

# Giant Magnetoresistive (GMR) Sensors Market in US -Manufacturing and Consumption, Outlook and Forecast 2020-2026

https://marketpublishers.com/r/GD7E2F03F6C4EN.html

Date: April 2020 Pages: 90 Price: US\$ 2,700.00 (Single User License) ID: GD7E2F03F6C4EN

# **Abstracts**

Giant magnetoresistance (GMR) is primarily a quantum mechanical magnetoresistance effect, which is detected in the multilayers composed of alternating non-magnetic as well as ferromagnetic conductive layers. Giant magnetoresistive sensors are employed for speed, position and angle sensing. Major application area of giant magnetoresistive sensor includes automotive, industry, consumer electronics, aerospace and defense among others.

This report contains market size and forecasts of Giant Magnetoresistive (GMR) Sensors in US, including the following market information:

US Giant Magnetoresistive (GMR) Sensors Market Revenue, 2015-2020, 2021-2026, (\$ millions)

US Giant Magnetoresistive (GMR) Sensors Market Consumption, 2015-2020, 2021-2026, (K Units)

US Giant Magnetoresistive (GMR) Sensors Production Capacity, 2015-2020, 2021-2026, (K Units)

Top Five Competitors in US Giant Magnetoresistive (GMR) Sensors Market 2019 (%) The global Giant Magnetoresistive (GMR) Sensors market was valued at 150.3 million in 2019 and is projected to reach US\$ 208.4 million by 2026, at a CAGR of 8.5% during the forecast period. While the Giant Magnetoresistive (GMR) Sensors market size in US was US\$ XX million in 2019, and it is expected to reach US\$ XX million by the end of 2026, with a CAGR of XX% during 2020-2026.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Giant Magnetoresistive (GMR) Sensors manufacturers, suppliers, distributors and industry experts on the impacts of the COVID-19 pandemic on businesses, with top challenges including



ingredients and raw material delays, component and packaging shortages, reduced/cancelled orders from clients and consumers, and closures of production lines in some impacted areas.

This report also analyses and evaluates the COVID-19 impact on Giant Magnetoresistive (GMR) Sensors production and consumption in US

Total Market by Segment:

US Giant Magnetoresistive (GMR) Sensors Market, By Type, 2015-2020, 2021-2026 (\$ millions) & (K Units) US Giant Magnetoresistive (GMR) Sensors Market Segment Percentages, By Type, 2019 (%)

Standard Multilayer

High Temperature Multilayer

Low Hysteresis High Temperature Multilayer

Spin Valve

Other

US Giant Magnetoresistive (GMR) Sensors Market, By Application, 2015-2020, 2021-2026 (\$ millions) & (K Units) US Giant Magnetoresistive (GMR) Sensors Market Segment Percentages, By Application, 2019 (%)

Automotive

**Consumer Electronics** 

Industrial Applications

Aerospace & Defense

Medical Biological

Giant Magnetoresistive (GMR) Sensors Market in US - Manufacturing and Consumption, Outlook and Forecast 2020-2...



Others

**Competitor Analysis** 

The report also provides analysis of leading market participants including:

Total Giant Magnetoresistive (GMR) Sensors Market Competitors Revenues in US, by Players 2015-2020 (Estimated), (\$ millions)

Total Giant Magnetoresistive (GMR) Sensors Market Competitors Revenues Share in US, by Players 2019 (%)

Total US Giant Magnetoresistive (GMR) Sensors Market Competitors Sales, by Players 2015-2020 (Estimated), (K Units)

Total US Giant Magnetoresistive (GMR) Sensors Market Competitors Sales Market Share by Players 2019 (\$ millions)

Further, the report presents profiles of competitors in the market, including the following:

