

Global Automotive MCU Functional Chips Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/GBEB7406811EEN.html>

Date: June 2026

Pages: 145

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

ID: GBEB7406811EEN

Abstracts

According to our (Global Info Research) latest study, the global Automotive MCU Functional Chips market size was valued at US\$ 7059 million in 2025 and is forecast to a readjusted size of US\$ 8915 million by 2032 with a CAGR of 5.5% during review period.

Global sales of automotive MCU functional chips are expected to reach 9.8 billion units in 2025, with an average selling price of approximately US\$0.7 per unit.

Automotive MCU function chips are embedded chips that integrate a CPU, memory, I/O interfaces, and peripherals. As the core of the automotive electronic control unit (ECU), they are responsible for real-time processing of sensor data, executing control algorithms, and driving actuators. These chips cover scenarios such as engine management, body control, smart cockpits, and autonomous driving. Their core features include low power consumption, high reliability, and wide operating temperature, and they must meet automotive-grade certification standards. The upstream segment focuses on core materials and equipment: semiconductor materials such as silicon wafers and photoresists support chip manufacturing, while equipment such as lithography machines and etching machines enable high-precision processes. The midstream encompasses chip design and manufacturing, with design companies developing customized solutions based on the ARM Cortex-M series cores, and foundries balancing performance and cost using 28nm/40nm processes. The downstream segment encompasses automotive applications and system integration, with automakers and Tier 1 suppliers embedding MCUs into powertrain, chassis, and cockpit systems, optimizing functionality through over-the-air (OTA) upgrades.

The primary market drivers include the following:

Automotive electrification and the upgrading of electrical/electronic (E/E) architectures serve as the core drivers for the growing demand for automotive MCU functional chips. Compared to traditional fuel-powered vehicles, new energy vehicles (NEVs) are equipped with a significantly higher number of electronic control units (ECUs). Functions such as power battery management, main drive inverters, on-board chargers (OBCs), DC-DC converters, thermal management, body control, cockpit control, and chassis control all rely on MCUs to perform real-time control, status monitoring, communication coordination, and safety protection tasks. As vehicle E/E architectures evolve from distributed ECU systems toward domain control, zonal control, and 'software-defined vehicles,' MCUs are no longer merely simple execution controllers; instead, they serve as foundational chips responsible for edge control, functional safety, diagnostics, communication, and redundancy management. Infineon, for instance, explicitly links automotive MCUs with software-defined vehicles, electrification, cybersecurity, and real-time control?underscoring the continuously elevating foundational status of MCUs within the new generation of automotive electronic architectures.

The proliferation of features related to intelligent driving, smart cockpits, and in-vehicle networking is driving the evolution of MCUs toward higher performance, enhanced security, and multi-interface capabilities. The continuous expansion of functions?including ADAS (Advanced Driver-Assistance Systems), automated parking, electronic rearview mirrors, intelligent lighting, cockpit interaction, in-vehicle Ethernet, body domain control, and sensor fusion?necessitates that automotive MCUs possess greater computing power, higher communication bandwidth, a richer array of peripheral interfaces, and more robust functional safety mechanisms. While automotive MCUs in the past primarily served simple discrete control (switching) tasks and low-speed communication, future MCUs will be required to work in close coordination with SoCs, sensors, power management chips, driver ICs, and memory modules to support increasingly complex software functions and real-time control tasks. Infineon?s acquisition of Marvell?s automotive Ethernet business?along with its strategic moves to bolster its capabilities in automotive MCUs and in-vehicle networking?reflects the accelerating convergence of in-vehicle communication, MCUs, and software-defined vehicles.

Rising demands for supply chain security, domestic substitution, and automotive-grade reliability are driving an optimization of the market structure. Automotive MCUs must satisfy stringent requirements regarding long-term supply availability, wide-temperature operation, interference immunity, functional safety, cybersecurity, and high-reliability

validation; consequently, they entail lengthy certification cycles, foster strong customer stickiness, and present high barriers to entry. Following the global automotive chip shortage, OEMs and Tier 1 suppliers have placed greater emphasis on multi-sourcing strategies, long-term capacity assurance, and the development of localized supply chains. This shift is accelerating the adoption of domestic MCU solutions across various automotive domains, including body control, cockpit systems, BMS, gateways, chassis control, and zonal control units. Furthermore, competition within the automotive-grade MCU sector is no longer solely a battle over cost; rather, it has evolved into a comprehensive contest encompassing ecosystems, toolchains, software platforms, functional safety documentation, customer support, and mass-production expertise. Moving forward, companies that possess automotive-grade certification, ensure stable supply, facilitate hardware-software co-optimization, and offer system-level solutions will be best positioned to seize greater opportunities within the automotive MCU market.

This report is a detailed and comprehensive analysis for global Automotive MCU Functional Chips market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type 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 Automotive MCU Functional Chips market size and forecasts, in consumption value (\$ Million), sales quantity (Million Units), and average selling prices (US\$/Unit), 2021-2032

Global Automotive MCU Functional Chips market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Million Units), and average selling prices (US\$/Unit), 2021-2032

Global Automotive MCU Functional Chips market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Million Units), and average selling prices (US\$/Unit), 2021-2032

Global Automotive MCU Functional Chips market shares of main players, shipments in revenue (\$ Million), sales quantity (Million Units), and ASP (US\$/Unit), 2021-2026

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 Automotive MCU Functional Chips

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 Automotive MCU Functional Chips 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 Infineon Technologies?DE?, NXP Semiconductors?NL?, Renesas Electronics?JP?, Texas Instruments?US?, STMicroelectronics?CH?, ON Semiconductor?US?, Microchip Technology?US?, Micron Technology?US?, Samsung Electronics?KR?, GigaDevice?CN?, etc.

