

# Automotive Microcontrollers (MCU) Market in US - Manufacturing and Consumption, Outlook and Forecast 2020-2026

<https://marketpublishers.com/r/A9EDFC2FFE8DEN.html>

Date: April 2020

Pages: 93

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

ID: A9EDFC2FFE8DEN

## Abstracts

Automotive microcontrollers are integrated chips, which enable control over the automobile functioning. Compact microcontrollers comprising least component designs are integrated into automobiles for performing activities that need functionalities such as monitoring and controlling.

This report contains market size and forecasts of Automotive Microcontrollers (MCU) in US, including the following market information:

US Automotive Microcontrollers (MCU) Market Revenue, 2015-2020, 2021-2026, (\$ millions)

US Automotive Microcontrollers (MCU) Market Consumption, 2015-2020, 2021-2026, (M Units)

US Automotive Microcontrollers (MCU) Production Capacity, 2015-2020, 2021-2026, (M Units)

Top Five Competitors in US Automotive Microcontrollers (MCU) Market 2019 (%)

The global Automotive Microcontrollers (MCU) market was valued at 6593.8 million in 2019 and is projected to reach US\$ 8546.3 million by 2026, at a CAGR of 6.7% during the forecast period. While the Automotive Microcontrollers (MCU) 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 Automotive Microcontrollers (MCU) 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 Automotive Microcontrollers (MCU) production and consumption in US

Total Market by Segment:

US Automotive Microcontrollers (MCU) Market, By Type, 2015-2020, 2021-2026 (\$ millions) & (M Units)

US Automotive Microcontrollers (MCU) Market Segment Percentages, By Type, 2019 (%)

8-Bit Microcontrollers

16-Bit Microcontrollers

32-Bit Microcontrollers

US Automotive Microcontrollers (MCU) Market, By Application, 2015-2020, 2021-2026 (\$ millions) & (M Units)

US Automotive Microcontrollers (MCU) Market Segment Percentages, By Application, 2019 (%)

Body Electronics

Chassis and Powertrain

Infotainment and Telematics

Competitor Analysis

The report also provides analysis of leading market participants including:

Total Automotive Microcontrollers (MCU) Market Competitors Revenues in US, by Players 2015-2020 (Estimated), (\$ millions)

Total Automotive Microcontrollers (MCU) Market Competitors Revenues Share in US, by Players 2019 (%)

Total US Automotive Microcontrollers (MCU) Market Competitors Sales, by Players 2015-2020 (Estimated), (M Units)

Total US Automotive Microcontrollers (MCU) Market Competitors Sales Market Share

by Players 2019 (\$ millions)

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

NXP Semiconductors

Renesas Electronics

Microchip Technology

Infineon Technologies

STMicroelectronics

Texas Instruments

Cypress Semiconductors

Analog Devices

Silicon Laboratories

## Contents

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

- 1.1 Automotive Microcontrollers (MCU) Market Definition
- 1.2 Market Segments
  - 1.2.1 Segment by Type
  - 1.2.2 Segment by Application
- 1.3 US Automotive Microcontrollers (MCU) 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 AUTOMOTIVE MICROCONTROLLERS (MCU) OVERALL MARKET SIZE**

- 2.1 US Automotive Microcontrollers (MCU) Market Size: 2020 VS 2026
- 2.2 US Automotive Microcontrollers (MCU) Revenue, Prospects & Forecasts: 2015-2026
- 2.3 US Automotive Microcontrollers (MCU) Sales (Consumption): 2015-2026

### **3 COMPANY LANDSCAPE**

- 3.1 Top Automotive Microcontrollers (MCU) Players in US (including Foreign and Local Companies)
- 3.2 Top US Automotive Microcontrollers (MCU) Companies Ranked by Revenue
- 3.3 US Automotive Microcontrollers (MCU) Revenue by Companies (including Foreign and Local Companies)
- 3.4 US Automotive Microcontrollers (MCU) Sales by Companies (including Foreign and Local Companies)
- 3.5 US Automotive Microcontrollers (MCU) Price by Manufacturer (2015-2020)
- 3.6 Top 3 and Top 5 Automotive Microcontrollers (MCU) Companies in US, by Revenue in 2019
- 3.7 US Manufacturers Automotive Microcontrollers (MCU) Product Type
- 3.8 Tier 1, Tier 2 and Tier 3 Automotive Microcontrollers (MCU) Players in US
  - 3.8.1 List of US Tier 1 Automotive Microcontrollers (MCU) Companies

