+357 96 030922
info@marketpublishers.com

Global MRAM Probe System MRAM Market Growth 2026-2032

https://marketpublishers.com/r/GF159362405AEN.html
Date: October 2026
Pages: 96
Price: US$ 3,660.00 (Single User License)
ID: GF159362405AEN

Abstracts

The global MRAM Probe System MRAM market size is predicted to grow from US$ 44.02 million in 2025 to US$ 148 million in 2032; it is expected to grow at a CAGR of 18.7% from 2026 to 2032.

An MRAM probe test system is wafer-level and device-level test equipment designed for magnetoresistive random-access memory and its core magnetic tunnel junction structures. It is used to extract key parameters such as hysteresis, tunnel magnetoresistance, switching current, write probability, bit error rate, retention behavior, breakdown voltage, magnetic immunity, and process uniformity under controlled magnetic field, voltage, current, pulse, temperature, and probe-contact conditions. The system typically consists of an automated or manual probe station, a nonmagnetic chuck, a three-dimensional or single-axis magnetic field generator, source-measure units and high-speed pulse modules, RF test interfaces, field calibration units, temperature-controlled or cryogenic chambers, probe-card interfaces, and test software. It can support R&D validation, wafer acceptance testing, wafer sort, and reliability assessment for material stacks, MTJ cells, bit cells, arrays, embedded MRAM chips, and packaged devices. Its main customers include memory and SoC manufacturers, wafer fabs, semiconductor test laboratories, magnetic sensor companies, universities, and research institutes. Common delivery formats include standalone magnetic probe stations, MRAM-specific ATE integrated with commercial automated probers, cryogenic magneto-transport probe stations, production-line test heads, pulse test modules, software licenses, customized system integration, and after-sales calibration and maintenance.

The industrial position of MRAM probe test systems is shifting from a research-instrument category toward a dedicated semiconductor test-equipment category. Early

+357 96 030922
info@marketpublishers.com

demand mainly came from research on magnetic thin films, MTJ structures, and spintronic devices, with test tasks focused on hysteresis curves, tunnel magnetoresistance, cryogenic magneto-transport, and pulse-switching mechanisms. As embedded MRAM enters advanced logic and MCU platforms, the test object is expanding from individual devices to bit cells, arrays, wafer acceptance structures, and SoC memory macros. The test objective is also moving from simply acquiring parameters to screening defects, evaluating yield, and feeding process-control data back within production-compatible cycle times. As a result, system capability is no longer determined only by magnetic-field strength, but by magnetic-field orientation control, field uniformity, pulse width, test parallelism, probe-card compatibility, automation interfaces, and data software. For wafer fabs and IDM customers, this equipment is a critical link in translating MRAM material performance into manufacturability indicators, and its future value will increasingly lie in process control, production ramp-up, and reliability-validation efficiency.

From the supply perspective, MRAM probe test systems represent a highly specialized, low-volume equipment market. General-purpose probe-station vendors cannot automatically address this demand. Only suppliers with integrated capabilities in magnetic-field generation, field calibration, probe contact, electrical measurement, high-speed pulsing, low-noise wiring, and automation software can form complete solutions. European and U.S. suppliers retain advantages in automated test heads, pulse measurement, cryogenic magnetic-field platforms, and customized research systems. Japanese suppliers have accumulated strengths in magnet-mounted probers, fully automated MRAM testing, and magnetic-device evaluation. Chinese suppliers are accelerating their entry into research-grade and selected wafer-level magnetic probe stations. Since MRAM itself remains in a transition phase from niche applications toward embedded and high-reliability use cases, equipment demand will combine R&D project-driven purchases with production-line adoption. In the near term, the market will not approach the scale of general wafer probers or ATE, but its high unit value, high validation barriers, and strong customer stickiness give it the profit and technology-barrier characteristics of dedicated semiconductor equipment.

Future growth will be driven by three types of demand. The first is the replacement demand for embedded nonvolatile memory at advanced nodes. MRAM offers advantages in low power consumption, nonvolatility, high endurance, and logic-process compatibility. If more SoC platforms adopt eMRAM, demand for wafer acceptance testing, wafer sort, and magnetic-immunity testing will increase. The second is the need for reliability verification in automotive electronics, industrial control, aerospace, and other high-reliability applications, which will raise the importance of magnetic-field

+357 96 030922
info@marketpublishers.com

sweeping, bit-error-rate testing, retention testing, and reliability assessment. The third is R&D demand from spintronics, neuromorphic computing, sensors, and emerging compute-in-memory devices, which will continue to support cryogenic, three-dimensional magnetic-field, RF, and ultrafast pulse test platforms. The overall growth of semiconductor test equipment and probe stations also provides a favorable external environment for this niche. As MRAM production penetration increases and wafer-fabrication investment in Asia continues, this equipment category is likely to grow faster than the average traditional probe-station market.

LP Information, Inc. (LPI) ' newest research report, the “MRAM Probe System MRAM Industry Forecast” looks at past sales and reviews total world MRAM Probe System MRAM sales in 2025, providing a comprehensive analysis by region and market sector of projected MRAM Probe System MRAM sales for 2026 through 2032. With MRAM Probe System MRAM sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US$ millions of the world MRAM Probe System MRAM industry.

This Insight Report provides a comprehensive analysis of the global MRAM Probe System MRAM landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on MRAM Probe System MRAM portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms’ unique position in an accelerating global MRAM Probe System MRAM market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for MRAM Probe System MRAM and breaks down the forecast by Product Form, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global MRAM Probe System MRAM.

This report presents a comprehensive overview, market shares, and growth opportunities of MRAM Probe System MRAM market by product type, application, key manufacturers and key regions and countries.