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

Market Segmentation

Automotive MCU Functional Chips market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, 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 Type

8-bit MCU

16-bit MCU

32-bit MCU

Market segment by Product Architecture

Based on 8051 Architecture

Based on ARM Architecture

Based on RISC-V Architecture

Market segment by Function

Powertrain Control

Battery Management

In-Vehicle Infotainment Systems

Advanced Driver Assistance Systems (ADAS)

Market segment by Sales Channel

Online Sales

Offline Sales

Market segment by Application

Passenger Vehicles

Commercial Vehicles

Major players covered

Infineon Technologies?DE?

NXP Semiconductors?NL?

Renesas Electronics?JP?

Texas Instruments?US?

STMicroelectronics?CH?

ON Semiconductor?US?

Microchip Technology?US?

Micron Technology?US?

Samsung Electronics?KR?

GigaDevice?CN?

Beijing SiChip / Beijing Ingenic?CN?

Analog Devices?US?

Nanya Technology?TW?

SemiDrive Technology?CN?

Horizon Robotics?CN?

Star Semiconductor?CN?

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 Automotive MCU Functional Chips product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Automotive MCU Functional Chips, with price, sales quantity, revenue, and global market share of Automotive MCU Functional Chips from 2021 to 2026.

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

Chapter 4, the Automotive MCU Functional Chips breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

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 2021 to 2026. and Automotive MCU Functional Chips market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

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 Automotive MCU Functional Chips.

Chapter 14 and 15, to describe Automotive MCU Functional Chips sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Automotive MCU Functional Chips Consumption Value by Type: 2021 Versus 2025 Versus 2032

1.3.2 8-bit MCU

1.3.3 16-bit MCU

1.3.4 32-bit MCU

1.4 Market Analysis by Product Architecture

1.4.1 Overview: Global Automotive MCU Functional Chips Consumption Value by Product Architecture: 2021 Versus 2025 Versus 2032

1.4.2 Based on 8051 Architecture

1.4.3 Based on ARM Architecture

1.4.4 Based on RISC-V Architecture

1.5 Market Analysis by Function

1.5.1 Overview: Global Automotive MCU Functional Chips Consumption Value by Function: 2021 Versus 2025 Versus 2032

1.5.2 Powertrain Control

1.5.3 Battery Management

1.5.4 In-Vehicle Infotainment Systems

1.5.5 Advanced Driver Assistance Systems (ADAS)

1.6 Market Analysis by Sales Channel

1.6.1 Overview: Global Automotive MCU Functional Chips Consumption Value by Sales Channel: 2021 Versus 2025 Versus 2032

1.6.2 Online Sales

1.6.3 Offline Sales

1.7 Market Analysis by Application

1.7.1 Overview: Global Automotive MCU Functional Chips Consumption Value by Application: 2021 Versus 2025 Versus 2032

1.7.2 Passenger Vehicles

1.7.3 Commercial Vehicles

1.8 Global Automotive MCU Functional Chips Market Size & Forecast

1.8.1 Global Automotive MCU Functional Chips Consumption Value (2021 & 2025 & 2032)

1.8.2 Global Automotive MCU Functional Chips Sales Quantity (2021-2032)

1.8.3 Global Automotive MCU Functional Chips Average Price (2021-2032)

2 MANUFACTURERS PROFILES

2.1 Infineon Technologies?DE?

2.1.1 Infineon Technologies?DE? Details

2.1.2 Infineon Technologies?DE? Major Business

2.1.3 Infineon Technologies?DE? Automotive MCU Functional Chips Product and Services

2.1.4 Infineon Technologies?DE? Automotive MCU Functional Chips Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.1.5 Infineon Technologies?DE? Recent Developments/Updates

2.2 NXP Semiconductors?NL?

2.2.1 NXP Semiconductors?NL? Details

2.2.2 NXP Semiconductors?NL? Major Business

2.2.3 NXP Semiconductors?NL? Automotive MCU Functional Chips Product and Services

2.2.4 NXP Semiconductors?NL? Automotive MCU Functional Chips Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.2.5 NXP Semiconductors?NL? Recent Developments/Updates

2.3 Renesas Electronics?JP?

2.3.1 Renesas Electronics?JP? Details

2.3.2 Renesas Electronics?JP? Major Business

2.3.3 Renesas Electronics?JP? Automotive MCU Functional Chips Product and Services

2.3.4 Renesas Electronics?JP? Automotive MCU Functional Chips Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.3.5 Renesas Electronics?JP? Recent Developments/Updates

2.4 Texas Instruments?US?

2.4.1 Texas Instruments?US? Details

2.4.2 Texas Instruments?US? Major Business

2.4.3 Texas Instruments?US? Automotive MCU Functional Chips Product and Services

2.4.4 Texas Instruments?US? Automotive MCU Functional Chips Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.4.5 Texas Instruments?US? Recent Developments/Updates

2.5 STMicroelectronics?CH?

2.5.1 STMicroelectronics?CH? Details

2.5.2 STMicroelectronics?CH? Major Business

2.5.3 STMicroelectronics?CH? Automotive MCU Functional Chips Product and Services

2.5.4 STMicroelectronics?CH? Automotive MCU Functional Chips Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.5.5 STMicroelectronics?CH? Recent Developments/Updates

2.6 ON Semiconductor?US?

2.6.1 ON Semiconductor?US? Details

2.6.2 ON Semiconductor?US? Major Business

2.6.3 ON Semiconductor?US? Automotive MCU Functional Chips Product and Services

2.6.4 ON Semiconductor?US? Automotive MCU Functional Chips Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.6.5 ON Semiconductor?US? Recent Developments/Updates

2.7 Microchip Technology?US?

2.7.1 Microchip Technology?US? Details

2.7.2 Microchip Technology?US? Major Business

2.7.3 Microchip Technology?US? Automotive MCU Functional Chips Product and Services

2.7.4 Microchip Technology?US? Automotive MCU Functional Chips Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.7.5 Microchip Technology?US? Recent Developments/Updates

