**

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## **Abstracts**

The Spintronics Market size is estimated to grow from USD XX Billion in 2021 to USD XX Billion by 2028, growing at a CAGR of XX% during the forecast year from 2021 to 2028.

The latest report on Spintronics Market understands market size estimates, forecasts, market shares, competition analysis, along with industry trends of Spintronics with emphasis on market timelines and technology roadmaps analysis.

The Spintronics market is segmented by Type, Application, Region. The research covers the current and historic Spintronics market size and its growth trend with company outline of key players: NVE Corporation, Everspin Technologies Inc., Crocus Technology Inc., Synopsys (QuantumWise), Spin Memory Inc., IBM Corporation, Plures Technologies, Organic Spintronics, Intel Corporation, Rhomap Ltd., Advanced Micro Sensors Inc., Advanced MicroSensors Corporation, Atomistix A/S, Freescale Semiconductor Inc., Grandis, Spindeco, Spintronics-Info, Avalanche Technology.

Analysis of the global market with special focus on high growth application in each vertical and fast-growing market segments. It includes detailed competitive landscape with identification of the key players with respect to each type of market, in-depth market share analysis with individual revenue, market shares, and top players rankings. Impact analysis of the market dynamics with factors currently driving and restraining the growth of the market, along with their impact in the short, medium, and long-term

landscapes. Competitive intelligence from the company profiles, key player strategies, game-changing developments such as product launches and acquisitions.

The objective of this study is to identify the market opportunities and estimate market size by segments and countries for last few years and to forecast the values to the next five years. The report incorporates both the qualitative and quantitative aspects of the industry with respect to each of the regions and countries involved in the study. The report also covers qualitative analysis on the market, by incorporating complete pricing and cost analysis of components & products, Porter's analysis and PEST (Political, Economic, Social & Technological factor) analysis of the market. The report also profiles all major companies active in this field.

## Market Analysis and Insights: Spintronics Market Analysis & Insights

### Spintronics Market Scope and Market Size

Spintronics market is segmented by Type, Application, Region. Players, stakeholders, and other participants in the global Spintronics market will be able to gain a strong position as this report will surely benefit their marketing strategies. The market analysis focuses on revenue and forecast by region/countries and by application in terms of revenue and forecast for the period 2022-2028.

Report further studies the market development status and future and Spintronics Market trend across the world. Also, it splits Spintronics market segmentation by Type, Application, Region to deep dive research and reveals market profile and prospects.

### Spintronics Market Segments Covered in the Report

By Type:

Metal-based devices

Giant magneto resistance-based device (GMR)

Tunnel magneto resistance-based device (TMR)

Spin-transfer torque device

Spin-wave logic device

Semiconductor-based devices

Spin diode

Spin filter

A spin field-effect transistor (FET)

By Application:

Electric vehicles

Industrial motors

Data storage

Magnetic random access memory (MRAM)

Semiconductor lasers

Spintronics couplers

Magnetic sensing

Others

By Region

North America

US

Canada

Europe

UK

Germany

France

Rest of Europe

Asia-Pacific (APAC)

China

Japan

India

Rest of APAC

Rest of the World (RoW)

Middle East

Africa

South America

Reason to purchase this Spintronics Market Report:

Determine prospective investment areas based on a detailed trend analysis of the global Spintronics Market over the next years.

Gain an in-depth understanding of the underlying factors driving demand for different and Spintronics market segments in the top spending countries across the world and identify the opportunities offered by each of them.

Strengthen your understanding of the market in terms of demand drivers, industry

trends, and the latest technological developments, among others.

Identify the major channels that are driving the global Spintronics market, providing a clear picture of future opportunities that can be tapped, resulting in revenue expansion. Channelize resources by focusing on the ongoing programs that are being undertaken by the different countries within the global Spintronics market.

Make correct business decisions based on a thorough analysis of the total competitive landscape of the sector with detailed profiles of the top Spintronics market providers around the world which include information about their products, alliances, recent contract wins and financial analysis wherever available.

## Contents

### 1. EXECUTIVE SUMMARY

### 2. INTRODUCTION

- 2.1. Key Takeaways
- 2.2. Report Description
- 2.3. Market Scope & Definition
- 2.4. Stakeholders
- 2.5. Research Methodology
  - 2.5.1. Market Size
  - 2.5.2. Key Data Points From Primary Sources
  - 2.5.3. Key Data Points From Secondary Sources
  - 2.5.4. List Of Primary Sources
  - 2.5.5. List Of Secondary Sources

### 3. MARKET OVERVIEW

- 3.1. Industry Segmentation
- 3.2. Market Trends Analysis
- 3.3. Major Funding & Investments
- 3.4. Market Dynamics
  - 3.4.1. Drivers
  - 3.4.2. Restraints
  - 3.4.3. Opportunities
- 3.5. Value Chain Analysis
- 3.6. Pricing Analysis

### 4. IMPACT OF COVID-19 ON SPINTRONICS MARKET

- 4.1. Impact Of Covid-19 On Market, By Type
- 4.2. Impact Of Covid-19 On Market, By Application
- 4.3. Impact of Covid-19 On Market, By Region

### 5. SPINTRONICS MARKET, BY TYPE

- 5.1. Introduction
- 5.2. Metal-based devices

- 5.3. Giant magneto resistance-based device (GMR)
- 5.4. Tunnel magneto resistance-based device (TMR)
- 5.5. Spin-transfer torque device
- 5.6. Spin-wave logic device
- 5.7. Semiconductor-based devices
- 5.8. Spin diode
- 5.9. Spin filter
- 5.10. A spin field-effect transistor (FET)

## **6. SPINTRONICS MARKET, BY APPLICATION**

- 6.1. Introduction
- 6.2. Electric vehicles
- 6.3. Industrial motors
- 6.4. Data storage
- 6.5. Magnetic random access memory (MRAM)
- 6.6. Semiconductor lasers
- 6.7. Spintronics couplers
- 6.8. Magnetic sensing
- 6.9. Others

## **7. SPINTRONICS MARKET, BY GEOGRAPHY**

- 7.1. Introduction
- 7.2. North America
  - 7.2.1. U.S.
  - 7.2.2. Canada
- 7.3. Europe
  - 7.3.1. Germany
  - 7.3.2. U.K.
  - 7.3.3. France
  - 7.3.4. Rest of Europe
- 7.4. Asia Pacific
  - 7.4.1. China
  - 7.4.2. Japan
  - 7.4.3. India
  - 7.4.4. Rest Of Asia Pacific
- 7.5. Rest of the World
  - 7.5.1. Middle East

7.5.2. Africa

7.5.3. Latin America

## **8. COMPETITIVE ANALYSIS**

8.1. Introduction

8.2. Top Companies Ranking

8.3. Market Share Analysis

8.4. Recent Developments

8.4.1. New Product Launch

8.4.2. Mergers & Acquisitions

8.4.3. Collaborations, Partnerships & Agreements

8.4.4. Rewards & Recognition

## **9. COMPANY PROFILES**

9.1. NVE Corporation

9.2. Everspin Technologies Inc.

9.3. Crocus Technology Inc.

9.4. Synopsys (QuantumWise)

9.5. Spin Memory Inc.

9.6. IBM Corporation

9.7. Plures Technologies

9.8. Organic Spintronics

9.9. Intel Corporation

9.10. Rhomap Ltd.

9.11. Advanced Micro Sensors Inc.

9.12. Advanced MicroSensors Corporation

9.13. Atomistix A/S

9.14. Freescale Semiconductor Inc.

9.15. Grandis

9.16. Spindeco

9.17. Spintronics-Info

9.18. Avalanche Technology

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