

# **North America Semiconductor Memory Market By Type (DRAM, Flash ROM, SRAM, MRAM and Others), By End User (Consumer Electronics, Automotive, Telecom & IT, Aerospace & Defense, Medical, Industrial and Others), By Country, Industry Analysis and Forecast, 2020 - 2026**

<https://marketpublishers.com/r/N2FC758EF1F2EN.html>

Date: June 2020

Pages: 106

Price: US\$ 1,500.00 (Single User License)

ID: N2FC758EF1F2EN

## **Abstracts**

The North America Semiconductor Memory Market would witness market growth of 6.8% CAGR during the forecast period (2020-2026).

Semiconductor is extensively used within the aerospace and defense industries and is expected to see a new increase in demand due to the increased space exploration and research expenditures. The semiconductor systems are used among other major applications, for example for power management, RF systems, aerospace, integrated vehicle systems and defense systems. Moreover, the continuously increasing spending on better space exploration and military technology by various government and space agencies is also boosting the demand to improve robust and effective technologies. Semiconductor components can make an impact on the long-term durability of the device in which they are used, resulting in premature failure. Factors influencing long-term durability include high temperatures, metal migration and ionizing radiation. Highly reliable semiconductor components include DC-DC converters, voltage regulators, power transistors, diodes and integrated circuits (ICs). Aerospace & defense is the main end-user market with these components, since devices and equipment used in this field need to be free of all sorts of vulnerabilities.

Evolution in the form of automation and digitization in the entire electronics sector, together with the use of memory-based elements in technologically advanced products in a number of vertical industries, such as automobiles, IT and telecommunications, consumer electronics, etc., are boosting the market growth. The evolving use of

semiconductor components, for example NAND Flash, DRAM, and other in electronic and automotive systems is the main source of demand for integrated gadgets and chips. Automotive frameworks such as automated safety, luxury and control frameworks, which consolidate different storage systems, will enhance the speed and network in the self-regulation and electric vehicle industry. Furthermore, the extensive utilization of cell phones, workstations, smart devices and consumer electronic gadgets around the globe is a sign of the need for exceptionally productive chips.

Based on Type, the market is segmented into DRAM, Flash ROM, SRAM, MRAM and Others. Based on End User, the market is segmented into Consumer Electronics, Automotive, Telecom & IT, Aerospace & Defense, Medical, Industrial and Others. Based on countries, the market is segmented into U.S., Mexico, Canada, and Rest of North America.

The market research report covers the analysis of key stake holders of the market. Key companies profiled in the report include IBM Corporation, Infineon Technologies AG (Cypress Semiconductor Corporation), NXP Semiconductors N.V., Samsung Electronics Co., Ltd. (Samsung Group), Intel Corporation, Fujitsu Limited, Texas Instruments, Inc., Toshiba Corporation (Toshiba Electronic Devices & Storage Corporation), Macronix International Co., Ltd., and Crocus Technology, Inc.

## Scope of the Study

### Market Segmentation:

#### By Type

DRAM

Flash ROM

SRAM

MRAM

Others

#### By End User

Consumer Electronics

Automotive

Telecom & IT

Aerospace & Defense

Medical

Industrial

Others

#### By Country

US

Canada

Mexico

Rest of North America

#### Companies Profiled

IBM Corporation

Infineon Technologies AG (Cypress Semiconductor Corporation)

NXP Semiconductors N.V.

Samsung Electronics Co., Ltd. (Samsung Group)

Intel Corporation

Fujitsu Limited

Texas Instruments, Inc.

Toshiba Corporation (Toshiba Electronic Devices & Storage Corporation)

Macronix International Co., Ltd.

Crocus Technology, Inc.