2.8 Micron Technology?US?

2.8.1 Micron Technology?US? Details

2.8.2 Micron Technology?US? Major Business

2.8.3 Micron Technology?US? Automotive MCU Functional Chips Product and Services

2.8.4 Micron Technology?US? Automotive MCU Functional Chips Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.8.5 Micron Technology?US? Recent Developments/Updates

2.9 Samsung Electronics?KR?

2.9.1 Samsung Electronics?KR? Details

2.9.2 Samsung Electronics?KR? Major Business

2.9.3 Samsung Electronics?KR? Automotive MCU Functional Chips Product and Services

2.9.4 Samsung Electronics?KR? Automotive MCU Functional Chips Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.9.5 Samsung Electronics?KR? Recent Developments/Updates

2.10 GigaDevice?CN?

2.10.1 GigaDevice?CN? Details

- 2.10.2 GigaDevice?CN? Major Business
- 2.10.3 GigaDevice?CN? Automotive MCU Functional Chips Product and Services
- 2.10.4 GigaDevice?CN? Automotive MCU Functional Chips Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.10.5 GigaDevice?CN? Recent Developments/Updates
- 2.11 Beijing SiChip / Beijing Ingenic?CN?
- 2.11.1 Beijing SiChip / Beijing Ingenic?CN? Details
- 2.11.2 Beijing SiChip / Beijing Ingenic?CN? Major Business
- 2.11.3 Beijing SiChip / Beijing Ingenic?CN? Automotive MCU Functional Chips Product and Services
- 2.11.4 Beijing SiChip / Beijing Ingenic?CN? Automotive MCU Functional Chips Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.11.5 Beijing SiChip / Beijing Ingenic?CN? Recent Developments/Updates
- 2.12 Analog Devices?US?
- 2.12.1 Analog Devices?US? Details
- 2.12.2 Analog Devices?US? Major Business
- 2.12.3 Analog Devices?US? Automotive MCU Functional Chips Product and Services
- 2.12.4 Analog Devices?US? Automotive MCU Functional Chips Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.12.5 Analog Devices?US? Recent Developments/Updates
- 2.13 Nanya Technology?TW?
- 2.13.1 Nanya Technology?TW? Details
- 2.13.2 Nanya Technology?TW? Major Business
- 2.13.3 Nanya Technology?TW? Automotive MCU Functional Chips Product and Services
- 2.13.4 Nanya Technology?TW? Automotive MCU Functional Chips Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.13.5 Nanya Technology?TW? Recent Developments/Updates
- 2.14 SemiDrive Technology?CN?
- 2.14.1 SemiDrive Technology?CN? Details
- 2.14.2 SemiDrive Technology?CN? Major Business
- 2.14.3 SemiDrive Technology?CN? Automotive MCU Functional Chips Product and Services
- 2.14.4 SemiDrive Technology?CN? Automotive MCU Functional Chips Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.14.5 SemiDrive Technology?CN? Recent Developments/Updates
- 2.15 Horizon Robotics?CN?
- 2.15.1 Horizon Robotics?CN? Details
- 2.15.2 Horizon Robotics?CN? Major Business

2.15.3 Horizon Robotics?CN? Automotive MCU Functional Chips Product and Services

2.15.4 Horizon Robotics?CN? Automotive MCU Functional Chips Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.15.5 Horizon Robotics?CN? Recent Developments/Updates

2.16 Star Semiconductor?CN?

2.16.1 Star Semiconductor?CN? Details

2.16.2 Star Semiconductor?CN? Major Business

2.16.3 Star Semiconductor?CN? Automotive MCU Functional Chips Product and Services

2.16.4 Star Semiconductor?CN? Automotive MCU Functional Chips Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.16.5 Star Semiconductor?CN? Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: AUTOMOTIVE MCU FUNCTIONAL CHIPS BY MANUFACTURER

3.1 Global Automotive MCU Functional Chips Sales Quantity by Manufacturer (2021-2026)

3.2 Global Automotive MCU Functional Chips Revenue by Manufacturer (2021-2026)

3.3 Global Automotive MCU Functional Chips Average Price by Manufacturer (2021-2026)

3.4 Market Share Analysis (2025)

3.4.1 Producer Shipments of Automotive MCU Functional Chips by Manufacturer Revenue (\$MM) and Market Share (%): 2025

3.4.2 Top 3 Automotive MCU Functional Chips Manufacturer Market Share in 2025

3.4.3 Top 6 Automotive MCU Functional Chips Manufacturer Market Share in 2025

3.5 Automotive MCU Functional Chips Market: Overall Company Footprint Analysis

3.5.1 Automotive MCU Functional Chips Market: Region Footprint

3.5.2 Automotive MCU Functional Chips Market: Company Product Type Footprint

3.5.3 Automotive MCU Functional Chips Market: Company Product Application Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

4.1 Global Automotive MCU Functional Chips Market Size by Region

4.1.1 Global Automotive MCU Functional Chips Sales Quantity by Region (2021-2032)

4.1.2 Global Automotive MCU Functional Chips Consumption Value by Region (2021-2032)

4.1.3 Global Automotive MCU Functional Chips Average Price by Region (2021-2032)

4.2 North America Automotive MCU Functional Chips Consumption Value (2021-2032)

4.3 Europe Automotive MCU Functional Chips Consumption Value (2021-2032)

4.4 Asia-Pacific Automotive MCU Functional Chips Consumption Value (2021-2032)

4.5 South America Automotive MCU Functional Chips Consumption Value (2021-2032)

4.6 Middle East & Africa Automotive MCU Functional Chips Consumption Value (2021-2032)

5 MARKET SEGMENT BY TYPE

5.1 Global Automotive MCU Functional Chips Sales Quantity by Type (2021-2032)

5.2 Global Automotive MCU Functional Chips Consumption Value by Type (2021-2032)

5.3 Global Automotive MCU Functional Chips Average Price by Type (2021-2032)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Automotive MCU Functional Chips Sales Quantity by Application (2021-2032)

