

# **Global Spintronic Logic Devices Market By Type (Metal Based Devices and Semiconductor Based Devices) By End User (Industrial Motors, Electric Vehicles, Data Storage, Semiconductor Lasers, Magnetic Tunnel Transistor and Others) By Region, Industry Analysis and Forecast, 2020 - 2026**

<https://marketpublishers.com/r/GF750D411E98EN.html>

Date: April 2020

Pages: 283

Price: US\$ 3,600.00 (Single User License)

ID: GF750D411E98EN

## **Abstracts**

The Global Spintronic Logic Devices Market size is expected to reach \$16.7 billion by 2026, rising at a market growth of 39.9% CAGR during the forecast period. Spintronics refers to spin-based electronics that can be used to research the intrinsic spin of electrons in many solid-state devices. The key purpose is to let the electrons spin rather than just their charge, and to use the magnetic moment associated with them. All devices of spintronic technology function as per the spin orientation according to the information stored in the spins. The spins, which are attached to mobile electrons, then carry the information along a wire, leading to a terminal which reads the information. Information is traditionally collected, interpreted, and transmitted in electronic devices using a charge from an electron. This pattern is becoming increasingly energy-inefficient, owing to the fact that load movement within an information-processing system often leads to current flow and related dissipation. Replacing "charge" with an electron's "spin" to transform information can remove much of the power dissipation and lead to more energy-efficient "green electronics" being implemented. This has fueled demand for spintronic logic products, thereby increasing the growth in the market. The growth of the global market for spintronic logic devices is motivated by a significant increase in demand for spin electronics in electronic devices due to its many advantages over traditional electronics as it has been commonly used in data storage devices due to its quicker data processing capability and improved storage space. In addition, the rise in electric car penetration, which continues to increase the need for

lightweight construction and decreased battery working space & power consumption in electric vehicles, has accelerated the adoption of spintronic products. Based on Type, the market is segmented into Metal Based Devices and Semiconductor Based Devices. Metal Based Devices are further segmented into Spin -Transfer Torque Device, Tunnel-Magneto Resistance, Giant-Magneto Resistance and Others. Semiconductor Based Devices are further bifurcated across Spin Diode and Spin Filter & Spin Field Effect Transistor. Based on End User, the market is segmented into Industrial Motors, Electric Vehicles, Data Storage, Semiconductor Lasers, Magnetic Tunnel Transistor and Others. Based on Regions, the market is segmented into North America, Europe, Asia Pacific, and Latin America, Middle East & Africa. The major strategies followed by the market participants are Product Launches and Acquisition. Based on the Analysis presented in the Cardinal matrix, Infineon Technologies AG and Spectris PLC are the forerunners in the Spintronic Logic Devices Market. Companies such as NVE Corporation, Crocus Technology, Inc., and Everspin Technologies, Inc., Kistler Group, MTS Systems Corporation, FUTEK Advanced Sensor Technology, Inc., and Spin Memory, Inc. are some of the key innovators in Spintronic Logic Devices Market.

The market research report covers the analysis of key stake holders of the market. Key companies profiled in the report include Infineon Technologies AG, MTS Systems Corporation (PCB Piezotronics, Inc.), Kistler Group (Kistler Holding AG), Spectris PLC (HBM), Everspin Technologies, Inc., NVE Corporation, Crocus Technology, Inc., FUTEK Advanced Sensor Technology, Inc., Spin Memory, Inc., Sensor Technology Ltd. Recent strategies deployed in Spintronic Logic Devices Market

Partnerships, Collaborations, and Agreements:

Aug-2019: Everspin Technologies signed an IP cross-licensing agreement with Seagate Technology, a world leader in data storage solutions. Under this agreement, the latter company aimed to assigned and licensed its MRAM patents to Everspin. The agreement also includes the licensing of specific Tunneling Magnetoresistance (TMR) patents from Everspin to Seagate.

Aug-2019: Everspin Technologies collaborated with Cadence Design Systems, an electronic design automation software and engineering services company. With the help of Cadence, Everspin aimed to expand the ecosystem for its 1 Gb Spin-transfer Torque MRAM (STT-MRAM). Cadence provides DDR4 Design IP (DIP) and Verification IP (VIP) support for Everspin's 1 Gb STT-MRAM memory.

Jul-2019: Everspin Technologies came into partnership with Sage Microelectronics Corporation, a semiconductor company. Following the partnership, Sage's new Enterprise Grade Flash memory controller would provide native support for Everspin's 1 Gb STT-MRAM memory. Sage Microelectronics controllers with Everspin's 1 Gb STT-MRAM allow storage system designers to increase the reliability and performance of

systems where high-performance data persistence is critical by offering protection against power loss without the use of super capacitors or batteries.

Jul-2019: Everspin Technologies partnered with Phison Electronics Corporation, a public electronics company. Under the partnership, the latter company aimed to provide native support for Everspin's 1 Gb STT-MRAM memory in its next generation enterprise SSD controller lineup. Phison controllers with Everspin's 1 Gb STT-MRAM helps the storage system designers in enhancing the reliability and performance of systems where high-performance data persistence is critical.

#### Acquisition and Mergers:

Nov-2019: MTS Systems signed a definitive agreement to acquire R&D, a leader in designing and manufacturing of test systems. The acquisition broadened the Test & Simulation technology base of MTS. It also expanded its market presence for wind energy and aerospace markets.

Jun-2019: Infineon Technologies announced a definitive agreement to acquire Cypress Semiconductor Corporation. The acquisition would strengthen its business and help the company in providing the most comprehensive portfolio to its customers.

Apr-2018: Spectris announced that its subsidiaries Br?el & Kj?r Sound & Vibration ('BKSV') and HBM merged their activities. Both BKSV and HBM are operating companies under the Test and Measurement segment of Spectris. The combined company is named as HBK (Hottinger, Br?el & Kj?r). Both the companies have combined their expertise and strengths for delivering differentiated customer value, for example, in the domains of propulsion, durability, safety and noise, vibration, and harshness.

Oct-2017: Spectris completed the acquisition of The Omnicon Group, a company that provides a range of services for helping its customers in analyzing and improving product reliability and safety. The acquisition complemented the existing capability of the reliability and durability software and services portfolio within Spectris' Test and Measurement segment. The acquisition enabled the company to expand its geographic growth opportunities across the US and in Europe.

Aug-2017: Kistler Group acquired Vester Elektronik, a specialist in sensor technology and test automation. The acquisition added expertise to the field of automation and sensor technology and also facilitated the establishment of a centre of excellence for optical measurement in Germany.

#### Product Launches and Product Expansions:

Feb-2020: NVE Corporation launched the ASR012-10E Smart I?C TMR Angle Sensor. These new angle sensors provide a pulse-width modulated (PWM) output.

Dec-2019: NVE Corporation introduced the AHK991-14E high-field, low voltage, low power, Tunneling Magnetoresistance (TMR) magnetic switch. The new sensors have a 350 millitesla (3500 oersted) typical operate point, which is high enough for detecting

the MRI fields or strong, rare-earth magnets in close proximity that disrupt lower-field sensors.

Nov-2019: NVE Corporation extended its line of continuous-duty nanopower Tunneling Magnetoresistance (TMR) magnetic switches by adding three new volt ADT-Series TMR switches. ADT sensors combine ultralow power and high speed and provide ultralow power, making these sensors ideal for battery applications.

Jun-2019: NVE Corporation unveiled the ALT025 Tunneling Magnetoresistance (TMR) analog bridge magnetic sensor. This sensor has an extraordinary amount of signal and a wide linear range.

May-2019: FUTEK released the MBA500 torque and thrust bi-axial load cell. These solutions can be fixed into the motor's end for characterizing the torque and thrust generated from each motor and propeller.

Mar-2019: Crocus Technology launched the CT100 device, an advanced, high-performance linear (1D) magnetic sensor based on Crocus' TMR based technology. This device provides best-in-class performance across a wide temperature range together with an extremely low linearity error, low ysteresis, and low noise that allows it to address many consumers, industrial, and automotive applications and markets.

Jan-2019: NVE Corporation launched the new ASR002-10E Smart Angle Sensor. The new sensor integrates a unique Tunneling Magnetoresistance (TMR) sensor element with elegant digital signal processing.

## Scope of the Study

### Market Segmentation:

#### By Type

##### Metal Based Devices

Spin -Transfer Torque Device

Tunnel-Magneto Resistance

Giant-Magneto Resistance

Others

##### Semiconductor Based Devices

Spin Diode

Spin Filter & Spin Field Effect Transistor

### By End User

Industrial Motors

Electric Vehicles

Data Storage

Semiconductor Lasers

Magnetic Tunnel Transistor

Others

### By Geography

North America

US

Canada

Mexico

Rest of North America

Europe

Germany

UK

France

Russia

Spain

Italy

Rest of Europe

#### Asia Pacific

China

Japan

India

South Korea

Singapore

Malaysia

Rest of Asia Pacific

#### LAMEA

Brazil

Argentina

UAE

Saudi Arabia

South Africa

Nigeria

## Rest of LAMEA

### Companies Profiled

Infineon Technologies AG

MTS Systems Corporation (PCB Piezotronics, Inc.)

Kistler Group (Kistler Holding AG)

Spectris PLC (HBM)

Everspin Technologies, Inc.

NVE Corporation

Crocus Technology, Inc.

FUTEK Advanced Sensor Technology, Inc.

Spin Memory, Inc.

Sensor Technology Ltd.

### Unique Offerings from KBV Research

Exhaustive coverage

Highest number of market tables and figures

Subscription based model available

Guaranteed best price

Assured post sales research support with 10% customization free

## Contents

### **CHAPTER 1. MARKET SCOPE & METHODOLOGY**

- 1.1 Market Definition
- 1.2 Objectives
- 1.3 Market Scope
- 1.4 Segmentation
  - 1.4.1 Global Spintronic Logic Devices Market, by Type
  - 1.4.2 Global Spintronic Logic Devices Market, by End User
  - 1.4.3 Global Spintronic Logic Devices Market, by Geography
- 1.5 Methodology for the research

### **CHAPTER 2. MARKET OVERVIEW**

- 2.1 Introduction
  - 2.1.1 Overview
  - 2.1.2 Executive Summary
  - 2.1.3 Market Composition and Scenario
- 2.2 Key Factors Impacting the Market
  - 2.2.1 Market Drivers
  - 2.2.2 Market Restraints

### **CHAPTER 3. COMPETITION ANALYSIS - GLOBAL**

- 3.1 KBV Cardinal Matrix
- 3.2 Recent Industry Wide Strategic Developments
  - 3.2.1 Partnerships, Collaborations and Agreements
  - 3.2.2 Product Launches and Product Expansions
  - 3.2.3 Geographical Expansions
  - 3.2.4 Mergers & Acquisitions
- 3.3 Top Winning Strategies
  - 3.3.1 Key Leading Strategies: Percentage Distribution (2015-2019)
  - 3.3.2 Key Strategic Move: (Product Launches and Product Expansions: 2016, Sep – 2020, Feb) Leading Players