### 3.8.2 List of US Tier 2 and Tier 3 Automotive Microcontrollers (MCU) Companies

## 4 SIGHTS BY PRODUCT

### 4.1 Overview

4.1.1 By Type - US Automotive Microcontrollers (MCU) Market Size Markets, 2020 & 2026

4.1.2 8-Bit Microcontrollers

4.1.3 16-Bit Microcontrollers

4.1.4 32-Bit Microcontrollers

### 4.2 By Type - US Automotive Microcontrollers (MCU) Revenue & Forecasts

4.2.1 By Type - US Automotive Microcontrollers (MCU) Revenue, 2015-2020

4.2.2 By Type - US Automotive Microcontrollers (MCU) Revenue, 2021-2026

4.2.3 By Type - US Automotive Microcontrollers (MCU) Revenue Market Share, 2015-2026

### 4.3 By Type - US Automotive Microcontrollers (MCU) Sales & Forecasts

4.3.1 By Type - US Automotive Microcontrollers (MCU) Sales, 2015-2020

4.3.2 By Type - US Automotive Microcontrollers (MCU) Sales, 2021-2026

4.3.3 By Type - US Automotive Microcontrollers (MCU) Sales Market Share, 2015-2026

### 4.4 By Type - US Automotive Microcontrollers (MCU) Price (Manufacturers Selling Prices), 2015-2026

## 5 SIGHTS BY APPLICATION

### 5.1 Overview

5.1.1 By Application - US Automotive Microcontrollers (MCU) Market Size, 2020 & 2026

5.1.2 Body Electronics

5.1.3 Chassis and Powertrain

5.1.4 Infotainment and Telematics

### 5.2 By Application - US Automotive Microcontrollers (MCU) Revenue & Forecasts

5.2.1 By Application - US Automotive Microcontrollers (MCU) Revenue, 2015-2020

5.2.2 By Application - US Automotive Microcontrollers (MCU) Revenue, 2021-2026

5.2.3 By Application - US Automotive Microcontrollers (MCU) Revenue Market Share, 2015-2026

### 5.3 By Application - US Automotive Microcontrollers (MCU) Sales & Forecasts

5.3.1 By Application - US Automotive Microcontrollers (MCU) Sales, 2015-2020

5.3.2 By Application - US Automotive Microcontrollers (MCU) Sales, 2021-2026

5.3.3 By Application - US Automotive Microcontrollers (MCU) Sales Market Share, 2015-2026

5.4 By Application - US Automotive Microcontrollers (MCU) Price (Manufacturers Selling Prices), 2015-2026

## **6 MANUFACTURERS & BRANDS PROFILES**

### 6.1 NXP Semiconductors

6.1.1 NXP Semiconductors Corporate Summary

6.1.2 NXP Semiconductors Business Overview

6.1.3 NXP Semiconductors Automotive Microcontrollers (MCU) Major Product Offerings

6.1.4 NXP Semiconductors Sales and Revenue in US (2015-2020)

6.1.5 NXP Semiconductors Key News

### 6.2 Renesas Electronics

6.2.1 Renesas Electronics Corporate Summary

6.2.2 Renesas Electronics Business Overview

6.2.3 Renesas Electronics Automotive Microcontrollers (MCU) Major Product Offerings

6.2.4 Renesas Electronics Sales and Revenue in US (2015-2020)

6.2.5 Renesas Electronics Key News

### 6.3 Microchip Technology

6.3.1 Microchip Technology Corporate Summary

6.3.2 Microchip Technology Business Overview

6.3.3 Microchip Technology Automotive Microcontrollers (MCU) Major Product Offerings

6.3.4 Microchip Technology Sales and Revenue in US (2015-2020)

6.3.5 Microchip Technology Key News

### 6.4 Infineon Technologies

6.4.1 Infineon Technologies Corporate Summary

6.4.2 Infineon Technologies Business Overview

6.4.3 Infineon Technologies Automotive Microcontrollers (MCU) Major Product Offerings

