

Global Static RAM Market Size study & Forecast, by Product (Quad data rate (QDR), double data rate (DDR), asynchronous SRAM, PSRAM, and VSRAM), by Application (Computers/IT, Communication, Automotive, Consumer electronics, Other), and Regional Analysis, 2022-2029

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Abstracts

Global Static RAM Market is valued at approximately USD XX billion in 2021 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2022-2029. A memory system that helps with the static storing of data is known as a static random-access memory. It uses two cross-coupled inverters to store a little amount of data on four transistors. Major driving factors for the market are growing sales of smartphones which has major application of static RAM for data storage. Along with this, the adoption of static RAM is increasing in life science and growing life science industry is rising the sales of the market over the forecasted period.

According to Statista, in 2021, the sales of smartphones worldwide were 14.02 billion which is predicted to increase to 18.22 billion in 2025 which is increasing the sales of static RAM, as these RAMs are installed in mobile phones. Furthermore, in 2017, the investment by VC in life science industry was USD 17.9 billion which increased to USD 36.1 billion in 2020. Moreover, in the projection period of 2021 to 2029, technological developments, increased infrastructure, and the usage of mobile phones provide lucrative prospects to market participants. However, high cost associated with the development of static RAM is restraining the market growth over the forecasted period.

The key regions considered for the Global Static RAM Market study include Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America is

holding the largest share over the forecasted period. Factors such as presence of key market players in the region and the region being technologically advanced are propelling the use of static RAM over the forecasted period. Along with this, Asia-Pacific is growing with the fastest CAGR over the forecasted period. The factors which are propelling the growth of the market are, the emergence of the high computational consumer has been fueled by the rising popularity of smartphones and the demand for newer memory technologies, providing SRAM with a number of opportunities in this industry.

Major market players included in this report are:

Cypress
Renesas Electronics Corporation
Samsung
Toshiba
ON Semiconductor
Amic Technology
Lyontek
Micron TechnologyUS
Integrated Silicon SolutionsUS
Integrated TechnologyUS

Recent Developments in the Market:

In April 2021, Infineon launched a second-generation non-volatile SRAM which is providing fast access time and helps in retaining memory.

In June 2022, in order to offer 90 nm strategic rad-hard by process solutions for microelectronic devices utilised in harsh environments, SkyWater Technology, the dependable technology realisation partner, announced a new component of its RH90 IP ecosystem. For SkyWater clients creating devices on its growing RH90 platform, Mobile Semiconductor will offer two static random-access memory (SRAM) compilers.

Global Static RAM Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Product, Application, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope Free report customization (equivalent up to 8 analyst's working

hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Product:

- Quad data rate (QDR)
- Double data rate (DDR)
- Asynchronous SRAM
- PSRAM
- VSRAM

By Application:

- Computers/IT
- Communication
- Automotive
- Consumer electronics
- Others

By Region:

- North America
 - U.S.
 - Canada
- Europe
 - UK
 - Germany
 - France
 - Spain
 - Italy
- ROE
- Asia Pacific

China
India
Japan
Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
Rest of the World

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2019-2029 (USD Billion)
 - 1.2.1. Static RAM Market, by Region, 2019-2029 (USD Billion)
 - 1.2.2. Static RAM Market, by Product, 2019-2029 (USD Billion)
 - 1.2.3. Static RAM Market, by Application, 2019-2029 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL STATIC RAM MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Scope of the Study
 - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL STATIC RAM MARKET DYNAMICS

- 3.1. Static RAM Market Impact Analysis (2019-2029)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Increasing sales of smartphones
 - 3.1.1.2. Growing life science analytics
 - 3.1.2. Market Challenges
 - 3.1.2.1. High Cost of Static RAM
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Advancements in static RAM

CHAPTER 4. GLOBAL STATIC RAM MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers
 - 4.1.2. Bargaining Power of Buyers
 - 4.1.3. Threat of New Entrants

- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.2. Futuristic Approach to Porter's 5 Force Model (2019-2029)
- 4.3. PEST Analysis
 - 4.3.1. Political
 - 4.3.2. Economical
 - 4.3.3. Social
 - 4.3.4. Technological
- 4.4. Investment Adoption Model
- 4.5. Analyst Recommendation & Conclusion
- 4.6. Top investment opportunity
- 4.7. Top winning strategies