### **CHAPTER 4. GLOBAL SPINTRONIC LOGIC DEVICES MARKET BY TYPE**

- 4.1 Global Spintronic Logic Devices Metal Based Devices Market by Region

*Global Spintronic Logic Devices Market By Type (Metal Based Devices and Semiconductor Based Devices) By End Us...*



- 4.2 Global Spintronic Logic Devices Metal Based Devices Market by Type
  - 4.2.1 Global Spintronic Logic Devices Spin -Transfer Torque Device Market by Region
  - 4.2.2 Global Spintronic Logic Devices Tunnel-Magneto Resistance Market by Region
  - 4.2.3 Global Spintronic Logic Devices Giant-Magneto Resistance Market by Region
  - 4.2.4 Global Other Metal Based Devices Type Spintronic Logic Devices Market by Region
- 4.3 Global Spintronic Logic Devices Semiconductor Based Devices Market by Region
- 4.4 Global Spintronic Logic Devices Market by Semiconductor Based Devices Type
  - 4.4.1 Global Spin Diode Spintronic Logic Devices Market by Region
  - 4.4.2 Global Spin Filter & Spin Field Effect Transistor Spintronic Logic Devices Market by Region

## **CHAPTER 5. GLOBAL SPINTRONIC LOGIC DEVICES MARKET BY END USER**

- 5.1 Global Industrial Motors Spintronic Logic Devices Market by Region
- 5.2 Global Electric Vehicles Spintronic Logic Devices Market by Region
- 5.3 Global Data Storage Spintronic Logic Devices Market by Region
- 5.4 Global Semiconductor Lasers Spintronic Logic Devices Market by Region
- 5.5 Global Magnetic Tunnel Transistor Spintronic Logic Devices Market by Region
- 5.6 Global Others Spintronic Logic Devices Market by Region

## **CHAPTER 6. GLOBAL SPINTRONIC LOGIC DEVICES MARKET BY REGION**

- 6.1 North America Spintronic Logic Devices Market
  - 6.1.1 North America Spintronic Logic Devices Market by Type
    - 6.1.1.1 North America Spintronic Logic Devices Metal Based Devices Market by Country
    - 6.1.1.2 North America Spintronic Logic Devices Metal Based Devices Market by Type
      - 6.1.1.2.1 North America Spintronic Logic Devices Spin -Transfer Torque Device Market by Country
      - 6.1.1.2.2 North America Spintronic Logic Devices Tunnel-Magneto Resistance Market by Country
      - 6.1.1.2.3 North America Spintronic Logic Devices Giant-Magneto Resistance Market by Country
      - 6.1.1.2.4 North America Other Metal Based Devices Type Spintronic Logic Devices Market by Country
    - 6.1.1.3 North America Spintronic Logic Devices Semiconductor Based Devices Market by Country
    - 6.1.1.4 North America Spintronic Logic Devices Market by Semiconductor Based

## Devices Type

6.1.1.4.1 North America Spin Diode Spintronic Logic Devices Market by Country

6.1.1.4.2 North America Spin Filter & Spin Field Effect Transistor Spintronic Logic

## Devices Market by Country

6.1.2 North America Spintronic Logic Devices Market by End User

6.1.2.1 North America Industrial Motors Spintronic Logic Devices Market by Country

6.1.2.2 North America Electric Vehicles Spintronic Logic Devices Market by Country

6.1.2.3 North America Data Storage Spintronic Logic Devices Market by Country

6.1.2.4 North America Semiconductor Lasers Spintronic Logic Devices Market by

## Country

6.1.2.5 North America Magnetic Tunnel Transistor Spintronic Logic Devices Market  
by Country

6.1.2.6 North America Others Spintronic Logic Devices Market by Country

6.1.3 North America Spintronic Logic Devices Market by Country

6.1.3.1 US Spintronic Logic Devices Market

6.1.3.1.1 US Spintronic Logic Devices Market by Type

6.1.3.1.2 US Spintronic Logic Devices Market by End User

6.1.3.2 Canada Spintronic Logic Devices Market

6.1.3.2.1 Canada Spintronic Logic Devices Market by Type

6.1.3.2.2 Canada Spintronic Logic Devices Market by End User

6.1.3.3 Mexico Spintronic Logic Devices Market

6.1.3.3.1 Mexico Spintronic Logic Devices Market by Type

6.1.3.3.2 Mexico Spintronic Logic Devices Market by End User

6.1.3.4 Rest of North America Spintronic Logic Devices Market

6.1.3.4.1 Rest of North America Spintronic Logic Devices Market by Type

6.1.3.4.2 Rest of North America Spintronic Logic Devices Market by End User

## 6.2 Europe Spintronic Logic Devices Market

6.2.1 Europe Spintronic Logic Devices Market by Type

6.2.1.1 Europe Spintronic Logic Devices Metal Based Devices Market by Country

6.2.1.2 Europe Spintronic Logic Devices Metal Based Devices Market by Type

6.2.1.2.1 Europe Spintronic Logic Devices Spin -Transfer Torque Device Market by

## Country

6.2.1.2.2 Europe Spintronic Logic Devices Tunnel-Magneto Resistance Market by

## Country

6.2.1.2.3 Europe Spintronic Logic Devices Giant-Magneto Resistance Market by

## Country

6.2.1.2.4 Europe Other Metal Based Devices Type Spintronic Logic Devices Market  
by Country

6.2.1.3 Europe Spintronic Logic Devices Semiconductor Based Devices Market by

## Country

### 6.2.1.4 Europe Spintronic Logic Devices Market by Semiconductor Based Devices

## Type

#### 6.2.1.4.1 Europe Spin Diode Spintronic Logic Devices Market by Country

#### 6.2.1.4.2 Europe Spin Filter & Spin Field Effect Transistor Spintronic Logic Devices

## Market by Country

### 6.2.2 Europe Spintronic Logic Devices Market by End User

#### 6.2.2.1 Europe Industrial Motors Spintronic Logic Devices Market by Country

#### 6.2.2.2 Europe Electric Vehicles Spintronic Logic Devices Market by Country

#### 6.2.2.3 Europe Data Storage Spintronic Logic Devices Market by Country

#### 6.2.2.4 Europe Semiconductor Lasers Spintronic Logic Devices Market by Country

#### 6.2.2.5 Europe Magnetic Tunnel Transistor Spintronic Logic Devices Market by

## Country

#### 6.2.2.6 Europe Others Spintronic Logic Devices Market by Country

### 6.2.3 Europe Spintronic Logic Devices Market by Country

#### 6.2.3.1 Germany Spintronic Logic Devices Market

##### 6.2.3.1.1 Germany Spintronic Logic Devices Market by Type

##### 6.2.3.1.2 Germany Spintronic Logic Devices Market by End User

#### 6.2.3.2 UK Spintronic Logic Devices Market

##### 6.2.3.2.1 UK Spintronic Logic Devices Market by Type

##### 6.2.3.2.2 UK Spintronic Logic Devices Market by End User

#### 6.2.3.3 France Spintronic Logic Devices Market

##### 6.2.3.3.1 France Spintronic Logic Devices Market by Type

##### 6.2.3.3.2 France Spintronic Logic Devices Market by End User

#### 6.2.3.4 Russia Spintronic Logic Devices Market

##### 6.2.3.4.1 Russia Spintronic Logic Devices Market by Type

##### 6.2.3.4.2 Russia Spintronic Logic Devices Market by End User

#### 6.2.3.5 Spain Spintronic Logic Devices Market

##### 6.2.3.5.1 Spain Spintronic Logic Devices Market by Type

##### 6.2.3.5.2 Spain Spintronic Logic Devices Market by End User

#### 6.2.3.6 Italy Spintronic Logic Devices Market

##### 6.2.3.6.1 Italy Spintronic Logic Devices Market by Type

##### 6.2.3.6.2 Italy Spintronic Logic Devices Market by End User

#### 6.2.3.7 Rest of Europe Spintronic Logic Devices Market

##### 6.2.3.7.1 Rest of Europe Spintronic Logic Devices Market by Type

##### 6.2.3.7.2 Rest of Europe Spintronic Logic Devices Market by End User

## 6.3 Asia Pacific Spintronic Logic Devices Market

### 6.3.1 Asia Pacific Spintronic Logic Devices Market by Type

#### 6.3.1.1 Asia Pacific Spintronic Logic Devices Metal Based Devices Market by Country

- 6.3.1.2 Asia Pacific Spintronic Logic Devices Metal Based Devices Market by Type
  - 6.3.1.2.1 Asia Pacific Spintronic Logic Devices Spin -Transfer Torque Device Market by Country
  - 6.3.1.2.2 Asia Pacific Spintronic Logic Devices Tunnel-Magneto Resistance Market by Country
  - 6.3.1.2.3 Asia Pacific Spintronic Logic Devices Giant-Magneto Resistance Market by Country
  - 6.3.1.2.4 Asia Pacific Other Metal Based Devices Type Spintronic Logic Devices Market by Country
- 6.3.1.3 Asia Pacific Spintronic Logic Devices Semiconductor Based Devices Market by Country
- 6.3.1.4 Asia Pacific Spintronic Logic Devices Market by Semiconductor Based Devices Type
  - 6.3.1.4.1 Asia Pacific Spin Diode Spintronic Logic Devices Market by Country
  - 6.3.1.4.2 Asia Pacific Spin Filter & Spin Field Effect Transistor Spintronic Logic Devices Market by Country
- 6.3.2 Asia Pacific Spintronic Logic Devices Market by End User
  - 6.3.2.1 Asia Pacific Industrial Motors Spintronic Logic Devices Market by Country
  - 6.3.2.2 Asia Pacific Electric Vehicles Spintronic Logic Devices Market by Country
  - 6.3.2.3 Asia Pacific Data Storage Spintronic Logic Devices Market by Country
  - 6.3.2.4 Asia Pacific Semiconductor Lasers Spintronic Logic Devices Market by Country
  - 6.3.2.5 Asia Pacific Magnetic Tunnel Transistor Spintronic Logic Devices Market by Country
  - 6.3.2.6 Asia Pacific Others Spintronic Logic Devices Market by Country
- 6.3.3 Asia Pacific Spintronic Logic Devices Market by Country
  - 6.3.3.1 China Spintronic Logic Devices Market
    - 6.3.3.1.1 China Spintronic Logic Devices Market by Type
    - 6.3.3.1.2 China Spintronic Logic Devices Market by End User
  - 6.3.3.2 Japan Spintronic Logic Devices Market
    - 6.3.3.2.1 Japan Spintronic Logic Devices Market by Type
    - 6.3.3.2.2 Japan Spintronic Logic Devices Market by End User
  - 6.3.3.3 India Spintronic Logic Devices Market
    - 6.3.3.3.1 India Spintronic Logic Devices Market by Type
    - 6.3.3.3.2 India Spintronic Logic Devices Market by End User
  - 6.3.3.4 South Korea Spintronic Logic Devices Market
    - 6.3.3.4.1 South Korea Spintronic Logic Devices Market by Type
    - 6.3.3.4.2 South Korea Spintronic Logic Devices Market by End User
  - 6.3.3.5 Singapore Spintronic Logic Devices Market