#### 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 North America Semiconductor Memory Market, by Type
  - 1.4.2 North America Semiconductor Memory Market, by End User
  - 1.4.3 North America Semiconductor Memory Market, by Country
- 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
- 3.3 Top Winning Strategies
  - 3.3.1 Key Leading Strategies: Percentage Distribution (2016-2020)
  - 3.3.2 Key Strategic Move: (Product Launches and Product Expansions : 2016, Nov – 2020, Jun) Leading Players

### CHAPTER 4. NORTH AMERICA SEMICONDUCTOR MEMORY MARKET BY TYPE

- 4.1 North America DRAM Semiconductor Memory Market by Country
- 4.2 North America Flash ROM Semiconductor Memory Market by Country
- 4.3 North America SRAM Semiconductor Memory Market by Country

4.4 North America MRAM Semiconductor Memory Market by Country

4.5 North America Other Type Semiconductor Memory Market by Country

## **CHAPTER 5. NORTH AMERICA SEMICONDUCTOR MEMORY MARKET BY END USER**

5.1 North America Consumer Electronics Semiconductor Memory Market by Country

5.2 North America Automotive Semiconductor Memory Market by Country

5.3 North America Telecom & IT Semiconductor Memory Market by Country

5.4 North America Aerospace & Defense Semiconductor Memory Market by Country

5.5 North America Medical Semiconductor Memory Market by Country

5.6 North America Industrial Semiconductor Memory Market by Country

5.7 North America Others Semiconductor Memory Market by Country

## **CHAPTER 6. NORTH AMERICA SEMICONDUCTOR MEMORY MARKET BY COUNTRY**

6.1 US Semiconductor Memory Market

6.1.1 US Semiconductor Memory Market by Type

6.1.2 US Semiconductor Memory Market by End User

6.2 Canada Semiconductor Memory Market

6.2.1 Canada Semiconductor Memory Market by Type

6.2.2 Canada Semiconductor Memory Market by End User

6.3 Mexico Semiconductor Memory Market

6.3.1 Mexico Semiconductor Memory Market by Type

6.3.2 Mexico Semiconductor Memory Market by End User

6.4 Rest of North America Semiconductor Memory Market

6.4.1 Rest of North America Semiconductor Memory Market by Type

6.4.2 Rest of North America Semiconductor Memory Market by End User

## **CHAPTER 7. COMPANY PROFILES**

7.1 IBM Corporation

7.1.1 Company Overview

7.1.1 Financial Analysis

7.1.2 Regional & Segmental Analysis

7.1.3 Research & Development Expenses

7.1.4 Recent strategies and developments:

7.1.4.1 Partnerships, Collaborations, and Agreements:

#### 7.1.5 SWOT Analysis

### 7.2 Infineon Technologies AG (Cypress Semiconductor Corporation)

#### 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 Product Launches and Product Expansions:

#### 7.2.6 SWOT Analysis

### 7.3 NXP Semiconductors N.V.

#### 7.3.1 Company Overview

#### 7.3.2 Financial Analysis

#### 7.3.3 Regional Analysis

#### 7.3.4 Research & Development Expense

#### 7.3.5 Recent strategies and developments:

##### 7.3.5.1 Product Launches and Product Expansions:

#### 7.3.6 SWOT Analysis

### 7.4 Samsung Electronics Co., Ltd. (Samsung Group)

#### 7.4.1 Company Overview

#### 7.4.2 Financial Analysis

#### 7.4.3 Segmental and Regional Analysis

#### 7.4.4 Research & Development Expense

#### 7.4.5 Recent strategies and developments:

##### 7.4.5.1 Product Launches and Product Expansions:

#### 7.4.6 SWOT Analysis

### 7.5 Intel Corporation

#### 7.5.1 Company Overview