6.2 Global Automotive MCU Functional Chips Consumption Value by Application (2021-2032)

6.3 Global Automotive MCU Functional Chips Average Price by Application (2021-2032)

7 NORTH AMERICA

7.1 North America Automotive MCU Functional Chips Sales Quantity by Type (2021-2032)

7.2 North America Automotive MCU Functional Chips Sales Quantity by Application (2021-2032)

7.3 North America Automotive MCU Functional Chips Market Size by Country

7.3.1 North America Automotive MCU Functional Chips Sales Quantity by Country (2021-2032)

7.3.2 North America Automotive MCU Functional Chips Consumption Value by Country (2021-2032)

7.3.3 United States Market Size and Forecast (2021-2032)

7.3.4 Canada Market Size and Forecast (2021-2032)

7.3.5 Mexico Market Size and Forecast (2021-2032)

8 EUROPE

8.1 Europe Automotive MCU Functional Chips Sales Quantity by Type (2021-2032)

8.2 Europe Automotive MCU Functional Chips Sales Quantity by Application (2021-2032)

8.3 Europe Automotive MCU Functional Chips Market Size by Country

8.3.1 Europe Automotive MCU Functional Chips Sales Quantity by Country (2021-2032)

8.3.2 Europe Automotive MCU Functional Chips Consumption Value by Country (2021-2032)

8.3.3 Germany Market Size and Forecast (2021-2032)

8.3.4 France Market Size and Forecast (2021-2032)

8.3.5 United Kingdom Market Size and Forecast (2021-2032)

8.3.6 Russia Market Size and Forecast (2021-2032)

8.3.7 Italy Market Size and Forecast (2021-2032)

9 ASIA-PACIFIC

9.1 Asia-Pacific Automotive MCU Functional Chips Sales Quantity by Type (2021-2032)

9.2 Asia-Pacific Automotive MCU Functional Chips Sales Quantity by Application (2021-2032)

9.3 Asia-Pacific Automotive MCU Functional Chips Market Size by Region

9.3.1 Asia-Pacific Automotive MCU Functional Chips Sales Quantity by Region (2021-2032)

9.3.2 Asia-Pacific Automotive MCU Functional Chips Consumption Value by Region (2021-2032)

9.3.3 China Market Size and Forecast (2021-2032)

9.3.4 Japan Market Size and Forecast (2021-2032)

9.3.5 South Korea Market Size and Forecast (2021-2032)

9.3.6 India Market Size and Forecast (2021-2032)

9.3.7 Southeast Asia Market Size and Forecast (2021-2032)

9.3.8 Australia Market Size and Forecast (2021-2032)

10 SOUTH AMERICA

10.1 South America Automotive MCU Functional Chips Sales Quantity by Type (2021-2032)

10.2 South America Automotive MCU Functional Chips Sales Quantity by Application (2021-2032)

10.3 South America Automotive MCU Functional Chips Market Size by Country

10.3.1 South America Automotive MCU Functional Chips Sales Quantity by Country (2021-2032)

10.3.2 South America Automotive MCU Functional Chips Consumption Value by Country (2021-2032)

10.3.3 Brazil Market Size and Forecast (2021-2032)

10.3.4 Argentina Market Size and Forecast (2021-2032)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Automotive MCU Functional Chips Sales Quantity by Type (2021-2032)

11.2 Middle East & Africa Automotive MCU Functional Chips Sales Quantity by Application (2021-2032)

11.3 Middle East & Africa Automotive MCU Functional Chips Market Size by Country

11.3.1 Middle East & Africa Automotive MCU Functional Chips Sales Quantity by Country (2021-2032)

11.3.2 Middle East & Africa Automotive MCU Functional Chips Consumption Value by Country (2021-2032)

11.3.3 Turkey Market Size and Forecast (2021-2032)

11.3.4 Egypt Market Size and Forecast (2021-2032)

11.3.5 Saudi Arabia Market Size and Forecast (2021-2032)

11.3.6 South Africa Market Size and Forecast (2021-2032)

12 MARKET DYNAMICS

12.1 Automotive MCU Functional Chips Market Drivers

12.2 Automotive MCU Functional Chips Market Restraints

12.3 Automotive MCU Functional Chips Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

13.1 Raw Material of Automotive MCU Functional Chips and Key Manufacturers

- 13.2 Manufacturing Costs Percentage of Automotive MCU Functional Chips
- 13.3 Automotive MCU Functional Chips Production Process
- 13.4 Industry Value Chain Analysis

14 SHIPMENTS BY DISTRIBUTION CHANNEL

- 14.1 Sales Channel
 - 14.1.1 Direct to End-User
 - 14.1.2 Distributors
- 14.2 Automotive MCU Functional Chips Typical Distributors
- 14.3 Automotive MCU Functional Chips Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

- 16.1 Methodology
- 16.2 Research Process and Data Source
- 16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global Automotive MCU Functional Chips Consumption Value by Type, (USD Million), 2021 & 2025 & 2032

Table 2. Global Automotive MCU Functional Chips Consumption Value by Product Architecture, (USD Million), 2021 & 2025 & 2032

Table 3. Global Automotive MCU Functional Chips Consumption Value by Function, (USD Million), 2021 & 2025 & 2032

Table 4. Global Automotive MCU Functional Chips Consumption Value by Sales Channel, (USD Million), 2021 & 2025 & 2032

Table 5. Global Automotive MCU Functional Chips Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Table 6. Infineon Technologies?DE? Basic Information, Manufacturing Base and Competitors

Table 7. Infineon Technologies?DE? Major Business

Table 8. Infineon Technologies?DE? Automotive MCU Functional Chips Product and Services

Table 9. Infineon Technologies?DE? Automotive MCU Functional Chips Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 10. Infineon Technologies?DE? Recent Developments/Updates

