

Global FeRAM Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

<https://marketpublishers.com/r/G2E3D68B399EN.html>

Date: February 2025

Pages: 79

Price: US\$ 3,480.00 (Single User License)

ID: G2E3D68B399EN

Abstracts

According to our (Global Info Research) latest study, the global FeRAM market size was valued at US\$ 1378 million in 2024 and is forecast to a readjusted size of USD 2408 million by 2031 with a CAGR of 8.4% during review period.

Ferroelectric random access memory (FeRAM) is a nonvolatile memory, in which data are stored using hysteretic P-E (polarization vs. electric field) characteristics in a ferroelectric film. Ferroelectric random access memories (FeRAMs) are widely used in IC (integrated circuits) cards and RF (radio frequency) tags. Their features are (1) nonvolatile data storage (The stored data do not disappear even if electricity is turned off.), (2) the lowest power consumption among various semi-conductor memories, and (3) the operation speed as fast as that of DRAMs (dynamic RAMs).

Global core lithium-ion battery conductive agent manufacturers include Fujitsu, Cypress and ROHM etc. The top 1 company hold a share about 57%. Japan is the largest market, with a share about 90%.

This report is a detailed and comprehensive analysis for global FeRAM market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Memory Size and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global FeRAM market size and forecasts, in consumption value (\$ Million), sales quantity (M Units), and average selling prices (USD/Unit), 2020-2031

Global FeRAM market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (M Units), and average selling prices (USD/Unit), 2020-2031

Global FeRAM market size and forecasts, by Memory Size and by Application, in consumption value (\$ Million), sales quantity (M Units), and average selling prices (USD/Unit), 2020-2031

Global FeRAM market shares of main players, shipments in revenue (\$ Million), sales quantity (M Units), and ASP (USD/Unit), 2020-2025

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for FeRAM

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global FeRAM market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Fujitsu, Infineon, ROHM, Texas Instruments, Symetrix, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

FeRAM market is split by Memory Size and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Memory Size, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Memory Size

4K to128K

256K to 2M

Above 2M

Market segment by Application

Automotive

Test and Measurement Equipment

Industrial Automation

Medical

Telecommunication

Consumer Electronics

Others

Major players covered

Fujitsu

Infineon

ROHM

Texas Instruments

Symetrix

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe FeRAM product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of FeRAM, with price, sales quantity, revenue, and global market share of FeRAM from 2020 to 2025.

Chapter 3, the FeRAM competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the FeRAM breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Memory Size and by Application, with sales market share and growth rate by Memory Size, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and FeRAM market forecast, by regions, by Memory Size, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of FeRAM.

Chapter 14 and 15, to describe FeRAM sales channel, distributors, customers, research

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