Infineon Technologies AG

Allegro MicroSystems

Hitachi Metals

NVE

Yamaha

Robert Bosch GmbH



# Contents

#### **1 INTRODUCTION TO RESEARCH & ANALYSIS REPORTS**

- 1.1 Giant Magnetoresistive (GMR) Sensors Market Definition
- 1.2 Market Segments
- 1.2.1 Segment by Type
- 1.2.2 Segment by Application
- 1.3 US Giant Magnetoresistive (GMR) Sensors Market Overview
- 1.4 Features & Benefits of This Report
- 1.5 Methodology & Sources of Information
- 1.5.1 Research Methodology
- 1.5.2 Research Process
- 1.5.3 Base Year
- 1.5.4 Report Assumptions & Caveats

# 2 COVID-19 IMPACT: US GIANT MAGNETORESISTIVE (GMR) SENSORS OVERALL MARKET SIZE

2.1 US Giant Magnetoresistive (GMR) Sensors Market Size: 2020 VS 2026

2.2 US Giant Magnetoresistive (GMR) Sensors Revenue, Prospects & Forecasts: 2015-2026

2.3 US Giant Magnetoresistive (GMR) Sensors Sales (Consumption): 2015-2026

### **3 COMPANY LANDSCAPE**

3.1 Top Giant Magnetoresistive (GMR) Sensors Players in US (including Foreign and Local Companies)

3.2 Top US Giant Magnetoresistive (GMR) Sensors Companies Ranked by Revenue 3.3 US Giant Magnetoresistive (GMR) Sensors Revenue by Companies (including Foreign and Local Companies)

3.4 US Giant Magnetoresistive (GMR) Sensors Sales by Companies (including Foreign and Local Companies)

3.5 US Giant Magnetoresistive (GMR) Sensors Price by Manufacturer (2015-2020)3.6 Top 3 and Top 5 Giant Magnetoresistive (GMR) Sensors Companies in US, by Revenue in 2019

3.7 US Manufacturers Giant Magnetoresistive (GMR) Sensors Product Type3.8 Tier 1, Tier 2 and Tier 3 Giant Magnetoresistive (GMR) Sensors Players in US3.8.1 List of US Tier 1 Giant Magnetoresistive (GMR) Sensors Companies



3.8.2 List of US Tier 2 and Tier 3 Giant Magnetoresistive (GMR) Sensors Companies

### **4 SIGHTS BY PRODUCT**

4.1 Overview

4.1.1 By Type - US Giant Magnetoresistive (GMR) Sensors Market Size Markets, 2020 & 2026

4.1.2 Standard Multilayer

4.1.3 High Temperature Multilayer

4.1.4 Low Hysteresis High Temperature Multilayer

4.1.5 Spin Valve

4.1.6 Other

- 4.2 By Type US Giant Magnetoresistive (GMR) Sensors Revenue & Forecasts
  4.2.1 By Type US Giant Magnetoresistive (GMR) Sensors Revenue, 2015-2020
  4.2.2 By Type US Giant Magnetoresistive (GMR) Sensors Revenue, 2021-2026
  4.2.3 By Type US Giant Magnetoresistive (GMR) Sensors Revenue Market Share, 2015-2026
- 4.3 By Type US Giant Magnetoresistive (GMR) Sensors Sales & Forecasts
- 4.3.1 By Type US Giant Magnetoresistive (GMR) Sensors Sales, 2015-2020
- 4.3.2 By Type US Giant Magnetoresistive (GMR) Sensors Sales, 2021-2026

4.3.3 By Type - US Giant Magnetoresistive (GMR) Sensors Sales Market Share, 2015-2026

4.4 By Type - US Giant Magnetoresistive (GMR) Sensors Price (Manufacturers Selling Prices), 2015-2026

#### **5 SIGHTS BY APPLICATION**

5.1 Overview

5.1.1 By Application - US Giant Magnetoresistive (GMR) Sensors Market Size, 2020 & 2026

- 5.1.2 Automotive
- 5.1.3 Consumer Electronics
- 5.1.4 Industrial Applications
- 5.1.5 Aerospace & Defense
- 5.1.6 Medical Biological
- 5.1.7 Others