CHAPTER 5. RISK ASSESSMENT: COVID-19 IMPACT

- 5.1. Assessment of the overall impact of COVID-19 on the industry
- 5.2. Pre COVID-19 and post COVID-19 Market scenario

CHAPTER 6. GLOBAL STATIC RAM MARKET, BY PRODUCT

- 6.1. Market Snapshot
- 6.2. Global Static RAM Market by Product, Performance - Potential Analysis
- 6.3. Global Static RAM Market Estimates & Forecasts by Product, 2019-2029 (USD Billion)
- 6.4. Static RAM Market, Sub Segment Analysis
 - 6.4.1. Quad data rate (QDR)
 - 6.4.2. Double data rate (DDR)
 - 6.4.3. Asynchronous SRAM
 - 6.4.4. PSRAM
 - 6.4.5. VSRAM

CHAPTER 7. GLOBAL STATIC RAM MARKET, BY APPLICATION

- 7.1. Market Snapshot
- 7.2. Global Static RAM Market by Application, Performance - Potential Analysis
- 7.3. Global Static RAM Market Estimates & Forecasts by Application, 2019-2029 (USD Billion)
- 7.4. Static RAM Market, Sub Segment Analysis
 - 7.4.1. Computers/IT

- 7.4.2. Communication
- 7.4.3. Automotive
- 7.4.4. Consumer electronics
- 7.4.5. Others

CHAPTER 8. GLOBAL STATIC RAM MARKET, REGIONAL ANALYSIS

- 8.1. Static RAM Market, Regional Market Snapshot
- 8.2. North America Static RAM Market
 - 8.2.1. U.S. Static RAM Market
 - 8.2.1.1. Product breakdown estimates & forecasts, 2019-2029
 - 8.2.1.2. Application breakdown estimates & forecasts, 2019-2029
 - 8.2.2. Canada Static RAM Market
- 8.3. Europe Static RAM Market Snapshot
 - 8.3.1. U.K. Static RAM Market
 - 8.3.2. Germany Static RAM Market
 - 8.3.3. France Static RAM Market
 - 8.3.4. Spain Static RAM Market
 - 8.3.5. Italy Static RAM Market
 - 8.3.6. Rest of Europe Static RAM Market
- 8.4. Asia-Pacific Static RAM Market Snapshot
 - 8.4.1. China Static RAM Market
 - 8.4.2. India Static RAM Market
 - 8.4.3. Japan Static RAM Market
 - 8.4.4. Australia Static RAM Market
 - 8.4.5. South Korea Static RAM Market
 - 8.4.6. Rest of Asia Pacific Static RAM Market
- 8.5. Latin America Static RAM Market Snapshot
 - 8.5.1. Brazil Static RAM Market
 - 8.5.2. Mexico Static RAM Market
- 8.6. Rest of The World Static RAM Market

CHAPTER 9. COMPETITIVE INTELLIGENCE

- 9.1. Top Market Strategies
- 9.2. Company Profiles
 - 9.2.1. Cypress
 - 9.2.1.1. Key Information
 - 9.2.1.2. Overview

- 9.2.1.3. Financial (Subject to Data Availability)
- 9.2.1.4. Product Summary
- 9.2.1.5. Recent Developments
- 9.2.2. Renesas Electronics Corporation
- 9.2.3. Samsung
- 9.2.4. Toshiba
- 9.2.5. ON Semiconductor
- 9.2.6. Amic Technology
- 9.2.7. Lyontek
- 9.2.8. Micron Technology US
- 9.2.9. Integrated Silicon Solutions US
- 9.2.10. Integrated Technology US

CHAPTER 10. RESEARCH PROCESS

- 10.1. Research Process
 - 10.1.1. Data Mining
 - 10.1.2. Analysis
 - 10.1.3. Market Estimation
 - 10.1.4. Validation
 - 10.1.5. Publishing
- 10.2. Research Attributes
- 10.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global Static RAM Market, report scope

TABLE 2. Global Static RAM Market estimates & forecasts by Region 2019-2029 (USD Billion)

