

Global Automotive Grade MCU Chip Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/G1A224D6FFA5EN.html>

Date: February 2023

Pages: 130

Price: US\$ 4,480.00 (Single User License)

ID: G1A224D6FFA5EN

Abstracts

Automotive Grade MCU Chips require far more than industrial-grade and consumer-grade MCU chips in terms of functional safety, data security, and reliability. They are the core of all key automotive subsystems and are mainly used in smart cockpits, automotive lighting, assisted driving, and chassis power. system and other modules.

This report studies the global Automotive Grade MCU Chip production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Automotive Grade MCU Chip, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Automotive Grade MCU Chip that contribute to its increasing demand across many markets.

The global Automotive Grade MCU Chip market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

Highlights and key features of the study

Global Automotive Grade MCU Chip total production and demand, 2018-2029, (K Units)

Global Automotive Grade MCU Chip total production value, 2018-2029, (USD Million)

Global Automotive Grade MCU Chip production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Automotive Grade MCU Chip consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Automotive Grade MCU Chip domestic production, consumption, key domestic manufacturers and share

Global Automotive Grade MCU Chip production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Automotive Grade MCU Chip production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Automotive Grade MCU Chip production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units)

This reports profiles key players in the global Automotive Grade MCU Chip market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Infineon, Texas Instruments, Microchip Technology, ST Microelectronics, Cypress Semiconductor Corporation, Renesas Electronics, NXP Semiconductors, ON Semiconductor and Bosch, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Automotive Grade MCU Chip market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Automotive Grade MCU Chip Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Automotive Grade MCU Chip Market, Segmentation by Type

8 Bits

16 Bits

32 Bits

Global Automotive Grade MCU Chip Market, Segmentation by Application

Low-end Control Functions (Fans, Air Conditioners, Wipers, Dashboards, etc.)

Mid-end Control Functions (Power System, Chassis and Electronic Brakes, etc.)

High-end Control Functions (Autonomous Driving, etc.)

Companies Profiled:

Infineon

Texas Instruments

Microchip Technology

ST Microelectronics

Cypress Semiconductor Corporation

Renesas Electronics

NXP Semiconductors

ON Semiconductor

Bosch

Shanghai Xinwang Microelectronics Technology Co., Ltd.

Anhui Sine Microelectronics Co.,Ltd.

BYD

AutoChips

Chipways

Huada Beidou

Shenzhen Hangshun Chip Technology Development Co., Ltd.

Chipsea Technologies (Shenzhen) Corp., Ltd.

C*core Technology Co.,Ltd.

Nations Technologies Inc.

Semidrive Semiconductor

Key Questions Answered

1. How big is the global Automotive Grade MCU Chip market?
2. What is the demand of the global Automotive Grade MCU Chip market?
3. What is the year over year growth of the global Automotive Grade MCU Chip market?
4. What is the production and production value of the global Automotive Grade MCU Chip market?
5. Who are the key producers in the global Automotive Grade MCU Chip market?
6. What are the growth factors driving the market demand?

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