- 6.3.3.5.1 Singapore Spintronic Logic Devices Market by Type
- 6.3.3.5.2 Singapore Spintronic Logic Devices Market by End User
- 6.3.3.6 Malaysia Spintronic Logic Devices Market
  - 6.3.3.6.1 Malaysia Spintronic Logic Devices Market by Type
  - 6.3.3.6.2 Malaysia Spintronic Logic Devices Market by End User
- 6.3.3.7 Rest of Asia Pacific Spintronic Logic Devices Market
  - 6.3.3.7.1 Rest of Asia Pacific Spintronic Logic Devices Market by Type
  - 6.3.3.7.2 Rest of Asia Pacific Spintronic Logic Devices Market by End User
- 6.4 LAMEA Spintronic Logic Devices Market
  - 6.4.1 LAMEA Spintronic Logic Devices Market by Type
    - 6.4.1.1 LAMEA Spintronic Logic Devices Metal Based Devices Market by Country
      - 6.4.1.1.2 LAMEA Spintronic Logic Devices Metal Based Devices Market by Type
        - 6.4.1.1.2.1 LAMEA Spintronic Logic Devices Spin -Transfer Torque Device Market by Country
        - 6.4.1.1.2.2 LAMEA Spintronic Logic Devices Tunnel-Magneto Resistance Market by Country
        - 6.4.1.1.2.3 LAMEA Spintronic Logic Devices Giant-Magneto Resistance Market by Country
        - 6.4.1.1.2.4 LAMEA Other Metal Based Devices Type Spintronic Logic Devices Market by Country
      - 6.4.1.1.3 LAMEA Spintronic Logic Devices Semiconductor Based Devices Market by Country
      - 6.4.1.1.4 LAMEA Spintronic Logic Devices Market by Semiconductor Based Devices Type
        - 6.4.1.1.4.1 LAMEA Spin Diode Spintronic Logic Devices Market by Country
        - 6.4.1.1.4.2 LAMEA Spin Filter & Spin Field Effect Transistor Spintronic Logic Devices Market by Country
    - 6.4.1.2 LAMEA Spintronic Logic Devices Metal Based Devices Market by Country
    - 6.4.1.3 LAMEA Spintronic Logic Devices Semiconductor Based Devices Market by Country
    - 6.4.1.4 LAMEA Spintronic Logic Devices Market by Semiconductor Based Devices Type
  - 6.4.2 LAMEA Spintronic Logic Devices Market by End User
    - 6.4.2.1 LAMEA Industrial Motors Spintronic Logic Devices Market by Country
    - 6.4.2.2 LAMEA Electric Vehicles Spintronic Logic Devices Market by Country
    - 6.4.2.3 LAMEA Data Storage Spintronic Logic Devices Market by Country
    - 6.4.2.4 LAMEA Semiconductor Lasers Spintronic Logic Devices Market by Country
    - 6.4.2.5 LAMEA Magnetic Tunnel Transistor Spintronic Logic Devices Market by Country
    - 6.4.2.6 LAMEA Others Spintronic Logic Devices Market by Country
  - 6.4.3 LAMEA Spintronic Logic Devices Market by Country
    - 6.4.3.1 Brazil Spintronic Logic Devices Market
      - 6.4.3.1.1 Brazil Spintronic Logic Devices Market by Type
      - 6.4.3.1.2 Brazil Spintronic Logic Devices Market by End User

- 6.4.3.2 Argentina Spintronic Logic Devices Market
  - 6.4.3.2.1 Argentina Spintronic Logic Devices Market by Type
  - 6.4.3.2.2 Argentina Spintronic Logic Devices Market by End User
- 6.4.3.3 UAE Spintronic Logic Devices Market
  - 6.4.3.3.1 UAE Spintronic Logic Devices Market by Type
  - 6.4.3.3.2 UAE Spintronic Logic Devices Market by End User
- 6.4.3.4 Saudi Arabia Spintronic Logic Devices Market
  - 6.4.3.4.1 Saudi Arabia Spintronic Logic Devices Market by Type
  - 6.4.3.4.2 Saudi Arabia Spintronic Logic Devices Market by End User
- 6.4.3.5 South Africa Spintronic Logic Devices Market
  - 6.4.3.5.1 South Africa Spintronic Logic Devices Market by Type
  - 6.4.3.5.2 South Africa Spintronic Logic Devices Market by End User
- 6.4.3.6 Nigeria Spintronic Logic Devices Market
  - 6.4.3.6.1 Nigeria Spintronic Logic Devices Market by Type
  - 6.4.3.6.2 Nigeria Spintronic Logic Devices Market by End User
- 6.4.3.7 Rest of LAMEA Spintronic Logic Devices Market
  - 6.4.3.7.1 Rest of LAMEA Spintronic Logic Devices Market by Type
  - 6.4.3.7.2 Rest of LAMEA Spintronic Logic Devices Market by End User

## **CHAPTER 7. COMPANY PROFILES**

- 7.1 Infineon Technologies AG
  - 7.1.1 Company Overview
  - 7.1.2 Financial Analysis
  - 7.1.3 Segmental and Regional Analysis
  - 7.1.4 Research & Development Expense
  - 7.1.5 Recent strategies and developments:
    - 7.1.5.1 Product Launches and Product Expansions:
    - 7.1.5.2 Acquisition and Mergers:
  - 7.1.6 SWOT Analysis
- 7.2 MTS Systems Corporation (PCB Piezotronics, Inc.)
  - 7.2.1 Company Overview
  - 7.2.2 Financial Analysis
  - 7.2.3 Segmental and Regional Analysis
  - 7.2.4 Research & Development Expense
  - 7.2.5 Recent strategies and developments:
    - 7.2.5.1 Acquisition and Mergers:
    - 7.2.5.2 Geographical Expansions:
  - 7.2.6 SWOT Analysis

- 7.3 Kistler Group (Kistler Holding AG)
  - 7.3.1 Company Overview
  - 7.3.2 Recent strategies and developments:
    - 7.3.2.1 Acquisition and Mergers:
- 7.4 Spectris PLC (HBM)
  - 7.4.1 Company Overview
  - 7.4.2 Financial Analysis
  - 7.4.3 Segmental Analysis
  - 7.4.4 Research & Development Expense
  - 7.4.5 Recent strategies and developments:
    - 7.4.5.1 Acquisition and Mergers:
- 7.5 Everspin Technologies, Inc.
  - 7.5.1 Company overview
  - 7.5.2 Financial Analysis
  - 7.5.3 Regional Analysis
  - 7.5.4 Research & Development Expense
  - 7.5.5 Recent strategies and developments:
    - 7.5.5.1 Partnerships, Collaborations, and Agreements:
- 7.6 NVE Corporation
  - 7.6.1 Company Overview
  - 7.6.2 Financial Analysis
  - 7.6.3 Research & Development Expense
  - 7.6.4 Recent strategies and developments:
    - 7.6.4.1 Product Launches and Product Expansions:
- 7.7 Crocus Technology, Inc.
  - 7.7.1 Company Overview
  - 7.7.2 Recent strategies and developments:
    - 7.7.2.1 Product Launches and Product Expansions:
    - 7.7.2.2 Partnerships, Collaborations, and Agreements:
- 7.8 FUTEK Advanced Sensor Technology, Inc.
  - 7.8.1 Company Overview
  - 7.8.2 Recent strategies and developments:
    - 7.8.2.1 Product Launches and Product Expansions:
- 7.9 Spin Memory, Inc.
  - 7.9.1 Company Overview
  - 7.9.2 Recent strategies and developments:
    - 7.9.2.1 Partnerships, Collaborations, and Agreements:
- 7.1 Sensor Technology Ltd.
  - 7.10.1 Company Overview





## List Of Tables

### LIST OF TABLES

TABLE 1 GLOBAL SPINTRONIC LOGIC DEVICES MARKET, 2016 - 2019, USD MILLION

TABLE 2 GLOBAL SPINTRONIC LOGIC DEVICES MARKET, 2020 - 2026, USD MILLION

TABLE 3 PARTNERSHIPS, COLLABORATIONS AND AGREEMENTS– SPINTRONIC LOGIC DEVICES MARKET

TABLE 4 PRODUCT LAUNCHES AND PRODUCT EXPANSIONS– SPINTRONIC LOGIC DEVICES MARKET

TABLE 5 GEOGRAPHICAL EXPANSIONS– SPINTRONIC LOGIC DEVICES MARKET

TABLE 6 MERGERS & ACQUISITIONS – SPINTRONIC LOGIC DEVICES MARKET

TABLE 7 GLOBAL SPINTRONIC LOGIC DEVICES MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 8 GLOBAL SPINTRONIC LOGIC DEVICES MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 9 GLOBAL SPINTRONIC LOGIC DEVICES METAL BASED DEVICES MARKET BY REGION, 2016 - 2019, USD MILLION

TABLE 10 GLOBAL SPINTRONIC LOGIC DEVICES METAL BASED DEVICES MARKET BY REGION, 2020 - 2026, USD MILLION

TABLE 11 GLOBAL SPINTRONIC LOGIC DEVICES METAL BASED DEVICES MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 12 GLOBAL SPINTRONIC LOGIC DEVICES METAL BASED DEVICES MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 13 GLOBAL SPINTRONIC LOGIC DEVICES SPIN -TRANSFER TORQUE DEVICE MARKET BY REGION, 2016 - 2019, USD MILLION

TABLE 14 GLOBAL SPINTRONIC LOGIC DEVICES SPIN -TRANSFER TORQUE DEVICE MARKET BY REGION, 2020 - 2026, USD MILLION

TABLE 15 GLOBAL SPINTRONIC LOGIC DEVICES TUNNEL-MAGNETO RESISTANCE MARKET BY REGION, 2016 - 2019, USD MILLION

TABLE 16 GLOBAL SPINTRONIC LOGIC DEVICES TUNNEL-MAGNETO RESISTANCE MARKET BY REGION, 2020 - 2026, USD MILLION

TABLE 17 GLOBAL SPINTRONIC LOGIC DEVICES GIANT-MAGNETO RESISTANCE MARKET BY REGION, 2016 - 2019, USD MILLION

TABLE 18 GLOBAL SPINTRONIC LOGIC DEVICES GIANT-MAGNETO RESISTANCE MARKET BY REGION, 2020 - 2026, USD MILLION

TABLE 19 GLOBAL OTHER METAL BASED DEVICES TYPE SPINTRONIC LOGIC

DEVICES MARKET BY REGION, 2016 - 2019, USD MILLION

TABLE 20 GLOBAL OTHER METAL BASED DEVICES TYPE SPINTRONIC LOGIC

DEVICES MARKET BY REGION, 2020 - 2026, USD MILLION

TABLE 21 GLOBAL SPINTRONIC LOGIC DEVICES SEMICONDUCTOR BASED

DEVICES MARKET BY REGION, 2016 - 2019, USD MILLION

TABLE 22 GLOBAL SPINTRONIC LOGIC DEVICES SEMICONDUCTOR BASED

DEVICES MARKET BY REGION, 2020 - 2026, USD MILLION

TABLE 23 GLOBAL SPINTRONIC LOGIC DEVICES MARKET BY SEMICONDUCTOR  
BASED DEVICES TYPE, 2016 - 2019, USD MILLION

TABLE 24 GLOBAL SPINTRONIC LOGIC DEVICES MARKET BY SEMICONDUCTOR  
BASED DEVICES TYPE, 2020 - 2026, USD MILLION

TABLE 25 GLOBAL SPIN DIODE SPINTRONIC LOGIC DEVICES MARKET BY  
REGION, 2016 - 2019, USD MILLION

TABLE 26 GLOBAL SPIN DIODE SPINTRONIC LOGIC DEVICES MARKET BY  
REGION, 2020 - 2026, USD MILLION

TABLE 27 GLOBAL SPIN FILTER & SPIN FIELD EFFECT TRANSISTOR  
SPINTRONIC LOGIC DEVICES MARKET BY REGION, 2016 - 2019, USD MILLION