Table 11. NXP Semiconductors?NL? Basic Information, Manufacturing Base and Competitors

Table 12. NXP Semiconductors?NL? Major Business

Table 13. NXP Semiconductors?NL? Automotive MCU Functional Chips Product and Services

Table 14. NXP Semiconductors?NL? Automotive MCU Functional Chips Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 15. NXP Semiconductors?NL? Recent Developments/Updates

Table 16. Renesas Electronics?JP? Basic Information, Manufacturing Base and Competitors

Table 17. Renesas Electronics?JP? Major Business

Table 18. Renesas Electronics?JP? Automotive MCU Functional Chips Product and Services

Table 19. Renesas Electronics?JP? Automotive MCU Functional Chips Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and

Market Share (2021-2026)

Table 20. Renesas Electronics?JP? Recent Developments/Updates

Table 21. Texas Instruments?US? Basic Information, Manufacturing Base and Competitors

Table 22. Texas Instruments?US? Major Business

Table 23. Texas Instruments?US? Automotive MCU Functional Chips Product and Services

Table 24. Texas Instruments?US? Automotive MCU Functional Chips Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 25. Texas Instruments?US? Recent Developments/Updates

Table 26. STMicroelectronics?CH? Basic Information, Manufacturing Base and Competitors

Table 27. STMicroelectronics?CH? Major Business

Table 28. STMicroelectronics?CH? Automotive MCU Functional Chips Product and Services

Table 29. STMicroelectronics?CH? Automotive MCU Functional Chips Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 30. STMicroelectronics?CH? Recent Developments/Updates

Table 31. ON Semiconductor?US? Basic Information, Manufacturing Base and Competitors

Table 32. ON Semiconductor?US? Major Business

Table 33. ON Semiconductor?US? Automotive MCU Functional Chips Product and Services

Table 34. ON Semiconductor?US? Automotive MCU Functional Chips Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 35. ON Semiconductor?US? Recent Developments/Updates

Table 36. Microchip Technology?US? Basic Information, Manufacturing Base and Competitors

Table 37. Microchip Technology?US? Major Business

Table 38. Microchip Technology?US? Automotive MCU Functional Chips Product and Services

Table 39. Microchip Technology?US? Automotive MCU Functional Chips Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 40. Microchip Technology?US? Recent Developments/Updates

Table 41. Micron Technology?US? Basic Information, Manufacturing Base and

Competitors

Table 42. Micron Technology?US? Major Business

Table 43. Micron Technology?US? Automotive MCU Functional Chips Product and Services

Table 44. Micron Technology?US? Automotive MCU Functional Chips Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 45. Micron Technology?US? Recent Developments/Updates

Table 46. Samsung Electronics?KR? Basic Information, Manufacturing Base and Competitors

Table 47. Samsung Electronics?KR? Major Business

Table 48. Samsung Electronics?KR? Automotive MCU Functional Chips Product and Services

Table 49. Samsung Electronics?KR? Automotive MCU Functional Chips Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 50. Samsung Electronics?KR? Recent Developments/Updates

Table 51. GigaDevice?CN? Basic Information, Manufacturing Base and Competitors

Table 52. GigaDevice?CN? Major Business

Table 53. GigaDevice?CN? Automotive MCU Functional Chips Product and Services

Table 54. GigaDevice?CN? Automotive MCU Functional Chips Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 55. GigaDevice?CN? Recent Developments/Updates

Table 56. Beijing SiChip / Beijing Ingenic?CN? Basic Information, Manufacturing Base and Competitors

Table 57. Beijing SiChip / Beijing Ingenic?CN? Major Business

Table 58. Beijing SiChip / Beijing Ingenic?CN? Automotive MCU Functional Chips Product and Services

Table 59. Beijing SiChip / Beijing Ingenic?CN? Automotive MCU Functional Chips Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 60. Beijing SiChip / Beijing Ingenic?CN? Recent Developments/Updates

Table 61. Analog Devices?US? Basic Information, Manufacturing Base and Competitors

Table 62. Analog Devices?US? Major Business

Table 63. Analog Devices?US? Automotive MCU Functional Chips Product and Services

Table 64. Analog Devices?US? Automotive MCU Functional Chips Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and

Market Share (2021-2026)

Table 65. Analog Devices?US? Recent Developments/Updates

Table 66. Nanya Technology?TW? Basic Information, Manufacturing Base and Competitors

Table 67. Nanya Technology?TW? Major Business

Table 68. Nanya Technology?TW? Automotive MCU Functional Chips Product and Services

Table 69. Nanya Technology?TW? Automotive MCU Functional Chips Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 70. Nanya Technology?TW? Recent Developments/Updates

Table 71. SemiDrive Technology?CN? Basic Information, Manufacturing Base and Competitors

Table 72. SemiDrive Technology?CN? Major Business

Table 73. SemiDrive Technology?CN? Automotive MCU Functional Chips Product and Services

Table 74. SemiDrive Technology?CN? Automotive MCU Functional Chips Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 75. SemiDrive Technology?CN? Recent Developments/Updates

Table 76. Horizon Robotics?CN? Basic Information, Manufacturing Base and Competitors

Table 77. Horizon Robotics?CN? Major Business

Table 78. Horizon Robotics?CN? Automotive MCU Functional Chips Product and Services

Table 79. Horizon Robotics?CN? Automotive MCU Functional Chips Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 80. Horizon Robotics?CN? Recent Developments/Updates

Table 81. Star Semiconductor?CN? Basic Information, Manufacturing Base and Competitors

Table 82. Star Semiconductor?CN? Major Business

Table 83. Star Semiconductor?CN? Automotive MCU Functional Chips Product and Services

Table 84. Star Semiconductor?CN? Automotive MCU Functional Chips Sales Quantity (Million Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 85. Star Semiconductor?CN? Recent Developments/Updates

Table 86. Global Automotive MCU Functional Chips Sales Quantity by Manufacturer

(2021-2026) & (Million Units)