#### 7.5.2 Financial Analysis

#### 7.5.3 Segmental and Regional Analysis

#### 7.5.4 Research & Development Expenses

#### 7.5.5 Recent strategies and developments:

##### 7.5.5.1 Partnerships, Collaborations, and Agreements:

##### 7.5.5.2 Product Launches and Product Expansions:

#### 7.5.6 SWOT Analysis

### 7.6 Fujitsu Limited

#### 7.6.1 Company Overview

#### 7.6.2 Financial Analysis

#### 7.6.3 Recent strategies and developments:

##### 7.6.3.1 Partnerships, Collaborations, and Agreements:

- 7.6.3.2 Product Launches and Product Expansions:
- 7.6.4 SWOT Analysis
- 7.7 Texas Instruments, Inc.
  - 7.7.1 Company Overview
  - 7.7.2 Financial Analysis
  - 7.7.3 Segmental and Regional Analysis
  - 7.7.4 Research & Development Expense
  - 7.7.5 Recent strategies and developments:
    - 7.7.5.1 Product Launches and Product Expansions:
  - 7.7.6 SWOT Analysis
- 7.8 Toshiba Corporation (Toshiba Electronic Devices & Storage Corporation)
  - 7.8.1 Company Overview
  - 7.8.2 Financial Analysis
  - 7.8.3 Segmental and Regional Analysis
  - 7.8.4 Research and Development Expense
  - 7.8.5 Recent strategies and developments:
    - 7.8.5.1 Product Launches and Product Expansions:
  - 7.8.6 SWOT Analysis
- 7.9 Macronix International Co., Ltd.
  - 7.9.1 Company Overview
  - 7.9.2 Financial Analysis
  - 7.9.3 Regional Analysis
  - 7.9.4 Research & Development Expense
  - 7.9.5 Recent strategies and developments:
    - 7.9.5.1 Partnerships, Collaborations, and Agreements:
    - 7.9.5.2 Product Launches and Product Expansions:
- 7.10 Crocus Technology, Inc.
  - 7.10.1 Company overview
  - 7.10.2 Recent strategies and developments:
    - 7.10.2.1 Partnerships, Collaborations, and Agreements:



## List Of Tables

### LIST OF TABLES

TABLE 1 NORTH AMERICA SEMICONDUCTOR MEMORY MARKET, 2016 - 2019, USD MILLION

TABLE 2 NORTH AMERICA SEMICONDUCTOR MEMORY MARKET, 2020 - 2026, USD MILLION

TABLE 3 PARTNERSHIPS, COLLABORATIONS AND AGREEMENTS—  
SEMICONDUCTOR MEMORY MARKET

TABLE 4 PRODUCT LAUNCHES AND PRODUCT EXPANSIONS—  
SEMICONDUCTOR MEMORY MARKET

TABLE 5 NORTH AMERICA SEMICONDUCTOR MEMORY MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 6 NORTH AMERICA SEMICONDUCTOR MEMORY MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 7 NORTH AMERICA DRAM SEMICONDUCTOR MEMORY MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 8 NORTH AMERICA DRAM SEMICONDUCTOR MEMORY MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 9 NORTH AMERICA FLASH ROM SEMICONDUCTOR MEMORY MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 10 NORTH AMERICA FLASH ROM SEMICONDUCTOR MEMORY MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 11 NORTH AMERICA SRAM SEMICONDUCTOR MEMORY MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 12 NORTH AMERICA SRAM SEMICONDUCTOR MEMORY MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 13 NORTH AMERICA MRAM SEMICONDUCTOR MEMORY MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 14 NORTH AMERICA MRAM SEMICONDUCTOR MEMORY MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 15 NORTH AMERICA OTHER TYPE SEMICONDUCTOR MEMORY MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 16 NORTH AMERICA OTHER TYPE SEMICONDUCTOR MEMORY MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 17 NORTH AMERICA SEMICONDUCTOR MEMORY MARKET BY END USER, 2016 - 2019, USD MILLION