Segmentation by Product Form:

+357 96 030922
info@marketpublishers.com

MRAM-Specific Automated Test Equipment

Magnetic Test Head

Manual Magnetic Probe Station

Semi-Automatic Magnetic Probe Station

Cryogenic Magnetic Probe Station

Magnetic Field Pulse Test Module

Customized Magneto-Electrical Test Platform

Other

Segmentation by Magnetic Field Direction:

In-Plane Uniaxial Magnetic Field System

Perpendicular Uniaxial Magnetic Field System

In-Plane Two-Dimensional Vector Magnetic Field System

In-Plane and Perpendicular Two-Dimensional Magnetic Field System

Three-Dimensional Vector Magnetic Field System

Superconducting High-Field System

Other

Segmentation by Temperature Environment:

Room-Temperature Test System

+357 96 030922
info@marketpublishers.com

Heated Temperature-Controlled Test System

Cryogenic Vacuum Test System

Cryogen-Free Cryogenic Test System

Superconducting Magnet Cryogenic Test System

Other

Segmentation by Application:

MRAM Material Stack R&D

MTJ Cell Device Characterization

MRAM Array Wafer Testing

Embedded MRAM Chip Testing

MRAM Package Reliability Testing

Magnetic Sensor Testing

Spintronic Device Research

Other

This report also splits the market by region:

Americas

United States

Canada

+357 96 030922
info@marketpublishers.com

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

+357 96 030922
info@marketpublishers.com

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Mycronic AB

Integral Solutions International

OHT Inc.

Toei Scientific Industrial Co., Ltd.

MicroXact, Inc.

Lake Shore Cryotronics, Inc.

Advanced Research Systems, Inc.

SemiProbe, Inc.

Xiamen Dexing Magnet Tech. Co., Ltd.

Truth Instruments Co., Ltd.

Key Questions Addressed in this Report

What is the 10-year outlook for the global MRAM Probe System MRAM market?

What factors are driving MRAM Probe System MRAM market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

+357 96 030922
info@marketpublishers.com

How do MRAM Probe System MRAM market opportunities vary by end market size?

How does MRAM Probe System MRAM break out by Product Form, by Application?

+357 96 030922
info@marketpublishers.com

Contents

1 SCOPE OF THE REPORT

1.1 Market Introduction
1.2 Years Considered
1.3 Research Objectives
1.4 Market Research Methodology
1.5 Research Process and Data Source
1.6 Economic Indicators
1.7 Currency Considered
1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

2.1 World Market Overview
  2.1.1 Global MRAM Probe System MRAM Annual Sales 2021-2032
  2.1.2 World Current & Future Analysis for MRAM Probe System MRAM by Geographic Region, 2021, 2025 & 2032
  2.1.3 World Current & Future Analysis for MRAM Probe System MRAM by Country/Region, 2021, 2025 & 2032
2.2 MRAM Probe System MRAM Segment by Product Form
  2.2.1 MRAM-Specific Automated Test Equipment
  2.2.2 Magnetic Test Head
  2.2.3 Manual Magnetic Probe Station
  2.2.4 Semi-Automatic Magnetic Probe Station
  2.2.5 Cryogenic Magnetic Probe Station
  2.2.6 Magnetic Field Pulse Test Module
  2.2.7 Customized Magneto-Electrical Test Platform
  2.2.8 Other
  2.2.9 MRAM Probe System MRAM Sales by Product Form
    2.2.9.1 Global MRAM Probe System MRAM Sales Market Share by Product Form (2021-2026)
    2.2.9.2 Global MRAM Probe System MRAM Revenue and Market Share by Product Form (2021-2026)
    2.2.9.3 Global MRAM Probe System MRAM Sale Price by Product Form (2021-2026)
2.3 MRAM Probe System MRAM Segment by Magnetic Field Direction
  2.3.1 In-Plane Uniaxial Magnetic Field System
  2.3.2 Perpendicular Uniaxial Magnetic Field System

+357 96 030922
info@marketpublishers.com

2.3.3 In-Plane Two-Dimensional Vector Magnetic Field System
2.3.4 In-Plane and Perpendicular Two-Dimensional Magnetic Field System
2.3.5 Three-Dimensional Vector Magnetic Field System
2.3.6 Superconducting High-Field System
2.3.7 Other
2.3.8 MRAM Probe System MRAM Sales by Magnetic Field Direction
2.3.8.1 Global MRAM Probe System MRAM Sales Market Share by Magnetic Field Direction (2021-2026)
2.3.8.2 Global MRAM Probe System MRAM Revenue and Market Share by Magnetic Field Direction (2021-2026)
2.3.8.3 Global MRAM Probe System MRAM Sale Price by Magnetic Field Direction (2021-2026)
2.4 MRAM Probe System MRAM Segment by Temperature Environment
2.4.1 Room-Temperature Test System
2.4.2 Heated Temperature-Controlled Test System
2.4.3 Cryogenic Vacuum Test System
2.4.4 Cryogen-Free Cryogenic Test System
2.4.5 Superconducting Magnet Cryogenic Test System
2.4.6 Other
2.4.7 MRAM Probe System MRAM Sales by Temperature Environment
2.4.7.1 Global MRAM Probe System MRAM Sales Market Share by Temperature Environment (2021-2026)
2.4.7.2 Global MRAM Probe System MRAM Revenue and Market Share by Temperature Environment (2021-2026)
2.4.7.3 Global MRAM Probe System MRAM Sale Price by Temperature Environment (2021-2026)
2.5 MRAM Probe System MRAM Segment by Application
2.5.1 MRAM Material Stack R&D
2.5.2 MTJ Cell Device Characterization
2.5.3 MRAM Array Wafer Testing
2.5.4 Embedded MRAM Chip Testing
2.5.5 MRAM Package Reliability Testing
2.5.6 Magnetic Sensor Testing
2.5.7 Spintronic Device Research
2.5.8 Other
2.5.9 MRAM Probe System MRAM Sales by Application
2.5.9.1 Global MRAM Probe System MRAM Sale Market Share by Application (2021-2026)
2.5.9.2 Global MRAM Probe System MRAM Revenue and Market Share by

+357 96 030922
info@marketpublishers.com

Application (2021-2026)
2.5.9.3 Global MRAM Probe System MRAM Sale Price by Application (2021-2026)

