

# **Global Microcontroller Market Size by Product Type (8-Bit Microcontroller, 16-Bit Microcontroller, and 32-Bit Microcontroller) and by Application (Automotive, Consumer Electronics, Industrial, Medical Devices, Military & Defense, and Others), and Regional Forecasts 2021-2027**

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## **Abstracts**

Global Microcontroller Market is valued approximately at USD 18.38 Billion in 2020 and is anticipated to grow with a healthy growth rate of more than 11.50% over the forecast period 2021-2027. Micro controller is a small computer on a single metal-oxide semiconductor integrated chip. It contains one or more CPUs coupled with memory and programmable input output devices. It is used in automatically controlled devices such as keyboards, fax machines, washers, microwave ovens etc. The growth in micro controllers market is expected to rise in the retail, automotive and other industries because micro controller ensures smooth management of electronic devices. This is a driving factor for the market. New technologies such as touch screen and timer also contributes to the growth of the industry. However, the slowdown in the industries such as automotive due to the pandemic, restrained the growth of the micro controller market as it depends upon these industries for its market. The growing market of connected devices such as smartphones, televisions, tablets etc. gives the micro controller market an opportunity to enhance technology used. For instance: - IoT equipped MCUs have seen a surge in their demand owing to the presence of these devices.

By region, the market for global microcontroller is segmented into key regions such as Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America was the region with highest market revenue share of 38.31% in the year 2020 because of large consumer base for smartphones, tablets etc. Increased adaption of

IoT systems in homes and offices also contributes to the growth of the region. Europe is the second fastest growing region owing to the presence of manufacturing plants of luxury cars such as BMW, Mercedes-Benz and Porsche. Asia Pacific is also expected have a significant growth for the forecasted period.

Major market player included in this report are

Analog Devices, Inc.

Microchip Technology Inc.

Panasonic Corporation

Renesas Electronics Corporation

NXP Semiconductors

STMicroelectronics

Infineon Technologies AG

Texas Instruments Incorporated

Zilog, Inc.

Maxim Integrated

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Product Type:

8-Bit Microcontroller

16-Bit Microcontroller

32-Bit Microcontroller

By Application:

Automotive

Consumer Electronics

Industrial

Medical Devices

Military & Defense

Others

**By Region:**

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019

Base year – 2020

Forecast period – 2021 to 2027.

Target Audience of the Global Microcontroller Market in Market Study:

Key Consulting Companies &amp; Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

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