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

6.4.5 Infineon Technologies Key News

### 6.5 STMicroelectronics

6.5.1 STMicroelectronics Corporate Summary

6.5.2 STMicroelectronics Business Overview

6.5.3 STMicroelectronics Automotive Microcontrollers (MCU) Major Product Offerings

6.5.4 STMicroelectronics Sales and Revenue in US (2015-2020)

- 6.5.5 STMicroelectronics Key News
- 6.6 Texas Instruments
  - 6.6.1 Texas Instruments Corporate Summary
  - 6.6.2 Texas Instruments Business Overview
  - 6.6.3 Texas Instruments Automotive Microcontrollers (MCU) Major Product Offerings
  - 6.6.4 Texas Instruments Sales and Revenue in US (2015-2020)
  - 6.6.5 Texas Instruments Key News
- 6.7 Cypress Semiconductors
  - 6.6.1 Cypress Semiconductors Corporate Summary
  - 6.6.2 Cypress Semiconductors Business Overview
  - 6.6.3 Cypress Semiconductors Automotive Microcontrollers (MCU) Major Product Offerings
  - 6.4.4 Cypress Semiconductors Sales and Revenue in US (2015-2020)
  - 6.7.5 Cypress Semiconductors Key News
- 6.8 Analog Devices
  - 6.8.1 Analog Devices Corporate Summary
  - 6.8.2 Analog Devices Business Overview
  - 6.8.3 Analog Devices Automotive Microcontrollers (MCU) Major Product Offerings
  - 6.8.4 Analog Devices Sales and Revenue in US (2015-2020)
  - 6.8.5 Analog Devices Key News
- 6.9 Silicon Laboratories
  - 6.9.1 Silicon Laboratories Corporate Summary
  - 6.9.2 Silicon Laboratories Business Overview
  - 6.9.3 Silicon Laboratories Automotive Microcontrollers (MCU) Major Product Offerings
  - 6.9.4 Silicon Laboratories Sales and Revenue in US (2015-2020)
  - 6.9.5 Silicon Laboratories Key News
- 6.10 Toshiba
  - 6.10.1 Toshiba Corporate Summary
  - 6.10.2 Toshiba Business Overview
  - 6.10.3 Toshiba Automotive Microcontrollers (MCU) Major Product Offerings
  - 6.10.4 Toshiba Sales and Revenue in US (2015-2020)
  - 6.10.5 Toshiba Key News

## **7 AUTOMOTIVE MICROCONTROLLERS (MCU) PRODUCTION CAPACITY, EXPORT AND IMPORT ANALYSIS**

- 7.1 Automotive Microcontrollers (MCU) Production Capacity and Value in US, Situation Analysis and Prediction, 2015-2026
  - 7.1.1 US Automotive Microcontrollers (MCU) Production Capacity, 2015-2026

- 7.1.2 US Automotive Microcontrollers (MCU) Production 2015-2026
- 7.1.3 US Automotive Microcontrollers (MCU) Production Value 2015-2026
- 7.2 Key Local Automotive Microcontrollers (MCU) Manufacturers in US
  - 7.2.1 US Key Local Automotive Microcontrollers (MCU) Manufacturers Production Capacity
  - 7.2.2 US Key Local Automotive Microcontrollers (MCU) Manufacturers Production
  - 7.2.3 US Key Local Automotive Microcontrollers (MCU) Manufacturers Production Value
  - 7.2.4 The Proportion of Automotive Microcontrollers (MCU) Production Sold in US and Sold Other Than US by Manufacturers
- 7.3 Automotive Microcontrollers (MCU) Export and Import in US
  - 7.3.1 US Automotive Microcontrollers (MCU) Export Market
  - 7.3.2 US Automotive Microcontrollers (MCU) Source of Imports

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

- 8.1 PESTLE Analysis for US Automotive Microcontrollers (MCU) Market
- 8.2 Market Opportunities & Trends
- 8.3 Market Drivers
- 8.4 Market Restraints