3 GLOBAL BY COMPANY

3.1 Global MRAM Probe System MRAM Breakdown Data by Company
3.1.1 Global MRAM Probe System MRAM Annual Sales by Company (2021-2026)
3.1.2 Global MRAM Probe System MRAM Sales Market Share by Company (2021-2026)
3.2 Global MRAM Probe System MRAM Annual Revenue by Company (2021-2026)
3.2.1 Global MRAM Probe System MRAM Revenue by Company (2021-2026)
3.2.2 Global MRAM Probe System MRAM Revenue Market Share by Company (2021-2026)
3.3 Global MRAM Probe System MRAM Sale Price by Company
3.4 Key Manufacturers MRAM Probe System MRAM Producing Area Distribution, Sales Area, Product Type
3.4.1 Key Manufacturers MRAM Probe System MRAM Product Location Distribution
3.4.2 Players MRAM Probe System MRAM Products Offered
3.5 Market Concentration Rate Analysis
3.5.1 Competition Landscape Analysis
3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)
3.6 New Products and Potential Entrants
3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR MRAM PROBE SYSTEM MRAM BY GEOGRAPHIC REGION

4.1 World Historic MRAM Probe System MRAM Market Size by Geographic Region (2021-2026)
4.1.1 Global MRAM Probe System MRAM Annual Sales by Geographic Region (2021-2026)
4.1.2 Global MRAM Probe System MRAM Annual Revenue by Geographic Region (2021-2026)
4.2 World Historic MRAM Probe System MRAM Market Size by Country/Region (2021-2026)
4.2.1 Global MRAM Probe System MRAM Annual Sales by Country/Region (2021-2026)
4.2.2 Global MRAM Probe System MRAM Annual Revenue by Country/Region (2021-2026)

+357 96 030922
info@marketpublishers.com

4.3 Americas MRAM Probe System MRAM Sales Growth
4.4 APAC MRAM Probe System MRAM Sales Growth
4.5 Europe MRAM Probe System MRAM Sales Growth
4.6 Middle East & Africa MRAM Probe System MRAM Sales Growth

5 AMERICAS

5.1 Americas MRAM Probe System MRAM Sales by Country
  5.1.1 Americas MRAM Probe System MRAM Sales by Country (2021-2026)
  5.1.2 Americas MRAM Probe System MRAM Revenue by Country (2021-2026)
5.2 Americas MRAM Probe System MRAM Sales by Product Form (2021-2026)
5.3 Americas MRAM Probe System MRAM Sales by Application (2021-2026)
5.4 United States
5.5 Canada
5.6 Mexico
5.7 Brazil

6 APAC

6.1 APAC MRAM Probe System MRAM Sales by Region
  6.1.1 APAC MRAM Probe System MRAM Sales by Region (2021-2026)
  6.1.2 APAC MRAM Probe System MRAM Revenue by Region (2021-2026)
6.2 APAC MRAM Probe System MRAM Sales by Product Form (2021-2026)
6.3 APAC MRAM Probe System MRAM Sales by Application (2021-2026)
6.4 China
6.5 Japan
6.6 South Korea
6.7 Southeast Asia
6.8 India
6.9 Australia
6.10 China Taiwan

7 EUROPE

7.1 Europe MRAM Probe System MRAM by Country
  7.1.1 Europe MRAM Probe System MRAM Sales by Country (2021-2026)
  7.1.2 Europe MRAM Probe System MRAM Revenue by Country (2021-2026)
7.2 Europe MRAM Probe System MRAM Sales by Product Form (2021-2026)
7.3 Europe MRAM Probe System MRAM Sales by Application (2021-2026)

+357 96 030922
info@marketpublishers.com

7.4 Germany
7.5 France
7.6 UK
7.7 Italy
7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa MRAM Probe System MRAM by Country
  8.1.1 Middle East & Africa MRAM Probe System MRAM Sales by Country (2021-2026)
  8.1.2 Middle East & Africa MRAM Probe System MRAM Revenue by Country (2021-2026)
8.2 Middle East & Africa MRAM Probe System MRAM Sales by Product Form (2021-2026)
8.3 Middle East & Africa MRAM Probe System MRAM Sales by Application (2021-2026)
8.4 Egypt
8.5 South Africa
8.6 Israel
8.7 Turkey
8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities
9.2 Market Challenges & Risks
9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers
10.2 Manufacturing Cost Structure Analysis of MRAM Probe System MRAM
10.3 Manufacturing Process Analysis of MRAM Probe System MRAM
10.4 Industry Chain Structure of MRAM Probe System MRAM

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel
  11.1.1 Direct Channels
  11.1.2 Indirect Channels

+357 96 030922
info@marketpublishers.com

11.2 MRAM Probe System MRAM Distributors
11.3 MRAM Probe System MRAM Customer

12 WORLD FORECAST REVIEW FOR MRAM PROBE SYSTEM MRAM BY GEOGRAPHIC REGION

12.1 Global MRAM Probe System MRAM Market Size Forecast by Region
  12.1.1 Global MRAM Probe System MRAM Forecast by Region (2027-2032)
  12.1.2 Global MRAM Probe System MRAM Annual Revenue Forecast by Region (2027-2032)
12.2 Americas Forecast by Country (2027-2032)
12.3 APAC Forecast by Region (2027-2032)
12.4 Europe Forecast by Country (2027-2032)
12.5 Middle East & Africa Forecast by Country (2027-2032)
12.6 Global MRAM Probe System MRAM Forecast by Product Form (2027-2032)
12.7 Global MRAM Probe System MRAM Forecast by Application (2027-2032)