5.2 By Application - US Giant Magnetoresistive (GMR) Sensors Revenue & Forecasts

5.2.1 By Application - US Giant Magnetoresistive (GMR) Sensors Revenue,

2015-2020



5.2.2 By Application - US Giant Magnetoresistive (GMR) Sensors Revenue, 2021-2026

5.2.3 By Application - US Giant Magnetoresistive (GMR) Sensors Revenue Market Share, 2015-2026

5.3 By Application - US Giant Magnetoresistive (GMR) Sensors Sales & Forecasts
5.3.1 By Application - US Giant Magnetoresistive (GMR) Sensors Sales, 2015-2020
5.3.2 By Application - US Giant Magnetoresistive (GMR) Sensors Sales, 2021-2026
5.3.3 By Application - US Giant Magnetoresistive (GMR) Sensors Sales Market Share,
2015-2026
5.4 By Application - US Giant Magnetoresistive (GMR) Sensors Price (Manufacturers

5.4 By Application - US Giant Magnetoresistive (GMR) Sensors Price (Manufacture Selling Prices), 2015-2026

# 6 MANUFACTURERS & BRANDS PROFILES

6.1 Infineon Technologies AG

6.1.1 Infineon Technologies AG Corporate Summary

6.1.2 Infineon Technologies AG Business Overview

6.1.3 Infineon Technologies AG Giant Magnetoresistive (GMR) Sensors Major Product Offerings

6.1.4 Infineon Technologies AG Sales and Revenue in US (2015-2020)

6.1.5 Infineon Technologies AG Key News

6.2 Allegro MicroSystems

- 6.2.1 Allegro MicroSystems Corporate Summary
- 6.2.2 Allegro MicroSystems Business Overview
- 6.2.3 Allegro MicroSystems Giant Magnetoresistive (GMR) Sensors Major Product

Offerings

- 6.2.4 Allegro MicroSystems Sales and Revenue in US (2015-2020)
- 6.2.5 Allegro MicroSystems Key News

### 6.3 Hitachi Metals

- 6.3.1 Hitachi Metals Corporate Summary
- 6.3.2 Hitachi Metals Business Overview
- 6.3.3 Hitachi Metals Giant Magnetoresistive (GMR) Sensors Major Product Offerings
- 6.3.4 Hitachi Metals Sales and Revenue in US (2015-2020)
- 6.3.5 Hitachi Metals Key News

6.4 NVE

- 6.4.1 NVE Corporate Summary
- 6.4.2 NVE Business Overview
- 6.4.3 NVE Giant Magnetoresistive (GMR) Sensors Major Product Offerings
- 6.4.4 NVE Sales and Revenue in US (2015-2020)



6.4.5 NVE Key News

6.5 Yamaha

- 6.5.1 Yamaha Corporate Summary
- 6.5.2 Yamaha Business Overview
- 6.5.3 Yamaha Giant Magnetoresistive (GMR) Sensors Major Product Offerings
- 6.5.4 Yamaha Sales and Revenue in US (2015-2020)
- 6.5.5 Yamaha Key News

6.6 Robert Bosch GmbH

- 6.6.1 Robert Bosch GmbH Corporate Summary
- 6.6.2 Robert Bosch GmbH Business Overview
- 6.6.3 Robert Bosch GmbH Giant Magnetoresistive (GMR) Sensors Major Product Offerings
- 6.6.4 Robert Bosch GmbH Sales and Revenue in US (2015-2020)
- 6.6.5 Robert Bosch GmbH Key News

6.7 Alps Electric

- 6.6.1 Alps Electric Corporate Summary
- 6.6.2 Alps Electric Business Overview
- 6.6.3 Alps Electric Giant Magnetoresistive (GMR) Sensors Major Product Offerings
- 6.4.4 Alps Electric Sales and Revenue in US (2015-2020)
- 6.7.5 Alps Electric Key News

