

# Global IoT Chip Market 2020-2030 by Component (Hardware, Software), Power, Industry Vertical, and Region: Trend Forecast and Growth Opportunity

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## Abstracts

Global IoT chip market will reach \$30.4 billion by 2030, growing by 10.5% annually over 2020-2030 with a CAGR of 22.1% for annual sales volume, owing to growing penetration of Internet of Things (IoT), development of internet connectivity, the integration of connectivity in a large number of mobile devices and applications, and technological advancements in 5G Network, artificial intelligence, machine learning, smart homes, and smart cities.

Highlighted with 82 tables and 82 figures, this 169-page report “Global IoT Chip Market 2020-2030 by Component (Hardware, Software), Power, Industry Vertical, and Region: Trend Forecast and Growth Opportunity” is based on a comprehensive research of the entire global IoT chip market and all its sub-segments through extensively detailed classifications. Profound analysis and assessment are generated from premium primary and secondary information sources with inputs derived from industry professionals across the value chain. The report is based on studies on 2017-2019 and provides estimate for 2020 and forecast from 2021 till 2030 with 2019 as the base year.

(Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

In-depth qualitative analyses include identification and investigation of the following aspects:

Market Structure

Growth Drivers

Restraints and Challenges

## Emerging Product Trends & Market Opportunities

### Porter's Fiver Forces

The trend and outlook of global market is forecast in optimistic, balanced, and conservative view by taking into account of COVID-19. The balanced (most likely) projection is used to quantify global IoT chip market in every aspect of the classification from perspectives of Component, Power, Industry Vertical, and Region.

Based on Component, the global market is segmented into the following sub-markets with annual revenue (\$ mn) for 2019-2030 included in each section.

Hardware

Sensors

Connectivity IC

Processors

Memory Devices

Logic Devices

Other Hardware Components

Software

Based on Power, the global market is segmented into the following sub-markets with annual revenue (\$ mn) for 2019-2030 included in each section.

1–3 W

3–5 W

5–10 W

> 10 W

Based on Industry Vertical, the global market is segmented into the following sub-markets with annual revenue (\$ mn) for 2019-2030 included in each section.

Consumer Electronics

Automotive and Transportation

Healthcare

Manufacturing

BFSI

Retail Industry

Building Automation

Other Industry Verticals

Geographically, the following regions together with the listed national/local markets are fully investigated:

APAC (Japan, China, South Korea, Australia, India, and Rest of APAC; Rest of APAC is further segmented into Malaysia, Singapore, Indonesia, Thailand, New Zealand, Vietnam, Taiwan, and Philippines)

Europe (Germany, UK, France, Spain, Italy, Russia, Rest of Europe; Rest of Europe is further segmented into Netherlands, Switzerland, Poland, Sweden, Belgium, Austria, Ireland, Norway, Denmark, and Finland)

North America (U.S., Canada, and Mexico)

South America (Brazil, Chile, Argentina, Rest of South America)

MEA (UAE, Saudi Arabia, South Africa)

For each aforementioned region and country, detailed analysis and data for annual revenue (\$ mn) are available for 2019-2030. The breakdown of all regional markets by country and split of key national markets by Component, Power, and Industry Vertical over the forecast years are also included.

The report also covers current competitive scenario and the predicted trend; and profiles key vendors including market leaders and important emerging players.

Specifically, potential risks associated with investing in global IoT chip market are assayed quantitatively and qualitatively through GMD's Risk Assessment System. According to the risk analysis and evaluation, Critical Success Factors (CSFs) are generated as a guidance to help investors & stockholders identify emerging opportunities, manage and minimize the risks, develop appropriate business models, and make wise strategies and decisions.

Key Players (this may not be a complete list and extra companies can be added upon request):

Advanced Micro Devices Inc.  
Analog Devices, Inc.  
Arm Ltd.  
Cisco Systems Inc.  
Cypress Semiconductor Corporation  
Huawei Technologies Co., Ltd.  
Intel Corporation  
MediaTek Inc.  
Microchip Technology Inc.  
NVIDIA Corporation  
NXP Semiconductors NV  
QUALCOMM Incorporated  
Renesas Electronics Corporation  
Robert Bosch GmbH  
Samsung Electronics Co. Ltd.  
SK Hynix Inc.  
STMicroelectronics  
Texas Instruments Incorporated  
Toshiba Corporation

(Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

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  - NXP Semiconductors NV
  - QUALCOMM Incorporated
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Toshiba Corporation

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