TABLE 18 NORTH AMERICA SEMICONDUCTOR MEMORY MARKET BY END

USER, 2020 - 2026, USD MILLION

TABLE 19 NORTH AMERICA CONSUMER ELECTRONICS SEMICONDUCTOR  
MEMORY MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 20 NORTH AMERICA CONSUMER ELECTRONICS SEMICONDUCTOR  
MEMORY MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 21 NORTH AMERICA AUTOMOTIVE SEMICONDUCTOR MEMORY MARKET  
BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 22 NORTH AMERICA AUTOMOTIVE SEMICONDUCTOR MEMORY MARKET  
BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 23 NORTH AMERICA TELECOM & IT SEMICONDUCTOR MEMORY MARKET  
BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 24 NORTH AMERICA TELECOM & IT SEMICONDUCTOR MEMORY MARKET  
BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 25 NORTH AMERICA AEROSPACE & DEFENSE SEMICONDUCTOR  
MEMORY MARKET BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 26 NORTH AMERICA AEROSPACE & DEFENSE SEMICONDUCTOR  
MEMORY MARKET BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 27 NORTH AMERICA MEDICAL SEMICONDUCTOR MEMORY MARKET BY  
COUNTRY, 2016 - 2019, USD MILLION

TABLE 28 NORTH AMERICA MEDICAL SEMICONDUCTOR MEMORY MARKET BY  
COUNTRY, 2020 - 2026, USD MILLION

TABLE 29 NORTH AMERICA INDUSTRIAL SEMICONDUCTOR MEMORY MARKET  
BY COUNTRY, 2016 - 2019, USD MILLION

TABLE 30 NORTH AMERICA INDUSTRIAL SEMICONDUCTOR MEMORY MARKET  
BY COUNTRY, 2020 - 2026, USD MILLION

TABLE 31 NORTH AMERICA OTHERS SEMICONDUCTOR MEMORY MARKET BY  
COUNTRY, 2016 - 2019, USD MILLION

TABLE 32 NORTH AMERICA OTHERS SEMICONDUCTOR MEMORY MARKET BY  
COUNTRY, 2020 - 2026, USD MILLION

TABLE 33 NORTH AMERICA SEMICONDUCTOR MEMORY MARKET BY COUNTRY,  
2016 - 2019, USD MILLION

TABLE 34 NORTH AMERICA SEMICONDUCTOR MEMORY MARKET BY COUNTRY,  
2020 - 2026, USD MILLION

TABLE 35 US SEMICONDUCTOR MEMORY MARKET, 2016 - 2019, USD MILLION

TABLE 36 US SEMICONDUCTOR MEMORY MARKET, 2020 - 2026, USD MILLION

TABLE 37 US SEMICONDUCTOR MEMORY MARKET BY TYPE, 2016 - 2019, USD  
MILLION

TABLE 38 US SEMICONDUCTOR MEMORY MARKET BY TYPE, 2020 - 2026, USD  
MILLION

TABLE 39 US SEMICONDUCTOR MEMORY MARKET BY END USER, 2016 - 2019, USD MILLION

TABLE 40 US SEMICONDUCTOR MEMORY MARKET BY END USER, 2020 - 2026, USD MILLION

TABLE 41 CANADA SEMICONDUCTOR MEMORY MARKET, 2016 - 2019, USD MILLION

TABLE 42 CANADA SEMICONDUCTOR MEMORY MARKET, 2020 - 2026, USD MILLION

TABLE 43 CANADA SEMICONDUCTOR MEMORY MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 44 CANADA SEMICONDUCTOR MEMORY MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 45 CANADA SEMICONDUCTOR MEMORY MARKET BY END USER, 2016 - 2019, USD MILLION

TABLE 46 CANADA SEMICONDUCTOR MEMORY MARKET BY END USER, 2020 - 2026, USD MILLION

TABLE 47 MEXICO SEMICONDUCTOR MEMORY MARKET, 2016 - 2019, USD MILLION

TABLE 48 MEXICO SEMICONDUCTOR MEMORY MARKET, 2020 - 2026, USD MILLION

TABLE 49 MEXICO SEMICONDUCTOR MEMORY MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 50 MEXICO SEMICONDUCTOR MEMORY MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 51 MEXICO SEMICONDUCTOR MEMORY MARKET BY END USER, 2016 - 2019, USD MILLION