TABLE 28 GLOBAL SPIN FILTER & SPIN FIELD EFFECT TRANSISTOR  
SPINTRONIC LOGIC DEVICES MARKET BY REGION, 2020 - 2026, USD MILLION

TABLE 29 GLOBAL SPINTRONIC LOGIC DEVICES MARKET BY END USER, 2016 -  
2019, USD MILLION

TABLE 30 GLOBAL SPINTRONIC LOGIC DEVICES MARKET BY END USER, 2020 -  
2026, USD MILLION

TABLE 31 GLOBAL INDUSTRIAL MOTORS SPINTRONIC LOGIC DEVICES MARKET  
BY REGION, 2016 - 2019, USD MILLION

TABLE 32 GLOBAL INDUSTRIAL MOTORS SPINTRONIC LOGIC DEVICES MARKET  
BY REGION, 2020 - 2026, USD MILLION

TABLE 33 GLOBAL ELECTRIC VEHICLES SPINTRONIC LOGIC DEVICES MARKET  
BY REGION, 2016 - 2019, USD MILLION

TABLE 34 GLOBAL ELECTRIC VEHICLES SPINTRONIC LOGIC DEVICES MARKET  
BY REGION, 2020 - 2026, USD MILLION

TABLE 35 GLOBAL DATA STORAGE SPINTRONIC LOGIC DEVICES MARKET BY  
REGION, 2016 - 2019, USD MILLION

TABLE 36 GLOBAL DATA STORAGE SPINTRONIC LOGIC DEVICES MARKET BY  
REGION, 2020 - 2026, USD MILLION

TABLE 37 GLOBAL SEMICONDUCTOR LASERS SPINTRONIC LOGIC DEVICES  
MARKET BY REGION, 2016 - 2019, USD MILLION

TABLE 38 GLOBAL SEMICONDUCTOR LASERS SPINTRONIC LOGIC DEVICES  
MARKET BY REGION, 2020 - 2026, USD MILLION

TABLE 39 GLOBAL MAGNETIC TUNNEL TRANSISTOR SPINTRONIC LOGIC DEVICES MARKET BY REGION, 2016 - 2019, USD MILLION

TABLE 40 GLOBAL MAGNETIC TUNNEL TRANSISTOR SPINTRONIC LOGIC DEVICES MARKET BY REGION, 2020 - 2026, USD MILLION

TABLE 41 GLOBAL OTHERS SPINTRONIC LOGIC DEVICES MARKET BY REGION, 2016 - 2019, USD MILLION

TABLE 42 GLOBAL OTHERS SPINTRONIC LOGIC DEVICES MARKET BY REGION, 2020 - 2026, USD MILLION

TABLE 43 GLOBAL SPINTRONIC LOGIC DEVICES MARKET BY REGION, 2016 - 2019, USD MILLION

TABLE 44 GLOBAL SPINTRONIC LOGIC DEVICES MARKET BY REGION, 2020 - 2026, USD MILLION

TABLE 45 NORTH AMERICA SPINTRONIC LOGIC DEVICES MARKET, 2016 - 2019, USD MILLION

TABLE 46 NORTH AMERICA SPINTRONIC LOGIC DEVICES MARKET, 2020 - 2026, USD MILLION

TABLE 47 NORTH AMERICA SPINTRONIC LOGIC DEVICES MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 48 NORTH AMERICA SPINTRONIC LOGIC DEVICES MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 49 NORTH AMERICA SPINTRONIC LOGIC DEVICES METAL BASED DEVICES MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 50 NORTH AMERICA SPINTRONIC LOGIC DEVICES METAL BASED DEVICES MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 51 NORTH AMERICA SPINTRONIC LOGIC DEVICES METAL BASED DEVICES MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 52 NORTH AMERICA SPINTRONIC LOGIC DEVICES METAL BASED DEVICES MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 53 NORTH AMERICA SPINTRONIC LOGIC DEVICES SPIN -TRANSFER TORQUE DEVICE MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 54 NORTH AMERICA SPINTRONIC LOGIC DEVICES SPIN -TRANSFER TORQUE DEVICE MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 55 NORTH AMERICA SPINTRONIC LOGIC DEVICES TUNNEL-MAGNETO RESISTANCE MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 56 NORTH AMERICA SPINTRONIC LOGIC DEVICES TUNNEL-MAGNETO RESISTANCE MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 57 NORTH AMERICA SPINTRONIC LOGIC DEVICES GIANT-MAGNETO RESISTANCE MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 58 NORTH AMERICA SPINTRONIC LOGIC DEVICES GIANT-MAGNETO

RESISTANCE MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 59 NORTH AMERICA OTHER METAL BASED DEVICES TYPE SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 60 NORTH AMERICA OTHER METAL BASED DEVICES TYPE SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 61 NORTH AMERICA SPINTRONIC LOGIC DEVICES SEMICONDUCTOR BASED DEVICES MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 62 NORTH AMERICA SPINTRONIC LOGIC DEVICES SEMICONDUCTOR BASED DEVICES MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 63 NORTH AMERICA SPINTRONIC LOGIC DEVICES MARKET BY SEMICONDUCTOR BASED DEVICES TYPE, 2016 - 2019, USD MILLION

TABLE 64 NORTH AMERICA SPINTRONIC LOGIC DEVICES MARKET BY SEMICONDUCTOR BASED DEVICES TYPE, 2020 - 2026, USD MILLION

TABLE 65 NORTH AMERICA SPIN DIODE SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 66 NORTH AMERICA SPIN DIODE SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 67 NORTH AMERICA SPIN FILTER & SPIN FIELD EFFECT TRANSISTOR SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 68 NORTH AMERICA SPIN FILTER & SPIN FIELD EFFECT TRANSISTOR SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 69 NORTH AMERICA SPINTRONIC LOGIC DEVICES MARKET BY END USER, 2016 - 2019, USD MILLION

TABLE 70 NORTH AMERICA SPINTRONIC LOGIC DEVICES MARKET BY END USER, 2020 - 2026, USD MILLION

TABLE 71 NORTH AMERICA INDUSTRIAL MOTORS SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 72 NORTH AMERICA INDUSTRIAL MOTORS SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 73 NORTH AMERICA ELECTRIC VEHICLES SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 74 NORTH AMERICA ELECTRIC VEHICLES SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 75 NORTH AMERICA DATA STORAGE SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 76 NORTH AMERICA DATA STORAGE SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 77 NORTH AMERICA SEMICONDUCTOR LASERS SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 78 NORTH AMERICA SEMICONDUCTOR LASERS SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 79 NORTH AMERICA MAGNETIC TUNNEL TRANSISTOR SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 80 NORTH AMERICA MAGNETIC TUNNEL TRANSISTOR SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 81 NORTH AMERICA OTHERS SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 82 NORTH AMERICA OTHERS SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 83 NORTH AMERICA SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 84 NORTH AMERICA SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 85 US SPINTRONIC LOGIC DEVICES MARKET, 2016 - 2019, USD MILLION

TABLE 86 US SPINTRONIC LOGIC DEVICES MARKET, 2020 - 2026, USD MILLION

TABLE 87 US SPINTRONIC LOGIC DEVICES MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 88 US SPINTRONIC LOGIC DEVICES MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 89 US SPINTRONIC LOGIC DEVICES METAL BASED DEVICES MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 90 US SPINTRONIC LOGIC DEVICES METAL BASED DEVICES MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 91 US SPINTRONIC LOGIC DEVICES MARKET BY SEMICONDUCTOR BASED DEVICES TYPE, 2016 - 2019, USD MILLION

TABLE 92 US SPINTRONIC LOGIC DEVICES MARKET BY SEMICONDUCTOR BASED DEVICES TYPE, 2020 - 2026, USD MILLION

TABLE 93 US SPINTRONIC LOGIC DEVICES MARKET BY END USER, 2016 - 2019, USD MILLION

TABLE 94 US SPINTRONIC LOGIC DEVICES MARKET BY END USER, 2020 - 2026, USD MILLION

TABLE 95 CANADA SPINTRONIC LOGIC DEVICES MARKET, 2016 - 2019, USD MILLION

TABLE 96 CANADA SPINTRONIC LOGIC DEVICES MARKET, 2020 - 2026, USD MILLION

TABLE 97 CANADA SPINTRONIC LOGIC DEVICES MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 98 CANADA SPINTRONIC LOGIC DEVICES MARKET BY TYPE, 2020 - 2026,

USD MILLION

TABLE 99 CANADA SPINTRONIC LOGIC DEVICES METAL BASED DEVICES MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 100 CANADA SPINTRONIC LOGIC DEVICES METAL BASED DEVICES MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 101 CANADA SPINTRONIC LOGIC DEVICES MARKET BY SEMICONDUCTOR BASED DEVICES TYPE, 2016 - 2019, USD MILLION

TABLE 102 CANADA SPINTRONIC LOGIC DEVICES MARKET BY SEMICONDUCTOR BASED DEVICES TYPE, 2020 - 2026, USD MILLION

TABLE 103 CANADA SPINTRONIC LOGIC DEVICES MARKET BY END USER, 2016 - 2019, USD MILLION

TABLE 104 CANADA SPINTRONIC LOGIC DEVICES MARKET BY END USER, 2020 - 2026, USD MILLION

TABLE 105 MEXICO SPINTRONIC LOGIC DEVICES MARKET, 2016 - 2019, USD MILLION

TABLE 106 MEXICO SPINTRONIC LOGIC DEVICES MARKET, 2020 - 2026, USD MILLION

TABLE 107 MEXICO SPINTRONIC LOGIC DEVICES MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 108 MEXICO SPINTRONIC LOGIC DEVICES MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 109 MEXICO SPINTRONIC LOGIC DEVICES METAL BASED DEVICES MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 110 MEXICO SPINTRONIC LOGIC DEVICES METAL BASED DEVICES MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 111 MEXICO SPINTRONIC LOGIC DEVICES MARKET BY SEMICONDUCTOR BASED DEVICES TYPE, 2016 - 2019, USD MILLION

