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IoT Microcontroller Market Report: Trends, Forecast and Competitive Analysis

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Abstracts

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The future of the IoT microcontroller market looks promising with opportunities in industrial automation, smart home, consumer electronic, medical device, and automotive applications. The global IoT microcontroller market is expected to decline in 2020 due to the global economic recession led by the COVID-19 pandemic. However, the market will witness recovery in the year 2021, and it is expected grow with a CAGR of 9% to 11% from 2020 to 2025. The major drivers for this market are growth in the application of internet of things to meet the demand of technologically advanced products and growing demand for smaller electronic components.

A more than 150 page report is developed to help in your business decisions. Sample figures with some insights are shown below. To learn the scope of, benefits, companies researched and other details of IoT microcontroller market report download the report brochure.

The study includes trends and forecasts for the global IoT microcontroller market by product, application, and region as follows:

By Product [$M shipment analysis for 2014 – 2025]:

8-bit

16-bit

32-bit

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By Application [$M shipment analysis for 2014 – 2025]:

- Industrial Automation
- Smart Homes
- Consumer Electronics
- Medical Devices
- Automotive
- Others

By Region [$M shipment analysis for 2014 – 2025]:

- North America
  - United States
  - Canada
  - Mexico
- Europe
  - Germany
  - United Kingdom
  - France
  - Italy
- Asia Pacific

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China

Japan

India

South Korea

The Rest of the World

Some of the IoT microcontroller companies profiled in this report include Atmel Corporation, ARM, NXP Semiconductors, Microchip Technology Inc, Broadcom Corporation, Infineon Technologies, Texas Instruments, STMicroelectronics, and Silicon Labs

Lucintel forecasts that 32-bit will remain the largest product segment during the forecast period due to its wide usage in various IoT applications. 32-bit IoT microcontrollers have high RAM size and better performance.

Consumer electronics will remain the largest application segment during the forecast period due to growing adoption of smart wearables, such as wristwear, eyewear, and more.

North America will remain the largest region over the forecast period due to technological development in the field of smart devices and existence of a large number of manufacturers in the region.

Features of IoT Microcontroller Market

Market Size Estimates: IoT microcontroller market size estimation in terms of value ($M)

Trend and Forecast Analysis: Market trends (2014-2019) and forecast (2020-2025) by various segments and regions.

Segmentation Analysis: Market size by product and application

Regional Analysis: IoT microcontroller market breakdown by North America,

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Europe, Asia Pacific, and the Rest of the World.

Growth Opportunities: Analysis on growth opportunities in different product, application, and regions for IoT microcontroller market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape for the IoT microcontroller market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

This report answers following 11 key questions

Q.1 What are some of the most promising potential, high-growth opportunities for the global IoT microcontroller market by product (8-bit, 16-bit, and 32-bit), application (industrial automation, smart homes, consumer electronics, medical devices, automotive, and others), and region (North America, Europe, Asia Pacific, and the Rest of the World)?
Q.2 Which segments will grow at a faster pace and why?
Q.3 Which regions will grow at a faster pace and why?
Q.4 What are the key factors affecting market dynamics? What are the drivers and challenges of the IoT microcontroller market?
Q.5 What are the business risks and threats to the IoT microcontroller market?
Q.6 What are emerging trends in this IoT microcontroller market and the reasons behind them?
Q.7 What are some changing demands of customers in the IoT microcontroller market?
Q.8 What are the new developments in the IoT microcontroller market? Which companies are leading these developments?
Q.9 Who are the major players in the IoT microcontroller market? What strategic initiatives are being implemented by key players for business growth?
Q.10 What are some of the competitive products and processes in the IoT microcontroller market, and how big of a threat do they pose for loss of market share via material or product substitution?
Q.11 What M&A activities did take place in the last five years in the IoT microcontroller market?

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