## **9 COVID-19 IMPACT ON AUTOMOTIVE MICROCONTROLLERS (MCU) 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 Automotive Microcontrollers (MCU) 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 Automotive Microcontrollers (MCU) in US
- Table 2. Top Players in US, Ranking by Revenue (2019)
- Table 3. US Automotive Microcontrollers (MCU) Revenue by Companies, (US\$, Mn), 2015-2020
- Table 4. US Automotive Microcontrollers (MCU) Revenue Share by Companies, 2015-2020
- Table 5. US Automotive Microcontrollers (MCU) Sales by Companies, (M Units), 2015-2020
- Table 6. US Automotive Microcontrollers (MCU) Sales Share by Companies, 2015-2020
- Table 7. Key Manufacturers Automotive Microcontrollers (MCU) Price (2015-2020) (US\$/Unit)
- Table 8. US Manufacturers Automotive Microcontrollers (MCU) Product Type
- Table 9. List of US Tier 1 Automotive Microcontrollers (MCU) Companies, Revenue (US\$, Mn) in 2019 and Market Share
- Table 10. List of US Tier 2 and Tier 3 Automotive Microcontrollers (MCU) Companies, Revenue (US\$, Mn) in 2019 and Market Share
- Table 11. By Type - Automotive Microcontrollers (MCU) Revenue in US (US\$, Mn), 2015-2020
- Table 12. By Type - Automotive Microcontrollers (MCU) Revenue in US (US\$, Mn), 2021-2026
- Table 13. By Type - Automotive Microcontrollers (MCU) Sales in US (M Units), 2015-2020
- Table 14. By Type - Automotive Microcontrollers (MCU) Sales in US (M Units), 2021-2026
- Table 15. By Application - Automotive Microcontrollers (MCU) Revenue in US, (US\$, Mn), 2015-2020
- Table 16. By Application - Automotive Microcontrollers (MCU) Revenue in US, (US\$, Mn), 2021-2026
- Table 17. By Application - Automotive Microcontrollers (MCU) Sales in US, (M Units), 2015-2020
- Table 18. By Application - Automotive Microcontrollers (MCU) Sales in US, (M Units), 2021-2026
- Table 19. NXP Semiconductors Corporate Summary
- Table 20. NXP Semiconductors Automotive Microcontrollers (MCU) Product Offerings
- Table 21. NXP Semiconductors Automotive Microcontrollers (MCU) Sales (M Units),

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

Table 22. Renesas Electronics Corporate Summary

Table 23. Renesas Electronics Automotive Microcontrollers (MCU) Product Offerings

Table 24. Renesas Electronics Automotive Microcontrollers (MCU) Sales (M Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2015-2020)

Table 25. Microchip Technology Corporate Summary

Table 26. Microchip Technology Automotive Microcontrollers (MCU) Product Offerings

Table 27. Microchip Technology Automotive Microcontrollers (MCU) Sales (M Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2015-2020)

Table 28. Infineon Technologies Corporate Summary

Table 29. Infineon Technologies Automotive Microcontrollers (MCU) Product Offerings

Table 30. Infineon Technologies Automotive Microcontrollers (MCU) Sales (M Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2015-2020)

Table 31. STMicroelectronics Corporate Summary

Table 32. STMicroelectronics Automotive Microcontrollers (MCU) Product Offerings

Table 33. STMicroelectronics Automotive Microcontrollers (MCU) Sales (M Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2015-2020)

Table 34. Texas Instruments Corporate Summary

Table 35. Texas Instruments Automotive Microcontrollers (MCU) Product Offerings

Table 36. Texas Instruments Automotive Microcontrollers (MCU) Sales (M Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2015-2020)

Table 37. Cypress Semiconductors Corporate Summary

Table 38. Cypress Semiconductors Automotive Microcontrollers (MCU) Product Offerings

Table 39. Cypress Semiconductors Automotive Microcontrollers (MCU) Sales (M Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2015-2020)

Table 40. Analog Devices Corporate Summary

Table 41. Analog Devices Automotive Microcontrollers (MCU) Product Offerings

Table 42. Analog Devices Automotive Microcontrollers (MCU) Sales (M Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2015-2020)

Table 43. Silicon Laboratories Corporate Summary

Table 44. Silicon Laboratories Automotive Microcontrollers (MCU) Product Offerings

Table 45. Silicon Laboratories Automotive Microcontrollers (MCU) Sales (M Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2015-2020)

Table 46. Toshiba Corporate Summary

Table 47. Toshiba Automotive Microcontrollers (MCU) Product Offerings

Table 48. Toshiba Automotive Microcontrollers (MCU) Sales (M Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2015-2020)