13 KEY PLAYERS ANALYSIS

13.1 Mycronic AB
  13.1.1 Mycronic AB Company Information
  13.1.2 Mycronic AB MRAM Probe System MRAM Product Portfolios and Specifications
  13.1.3 Mycronic AB MRAM Probe System MRAM Sales, Revenue, Price and Gross Margin (2021-2026)
  13.1.4 Mycronic AB Main Business Overview
  13.1.5 Mycronic AB Latest Developments
13.2 Integral Solutions International
  13.2.1 Integral Solutions International Company Information
  13.2.2 Integral Solutions International MRAM Probe System MRAM Product Portfolios and Specifications
  13.2.3 Integral Solutions International MRAM Probe System MRAM Sales, Revenue, Price and Gross Margin (2021-2026)
  13.2.4 Integral Solutions International Main Business Overview
  13.2.5 Integral Solutions International Latest Developments
13.3 OHT Inc.
  13.3.1 OHT Inc. Company Information
  13.3.2 OHT Inc. MRAM Probe System MRAM Product Portfolios and Specifications
  13.3.3 OHT Inc. MRAM Probe System MRAM Sales, Revenue, Price and Gross

+357 96 030922
info@marketpublishers.com

Margin (2021-2026)
13.3.4 OHT Inc. Main Business Overview
13.3.5 OHT Inc. Latest Developments
13.4 Toei Scientific Industrial Co., Ltd.
13.4.1 Toei Scientific Industrial Co., Ltd. Company Information
13.4.2 Toei Scientific Industrial Co., Ltd. MRAM Probe System MRAM Product Portfolios and Specifications
13.4.3 Toei Scientific Industrial Co., Ltd. MRAM Probe System MRAM Sales, Revenue, Price and Gross Margin (2021-2026)
13.4.4 Toei Scientific Industrial Co., Ltd. Main Business Overview
13.4.5 Toei Scientific Industrial Co., Ltd. Latest Developments
13.5 MicroXact, Inc.
13.5.1 MicroXact, Inc. Company Information
13.5.2 MicroXact, Inc. MRAM Probe System MRAM Product Portfolios and Specifications
13.5.3 MicroXact, Inc. MRAM Probe System MRAM Sales, Revenue, Price and Gross Margin (2021-2026)
13.5.4 MicroXact, Inc. Main Business Overview
13.5.5 MicroXact, Inc. Latest Developments
13.6 Lake Shore Cryotronics, Inc.
13.6.1 Lake Shore Cryotronics, Inc. Company Information
13.6.2 Lake Shore Cryotronics, Inc. MRAM Probe System MRAM Product Portfolios and Specifications
13.6.3 Lake Shore Cryotronics, Inc. MRAM Probe System MRAM Sales, Revenue, Price and Gross Margin (2021-2026)
13.6.4 Lake Shore Cryotronics, Inc. Main Business Overview
13.6.5 Lake Shore Cryotronics, Inc. Latest Developments
13.7 Advanced Research Systems, Inc.
13.7.1 Advanced Research Systems, Inc. Company Information
13.7.2 Advanced Research Systems, Inc. MRAM Probe System MRAM Product Portfolios and Specifications
13.7.3 Advanced Research Systems, Inc. MRAM Probe System MRAM Sales, Revenue, Price and Gross Margin (2021-2026)
13.7.4 Advanced Research Systems, Inc. Main Business Overview
13.7.5 Advanced Research Systems, Inc. Latest Developments
13.8 SemiProbe, Inc.
13.8.1 SemiProbe, Inc. Company Information
13.8.2 SemiProbe, Inc. MRAM Probe System MRAM Product Portfolios and Specifications

+357 96 030922
info@marketpublishers.com

13.8.3 SemiProbe, Inc. MRAM Probe System MRAM Sales, Revenue, Price and Gross Margin (2021-2026)
13.8.4 SemiProbe, Inc. Main Business Overview
13.8.5 SemiProbe, Inc. Latest Developments
13.9 Xiamen Dexing Magnet Tech. Co., Ltd.
13.9.1 Xiamen Dexing Magnet Tech. Co., Ltd. Company Information
13.9.2 Xiamen Dexing Magnet Tech. Co., Ltd. MRAM Probe System MRAM Product Portfolios and Specifications
13.9.3 Xiamen Dexing Magnet Tech. Co., Ltd. MRAM Probe System MRAM Sales, Revenue, Price and Gross Margin (2021-2026)
13.9.4 Xiamen Dexing Magnet Tech. Co., Ltd. Main Business Overview
13.9.5 Xiamen Dexing Magnet Tech. Co., Ltd. Latest Developments
13.10 Truth Instruments Co., Ltd.
13.10.1 Truth Instruments Co., Ltd. Company Information
13.10.2 Truth Instruments Co., Ltd. MRAM Probe System MRAM Product Portfolios and Specifications
13.10.3 Truth Instruments Co., Ltd. MRAM Probe System MRAM Sales, Revenue, Price and Gross Margin (2021-2026)
13.10.4 Truth Instruments Co., Ltd. Main Business Overview
13.10.5 Truth Instruments Co., Ltd. Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

Table 1. MRAM Probe System MRAM Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & ($ millions)
Table 2. MRAM Probe System MRAM Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & ($ millions)
Table 3. Major Players of MRAM-Specific Automated Test Equipment
Table 4. Major Players of Magnetic Test Head
Table 5. Major Players of Manual Magnetic Probe Station
Table 6. Major Players of Semi-Automatic Magnetic Probe Station
Table 7. Major Players of Cryogenic Magnetic Probe Station
Table 8. Major Players of Magnetic Field Pulse Test Module
Table 9. Major Players of Customized Magneto-Electrical Test Platform
Table 10. Major Players of Other
Table 11. Global MRAM Probe System MRAM Sales by Product Form (2021-2026) & (Units)
Table 12. Global MRAM Probe System MRAM Sales Market Share by Product Form (2021-2026)
Table 13. Global MRAM Probe System MRAM Revenue by Product Form (2021-2026) & ($ million)
Table 14. Global MRAM Probe System MRAM Revenue Market Share by Product Form (2021-2026)
Table 15. Global MRAM Probe System MRAM Sale Price by Product Form (2021-2026) & (US$/Unit)
Table 16. Major Players of In-Plane Uniaxial Magnetic Field System
Table 17. Major Players of Perpendicular Uniaxial Magnetic Field System
Table 18. Major Players of In-Plane Two-Dimensional Vector Magnetic Field System
Table 19. Major Players of In-Plane and Perpendicular Two-Dimensional Magnetic Field System
Table 20. Major Players of Three-Dimensional Vector Magnetic Field System
Table 21. Major Players of Superconducting High-Field System
Table 22. Major Players of Other
Table 23. Global MRAM Probe System MRAM Sales by Magnetic Field Direction (2021-2026) & (Units)
Table 24. Global MRAM Probe System MRAM Sales Market Share by Magnetic Field Direction (2021-2026)
Table 25. Global MRAM Probe System MRAM Revenue by Magnetic Field Direction