# 7 GIANT MAGNETORESISTIVE (GMR) SENSORS PRODUCTION CAPACITY, EXPORT AND IMPORT ANALYSIS

7.1 Giant Magnetoresistive (GMR) Sensors Production Capacity and Value in US, Situation Analysis and Prediction, 2015-2026

- 7.1.1 US Giant Magnetoresistive (GMR) Sensors Production Capacity, 2015-2026
- 7.1.2 US Giant Magnetoresistive (GMR) Sensors Production 2015-2026
- 7.1.3 US Giant Magnetoresistive (GMR) Sensors Production Value 2015-2026
- 7.2 Key Local Giant Magnetoresistive (GMR) Sensors Manufacturers in US

7.2.1 US Key Local Giant Magnetoresistive (GMR) Sensors Manufacturers Production Capacity

7.2.2 US Key Local Giant Magnetoresistive (GMR) Sensors Manufacturers Production 7.2.3 US Key Local Giant Magnetoresistive (GMR) Sensors Manufacturers Production Value

7.2.4 The Proportion of Giant Magnetoresistive (GMR) Sensors Production Sold in US and Sold Other Than US by Manufacturers

7.3 Giant Magnetoresistive (GMR) Sensors Export and Import in US

7.3.1 US Giant Magnetoresistive (GMR) Sensors Export Market



7.3.2 US Giant Magnetoresistive (GMR) Sensors Source of Imports

# 8 COVID-19 IMPACT: KEY MARKET TRENDS, OPPORTUNITY, DRIVERS AND RESTRAINTS

- 8.1 PESTLE Analysis for US Giant Magnetoresistive (GMR) Sensors Market
- 8.2 Market Opportunities & Trends
- 8.3 Market Drivers
- 8.4 Market Restraints

# 9 COVID-19 IMPACT ON GIANT MAGNETORESISTIVE (GMR) SENSORS SUPPLY CHAIN ANALYSIS

- 9.1 Supply Chain Analysis
- 9.2 Upstream Market Analysis
- 9.3 Downstream and Clients Market Analysis
- 9.4 Marketing Channels Analysis
- 9.4.1 Marketing Channels
- 9.4.2 Giant Magnetoresistive (GMR) Sensors Distributors and Sales Agents in US

#### **10 CONCLUSION**

#### **11 APPENDIX**

- 11.1 Note
- 11.2 Examples of Clients
- 11.3 Disclaimer



# **List Of Tables**

#### LIST OF TABLES

Table 1. Key Players of Giant Magnetoresistive (GMR) Sensors in US Table 2. Top Players in US, Ranking by Revenue (2019) Table 3. US Giant Magnetoresistive (GMR) Sensors Revenue by Companies, (US\$, Mn), 2015-2020 Table 4. US Giant Magnetoresistive (GMR) Sensors Revenue Share by Companies, 2015-2020 Table 5. US Giant Magnetoresistive (GMR) Sensors Sales by Companies, (K Units), 2015-2020 Table 6. US Giant Magnetoresistive (GMR) Sensors Sales Share by Companies, 2015-2020 Table 7. Key Manufacturers Giant Magnetoresistive (GMR) Sensors Price (2015-2020) (USD/Unit) Table 8. US Manufacturers Giant Magnetoresistive (GMR) Sensors Product Type Table 9. List of US Tier 1 Giant Magnetoresistive (GMR) Sensors Companies, Revenue (US\$, Mn) in 2019 and Market Share Table 10. List of US Tier 2 and Tier 3 Giant Magnetoresistive (GMR) Sensors Companies, Revenue (US\$, Mn) in 2019 and Market Share Table 11. By Type - Giant Magnetoresistive (GMR) Sensors Revenue in US (US\$, Mn), 2015-2020 Table 12. By Type - Giant Magnetoresistive (GMR) Sensors Revenue in US (US\$, Mn), 2021-2026 Table 13. By Type - Giant Magnetoresistive (GMR) Sensors Sales in US (K Units), 2015-2020 Table 14. By Type - Giant Magnetoresistive (GMR) Sensors Sales in US (K Units), 2021-2026 Table 15. By Application - Giant Magnetoresistive (GMR) Sensors Revenue in US, (US\$, Mn), 2015-2020 Table 16. By Application - Giant Magnetoresistive (GMR) Sensors Revenue in US, (US\$, Mn), 2021-2026 Table 17. By Application - Giant Magnetoresistive (GMR) Sensors Sales in US, (K Units), 2015-2020 Table 18. By Application - Giant Magnetoresistive (GMR) Sensors Sales in US, (K Units), 2021-2026 Table 19. Infineon Technologies AG Corporate Summary Table 20. Infineon Technologies AG Giant Magnetoresistive (GMR) Sensors Product Giant Magnetoresistive (GMR) Sensors Market in US - Manufacturing and Consumption, Outlook and Forecast 2020-2...