Table 87. Global Automotive MCU Functional Chips Revenue by Manufacturer

(2021-2026) & (USD Million)

Table 88. Global Automotive MCU Functional Chips Average Price by Manufacturer

(2021-2026) & (US\$/Unit)

Table 89. Market Position of Manufacturers in Automotive MCU Functional Chips, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025

Table 90. Head Office and Automotive MCU Functional Chips Production Site of Key Manufacturer

Table 91. Automotive MCU Functional Chips Market: Company Product Type Footprint

Table 92. Automotive MCU Functional Chips Market: Company Product Application Footprint

Table 93. Automotive MCU Functional Chips New Market Entrants and Barriers to Market Entry

Table 94. Automotive MCU Functional Chips Mergers, Acquisition, Agreements, and Collaborations

Table 95. Global Automotive MCU Functional Chips Consumption Value by Region (2021-2025-2032) & (USD Million) & CAGR

Table 96. Global Automotive MCU Functional Chips Sales Quantity by Region (2021-2026) & (Million Units)

Table 97. Global Automotive MCU Functional Chips Sales Quantity by Region (2027-2032) & (Million Units)

Table 98. Global Automotive MCU Functional Chips Consumption Value by Region (2021-2026) & (USD Million)

Table 99. Global Automotive MCU Functional Chips Consumption Value by Region (2027-2032) & (USD Million)

Table 100. Global Automotive MCU Functional Chips Average Price by Region (2021-2026) & (US\$/Unit)

Table 101. Global Automotive MCU Functional Chips Average Price by Region (2027-2032) & (US\$/Unit)

Table 102. Global Automotive MCU Functional Chips Sales Quantity by Type (2021-2026) & (Million Units)

Table 103. Global Automotive MCU Functional Chips Sales Quantity by Type (2027-2032) & (Million Units)

Table 104. Global Automotive MCU Functional Chips Consumption Value by Type (2021-2026) & (USD Million)

Table 105. Global Automotive MCU Functional Chips Consumption Value by Type (2027-2032) & (USD Million)

Table 106. Global Automotive MCU Functional Chips Average Price by Type

(2021-2026) & (US\$/Unit)

Table 107. Global Automotive MCU Functional Chips Average Price by Type

(2027-2032) & (US\$/Unit)

Table 108. Global Automotive MCU Functional Chips Sales Quantity by Application

(2021-2026) & (Million Units)

Table 109. Global Automotive MCU Functional Chips Sales Quantity by Application

(2027-2032) & (Million Units)

Table 110. Global Automotive MCU Functional Chips Consumption Value by Application

(2021-2026) & (USD Million)

Table 111. Global Automotive MCU Functional Chips Consumption Value by Application

(2027-2032) & (USD Million)

Table 112. Global Automotive MCU Functional Chips Average Price by Application

(2021-2026) & (US\$/Unit)

Table 113. Global Automotive MCU Functional Chips Average Price by Application

(2027-2032) & (US\$/Unit)

Table 114. North America Automotive MCU Functional Chips Sales Quantity by Type

(2021-2026) & (Million Units)

Table 115. North America Automotive MCU Functional Chips Sales Quantity by Type

(2027-2032) & (Million Units)

Table 116. North America Automotive MCU Functional Chips Sales Quantity by Application (2021-2026) & (Million Units)

Table 117. North America Automotive MCU Functional Chips Sales Quantity by Application (2027-2032) & (Million Units)

Table 118. North America Automotive MCU Functional Chips Sales Quantity by Country (2021-2026) & (Million Units)

Table 119. North America Automotive MCU Functional Chips Sales Quantity by Country (2027-2032) & (Million Units)

Table 120. North America Automotive MCU Functional Chips Consumption Value by Country (2021-2026) & (USD Million)

Table 121. North America Automotive MCU Functional Chips Consumption Value by Country (2027-2032) & (USD Million)

Table 122. Europe Automotive MCU Functional Chips Sales Quantity by Type (2021-2026) & (Million Units)

Table 123. Europe Automotive MCU Functional Chips Sales Quantity by Type (2027-2032) & (Million Units)

Table 124. Europe Automotive MCU Functional Chips Sales Quantity by Application (2021-2026) & (Million Units)

Table 125. Europe Automotive MCU Functional Chips Sales Quantity by Application (2027-2032) & (Million Units)

Table 126. Europe Automotive MCU Functional Chips Sales Quantity by Country (2021-2026) & (Million Units)

Table 127. Europe Automotive MCU Functional Chips Sales Quantity by Country (2027-2032) & (Million Units)

Table 128. Europe Automotive MCU Functional Chips Consumption Value by Country (2021-2026) & (USD Million)

Table 129. Europe Automotive MCU Functional Chips Consumption Value by Country (2027-2032) & (USD Million)

Table 130. Asia-Pacific Automotive MCU Functional Chips Sales Quantity by Type (2021-2026) & (Million Units)

Table 131. Asia-Pacific Automotive MCU Functional Chips Sales Quantity by Type (2027-2032) & (Million Units)

Table 132. Asia-Pacific Automotive MCU Functional Chips Sales Quantity by Application (2021-2026) & (Million Units)

Table 133. Asia-Pacific Automotive MCU Functional Chips Sales Quantity by Application (2027-2032) & (Million Units)

Table 134. Asia-Pacific Automotive MCU Functional Chips Sales Quantity by Region (2021-2026) & (Million Units)

Table 135. Asia-Pacific Automotive MCU Functional Chips Sales Quantity by Region (2027-2032) & (Million Units)

Table 136. Asia-Pacific Automotive MCU Functional Chips Consumption Value by Region (2021-2026) & (USD Million)

Table 137. Asia-Pacific Automotive MCU Functional Chips Consumption Value by Region (2027-2032) & (USD Million)