+357 96 030922
info@marketpublishers.com

(2021-2026) & ($ million)
Table 26. Global MRAM Probe System MRAM Revenue Market Share by Magnetic Field Direction (2021-2026)
Table 27. Global MRAM Probe System MRAM Sale Price by Magnetic Field Direction (2021-2026) & (US$/Unit)
Table 28. Major Players of Room-Temperature Test System
Table 29. Major Players of Heated Temperature-Controlled Test System
Table 30. Major Players of Cryogenic Vacuum Test System
Table 31. Major Players of Cryogen-Free Cryogenic Test System
Table 32. Major Players of Superconducting Magnet Cryogenic Test System
Table 33. Major Players of Other
Table 34. Global MRAM Probe System MRAM Sales by Temperature Environment (2021-2026) & (Units)
Table 35. Global MRAM Probe System MRAM Sales Market Share by Temperature Environment (2021-2026)
Table 36. Global MRAM Probe System MRAM Revenue by Temperature Environment (2021-2026) & ($ million)
Table 37. Global MRAM Probe System MRAM Revenue Market Share by Temperature Environment (2021-2026)
Table 38. Global MRAM Probe System MRAM Sale Price by Temperature Environment (2021-2026) & (US$/Unit)
Table 39. Global MRAM Probe System MRAM Sale by Application (2021-2026) & (Units)
Table 40. Global MRAM Probe System MRAM Sale Market Share by Application (2021-2026)
Table 41. Global MRAM Probe System MRAM Revenue by Application (2021-2026) & ($ million)
Table 42. Global MRAM Probe System MRAM Revenue Market Share by Application (2021-2026)
Table 43. Global MRAM Probe System MRAM Sale Price by Application (2021-2026) & (US$/Unit)
Table 44. Global MRAM Probe System MRAM Sales by Company (2021-2026) & (Units)
Table 45. Global MRAM Probe System MRAM Sales Market Share by Company (2021-2026)
Table 46. Global MRAM Probe System MRAM Revenue by Company (2021-2026) & ($ millions)
Table 47. Global MRAM Probe System MRAM Revenue Market Share by Company (2021-2026)

+357 96 030922
info@marketpublishers.com

Table 48. Global MRAM Probe System MRAM Sale Price by Company (2021-2026) & (US$/Unit)
Table 49. Key Manufacturers MRAM Probe System MRAM Producing Area Distribution and Sales Area
Table 50. Players MRAM Probe System MRAM Products Offered
Table 51. MRAM Probe System MRAM Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)
Table 52. New Products and Potential Entrants
Table 53. Market M&A Activity & Strategy
Table 54. Global MRAM Probe System MRAM Sales by Geographic Region (2021-2026) & (Units)
Table 55. Global MRAM Probe System MRAM Sales Market Share Geographic Region (2021-2026)
Table 56. Global MRAM Probe System MRAM Revenue by Geographic Region (2021-2026) & ($ millions)
Table 57. Global MRAM Probe System MRAM Revenue Market Share by Geographic Region (2021-2026)
Table 58. Global MRAM Probe System MRAM Sales by Country/Region (2021-2026) & (Units)
Table 59. Global MRAM Probe System MRAM Sales Market Share by Country/Region (2021-2026)
Table 60. Global MRAM Probe System MRAM Revenue by Country/Region (2021-2026) & ($ millions)
Table 61. Global MRAM Probe System MRAM Revenue Market Share by Country/Region (2021-2026)
Table 62. Americas MRAM Probe System MRAM Sales by Country (2021-2026) & (Units)
Table 63. Americas MRAM Probe System MRAM Sales Market Share by Country (2021-2026)
Table 64. Americas MRAM Probe System MRAM Revenue by Country (2021-2026) & ($ millions)
Table 65. Americas MRAM Probe System MRAM Sales by Product Form (2021-2026) & (Units)
Table 66. Americas MRAM Probe System MRAM Sales by Application (2021-2026) & (Units)
Table 67. APAC MRAM Probe System MRAM Sales by Region (2021-2026) & (Units)
Table 68. APAC MRAM Probe System MRAM Sales Market Share by Region (2021-2026)
Table 69. APAC MRAM Probe System MRAM Revenue by Region (2021-2026) & ($