TABLE 112 MEXICO SPINTRONIC LOGIC DEVICES MARKET BY SEMICONDUCTOR BASED DEVICES TYPE, 2020 - 2026, USD MILLION

TABLE 113 MEXICO SPINTRONIC LOGIC DEVICES MARKET BY END USER, 2016 - 2019, USD MILLION

TABLE 114 MEXICO SPINTRONIC LOGIC DEVICES MARKET BY END USER, 2020 - 2026, USD MILLION

TABLE 115 REST OF NORTH AMERICA SPINTRONIC LOGIC DEVICES MARKET, 2016 - 2019, USD MILLION

TABLE 116 REST OF NORTH AMERICA SPINTRONIC LOGIC DEVICES MARKET, 2020 - 2026, USD MILLION

TABLE 117 REST OF NORTH AMERICA SPINTRONIC LOGIC DEVICES MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 118 REST OF NORTH AMERICA SPINTRONIC LOGIC DEVICES MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 119 REST OF NORTH AMERICA SPINTRONIC LOGIC DEVICES METAL BASED DEVICES MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 120 REST OF NORTH AMERICA SPINTRONIC LOGIC DEVICES METAL BASED DEVICES MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 121 REST OF NORTH AMERICA SPINTRONIC LOGIC DEVICES MARKET BY SEMICONDUCTOR BASED DEVICES TYPE, 2016 - 2019, USD MILLION

TABLE 122 REST OF NORTH AMERICA SPINTRONIC LOGIC DEVICES MARKET BY SEMICONDUCTOR BASED DEVICES TYPE, 2020 - 2026, USD MILLION

TABLE 123 REST OF NORTH AMERICA SPINTRONIC LOGIC DEVICES MARKET BY END USER, 2016 - 2019, USD MILLION

TABLE 124 REST OF NORTH AMERICA SPINTRONIC LOGIC DEVICES MARKET BY END USER, 2020 - 2026, USD MILLION

TABLE 125 EUROPE SPINTRONIC LOGIC DEVICES MARKET, 2016 - 2019, USD MILLION

TABLE 126 EUROPE SPINTRONIC LOGIC DEVICES MARKET, 2020 - 2026, USD MILLION

TABLE 127 EUROPE SPINTRONIC LOGIC DEVICES MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 128 EUROPE SPINTRONIC LOGIC DEVICES MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 129 EUROPE SPINTRONIC LOGIC DEVICES METAL BASED DEVICES MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 130 EUROPE SPINTRONIC LOGIC DEVICES METAL BASED DEVICES MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 131 EUROPE SPINTRONIC LOGIC DEVICES METAL BASED DEVICES MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 132 EUROPE SPINTRONIC LOGIC DEVICES METAL BASED DEVICES MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 133 EUROPE SPINTRONIC LOGIC DEVICES SPIN -TRANSFER TORQUE DEVICE MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 134 EUROPE SPINTRONIC LOGIC DEVICES SPIN -TRANSFER TORQUE DEVICE MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 135 EUROPE SPINTRONIC LOGIC DEVICES TUNNEL-MAGNETO RESISTANCE MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 136 EUROPE SPINTRONIC LOGIC DEVICES TUNNEL-MAGNETO RESISTANCE MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 137 EUROPE SPINTRONIC LOGIC DEVICES GIANT-MAGNETO

RESISTANCE MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 138 EUROPE SPINTRONIC LOGIC DEVICES GIANT-MAGNETO

RESISTANCE MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 139 EUROPE OTHER METAL BASED DEVICES TYPE SPINTRONIC LOGIC

DEVICES MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 140 EUROPE OTHER METAL BASED DEVICES TYPE SPINTRONIC LOGIC

DEVICES MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 141 EUROPE SPINTRONIC LOGIC DEVICES SEMICONDUCTOR BASED

DEVICES MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 142 EUROPE SPINTRONIC LOGIC DEVICES SEMICONDUCTOR BASED

DEVICES MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 143 EUROPE SPINTRONIC LOGIC DEVICES MARKET BY

SEMICONDUCTOR BASED DEVICES TYPE, 2016 - 2019, USD MILLION

TABLE 144 EUROPE SPINTRONIC LOGIC DEVICES MARKET BY

SEMICONDUCTOR BASED DEVICES TYPE, 2020 - 2026, USD MILLION

TABLE 145 EUROPE SPIN DIODE SPINTRONIC LOGIC DEVICES MARKET BY

COUNTRY, 2016 - 2019, USD MILLION

TABLE 146 EUROPE SPIN DIODE SPINTRONIC LOGIC DEVICES MARKET BY

COUNTRY, 2020 - 2026, USD MILLION

TABLE 147 EUROPE SPIN FILTER & SPIN FIELD EFFECT TRANSISTOR

SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 148 EUROPE SPIN FILTER & SPIN FIELD EFFECT TRANSISTOR

SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 149 EUROPE SPINTRONIC LOGIC DEVICES MARKET BY END USER, 2016

- 2019, USD MILLION

TABLE 150 EUROPE SPINTRONIC LOGIC DEVICES MARKET BY END USER, 2020

- 2026, USD MILLION

TABLE 151 EUROPE INDUSTRIAL MOTORS SPINTRONIC LOGIC DEVICES

MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 152 EUROPE INDUSTRIAL MOTORS SPINTRONIC LOGIC DEVICES

MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 153 EUROPE ELECTRIC VEHICLES SPINTRONIC LOGIC DEVICES

MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 154 EUROPE ELECTRIC VEHICLES SPINTRONIC LOGIC DEVICES

MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 155 EUROPE DATA STORAGE SPINTRONIC LOGIC DEVICES MARKET BY

COUNTRY, 2016 - 2019, USD MILLION

TABLE 156 EUROPE DATA STORAGE SPINTRONIC LOGIC DEVICES MARKET BY

COUNTRY, 2020 - 2026, USD MILLION



TABLE 157 EUROPE SEMICONDUCTOR LASERS SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 158 EUROPE SEMICONDUCTOR LASERS SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 159 EUROPE MAGNETIC TUNNEL TRANSISTOR SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 160 EUROPE MAGNETIC TUNNEL TRANSISTOR SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 161 EUROPE OTHERS SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 162 EUROPE OTHERS SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 163 EUROPE SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 164 EUROPE SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 165 GERMANY SPINTRONIC LOGIC DEVICES MARKET, 2016 - 2019, USD MILLION

TABLE 166 GERMANY SPINTRONIC LOGIC DEVICES MARKET, 2020 - 2026, USD MILLION

TABLE 167 GERMANY SPINTRONIC LOGIC DEVICES MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 168 GERMANY SPINTRONIC LOGIC DEVICES MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 169 GERMANY SPINTRONIC LOGIC DEVICES METAL BASED DEVICES MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 170 GERMANY SPINTRONIC LOGIC DEVICES METAL BASED DEVICES MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 171 GERMANY SPINTRONIC LOGIC DEVICES MARKET BY SEMICONDUCTOR BASED DEVICES TYPE, 2016 - 2019, USD MILLION

TABLE 172 GERMANY SPINTRONIC LOGIC DEVICES MARKET BY SEMICONDUCTOR BASED DEVICES TYPE, 2020 - 2026, USD MILLION

TABLE 173 GERMANY SPINTRONIC LOGIC DEVICES MARKET BY END USER, 2016 - 2019, USD MILLION

TABLE 174 GERMANY SPINTRONIC LOGIC DEVICES MARKET BY END USER, 2020 - 2026, USD MILLION

TABLE 175 UK SPINTRONIC LOGIC DEVICES MARKET, 2016 - 2019, USD MILLION

TABLE 176 UK SPINTRONIC LOGIC DEVICES MARKET, 2020 - 2026, USD MILLION

TABLE 177 UK SPINTRONIC LOGIC DEVICES MARKET BY TYPE, 2016 - 2019, USD

MILLION

TABLE 178 UK SPINTRONIC LOGIC DEVICES MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 179 UK SPINTRONIC LOGIC DEVICES METAL BASED DEVICES MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 180 UK SPINTRONIC LOGIC DEVICES METAL BASED DEVICES MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 181 UK SPINTRONIC LOGIC DEVICES MARKET BY SEMICONDUCTOR BASED DEVICES TYPE, 2016 - 2019, USD MILLION

TABLE 182 UK SPINTRONIC LOGIC DEVICES MARKET BY SEMICONDUCTOR BASED DEVICES TYPE, 2020 - 2026, USD MILLION

TABLE 183 UK SPINTRONIC LOGIC DEVICES MARKET BY END USER, 2016 - 2019, USD MILLION

TABLE 184 UK SPINTRONIC LOGIC DEVICES MARKET BY END USER, 2020 - 2026, USD MILLION

TABLE 185 FRANCE SPINTRONIC LOGIC DEVICES MARKET, 2016 - 2019, USD MILLION

TABLE 186 FRANCE SPINTRONIC LOGIC DEVICES MARKET, 2020 - 2026, USD MILLION

TABLE 187 FRANCE SPINTRONIC LOGIC DEVICES MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 188 FRANCE SPINTRONIC LOGIC DEVICES MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 189 FRANCE SPINTRONIC LOGIC DEVICES METAL BASED DEVICES MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 190 FRANCE SPINTRONIC LOGIC DEVICES METAL BASED DEVICES MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 191 FRANCE SPINTRONIC LOGIC DEVICES MARKET BY SEMICONDUCTOR BASED DEVICES TYPE, 2016 - 2019, USD MILLION

TABLE 192 FRANCE SPINTRONIC LOGIC DEVICES MARKET BY SEMICONDUCTOR BASED DEVICES TYPE, 2020 - 2026, USD MILLION

TABLE 193 FRANCE SPINTRONIC LOGIC DEVICES MARKET BY END USER, 2016 - 2019, USD MILLION

TABLE 194 FRANCE SPINTRONIC LOGIC DEVICES MARKET BY END USER, 2020 - 2026, USD MILLION

TABLE 195 RUSSIA SPINTRONIC LOGIC DEVICES MARKET, 2016 - 2019, USD MILLION

TABLE 196 RUSSIA SPINTRONIC LOGIC DEVICES MARKET, 2020 - 2026, USD MILLION

TABLE 197 RUSSIA SPINTRONIC LOGIC DEVICES MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 198 RUSSIA SPINTRONIC LOGIC DEVICES MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 199 RUSSIA SPINTRONIC LOGIC DEVICES METAL BASED DEVICES MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 200 RUSSIA SPINTRONIC LOGIC DEVICES METAL BASED DEVICES MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 201 RUSSIA SPINTRONIC LOGIC DEVICES MARKET BY SEMICONDUCTOR BASED DEVICES TYPE, 2016 - 2019, USD MILLION

TABLE 202 RUSSIA SPINTRONIC LOGIC DEVICES MARKET BY SEMICONDUCTOR BASED DEVICES TYPE, 2020 - 2026, USD MILLION

TABLE 203 RUSSIA SPINTRONIC LOGIC DEVICES MARKET BY END USER, 2016 - 2019, USD MILLION

TABLE 204 RUSSIA SPINTRONIC LOGIC DEVICES MARKET BY END USER, 2020 - 2026, USD MILLION

TABLE 205 SPAIN SPINTRONIC LOGIC DEVICES MARKET, 2016 - 2019, USD MILLION

TABLE 206 SPAIN SPINTRONIC LOGIC DEVICES MARKET, 2020 - 2026, USD MILLION

TABLE 207 SPAIN SPINTRONIC LOGIC DEVICES MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 208 SPAIN SPINTRONIC LOGIC DEVICES MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 209 SPAIN SPINTRONIC LOGIC DEVICES METAL BASED DEVICES MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 210 SPAIN SPINTRONIC LOGIC DEVICES METAL BASED DEVICES MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 211 SPAIN SPINTRONIC LOGIC DEVICES MARKET BY SEMICONDUCTOR BASED DEVICES TYPE, 2016 - 2019, USD MILLION