Table 138. South America Automotive MCU Functional Chips Sales Quantity by Type (2021-2026) & (Million Units)

Table 139. South America Automotive MCU Functional Chips Sales Quantity by Type (2027-2032) & (Million Units)

Table 140. South America Automotive MCU Functional Chips Sales Quantity by Application (2021-2026) & (Million Units)

Table 141. South America Automotive MCU Functional Chips Sales Quantity by Application (2027-2032) & (Million Units)

Table 142. South America Automotive MCU Functional Chips Sales Quantity by Country (2021-2026) & (Million Units)

Table 143. South America Automotive MCU Functional Chips Sales Quantity by Country (2027-2032) & (Million Units)

Table 144. South America Automotive MCU Functional Chips Consumption Value by Country (2021-2026) & (USD Million)

Table 145. South America Automotive MCU Functional Chips Consumption Value by

Country (2027-2032) & (USD Million)

Table 146. Middle East & Africa Automotive MCU Functional Chips Sales Quantity by Type (2021-2026) & (Million Units)

Table 147. Middle East & Africa Automotive MCU Functional Chips Sales Quantity by Type (2027-2032) & (Million Units)

Table 148. Middle East & Africa Automotive MCU Functional Chips Sales Quantity by Application (2021-2026) & (Million Units)

Table 149. Middle East & Africa Automotive MCU Functional Chips Sales Quantity by Application (2027-2032) & (Million Units)

Table 150. Middle East & Africa Automotive MCU Functional Chips Sales Quantity by Country (2021-2026) & (Million Units)

Table 151. Middle East & Africa Automotive MCU Functional Chips Sales Quantity by Country (2027-2032) & (Million Units)

Table 152. Middle East & Africa Automotive MCU Functional Chips Consumption Value by Country (2021-2026) & (USD Million)

Table 153. Middle East & Africa Automotive MCU Functional Chips Consumption Value by Country (2027-2032) & (USD Million)

Table 154. Automotive MCU Functional Chips Raw Material

Table 155. Key Manufacturers of Automotive MCU Functional Chips Raw Materials

Table 156. Automotive MCU Functional Chips Typical Distributors

Table 157. Automotive MCU Functional Chips Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. Automotive MCU Functional Chips Picture

Figure 2. Global Automotive MCU Functional Chips Revenue by Type, (USD Million), 2021 & 2025 & 2032

Figure 3. Global Automotive MCU Functional Chips Revenue Market Share by Type in 2025

Figure 4. 8-bit MCU Examples

Figure 5. 16-bit MCU Examples

Figure 6. 32-bit MCU Examples

Figure 7. Global Automotive MCU Functional Chips Revenue by Product Architecture, (USD Million), 2021 & 2025 & 2032

Figure 8. Global Automotive MCU Functional Chips Revenue Market Share by Product Architecture in 2025

Figure 9. Based on 8051 Architecture Examples

Figure 10. Based on ARM Architecture Examples

Figure 11. Based on RISC-V Architecture Examples

Figure 12. Global Automotive MCU Functional Chips Revenue by Function, (USD Million), 2021 & 2025 & 2032

Figure 13. Global Automotive MCU Functional Chips Revenue Market Share by Function in 2025

Figure 14. Powertrain Control Examples

Figure 15. Battery Management Examples

Figure 16. In-Vehicle Infotainment Systems Examples

Figure 17. Advanced Driver Assistance Systems (ADAS) Examples

Figure 18. Global Automotive MCU Functional Chips Revenue by Sales Channel, (USD Million), 2021 & 2025 & 2032

Figure 19. Global Automotive MCU Functional Chips Revenue Market Share by Sales Channel in 2025

Figure 20. Online Sales Examples

Figure 21. Offline Sales Examples

Figure 22. Global Automotive MCU Functional Chips Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 23. Global Automotive MCU Functional Chips Revenue Market Share by Application in 2025

Figure 24. Passenger Vehicles Examples

Figure 25. Commercial Vehicles Examples

Figure 26. Global Automotive MCU Functional Chips Consumption Value, (USD Million): 2021 & 2025 & 2032

Figure 27. Global Automotive MCU Functional Chips Consumption Value and Forecast (2021-2032) & (USD Million)

Figure 28. Global Automotive MCU Functional Chips Sales Quantity (2021-2032) & (Million Units)

Figure 29. Global Automotive MCU Functional Chips Price (2021-2032) & (US\$/Unit)

Figure 30. Global Automotive MCU Functional Chips Sales Quantity Market Share by Manufacturer in 2025

Figure 31. Global Automotive MCU Functional Chips Revenue Market Share by Manufacturer in 2025

Figure 32. Producer Shipments of Automotive MCU Functional Chips by Manufacturer Sales (\$MM) and Market Share (%): 2025

Figure 33. Top 3 Automotive MCU Functional Chips Manufacturer (Revenue) Market Share in 2025

Figure 34. Top 6 Automotive MCU Functional Chips Manufacturer (Revenue) Market Share in 2025

Figure 35. Global Automotive MCU Functional Chips Sales Quantity Market Share by Region (2021-2032)

Figure 36. Global Automotive MCU Functional Chips Consumption Value Market Share by Region (2021-2032)

Figure 37. North America Automotive MCU Functional Chips Consumption Value (2021-2032) & (USD Million)

Figure 38. Europe Automotive MCU Functional Chips Consumption Value (2021-2032) & (USD Million)

Figure 39. Asia-Pacific Automotive MCU Functional Chips Consumption Value (2021-2032) & (USD Million)

Figure 40. South America Automotive MCU Functional Chips Consumption Value (2021-2032) & (USD Million)

Figure 41. Middle East & Africa Automotive MCU Functional Chips Consumption Value (2021-2032) & (USD Million)

Figure 42. Global Automotive MCU Functional Chips Sales Quantity Market Share by Type (2021-2032)

Figure 43. Global Automotive MCU Functional Chips Consumption Value Market Share by Type (2021-2032)