+357 96 030922
info@marketpublishers.com

millions)
Table 70. APAC MRAM Probe System MRAM Sales by Product Form (2021-2026) & (Units)
Table 71. APAC MRAM Probe System MRAM Sales by Application (2021-2026) & (Units)
Table 72. Europe MRAM Probe System MRAM Sales by Country (2021-2026) & (Units)
Table 73. Europe MRAM Probe System MRAM Revenue by Country (2021-2026) & ($ millions)
Table 74. Europe MRAM Probe System MRAM Sales by Product Form (2021-2026) & (Units)
Table 75. Europe MRAM Probe System MRAM Sales by Application (2021-2026) & (Units)
Table 76. Middle East & Africa MRAM Probe System MRAM Sales by Country (2021-2026) & (Units)
Table 77. Middle East & Africa MRAM Probe System MRAM Revenue Market Share by Country (2021-2026)
Table 78. Middle East & Africa MRAM Probe System MRAM Sales by Product Form (2021-2026) & (Units)
Table 79. Middle East & Africa MRAM Probe System MRAM Sales by Application (2021-2026) & (Units)
Table 80. Key Market Drivers & Growth Opportunities of MRAM Probe System MRAM
Table 81. Key Market Challenges & Risks of MRAM Probe System MRAM
Table 82. Key Industry Trends of MRAM Probe System MRAM
Table 83. MRAM Probe System MRAM Raw Material
Table 84. Key Suppliers of Raw Materials
Table 85. MRAM Probe System MRAM Distributors List
Table 86. MRAM Probe System MRAM Customer List
Table 87. Global MRAM Probe System MRAM Sales Forecast by Region (2027-2032) & (Units)
Table 88. Global MRAM Probe System MRAM Revenue Forecast by Region (2027-2032) & ($ millions)
Table 89. Americas MRAM Probe System MRAM Sales Forecast by Country (2027-2032) & (Units)
Table 90. Americas MRAM Probe System MRAM Annual Revenue Forecast by Country (2027-2032) & ($ millions)
Table 91. APAC MRAM Probe System MRAM Sales Forecast by Region (2027-2032) & (Units)
Table 92. APAC MRAM Probe System MRAM Annual Revenue Forecast by Region (2027-2032) & ($ millions)

+357 96 030922
info@marketpublishers.com

Table 93. Europe MRAM Probe System MRAM Sales Forecast by Country (2027-2032) & (Units)
Table 94. Europe MRAM Probe System MRAM Revenue Forecast by Country (2027-2032) & ($ millions)
Table 95. Middle East & Africa MRAM Probe System MRAM Sales Forecast by Country (2027-2032) & (Units)
Table 96. Middle East & Africa MRAM Probe System MRAM Revenue Forecast by Country (2027-2032) & ($ millions)
Table 97. Global MRAM Probe System MRAM Sales Forecast by Product Form (2027-2032) & (Units)
Table 98. Global MRAM Probe System MRAM Revenue Forecast by Product Form (2027-2032) & ($ millions)
Table 99. Global MRAM Probe System MRAM Sales Forecast by Application (2027-2032) & (Units)
Table 100. Global MRAM Probe System MRAM Revenue Forecast by Application (2027-2032) & ($ millions)
Table 101. Mycronic AB Basic Information, MRAM Probe System MRAM Manufacturing Base, Sales Area and Its Competitors
Table 102. Mycronic AB MRAM Probe System MRAM Product Portfolios and Specifications
Table 103. Mycronic AB MRAM Probe System MRAM Sales (Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 104. Mycronic AB Main Business
Table 105. Mycronic AB Latest Developments
Table 106. Integral Solutions International Basic Information, MRAM Probe System MRAM Manufacturing Base, Sales Area and Its Competitors
Table 107. Integral Solutions International MRAM Probe System MRAM Product Portfolios and Specifications
Table 108. Integral Solutions International MRAM Probe System MRAM Sales (Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 109. Integral Solutions International Main Business
Table 110. Integral Solutions International Latest Developments
Table 111. OHT Inc. Basic Information, MRAM Probe System MRAM Manufacturing Base, Sales Area and Its Competitors
Table 112. OHT Inc. MRAM Probe System MRAM Product Portfolios and Specifications
Table 113. OHT Inc. MRAM Probe System MRAM Sales (Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 114. OHT Inc. Main Business
Table 115. OHT Inc. Latest Developments

+357 96 030922
info@marketpublishers.com

Table 116. Toei Scientific Industrial Co., Ltd. Basic Information, MRAM Probe System MRAM Manufacturing Base, Sales Area and Its Competitors
Table 117. Toei Scientific Industrial Co., Ltd. MRAM Probe System MRAM Product Portfolios and Specifications
Table 118. Toei Scientific Industrial Co., Ltd. MRAM Probe System MRAM Sales (Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 119. Toei Scientific Industrial Co., Ltd. Main Business
Table 120. Toei Scientific Industrial Co., Ltd. Latest Developments
Table 121. MicroXact, Inc. Basic Information, MRAM Probe System MRAM Manufacturing Base, Sales Area and Its Competitors
Table 122. MicroXact, Inc. MRAM Probe System MRAM Product Portfolios and Specifications
Table 123. MicroXact, Inc. MRAM Probe System MRAM Sales (Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 124. MicroXact, Inc. Main Business
Table 125. MicroXact, Inc. Latest Developments
Table 126. Lake Shore Cryotronics, Inc. Basic Information, MRAM Probe System MRAM Manufacturing Base, Sales Area and Its Competitors
Table 127. Lake Shore Cryotronics, Inc. MRAM Probe System MRAM Product Portfolios and Specifications
Table 128. Lake Shore Cryotronics, Inc. MRAM Probe System MRAM Sales (Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 129. Lake Shore Cryotronics, Inc. Main Business
Table 130. Lake Shore Cryotronics, Inc. Latest Developments
Table 131. Advanced Research Systems, Inc. Basic Information, MRAM Probe System MRAM Manufacturing Base, Sales Area and Its Competitors
Table 132. Advanced Research Systems, Inc. MRAM Probe System MRAM Product Portfolios and Specifications
Table 133. Advanced Research Systems, Inc. MRAM Probe System MRAM Sales (Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 134. Advanced Research Systems, Inc. Main Business
Table 135. Advanced Research Systems, Inc. Latest Developments
Table 136. SemiProbe, Inc. Basic Information, MRAM Probe System MRAM Manufacturing Base, Sales Area and Its Competitors
Table 137. SemiProbe, Inc. MRAM Probe System MRAM Product Portfolios and Specifications
Table 138. SemiProbe, Inc. MRAM Probe System MRAM Sales (Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 139. SemiProbe, Inc. Main Business