#### Offerings

Table 21. Infineon Technologies AG Giant Magnetoresistive (GMR) Sensors Sales (K Units), Revenue (US\$, Mn) and Average Price (USD/Unit) (2015-2020)

Table 22. Allegro MicroSystems Corporate Summary

Table 23. Allegro MicroSystems Giant Magnetoresistive (GMR) Sensors Product Offerings

Table 24. Allegro MicroSystems Giant Magnetoresistive (GMR) Sensors Sales (K

Units), Revenue (US\$, Mn) and Average Price (USD/Unit) (2015-2020)

- Table 25. Hitachi Metals Corporate Summary
- Table 26. Hitachi Metals Giant Magnetoresistive (GMR) Sensors Product Offerings

Table 27. Hitachi Metals Giant Magnetoresistive (GMR) Sensors Sales (K Units),

Revenue (US\$, Mn) and Average Price (USD/Unit) (2015-2020)

Table 28. NVE Corporate Summary

Table 29. NVE Giant Magnetoresistive (GMR) Sensors Product Offerings

Table 30. NVE Giant Magnetoresistive (GMR) Sensors Sales (K Units), Revenue (US\$,

Mn) and Average Price (USD/Unit) (2015-2020)

Table 31. Yamaha Corporate Summary

Table 32. Yamaha Giant Magnetoresistive (GMR) Sensors Product Offerings

Table 33. Yamaha Giant Magnetoresistive (GMR) Sensors Sales (K Units), Revenue

(US\$, Mn) and Average Price (USD/Unit) (2015-2020)

Table 34. Robert Bosch GmbH Corporate Summary

Table 35. Robert Bosch GmbH Giant Magnetoresistive (GMR) Sensors ProductOfferings

Table 36. Robert Bosch GmbH Giant Magnetoresistive (GMR) Sensors Sales (K Units), Revenue (US\$, Mn) and Average Price (USD/Unit) (2015-2020)

Table 37. Alps Electric Corporate Summary

Table 38. Alps Electric Giant Magnetoresistive (GMR) Sensors Product Offerings

Table 39. Alps Electric Giant Magnetoresistive (GMR) Sensors Sales (K Units),

Revenue (US\$, Mn) and Average Price (USD/Unit) (2015-2020)

Table 40. Giant Magnetoresistive (GMR) Sensors Production Capacity (K Units) of Local Manufacturers in US, 2015-2020

Table 41. Giant Magnetoresistive (GMR) Sensors Production (K Units) of Local Manufacturers in US, 2015-2020

Table 42. US Giant Magnetoresistive (GMR) Sensors Production Market Share of Local Manufacturers, 2015-2020

Table 43. Giant Magnetoresistive (GMR) Sensors Production Value (US\$, Mn) of Local Manufacturers in US, 2015-2020

Table 44. US Giant Magnetoresistive (GMR) Sensors Production Value Market Share of Local Manufacturers, 2015-2020



Table 45. The Percentage of Giant Magnetoresistive (GMR) Sensors Production Sold in US and Sold Other Than US by Manufacturers

Table 46. The Percentage of Giant Magnetoresistive (GMR) Sensors Production Sold in US and Sold Other Than US by Manufacturers