Figure 44. Global Automotive MCU Functional Chips Average Price by Type (2021-2032) & (US\$/Unit)

Figure 45. Global Automotive MCU Functional Chips Sales Quantity Market Share by Application (2021-2032)

Figure 46. Global Automotive MCU Functional Chips Revenue Market Share by Application (2021-2032)

Figure 47. Global Automotive MCU Functional Chips Average Price by Application (2021-2032) & (US\$/Unit)

Figure 48. North America Automotive MCU Functional Chips Sales Quantity Market Share by Type (2021-2032)

Figure 49. North America Automotive MCU Functional Chips Sales Quantity Market Share by Application (2021-2032)

Figure 50. North America Automotive MCU Functional Chips Sales Quantity Market Share by Country (2021-2032)

Figure 51. North America Automotive MCU Functional Chips Consumption Value Market Share by Country (2021-2032)

Figure 52. United States Automotive MCU Functional Chips Consumption Value (2021-2032) & (USD Million)

Figure 53. Canada Automotive MCU Functional Chips Consumption Value (2021-2032) & (USD Million)

Figure 54. Mexico Automotive MCU Functional Chips Consumption Value (2021-2032) & (USD Million)

Figure 55. Europe Automotive MCU Functional Chips Sales Quantity Market Share by Type (2021-2032)

Figure 56. Europe Automotive MCU Functional Chips Sales Quantity Market Share by Application (2021-2032)

Figure 57. Europe Automotive MCU Functional Chips Sales Quantity Market Share by Country (2021-2032)

Figure 58. Europe Automotive MCU Functional Chips Consumption Value Market Share by Country (2021-2032)

Figure 59. Germany Automotive MCU Functional Chips Consumption Value (2021-2032) & (USD Million)

Figure 60. France Automotive MCU Functional Chips Consumption Value (2021-2032) & (USD Million)

Figure 61. United Kingdom Automotive MCU Functional Chips Consumption Value (2021-2032) & (USD Million)

Figure 62. Russia Automotive MCU Functional Chips Consumption Value (2021-2032) & (USD Million)

Figure 63. Italy Automotive MCU Functional Chips Consumption Value (2021-2032) & (USD Million)

Figure 64. Asia-Pacific Automotive MCU Functional Chips Sales Quantity Market Share by Type (2021-2032)

Figure 65. Asia-Pacific Automotive MCU Functional Chips Sales Quantity Market Share

by Application (2021-2032)

Figure 66. Asia-Pacific Automotive MCU Functional Chips Sales Quantity Market Share by Region (2021-2032)

Figure 67. Asia-Pacific Automotive MCU Functional Chips Consumption Value Market Share by Region (2021-2032)

Figure 68. China Automotive MCU Functional Chips Consumption Value (2021-2032) & (USD Million)

Figure 69. Japan Automotive MCU Functional Chips Consumption Value (2021-2032) & (USD Million)

Figure 70. South Korea Automotive MCU Functional Chips Consumption Value (2021-2032) & (USD Million)

Figure 71. India Automotive MCU Functional Chips Consumption Value (2021-2032) & (USD Million)

Figure 72. Southeast Asia Automotive MCU Functional Chips Consumption Value (2021-2032) & (USD Million)

Figure 73. Australia Automotive MCU Functional Chips Consumption Value (2021-2032) & (USD Million)

Figure 74. South America Automotive MCU Functional Chips Sales Quantity Market Share by Type (2021-2032)

Figure 75. South America Automotive MCU Functional Chips Sales Quantity Market Share by Application (2021-2032)

Figure 76. South America Automotive MCU Functional Chips Sales Quantity Market Share by Country (2021-2032)

Figure 77. South America Automotive MCU Functional Chips Consumption Value Market Share by Country (2021-2032)

Figure 78. Brazil Automotive MCU Functional Chips Consumption Value (2021-2032) & (USD Million)

Figure 79. Argentina Automotive MCU Functional Chips Consumption Value (2021-2032) & (USD Million)

Figure 80. Middle East & Africa Automotive MCU Functional Chips Sales Quantity Market Share by Type (2021-2032)

Figure 81. Middle East & Africa Automotive MCU Functional Chips Sales Quantity Market Share by Application (2021-2032)

Figure 82. Middle East & Africa Automotive MCU Functional Chips Sales Quantity Market Share by Country (2021-2032)

Figure 83. Middle East & Africa Automotive MCU Functional Chips Consumption Value Market Share by Country (2021-2032)

Figure 84. Turkey Automotive MCU Functional Chips Consumption Value (2021-2032) & (USD Million)

Figure 85. Egypt Automotive MCU Functional Chips Consumption Value (2021-2032) & (USD Million)

Figure 86. Saudi Arabia Automotive MCU Functional Chips Consumption Value (2021-2032) & (USD Million)

Figure 87. South Africa Automotive MCU Functional Chips Consumption Value (2021-2032) & (USD Million)

Figure 88. Automotive MCU Functional Chips Market Drivers

Figure 89. Automotive MCU Functional Chips Market Restraints

Figure 90. Automotive MCU Functional Chips Market Trends

Figure 91. Porters Five Forces Analysis

Figure 92. Manufacturing Cost Structure Analysis of Automotive MCU Functional Chips in 2025

Figure 93. Manufacturing Process Analysis of Automotive MCU Functional Chips

Figure 94. Automotive MCU Functional Chips Industrial Chain

Figure 95. Sales Channel: Direct to End-User vs Distributors

Figure 96. Direct Channel Pros & Cons

Figure 97. Indirect Channel Pros & Cons

Figure 98. Methodology

Figure 99. Research Process and Data Source

I would like to order

Product name: Global Automotive MCU Functional Chips Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

Product link: <https://marketpublishers.com/r/GBEB7406811EEN.html>

Price: US\$ 3,480.00 (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/GBEB7406811EEN.html>