+357 96 030922
info@marketpublishers.com

Table 140. SemiProbe, Inc. Latest Developments
Table 141. Xiamen Dexing Magnet Tech. Co., Ltd. Basic Information, MRAM Probe System MRAM Manufacturing Base, Sales Area and Its Competitors
Table 142. Xiamen Dexing Magnet Tech. Co., Ltd. MRAM Probe System MRAM Product Portfolios and Specifications
Table 143. Xiamen Dexing Magnet Tech. Co., Ltd. MRAM Probe System MRAM Sales (Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 144. Xiamen Dexing Magnet Tech. Co., Ltd. Main Business
Table 145. Xiamen Dexing Magnet Tech. Co., Ltd. Latest Developments
Table 146. Truth Instruments Co., Ltd. Basic Information, MRAM Probe System MRAM Manufacturing Base, Sales Area and Its Competitors
Table 147. Truth Instruments Co., Ltd. MRAM Probe System MRAM Product Portfolios and Specifications
Table 148. Truth Instruments Co., Ltd. MRAM Probe System MRAM Sales (Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 149. Truth Instruments Co., Ltd. Main Business
Table 150. Truth Instruments Co., Ltd. Latest Developments

+357 96 030922
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

Figure 1. Picture of MRAM Probe System MRAM
Figure 2. MRAM Probe System MRAM Report Years Considered
Figure 3. Research Objectives
Figure 4. Research Methodology
Figure 5. Research Process and Data Source
Figure 6. Global MRAM Probe System MRAM Sales Growth Rate 2021-2032 (Units)
Figure 7. Global MRAM Probe System MRAM Revenue Growth Rate 2021-2032 ($ millions)
Figure 8. MRAM Probe System MRAM Sales by Geographic Region (2021, 2025 & 2032) & ($ millions)
Figure 9. MRAM Probe System MRAM Sales Market Share by Country/Region (2025)
Figure 10. MRAM Probe System MRAM Sales Market Share by Country/Region (2021, 2025 & 2032)
Figure 11. Product Picture of MRAM-Specific Automated Test Equipment
Figure 12. Product Picture of Magnetic Test Head
Figure 13. Product Picture of Manual Magnetic Probe Station
Figure 14. Product Picture of Semi-Automatic Magnetic Probe Station
Figure 15. Product Picture of Cryogenic Magnetic Probe Station
Figure 16. Product Picture of Magnetic Field Pulse Test Module
Figure 17. Product Picture of Customized Magneto-Electrical Test Platform
Figure 18. Product Picture of Other
Figure 19. Global MRAM Probe System MRAM Sales Market Share by Product Form in 2026
Figure 20. Global MRAM Probe System MRAM Revenue Market Share by Product Form (2021-2026)
Figure 21. Product Picture of In-Plane Uniaxial Magnetic Field System
Figure 22. Product Picture of Perpendicular Uniaxial Magnetic Field System
Figure 23. Product Picture of In-Plane Two-Dimensional Vector Magnetic Field System
Figure 24. Product Picture of In-Plane and Perpendicular Two-Dimensional Magnetic Field System
Figure 25. Product Picture of Three-Dimensional Vector Magnetic Field System
Figure 26. Product Picture of Superconducting High-Field System
Figure 27. Product Picture of Other
Figure 28. Global MRAM Probe System MRAM Sales Market Share by Magnetic Field Direction in 2026

+357 96 030922
info@marketpublishers.com

Figure 29. Global MRAM Probe System MRAM Revenue Market Share by Magnetic Field Direction (2021-2026)
Figure 30. Product Picture of Room-Temperature Test System
Figure 31. Product Picture of Heated Temperature-Controlled Test System
Figure 32. Product Picture of Cryogenic Vacuum Test System
Figure 33. Product Picture of Cryogen-Free Cryogenic Test System
Figure 34. Product Picture of Superconducting Magnet Cryogenic Test System
Figure 35. Product Picture of Other
Figure 36. Global MRAM Probe System MRAM Sales Market Share by Temperature Environment in 2026
Figure 37. Global MRAM Probe System MRAM Revenue Market Share by Temperature Environment (2021-2026)
Figure 38. MRAM Probe System MRAM Consumed in MRAM Material Stack R&D
Figure 39. Global MRAM Probe System MRAM Market: MRAM Material Stack R&D (2021-2026) & (Units)
Figure 40. MRAM Probe System MRAM Consumed in MTJ Cell Device Characterization
Figure 41. Global MRAM Probe System MRAM Market: MTJ Cell Device Characterization (2021-2026) & (Units)
Figure 42. MRAM Probe System MRAM Consumed in MRAM Array Wafer Testing
Figure 43. Global MRAM Probe System MRAM Market: MRAM Array Wafer Testing (2021-2026) & (Units)
Figure 44. MRAM Probe System MRAM Consumed in Embedded MRAM Chip Testing
Figure 45. Global MRAM Probe System MRAM Market: Embedded MRAM Chip Testing (2021-2026) & (Units)
Figure 46. MRAM Probe System MRAM Consumed in MRAM Package Reliability Testing
Figure 47. Global MRAM Probe System MRAM Market: MRAM Package Reliability Testing (2021-2026) & (Units)
Figure 48. MRAM Probe System MRAM Consumed in Magnetic Sensor Testing
Figure 49. Global MRAM Probe System MRAM Market: Magnetic Sensor Testing (2021-2026) & (Units)
Figure 50. MRAM Probe System MRAM Consumed in Spintronic Device Research
Figure 51. Global MRAM Probe System MRAM Market: Spintronic Device Research (2021-2026) & (Units)
Figure 52. MRAM Probe System MRAM Consumed in Other
Figure 53. Global MRAM Probe System MRAM Market: Other (2021-2026) & (Units)
Figure 54. Global MRAM Probe System MRAM Sale Market Share by Application (2025)