TABLE 212 SPAIN SPINTRONIC LOGIC DEVICES MARKET BY SEMICONDUCTOR BASED DEVICES TYPE, 2020 - 2026, USD MILLION

TABLE 213 SPAIN SPINTRONIC LOGIC DEVICES MARKET BY END USER, 2016 - 2019, USD MILLION

TABLE 214 SPAIN SPINTRONIC LOGIC DEVICES MARKET BY END USER, 2020 - 2026, USD MILLION

TABLE 215 ITALY SPINTRONIC LOGIC DEVICES MARKET, 2016 - 2019, USD MILLION

TABLE 216 ITALY SPINTRONIC LOGIC DEVICES MARKET, 2020 - 2026, USD

MILLION

TABLE 217 ITALY SPINTRONIC LOGIC DEVICES MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 218 ITALY SPINTRONIC LOGIC DEVICES MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 219 ITALY SPINTRONIC LOGIC DEVICES METAL BASED DEVICES MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 220 ITALY SPINTRONIC LOGIC DEVICES METAL BASED DEVICES MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 221 ITALY SPINTRONIC LOGIC DEVICES MARKET BY SEMICONDUCTOR BASED DEVICES TYPE, 2016 - 2019, USD MILLION

TABLE 222 ITALY SPINTRONIC LOGIC DEVICES MARKET BY SEMICONDUCTOR BASED DEVICES TYPE, 2020 - 2026, USD MILLION

TABLE 223 ITALY SPINTRONIC LOGIC DEVICES MARKET BY END USER, 2016 - 2019, USD MILLION

TABLE 224 ITALY SPINTRONIC LOGIC DEVICES MARKET BY END USER, 2020 - 2026, USD MILLION

TABLE 225 REST OF EUROPE SPINTRONIC LOGIC DEVICES MARKET, 2016 - 2019, USD MILLION

TABLE 226 REST OF EUROPE SPINTRONIC LOGIC DEVICES MARKET, 2020 - 2026, USD MILLION

TABLE 227 REST OF EUROPE SPINTRONIC LOGIC DEVICES MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 228 REST OF EUROPE SPINTRONIC LOGIC DEVICES MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 229 REST OF EUROPE SPINTRONIC LOGIC DEVICES METAL BASED DEVICES MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 230 REST OF EUROPE SPINTRONIC LOGIC DEVICES METAL BASED DEVICES MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 231 REST OF EUROPE SPINTRONIC LOGIC DEVICES MARKET BY SEMICONDUCTOR BASED DEVICES TYPE, 2016 - 2019, USD MILLION

TABLE 232 REST OF EUROPE SPINTRONIC LOGIC DEVICES MARKET BY SEMICONDUCTOR BASED DEVICES TYPE, 2020 - 2026, USD MILLION

TABLE 233 REST OF EUROPE SPINTRONIC LOGIC DEVICES MARKET BY END USER, 2016 - 2019, USD MILLION

TABLE 234 REST OF EUROPE SPINTRONIC LOGIC DEVICES MARKET BY END USER, 2020 - 2026, USD MILLION

TABLE 235 ASIA PACIFIC SPINTRONIC LOGIC DEVICES MARKET, 2016 - 2019, USD MILLION

TABLE 236 ASIA PACIFIC SPINTRONIC LOGIC DEVICES MARKET, 2020 - 2026, USD MILLION

TABLE 237 ASIA PACIFIC SPINTRONIC LOGIC DEVICES MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 238 ASIA PACIFIC SPINTRONIC LOGIC DEVICES MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 239 ASIA PACIFIC SPINTRONIC LOGIC DEVICES METAL BASED DEVICES MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 240 ASIA PACIFIC SPINTRONIC LOGIC DEVICES METAL BASED DEVICES MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 241 ASIA PACIFIC SPINTRONIC LOGIC DEVICES METAL BASED DEVICES MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 242 ASIA PACIFIC SPINTRONIC LOGIC DEVICES METAL BASED DEVICES MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 243 ASIA PACIFIC SPINTRONIC LOGIC DEVICES SPIN -TRANSFER TORQUE DEVICE MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 244 ASIA PACIFIC SPINTRONIC LOGIC DEVICES SPIN -TRANSFER TORQUE DEVICE MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 245 ASIA PACIFIC SPINTRONIC LOGIC DEVICES TUNNEL-MAGNETO RESISTANCE MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 246 ASIA PACIFIC SPINTRONIC LOGIC DEVICES TUNNEL-MAGNETO RESISTANCE MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 247 ASIA PACIFIC SPINTRONIC LOGIC DEVICES GIANT-MAGNETO RESISTANCE MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 248 ASIA PACIFIC SPINTRONIC LOGIC DEVICES GIANT-MAGNETO RESISTANCE MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 249 ASIA PACIFIC OTHER METAL BASED DEVICES TYPE SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 250 ASIA PACIFIC OTHER METAL BASED DEVICES TYPE SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 251 ASIA PACIFIC SPINTRONIC LOGIC DEVICES SEMICONDUCTOR BASED DEVICES MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 252 ASIA PACIFIC SPINTRONIC LOGIC DEVICES SEMICONDUCTOR BASED DEVICES MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 253 ASIA PACIFIC SPINTRONIC LOGIC DEVICES MARKET BY SEMICONDUCTOR BASED DEVICES TYPE, 2016 - 2019, USD MILLION

TABLE 254 ASIA PACIFIC SPINTRONIC LOGIC DEVICES MARKET BY SEMICONDUCTOR BASED DEVICES TYPE, 2020 - 2026, USD MILLION

TABLE 255 ASIA PACIFIC SPIN DIODE SPINTRONIC LOGIC DEVICES MARKET BY

COUNTRY, 2016 - 2019, USD MILLION

TABLE 256 ASIA PACIFIC SPIN DIODE SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 257 ASIA PACIFIC SPIN FILTER & SPIN FIELD EFFECT TRANSISTOR SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 258 ASIA PACIFIC SPIN FILTER & SPIN FIELD EFFECT TRANSISTOR SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 259 ASIA PACIFIC SPINTRONIC LOGIC DEVICES MARKET BY END USER, 2016 - 2019, USD MILLION

TABLE 260 ASIA PACIFIC SPINTRONIC LOGIC DEVICES MARKET BY END USER, 2020 - 2026, USD MILLION

TABLE 261 ASIA PACIFIC INDUSTRIAL MOTORS SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 262 ASIA PACIFIC INDUSTRIAL MOTORS SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 263 ASIA PACIFIC ELECTRIC VEHICLES SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 264 ASIA PACIFIC ELECTRIC VEHICLES SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 265 ASIA PACIFIC DATA STORAGE SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 266 ASIA PACIFIC DATA STORAGE SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 267 ASIA PACIFIC SEMICONDUCTOR LASERS SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 268 ASIA PACIFIC SEMICONDUCTOR LASERS SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 269 ASIA PACIFIC MAGNETIC TUNNEL TRANSISTOR SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 270 ASIA PACIFIC MAGNETIC TUNNEL TRANSISTOR SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 271 ASIA PACIFIC OTHERS SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 272 ASIA PACIFIC OTHERS SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 273 ASIA PACIFIC SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 274 ASIA PACIFIC SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 275 CHINA SPINTRONIC LOGIC DEVICES MARKET, 2016 - 2019, USD MILLION

TABLE 276 CHINA SPINTRONIC LOGIC DEVICES MARKET, 2020 - 2026, USD MILLION

TABLE 277 CHINA SPINTRONIC LOGIC DEVICES MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 278 CHINA SPINTRONIC LOGIC DEVICES MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 279 CHINA SPINTRONIC LOGIC DEVICES METAL BASED DEVICES MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 280 CHINA SPINTRONIC LOGIC DEVICES METAL BASED DEVICES MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 281 CHINA SPINTRONIC LOGIC DEVICES MARKET BY SEMICONDUCTOR BASED DEVICES TYPE, 2016 - 2019, USD MILLION

TABLE 282 CHINA SPINTRONIC LOGIC DEVICES MARKET BY SEMICONDUCTOR BASED DEVICES TYPE, 2020 - 2026, USD MILLION

TABLE 283 CHINA SPINTRONIC LOGIC DEVICES MARKET BY END USER, 2016 - 2019, USD MILLION

TABLE 284 CHINA SPINTRONIC LOGIC DEVICES MARKET BY END USER, 2020 - 2026, USD MILLION

TABLE 285 JAPAN SPINTRONIC LOGIC DEVICES MARKET, 2016 - 2019, USD MILLION

TABLE 286 JAPAN SPINTRONIC LOGIC DEVICES MARKET, 2020 - 2026, USD MILLION

TABLE 287 JAPAN SPINTRONIC LOGIC DEVICES MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 288 JAPAN SPINTRONIC LOGIC DEVICES MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 289 JAPAN SPINTRONIC LOGIC DEVICES METAL BASED DEVICES MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 290 JAPAN SPINTRONIC LOGIC DEVICES METAL BASED DEVICES MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 291 JAPAN SPINTRONIC LOGIC DEVICES MARKET BY SEMICONDUCTOR BASED DEVICES TYPE, 2016 - 2019, USD MILLION

TABLE 292 JAPAN SPINTRONIC LOGIC DEVICES MARKET BY SEMICONDUCTOR BASED DEVICES TYPE, 2020 - 2026, USD MILLION

TABLE 293 JAPAN SPINTRONIC LOGIC DEVICES MARKET BY END USER, 2016 - 2019, USD MILLION

TABLE 294 JAPAN SPINTRONIC LOGIC DEVICES MARKET BY END USER, 2020 -

2026, USD MILLION

TABLE 295 INDIA SPINTRONIC LOGIC DEVICES MARKET, 2016 - 2019, USD MILLION

TABLE 296 INDIA SPINTRONIC LOGIC DEVICES MARKET, 2020 - 2026, USD MILLION

TABLE 297 INDIA SPINTRONIC LOGIC DEVICES MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 298 INDIA SPINTRONIC LOGIC DEVICES MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 299 INDIA SPINTRONIC LOGIC DEVICES METAL BASED DEVICES MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 300 INDIA SPINTRONIC LOGIC DEVICES METAL BASED DEVICES MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 301 INDIA SPINTRONIC LOGIC DEVICES MARKET BY SEMICONDUCTOR BASED DEVICES TYPE, 2016 - 2019, USD MILLION

