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Global IoT Microcontroller Market Size study & Forecast, by Product type (8 bit, 16 Bit. 32 Bit) by Application (Industrial Automation, Smart Homes, Consumer Electronics, Smart Wearables) and Regional Analysis, 2022-2029

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Abstracts

Global IoT Microcontroller Market is valued approximately USD 4.69 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 12.7% over the forecast period 2022-2029. Microcontrollers are tiny, self-contained computers that are accommodated on a microchip. They enable connectivity and control in all the things that are not being able to get connected onto the internet. The IoT Microcontroller market is expanding because of increasing demand for IoT connections and rising demand from the end-user industries.

For instance: according to Statista, the number of IoT connections is expected to go to 29 billion units, by the year end 2030 from 9.7 billion units, by the year end 2020. However, lack of industry standards and privacy issues and lack of data security may halt market growth.

The key regions considered for the Global IoT Microcontroller Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. Asia Pacific dominated the space in terms of revenue, owing to increasing demand for smart wearables. Europe is expected to grow significantly during the forecast period, owing to favorable government initiatives.

Major market player included in this report are:
Texas Instruments Incorporated
Broadcom

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Espressif Systems (Shanghai) Co., Ltd
Holtek Semiconductor Inc.
Infineon Technologies
Microchip Technology Inc.
Nuvoton Technology Corporation
NXP Semiconductors
Silicon Laboratories
STMicroelectronics

Recent Developments in the Market:
In May 2020, NXP Semiconductor and OKdo, one of Electrocomponents Group's business units, entered into partnership, to develop E1, a single board computer (SBC). The SBC, integrates the LPC55S69 Microcontroller from NXP and provides a high-performance, secure, low-cost platform for IoT applications and aids the company in growing its clientele.
Global IoT Microcontroller Market Report Scope:
Historical Data 2019-2020-2021
Base Year for Estimation 2021
Forecast period 2022-2029
Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends
Segments Covered Product Type, Application and Region
Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World
Customization Scope Free report customization (equivalent up to 8 analyst’s working hours) with purchase. Addition or alteration to country, regional & segment scope*

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 years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential 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
16 Bit

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32 Bit

By Application:
Industrial Automation
Smart Homes
Consumer Electronics
Smart Wearables
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

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