+357 96 030922
info@marketpublishers.com

Figure 55. Global MRAM Probe System MRAM Revenue Market Share by Application in 2025
Figure 56. MRAM Probe System MRAM Sales by Company in 2025 (Units)
Figure 57. Global MRAM Probe System MRAM Sales Market Share by Company in 2025
Figure 58. MRAM Probe System MRAM Revenue by Company in 2025 ($ millions)
Figure 59. Global MRAM Probe System MRAM Revenue Market Share by Company in 2025
Figure 60. Global MRAM Probe System MRAM Sales Market Share by Geographic Region (2021-2026)
Figure 61. Global MRAM Probe System MRAM Revenue Market Share by Geographic Region in 2025
Figure 62. Americas MRAM Probe System MRAM Sales 2021-2026 (Units)
Figure 63. Americas MRAM Probe System MRAM Revenue 2021-2026 ($ millions)
Figure 64. APAC MRAM Probe System MRAM Sales 2021-2026 (Units)
Figure 65. APAC MRAM Probe System MRAM Revenue 2021-2026 ($ millions)
Figure 66. Europe MRAM Probe System MRAM Sales 2021-2026 (Units)
Figure 67. Europe MRAM Probe System MRAM Revenue 2021-2026 ($ millions)
Figure 68. Middle East & Africa MRAM Probe System MRAM Sales 2021-2026 (Units)
Figure 69. Middle East & Africa MRAM Probe System MRAM Revenue 2021-2026 ($ millions)
Figure 70. Americas MRAM Probe System MRAM Sales Market Share by Country in 2025
Figure 71. Americas MRAM Probe System MRAM Revenue Market Share by Country (2021-2026)
Figure 72. Americas MRAM Probe System MRAM Sales Market Share by Product Form (2021-2026)
Figure 73. Americas MRAM Probe System MRAM Sales Market Share by Application (2021-2026)
Figure 74. United States MRAM Probe System MRAM Revenue Growth 2021-2026 ($ millions)
Figure 75. Canada MRAM Probe System MRAM Revenue Growth 2021-2026 ($ millions)
Figure 76. Mexico MRAM Probe System MRAM Revenue Growth 2021-2026 ($ millions)
Figure 77. Brazil MRAM Probe System MRAM Revenue Growth 2021-2026 ($ millions)
Figure 78. APAC MRAM Probe System MRAM Sales Market Share by Region in 2025
Figure 79. APAC MRAM Probe System MRAM Revenue Market Share by Region (2021-2026)

+357 96 030922
info@marketpublishers.com

Figure 80. APAC MRAM Probe System MRAM Sales Market Share by Product Form (2021-2026)
Figure 81. APAC MRAM Probe System MRAM Sales Market Share by Application (2021-2026)
Figure 82. China MRAM Probe System MRAM Revenue Growth 2021-2026 ($ millions)
Figure 83. Japan MRAM Probe System MRAM Revenue Growth 2021-2026 ($ millions)
Figure 84. South Korea MRAM Probe System MRAM Revenue Growth 2021-2026 ($ millions)
Figure 85. Southeast Asia MRAM Probe System MRAM Revenue Growth 2021-2026 ($ millions)
Figure 86. India MRAM Probe System MRAM Revenue Growth 2021-2026 ($ millions)
Figure 87. Australia MRAM Probe System MRAM Revenue Growth 2021-2026 ($ millions)
Figure 88. China Taiwan MRAM Probe System MRAM Revenue Growth 2021-2026 ($ millions)
Figure 89. Europe MRAM Probe System MRAM Sales Market Share by Country in 2025
Figure 90. Europe MRAM Probe System MRAM Revenue Market Share by Country (2021-2026)
Figure 91. Europe MRAM Probe System MRAM Sales Market Share by Product Form (2021-2026)
Figure 92. Europe MRAM Probe System MRAM Sales Market Share by Application (2021-2026)
Figure 93. Germany MRAM Probe System MRAM Revenue Growth 2021-2026 ($ millions)
Figure 94. France MRAM Probe System MRAM Revenue Growth 2021-2026 ($ millions)
Figure 95. UK MRAM Probe System MRAM Revenue Growth 2021-2026 ($ millions)
Figure 96. Italy MRAM Probe System MRAM Revenue Growth 2021-2026 ($ millions)
Figure 97. Russia MRAM Probe System MRAM Revenue Growth 2021-2026 ($ millions)
Figure 98. Middle East & Africa MRAM Probe System MRAM Sales Market Share by Country (2021-2026)
Figure 99. Middle East & Africa MRAM Probe System MRAM Sales Market Share by Product Form (2021-2026)
Figure 100. Middle East & Africa MRAM Probe System MRAM Sales Market Share by Application (2021-2026)
Figure 101. Egypt MRAM Probe System MRAM Revenue Growth 2021-2026 ($ millions)
Figure 102. South Africa MRAM Probe System MRAM Revenue Growth 2021-2026 ($

+357 96 030922
info@marketpublishers.com

millions)
Figure 103. Israel MRAM Probe System MRAM Revenue Growth 2021-2026 ($ millions)
Figure 104. Turkey MRAM Probe System MRAM Revenue Growth 2021-2026 ($ millions)
Figure 105. GCC Countries MRAM Probe System MRAM Revenue Growth 2021-2026 ($ millions)
Figure 106. Manufacturing Cost Structure Analysis of MRAM Probe System MRAM in 2026
Figure 107. Manufacturing Process Analysis of MRAM Probe System MRAM
Figure 108. Industry Chain Structure of MRAM Probe System MRAM
Figure 109. Channels of Distribution
Figure 110. Global MRAM Probe System MRAM Sales Market Forecast by Region (2027-2032)
Figure 111. Global MRAM Probe System MRAM Revenue Market Share Forecast by Region (2027-2032)
Figure 112. Global MRAM Probe System MRAM Sales Market Share Forecast by Product Form (2027-2032)
Figure 113. Global MRAM Probe System MRAM Revenue Market Share Forecast by Product Form (2027-2032)
Figure 114. Global MRAM Probe System MRAM Sales Market Share Forecast by Application (2027-2032)
Figure 115. Global MRAM Probe System MRAM Revenue Market Share Forecast by Application (2027-2032)

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Global MRAM Probe System MRAM Market Growth 2026-2032
Product link: https://marketpublishers.com/r/GF159362405AEN.html
Price: US$ 3,660.00 (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 https://marketpublishers.com/r/GF159362405AEN.html