Table 49. Automotive Microcontrollers (MCU) Production Capacity (M Units) of Local

Manufacturers in US, 2015-2020

Table 50. Automotive Microcontrollers (MCU) Production (M Units) of Local Manufacturers in US, 2015-2020

Table 51. US Automotive Microcontrollers (MCU) Production Market Share of Local Manufacturers, 2015-2020

Table 52. Automotive Microcontrollers (MCU) Production Value (US\$, Mn) of Local Manufacturers in US, 2015-2020

Table 53. US Automotive Microcontrollers (MCU) Production Value Market Share of Local Manufacturers, 2015-2020

Table 54. The Percentage of Automotive Microcontrollers (MCU) Production Sold in US and Sold Other Than US by Manufacturers

Table 55. The Percentage of Automotive Microcontrollers (MCU) Production Sold in US and Sold Other Than US by Manufacturers

Table 56. Dangeguojia Automotive Microcontrollers (MCU) Sales (Consumption), Production, Export and Import, 2015-2020

Table 57. Raw Materials and Suppliers

Table 58. Automotive Microcontrollers (MCU) Downstream Clients in US

Table 59. Automotive Microcontrollers (MCU) Distributors and Sales Agents in US

## List Of Figures

### LIST OF FIGURES

- Figure 1. Automotive Microcontrollers (MCU) Segment by Type
- Figure 2. Automotive Microcontrollers (MCU) Segment by Application
- Figure 3. Dangeguojia Automotive Microcontrollers (MCU) Market Overview: 2020
- Figure 4. Key Caveats
- Figure 5. Automotive Microcontrollers (MCU) Market Size in US, (US\$, Mn) & (M Units): 2020 VS 2026
- Figure 6. US Automotive Microcontrollers (MCU) Revenue, 2015-2026 (US\$, Mn)
- Figure 7. Automotive Microcontrollers (MCU) Sales in US: 2015-2026 (M Units)
- Figure 8. The Top 3 and 5 Players Market Share by Automotive Microcontrollers (MCU) Revenue in 2019
- Figure 9. By Type - US Automotive Microcontrollers (MCU) Incremental Growth, (US\$, Mn), 2015-2026
- Figure 10. By Type - US Automotive Microcontrollers (MCU) Market Share, 2015-2020
- Figure 11. By Type - US Automotive Microcontrollers (MCU) Market Share, 2020-2026
- Figure 12. By Type - US Automotive Microcontrollers (MCU) Price (US\$/Unit), 2015-2026
- Figure 13. By Application - Automotive Microcontrollers (MCU) Revenue in US (US\$, Mn), 2020 & 2026
- Figure 14. By Application - US Automotive Microcontrollers (MCU) Market Share, 2015-2020
- Figure 15. By Application - US Automotive Microcontrollers (MCU) Market Share, 2020-2026
- Figure 16. By Application -US Automotive Microcontrollers (MCU) Price (US\$/Unit), 2015-2026
- Figure 17. US Automotive Microcontrollers (MCU) Production Capacity (M Units), 2015-2026
- Figure 18. US Automotive Microcontrollers (MCU) Actual Output (M Units), 2015-2026
- Figure 19. US Automotive Microcontrollers (MCU) Production Value (US\$, Mn), 2015-2026
- Figure 20. The Percentage of US Automotive Microcontrollers (MCU) Export Destination, 2019
- Figure 21. The Source of Imports of US Automotive Microcontrollers (MCU), 2019
- Figure 22. PEST Analysis for US Automotive Microcontrollers (MCU) Market in 2020
- Figure 23. Automotive Microcontrollers (MCU) Market Opportunities & Trends in US
- Figure 24. Automotive Microcontrollers (MCU) Market Drivers in US

Figure 25. Automotive Microcontrollers (MCU) Market Restraints in US

Figure 26. Automotive Microcontrollers (MCU) Industry Value Chain

## I would like to order

Product name: Automotive Microcontrollers (MCU) Market in US - Manufacturing and Consumption, Outlook and Forecast 2020-2026

Product link: <https://marketpublishers.com/r/A9EDFC2FFE8DEN.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](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/A9EDFC2FFE8DEN.html>

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**

Customer signature \_\_\_\_\_

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

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