Table 47. Dangeguojia Giant Magnetoresistive (GMR) Sensors Sales (Consumption),

Production, Export and Import, 2015-2020

Table 48. Raw Materials and Suppliers

Table 49. Giant Magnetoresistive (GMR) Sensors Downstream Clients in US

Table 50. Giant Magnetoresistive (GMR) Sensors Distributors and Sales Agents in US



# **List Of Figures**

#### LIST OF FIGURES

Figure 1. Giant Magnetoresistive (GMR) Sensors Segment by Type Figure 2. Giant Magnetoresistive (GMR) Sensors Segment by Application Figure 3. Dangeguojia Giant Magnetoresistive (GMR) Sensors Market Overview: 2020 Figure 4. Key Caveats Figure 5. Giant Magnetoresistive (GMR) Sensors Market Size in US, (US\$, Mn) & (K Units): 2020 VS 2026 Figure 6. US Giant Magnetoresistive (GMR) Sensors Revenue, 2015-2026 (US\$, Mn) Figure 7. Giant Magnetoresistive (GMR) Sensors Sales in US: 2015-2026 (K Units) Figure 8. The Top 3 and 5 Players Market Share by Giant Magnetoresistive (GMR) Sensors Revenue in 2019 Figure 9. By Type - US Giant Magnetoresistive (GMR) Sensors Incremental Growth, (US\$, Mn), 2015-2026 Figure 10. By Type - US Giant Magnetoresistive (GMR) Sensors Market Share, 2015-2020 Figure 11. By Type - US Giant Magnetoresistive (GMR) Sensors Market Share, 2020-2026 Figure 12. By Type - US Giant Magnetoresistive (GMR) Sensors Price (USD/Unit), 2015-2026 Figure 13. By Application - Giant Magnetoresistive (GMR) Sensors Revenue in US (US\$, Mn), 2020 & 2026 Figure 14. By Application - US Giant Magnetoresistive (GMR) Sensors Market Share, 2015-2020 Figure 15. By Application - US Giant Magnetoresistive (GMR) Sensors Market Share, 2020-2026 Figure 16. By Application -US Giant Magnetoresistive (GMR) Sensors Price (USD/Unit), 2015-2026 Figure 17. US Giant Magnetoresistive (GMR) Sensors Production Capacity (K Units), 2015-2026 Figure 18. US Giant Magnetoresistive (GMR) Sensors Actual Output (K Units), 2015-2026 Figure 19. US Giant Magnetoresistive (GMR) Sensors Production Value (US\$, Mn), 2015-2026 Figure 20. The Percentage of US Giant Magnetoresistive (GMR) Sensors Export Destination, 2019 Figure 21. The Source of Imports of US Giant Magnetoresistive (GMR) Sensors, 2019



Figure 22. PEST Analysis for US Giant Magnetoresistive (GMR) Sensors Market in 2020

Figure 23. Giant Magnetoresistive (GMR) Sensors Market Opportunities & Trends in US

Figure 24. Giant Magnetoresistive (GMR) Sensors Market Drivers in US

Figure 25. Giant Magnetoresistive (GMR) Sensors Market Restraints in US

Figure 26. Giant Magnetoresistive (GMR) Sensors Industry Value Chain



#### I would like to order

Product name: Giant Magnetoresistive (GMR) Sensors Market in US - Manufacturing and Consumption, Outlook and Forecast 2020-2026

Product link: https://marketpublishers.com/r/GD7E2F03F6C4EN.html

Price: US\$ 2,700.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service: info@marketpublishers.com

# Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <u>https://marketpublishers.com/r/GD7E2F03F6C4EN.html</u>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name: Last name: Email: Company: Address: City: Zip code: Country: Tel: Fax: Your message:

\*\*All fields are required

Custumer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <u>https://marketpublishers.com/docs/terms.html</u>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970



Giant Magnetoresistive (GMR) Sensors Market in US - Manufacturing and Consumption, Outlook and Forecast 2020-2...