TABLE 302 INDIA SPINTRONIC LOGIC DEVICES MARKET BY SEMICONDUCTOR BASED DEVICES TYPE, 2020 - 2026, USD MILLION

TABLE 303 INDIA SPINTRONIC LOGIC DEVICES MARKET BY END USER, 2016 - 2019, USD MILLION

TABLE 304 INDIA SPINTRONIC LOGIC DEVICES MARKET BY END USER, 2020 - 2026, USD MILLION

TABLE 305 SOUTH KOREA SPINTRONIC LOGIC DEVICES MARKET, 2016 - 2019, USD MILLION

TABLE 306 SOUTH KOREA SPINTRONIC LOGIC DEVICES MARKET, 2020 - 2026, USD MILLION

TABLE 307 SOUTH KOREA SPINTRONIC LOGIC DEVICES MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 308 SOUTH KOREA SPINTRONIC LOGIC DEVICES MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 309 SOUTH KOREA SPINTRONIC LOGIC DEVICES METAL BASED DEVICES MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 310 SOUTH KOREA SPINTRONIC LOGIC DEVICES METAL BASED DEVICES MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 311 SOUTH KOREA SPINTRONIC LOGIC DEVICES MARKET BY SEMICONDUCTOR BASED DEVICES TYPE, 2016 - 2019, USD MILLION

TABLE 312 SOUTH KOREA SPINTRONIC LOGIC DEVICES MARKET BY SEMICONDUCTOR BASED DEVICES TYPE, 2020 - 2026, USD MILLION

TABLE 313 SOUTH KOREA SPINTRONIC LOGIC DEVICES MARKET BY END USER, 2016 - 2019, USD MILLION



TABLE 314 SOUTH KOREA SPINTRONIC LOGIC DEVICES MARKET BY END USER, 2020 - 2026, USD MILLION

TABLE 315 SINGAPORE SPINTRONIC LOGIC DEVICES MARKET, 2016 - 2019, USD MILLION

TABLE 316 SINGAPORE SPINTRONIC LOGIC DEVICES MARKET, 2020 - 2026, USD MILLION

TABLE 317 SINGAPORE SPINTRONIC LOGIC DEVICES MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 318 SINGAPORE SPINTRONIC LOGIC DEVICES MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 319 SINGAPORE SPINTRONIC LOGIC DEVICES METAL BASED DEVICES MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 320 SINGAPORE SPINTRONIC LOGIC DEVICES METAL BASED DEVICES MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 321 SINGAPORE SPINTRONIC LOGIC DEVICES MARKET BY SEMICONDUCTOR BASED DEVICES TYPE, 2016 - 2019, USD MILLION

TABLE 322 SINGAPORE SPINTRONIC LOGIC DEVICES MARKET BY SEMICONDUCTOR BASED DEVICES TYPE, 2020 - 2026, USD MILLION

TABLE 323 SINGAPORE SPINTRONIC LOGIC DEVICES MARKET BY END USER, 2016 - 2019, USD MILLION

TABLE 324 SINGAPORE SPINTRONIC LOGIC DEVICES MARKET BY END USER, 2020 - 2026, USD MILLION

TABLE 325 MALAYSIA SPINTRONIC LOGIC DEVICES MARKET, 2016 - 2019, USD MILLION

TABLE 326 MALAYSIA SPINTRONIC LOGIC DEVICES MARKET, 2020 - 2026, USD MILLION

TABLE 327 MALAYSIA SPINTRONIC LOGIC DEVICES MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 328 MALAYSIA SPINTRONIC LOGIC DEVICES MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 329 MALAYSIA SPINTRONIC LOGIC DEVICES METAL BASED DEVICES MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 330 MALAYSIA SPINTRONIC LOGIC DEVICES METAL BASED DEVICES MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 331 MALAYSIA SPINTRONIC LOGIC DEVICES MARKET BY SEMICONDUCTOR BASED DEVICES TYPE, 2016 - 2019, USD MILLION

TABLE 332 MALAYSIA SPINTRONIC LOGIC DEVICES MARKET BY SEMICONDUCTOR BASED DEVICES TYPE, 2020 - 2026, USD MILLION

TABLE 333 MALAYSIA SPINTRONIC LOGIC DEVICES MARKET BY END USER,

2016 - 2019, USD MILLION

TABLE 334 MALAYSIA SPINTRONIC LOGIC DEVICES MARKET BY END USER,  
2020 - 2026, USD MILLION

TABLE 335 REST OF ASIA PACIFIC SPINTRONIC LOGIC DEVICES MARKET, 2016 -  
2019, USD MILLION

TABLE 336 REST OF ASIA PACIFIC SPINTRONIC LOGIC DEVICES MARKET, 2020 -  
2026, USD MILLION

TABLE 337 REST OF ASIA PACIFIC SPINTRONIC LOGIC DEVICES MARKET BY  
TYPE, 2016 - 2019, USD MILLION

TABLE 338 REST OF ASIA PACIFIC SPINTRONIC LOGIC DEVICES MARKET BY  
TYPE, 2020 - 2026, USD MILLION

TABLE 339 REST OF ASIA PACIFIC SPINTRONIC LOGIC DEVICES METAL BASED  
DEVICES MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 340 REST OF ASIA PACIFIC SPINTRONIC LOGIC DEVICES METAL BASED  
DEVICES MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 341 REST OF ASIA PACIFIC SPINTRONIC LOGIC DEVICES MARKET BY  
SEMICONDUCTOR BASED DEVICES TYPE, 2016 - 2019, USD MILLION

TABLE 342 REST OF ASIA PACIFIC SPINTRONIC LOGIC DEVICES MARKET BY  
SEMICONDUCTOR BASED DEVICES TYPE, 2020 - 2026, USD MILLION

TABLE 343 REST OF ASIA PACIFIC SPINTRONIC LOGIC DEVICES MARKET BY  
END USER, 2016 - 2019, USD MILLION

TABLE 344 REST OF ASIA PACIFIC SPINTRONIC LOGIC DEVICES MARKET BY  
END USER, 2020 - 2026, USD MILLION

TABLE 345 LAMEA SPINTRONIC LOGIC DEVICES MARKET, 2016 - 2019, USD  
MILLION

TABLE 346 LAMEA SPINTRONIC LOGIC DEVICES MARKET, 2020 - 2026, USD  
MILLION

TABLE 347 LAMEA SPINTRONIC LOGIC DEVICES MARKET BY TYPE, 2016 - 2019,  
USD MILLION

TABLE 348 LAMEA SPINTRONIC LOGIC DEVICES MARKET BY TYPE, 2020 - 2026,  
USD MILLION

TABLE 349 LAMEA SPINTRONIC LOGIC DEVICES METAL BASED DEVICES  
MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 350 LAMEA SPINTRONIC LOGIC DEVICES METAL BASED DEVICES  
MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 351 LAMEA SPINTRONIC LOGIC DEVICES METAL BASED DEVICES  
MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 352 LAMEA SPINTRONIC LOGIC DEVICES METAL BASED DEVICES  
MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 353 LAMEA SPINTRONIC LOGIC DEVICES SPIN -TRANSFER TORQUE  
DEVICE MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 354 LAMEA SPINTRONIC LOGIC DEVICES SPIN -TRANSFER TORQUE  
DEVICE MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 355 LAMEA SPINTRONIC LOGIC DEVICES TUNNEL-MAGNETO  
RESISTANCE MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 356 LAMEA SPINTRONIC LOGIC DEVICES TUNNEL-MAGNETO  
RESISTANCE MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 357 LAMEA SPINTRONIC LOGIC DEVICES GIANT-MAGNETO RESISTANCE  
MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 358 LAMEA SPINTRONIC LOGIC DEVICES GIANT-MAGNETO RESISTANCE  
MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 359 LAMEA OTHER METAL BASED DEVICES TYPE SPINTRONIC LOGIC  
DEVICES MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 360 LAMEA OTHER METAL BASED DEVICES TYPE SPINTRONIC LOGIC  
DEVICES MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 361 LAMEA SPINTRONIC LOGIC DEVICES SEMICONDUCTOR BASED  
DEVICES MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 362 LAMEA SPINTRONIC LOGIC DEVICES SEMICONDUCTOR BASED  
DEVICES MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 363 LAMEA SPINTRONIC LOGIC DEVICES MARKET BY SEMICONDUCTOR  
BASED DEVICES TYPE, 2016 - 2019, USD MILLION

TABLE 364 LAMEA SPINTRONIC LOGIC DEVICES MARKET BY SEMICONDUCTOR  
BASED DEVICES TYPE, 2020 - 2026, USD MILLION

TABLE 365 LAMEA SPIN DIODE SPINTRONIC LOGIC DEVICES MARKET BY  
COUNTRY, 2016 - 2019, USD MILLION

TABLE 366 LAMEA SPIN DIODE SPINTRONIC LOGIC DEVICES MARKET BY  
COUNTRY, 2020 - 2026, USD MILLION

TABLE 367 LAMEA SPIN FILTER & SPIN FIELD EFFECT TRANSISTOR  
SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 368 LAMEA SPIN FILTER & SPIN FIELD EFFECT TRANSISTOR  
SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 369 LAMEA SPINTRONIC LOGIC DEVICES MARKET BY END USER, 2016 -  
2019, USD MILLION

TABLE 370 LAMEA SPINTRONIC LOGIC DEVICES MARKET BY END USER, 2020 -  
2026, USD MILLION

TABLE 371 LAMEA INDUSTRIAL MOTORS SPINTRONIC LOGIC DEVICES MARKET  
BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 372 LAMEA INDUSTRIAL MOTORS SPINTRONIC LOGIC DEVICES MARKET

BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 373 LAMEA ELECTRIC VEHICLES SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 374 LAMEA ELECTRIC VEHICLES SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 375 LAMEA DATA STORAGE SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 376 LAMEA DATA STORAGE SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 377 LAMEA SEMICONDUCTOR LASERS SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 378 LAMEA SEMICONDUCTOR LASERS SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 379 LAMEA MAGNETIC TUNNEL TRANSISTOR SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 380 LAMEA MAGNETIC TUNNEL TRANSISTOR SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 381 LAMEA OTHERS SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 382 LAMEA OTHERS SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 383 LAMEA SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 384 LAMEA SPINTRONIC LOGIC DEVICES MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 385 BRAZIL SPINTRONIC LOGIC DEVICES MARKET, 2016 - 2019, USD MILLION

TABLE 386 BRAZIL SPINTRONIC LOGIC DEVICES MARKET, 2020 - 2026, USD MILLION

TABLE 387 BRAZIL SPINTRONIC LOGIC DEVICES MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 388 BRAZIL SPINTRONIC LOGIC DEVICES MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 389 BRAZIL SPINTRONIC LOGIC DEVICES METAL BASED DEVICES MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 390 BRAZIL SPINTRONIC LOGIC DEVICES METAL BASED DEVICES MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 391 BRAZIL SPINTRONIC LOGIC DEVICES MARKET BY SEMICONDUCTOR BASED DEVICES TYPE, 2016 - 2019, USD MILLION