TABLE 3. Global Static RAM Market estimates & forecasts by Product 2019-2029 (USD Billion)

TABLE 4. Global Static RAM Market estimates & forecasts by Application 2019-2029 (USD Billion)

TABLE 5. Global Static RAM Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 6. Global Static RAM Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 7. Global Static RAM Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 8. Global Static RAM Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 9. Global Static RAM Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 10. Global Static RAM Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 11. Global Static RAM Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 12. Global Static RAM Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 13. Global Static RAM Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 14. Global Static RAM Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 15. U.S. Static RAM Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 16. U.S. Static RAM Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 17. U.S. Static RAM Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 18. Canada Static RAM Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 19. Canada Static RAM Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 20. Canada Static RAM Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 21. UK Static RAM Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 22. UK Static RAM Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 23. UK Static RAM Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 24. Germany Static RAM Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 25. Germany Static RAM Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 26. Germany Static RAM Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 27. France Static RAM Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 28. France Static RAM Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 29. France Static RAM Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 30. Italy Static RAM Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 31. Italy Static RAM Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 32. Italy Static RAM Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 33. Spain Static RAM Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 34. Spain Static RAM Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 35. Spain Static RAM Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 36. RoE Static RAM Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 37. RoE Static RAM Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 38. RoE Static RAM Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 39. China Static RAM Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 40. China Static RAM Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 41. China Static RAM Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 42. India Static RAM Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 43. India Static RAM Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 44. India Static RAM Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 45. Japan Static RAM Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 46. Japan Static RAM Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 47. Japan Static RAM Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 48. South Korea Static RAM Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 49. South Korea Static RAM Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 50. South Korea Static RAM Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 51. Australia Static RAM Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 52. Australia Static RAM Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 53. Australia Static RAM Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 54. RoAPAC Static RAM Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 55. RoAPAC Static RAM Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 56. RoAPAC Static RAM Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 57. Brazil Static RAM Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 58. Brazil Static RAM Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 59. Brazil Static RAM Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 60. Mexico Static RAM Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 61. Mexico Static RAM Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 62. Mexico Static RAM Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 63. RoLA Static RAM Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 64. RoLA Static RAM Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 65. RoLA Static RAM Market estimates & forecasts by segment 2019-2029

(USD Billion)

TABLE 66. Row Static RAM Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 67. Row Static RAM Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 68. Row Static RAM Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 69. List of secondary sources, used in the study of global Static RAM Market

TABLE 70. List of primary sources, used in the study of global Static RAM Market

TABLE 71. Years considered for the study

TABLE 72. Exchange rates considered

List of tables and figures and dummy in nature, final lists may vary in the final deliverable

List Of Figures

LIST OF FIGURES

- FIG 1. Global Static RAM Market, research methodology
 - FIG 2. Global Static RAM Market, Market estimation techniques
 - FIG 3. Global Market size estimates & forecast methods
 - FIG 4. Global Static RAM Market, key trends 2021
 - FIG 5. Global Static RAM Market, growth prospects 2022-2029
 - FIG 6. Global Static RAM Market, porters 5 force model
 - FIG 7. Global Static RAM Market, pest analysis
 - FIG 8. Global Static RAM Market, value chain analysis
 - FIG 9. Global Static RAM Market by segment, 2019 & 2029 (USD Billion)
 - FIG 10. Global Static RAM Market by segment, 2019 & 2029 (USD Billion)
 - FIG 11. Global Static RAM Market by segment, 2019 & 2029 (USD Billion)
 - FIG 12. Global Static RAM Market by segment, 2019 & 2029 (USD Billion)
 - FIG 13. Global Static RAM Market by segment, 2019 & 2029 (USD Billion)
 - FIG 14. Global Static RAM Market, regional snapshot 2019 & 2029
 - FIG 15. North America Static RAM Market 2019 & 2029 (USD Billion)
 - FIG 16. Europe Static RAM Market 2019 & 2029 (USD Billion)
 - FIG 17. Asia Pacific Static RAM Market 2019 & 2029 (USD Billion)
 - FIG 18. Latin America Static RAM Market 2019 & 2029 (USD Billion)
 - FIG 19. Global Static RAM Market, company Market share analysis (2021)
- List of tables and figures and dummy in nature, final lists may vary in the final deliverable

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