TABLE 52 MEXICO SEMICONDUCTOR MEMORY MARKET BY END USER, 2020 - 2026, USD MILLION

TABLE 53 REST OF NORTH AMERICA SEMICONDUCTOR MEMORY MARKET, 2016 - 2019, USD MILLION

TABLE 54 REST OF NORTH AMERICA SEMICONDUCTOR MEMORY MARKET, 2020 - 2026, USD MILLION

TABLE 55 REST OF NORTH AMERICA SEMICONDUCTOR MEMORY MARKET BY TYPE, 2016 - 2019, USD MILLION

TABLE 56 REST OF NORTH AMERICA SEMICONDUCTOR MEMORY MARKET BY TYPE, 2020 - 2026, USD MILLION

TABLE 57 REST OF NORTH AMERICA SEMICONDUCTOR MEMORY MARKET BY END USER, 2016 - 2019, USD MILLION

TABLE 58 REST OF NORTH AMERICA SEMICONDUCTOR MEMORY MARKET BY

END USER, 2020 - 2026, USD MILLION

TABLE 59 KEY INFORMATION – IBM CORPORATION

TABLE 60 KEY INFORMATION – INFINEON TECHNOLOGIES AG

TABLE 61 KEY INFORMATION – NXP SEMICONDUCTORS N.V.

TABLE 62 KEY INFORMATION –SAMSUNG ELECTRONICS CO., LTD.

TABLE 63 KEY INFORMATION – INTEL CORPORATION

TABLE 64 KEY INFORMATION – FUJITSU LIMITED

TABLE 65 KEY INFORMATION – TEXAS INSTRUMENTS, INC.

TABLE 66 KEY INFORMATION – TOSHIBA CORPORATION

TABLE 67 KEY INFORMATION – MACRONIX INTERNATIONAL CO., LTD.

TABLE 68 KEY INFORMATION – CROCUS TECHNOLOGY, INC.

## List Of Figures

### LIST OF FIGURES

FIG 1 METHODOLOGY FOR THE RESEARCH

FIG 2 KBV CARDINAL MATRIX

FIG 3 KEY LEADING STRATEGIES: PERCENTAGE DISTRIBUTION (2016-2020)

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

FIG 5 SWOT ANALYSIS: IBM CORPORATION

FIG 6 SWOT ANALYSIS: INFINEON TECHNOLOGIES AG

FIG 7 SWOT ANALYSIS: NXP SEMICONDUCTORS N.V.

FIG 8 SWOT ANALYSIS: SAMSUNG ELECTRONICS CO. LTD.

FIG 9 RECENT STRATEGIES AND DEVELOPMENTS: INTEL CORPORATION

FIG 10 SWOT ANALYSIS: INTEL CORPORATION

FIG 11 RECENT STRATEGIES AND DEVELOPMENTS: FUJITSU LIMITED

FIG 12 SWOT ANALYSIS: FUJITSU LIMITED

FIG 13 SWOT ANALYSIS: TEXAS INSTRUMENTS, INC.

FIG 14 SWOT ANALYSIS: TOSHIBA CORPORATION

FIG 15 RECENT STRATEGIES AND DEVELOPMENTS: MACRONIX INTERNATIONAL CO., LTD.

## I would like to order

Product name: North America Semiconductor Memory Market By Type (DRAM, Flash ROM, SRAM, MRAM and Others), By End User (Consumer Electronics, Automotive, Telecom & IT, Aerospace & Defense, Medical, Industrial and Others), By Country, Industry Analysis and Forecast, 2020 - 2026

Product link: <https://marketpublishers.com/r/N2FC758EF1F2EN.html>

Price: US\$ 1,500.00 (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/N2FC758EF1F2EN.html>