TABLE 392 BRAZIL SPINTRONIC LOGIC DEVICES MARKET BY SEMICONDUCTOR BASED DEVICES TYPE, 2020 - 2026, USD MILLION

TABLE 393 BRAZIL SPINTRONIC LOGIC DEVICES MARKET BY END USER, 2016 - 2019, USD MILLION

TABLE 394 BRAZIL SPINTRONIC LOGIC DEVICES MARKET BY END USER, 2020 - 2026, USD MILLION

TABLE 395 ARGENTINA SPINTRONIC LOGIC DEVICES MARKET, 2016 - 2019, USD MILLION

TABLE 396 ARGENTINA SPINTRONIC LOGIC DEVICES MARKET, 2020 - 2026, USD MILLION

TABLE 397 ARGENTINA SPINTRONIC LOGIC DEVICES MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 398 ARGENTINA SPINTRONIC LOGIC DEVICES MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 399 ARGENTINA SPINTRONIC LOGIC DEVICES METAL BASED DEVICES MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 400 ARGENTINA SPINTRONIC LOGIC DEVICES METAL BASED DEVICES MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 401 ARGENTINA SPINTRONIC LOGIC DEVICES MARKET BY SEMICONDUCTOR BASED DEVICES TYPE, 2016 - 2019, USD MILLION

TABLE 402 ARGENTINA SPINTRONIC LOGIC DEVICES MARKET BY SEMICONDUCTOR BASED DEVICES TYPE, 2020 - 2026, USD MILLION

TABLE 403 ARGENTINA SPINTRONIC LOGIC DEVICES MARKET BY END USER, 2016 - 2019, USD MILLION

TABLE 404 ARGENTINA SPINTRONIC LOGIC DEVICES MARKET BY END USER, 2020 - 2026, USD MILLION

TABLE 405 UAE SPINTRONIC LOGIC DEVICES MARKET, 2016 - 2019, USD MILLION

TABLE 406 UAE SPINTRONIC LOGIC DEVICES MARKET, 2020 - 2026, USD MILLION

TABLE 407 UAE SPINTRONIC LOGIC DEVICES MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 408 UAE SPINTRONIC LOGIC DEVICES MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 409 UAE SPINTRONIC LOGIC DEVICES METAL BASED DEVICES MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 410 UAE SPINTRONIC LOGIC DEVICES METAL BASED DEVICES MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 411 UAE SPINTRONIC LOGIC DEVICES MARKET BY SEMICONDUCTOR

BASED DEVICES TYPE, 2016 - 2019, USD MILLION

TABLE 412 UAE SPINTRONIC LOGIC DEVICES MARKET BY SEMICONDUCTOR  
BASED DEVICES TYPE, 2020 - 2026, USD MILLION

TABLE 413 UAE SPINTRONIC LOGIC DEVICES MARKET BY END USER, 2016 -  
2019, USD MILLION

TABLE 414 UAE SPINTRONIC LOGIC DEVICES MARKET BY END USER, 2020 -  
2026, USD MILLION

TABLE 415 SAUDI ARABIA SPINTRONIC LOGIC DEVICES MARKET, 2016 - 2019,  
USD MILLION

TABLE 416 SAUDI ARABIA SPINTRONIC LOGIC DEVICES MARKET, 2020 - 2026,  
USD MILLION

TABLE 417 SAUDI ARABIA SPINTRONIC LOGIC DEVICES MARKET BY TYPE, 2016  
- 2019, USD MILLION

TABLE 418 SAUDI ARABIA SPINTRONIC LOGIC DEVICES MARKET BY TYPE, 2020  
- 2026, USD MILLION

TABLE 419 SAUDI ARABIA SPINTRONIC LOGIC DEVICES METAL BASED DEVICES  
MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 420 SAUDI ARABIA SPINTRONIC LOGIC DEVICES METAL BASED DEVICES  
MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 421 SAUDI ARABIA SPINTRONIC LOGIC DEVICES MARKET BY  
SEMICONDUCTOR BASED DEVICES TYPE, 2016 - 2019, USD MILLION

TABLE 422 SAUDI ARABIA SPINTRONIC LOGIC DEVICES MARKET BY  
SEMICONDUCTOR BASED DEVICES TYPE, 2020 - 2026, USD MILLION

TABLE 423 SAUDI ARABIA SPINTRONIC LOGIC DEVICES MARKET BY END USER,  
2016 - 2019, USD MILLION

TABLE 424 SAUDI ARABIA SPINTRONIC LOGIC DEVICES MARKET BY END USER,  
2020 - 2026, USD MILLION

TABLE 425 SOUTH AFRICA SPINTRONIC LOGIC DEVICES MARKET, 2016 - 2019,  
USD MILLION

TABLE 426 SOUTH AFRICA SPINTRONIC LOGIC DEVICES MARKET, 2020 - 2026,  
USD MILLION

TABLE 427 SOUTH AFRICA SPINTRONIC LOGIC DEVICES MARKET BY TYPE,  
2016 - 2019, USD MILLION

TABLE 428 SOUTH AFRICA SPINTRONIC LOGIC DEVICES MARKET BY TYPE,  
2020 - 2026, USD MILLION

TABLE 429 SOUTH AFRICA SPINTRONIC LOGIC DEVICES METAL BASED  
DEVICES MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 430 SOUTH AFRICA SPINTRONIC LOGIC DEVICES METAL BASED  
DEVICES MARKET BY TYPE, 2020 - 2026, USD MILLION

- TABLE 431 SOUTH AFRICA SPINTRONIC LOGIC DEVICES MARKET BY SEMICONDUCTOR BASED DEVICES TYPE, 2016 - 2019, USD MILLION
- TABLE 432 SOUTH AFRICA SPINTRONIC LOGIC DEVICES MARKET BY SEMICONDUCTOR BASED DEVICES TYPE, 2020 - 2026, USD MILLION
- TABLE 433 SOUTH AFRICA SPINTRONIC LOGIC DEVICES MARKET BY END USER, 2016 - 2019, USD MILLION
- TABLE 434 SOUTH AFRICA SPINTRONIC LOGIC DEVICES MARKET BY END USER, 2020 - 2026, USD MILLION
- TABLE 435 NIGERIA SPINTRONIC LOGIC DEVICES MARKET, 2016 - 2019, USD MILLION
- TABLE 436 NIGERIA SPINTRONIC LOGIC DEVICES MARKET, 2020 - 2026, USD MILLION
- TABLE 437 NIGERIA SPINTRONIC LOGIC DEVICES MARKET BY TYPE, 2016 - 2019, USD MILLION
- TABLE 438 NIGERIA SPINTRONIC LOGIC DEVICES MARKET BY TYPE, 2020 - 2026, USD MILLION
- TABLE 439 NIGERIA SPINTRONIC LOGIC DEVICES METAL BASED DEVICES MARKET BY TYPE, 2016 - 2019, USD MILLION
- TABLE 440 NIGERIA SPINTRONIC LOGIC DEVICES METAL BASED DEVICES MARKET BY TYPE, 2020 - 2026, USD MILLION
- TABLE 441 NIGERIA SPINTRONIC LOGIC DEVICES MARKET BY SEMICONDUCTOR BASED DEVICES TYPE, 2016 - 2019, USD MILLION
- TABLE 442 NIGERIA SPINTRONIC LOGIC DEVICES MARKET BY SEMICONDUCTOR BASED DEVICES TYPE, 2020 - 2026, USD MILLION
- TABLE 443 NIGERIA SPINTRONIC LOGIC DEVICES MARKET BY END USER, 2016 - 2019, USD MILLION
- TABLE 444 NIGERIA SPINTRONIC LOGIC DEVICES MARKET BY END USER, 2020 - 2026, USD MILLION
- TABLE 445 REST OF LAMEA SPINTRONIC LOGIC DEVICES MARKET, 2016 - 2019, USD MILLION
- TABLE 446 REST OF LAMEA SPINTRONIC LOGIC DEVICES MARKET, 2020 - 2026, USD MILLION
- TABLE 447 REST OF LAMEA SPINTRONIC LOGIC DEVICES MARKET BY TYPE, 2016 - 2019, USD MILLION
- TABLE 448 REST OF LAMEA SPINTRONIC LOGIC DEVICES MARKET BY TYPE, 2020 - 2026, USD MILLION
- TABLE 449 REST OF LAMEA SPINTRONIC LOGIC DEVICES METAL BASED DEVICES MARKET BY TYPE, 2016 - 2019, USD MILLION
- TABLE 450 REST OF LAMEA SPINTRONIC LOGIC DEVICES METAL BASED

DEVICES MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 451 REST OF LAMEA SPINTRONIC LOGIC DEVICES MARKET BY SEMICONDUCTOR BASED DEVICES TYPE, 2016 - 2019, USD MILLION

TABLE 452 REST OF LAMEA SPINTRONIC LOGIC DEVICES MARKET BY SEMICONDUCTOR BASED DEVICES TYPE, 2020 - 2026, USD MILLION

TABLE 453 REST OF LAMEA SPINTRONIC LOGIC DEVICES MARKET BY END USER, 2016 - 2019, USD MILLION

TABLE 454 REST OF LAMEA SPINTRONIC LOGIC DEVICES MARKET BY END USER, 2020 - 2026, USD MILLION

TABLE 455 KEY INFORMATION – INFINEON TECHNOLOGIES AG

TABLE 456 KEY INFORMATION – MTS SYSTEMS CORPORATION

TABLE 457 KEY INFORMATION – KISTLER GROUP

TABLE 458 KEY INFORMATION – SPECTRIS PLC

TABLE 459 KEY INFORMATION – EVERSPIN TECHNOLOGIES, INC.

TABLE 460 KEY INFORMATION – NVE CORPORATION

TABLE 461 KEY INFORMATION – CROCUS TECHNOLOGY, INC.

TABLE 462 KEY INFORMATION – FUTЕК ADVANCED SENSOR TECHNOLOGY, INC.

TABLE 463 KEY INFORMATION – SPIN MEMORY, INC.

TABLE 464 KEY INFORMATION – SENSOR TECHNOLOGY LTD.



## List Of Figures

### LIST OF FIGURES

FIG 1 METHODOLOGY FOR THE RESEARCH

FIG 2 KBV CARDINAL MATRIX

FIG 3 KEY LEADING STRATEGIES: PERCENTAGE DISTRIBUTION (2015-2019)

FIG 4 KEY STRATEGIC MOVE: (PRODUCT LAUNCHES AND PRODUCT EXPANSIONS: 2016, SEP – 2020,FEB) LEADING PLAYERS

FIG 5 RECENT STRATEGIES AND DEVELOPMENTS: INFINEON TECHNOLOGIES AG

FIG 6 SWOT ANALYSIS: INFINEON TECHNOLOGIES AG

FIG 7 RECENT STRATEGIES AND DEVELOPMENTS: MTS SYSTEMS CORPORATION

FIG 8 SWOT ANALYSIS: MTS SYSTEMS CORPORATION

FIG 9 RECENT STRATEGIES AND DEVELOPMENTS: CROCUS TECHNOLOGY, INC.

## I would like to order

Product name: Global Spintronic Logic Devices Market By Type (Metal Based Devices and Semiconductor Based Devices) By End User (Industrial Motors, Electric Vehicles, Data Storage, Semiconductor Lasers, Magnetic Tunnel Transistor and Others) By Region, Industry Analysis and Forecast, 2020 - 2026

Product link: <https://marketpublishers.com/r/GF750D411E98EN.html>

Price: US\$ 3,600.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GF750D411E98EN.html>