

Asia Pacific IoT Chip Market 2020-2030 by Component (Hardware, Software), Power, Industry Vertical, and Country: Trend Forecast and Growth Opportunity

<https://marketpublishers.com/r/A2CF13D3616AEN.html>

Date: April 2021

Pages: 112

Price: US\$ 2,465.00 (Single User License)

ID: A2CF13D3616AEN

Abstracts

Asia Pacific IoT chip market will grow by 11.1% annually with a total addressable market cap of \$67.61 billion over 2021-2030 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 29 tables and 47 figures, this 112-page report “Asia Pacific IoT Chip Market 2020-2030 by Component (Hardware, Software), Power, Industry Vertical, and Country: Trend Forecast and Growth Opportunity” is based on a comprehensive research of the entire Asia Pacific 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 Asia Pacific 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 Asia Pacific IoT chip market in every aspect of the classification from perspectives of Component, Power, Industry Vertical, and Country. Based on Component, the Asia Pacific 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 Asia Pacific 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 Asia Pacific 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 national/local markets are fully investigated:

Japan

China

South Korea

Australia

India

Rest of APAC (further segmented into Malaysia, Singapore, Indonesia, Thailand, New Zealand, Vietnam, Taiwan, and Philippines)

For each key country, detailed analysis and data for annual revenue (\$ mn) are available for 2019-2030. The breakdown 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 Asia Pacific 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.)

Contents

1 INTRODUCTION

- 1.1 Industry Definition and Research Scope
 - 1.1.1 Industry Definition
 - 1.1.2 Research Scope
- 1.2 Research Methodology
 - 1.2.1 Overview of Market Research Methodology
 - 1.2.2 Market Assumption
 - 1.2.3 Secondary Data
 - 1.2.4 Primary Data
 - 1.2.5 Data Filtration and Model Design
 - 1.2.6 Market Size/Share Estimation
 - 1.2.7 Research Limitations
- 1.3 Executive Summary

2 MARKET OVERVIEW AND DYNAMICS

- 2.1 Market Size and Forecast
 - 2.1.1 Impact of COVID-19 on the Market
- 2.2 Major Growth Drivers
- 2.3 Market Restraints and Challenges
- 2.4 Emerging Opportunities and Market Trends
- 2.5 Porter's Fiver Forces Analysis

3 SEGMENTATION OF ASIA PACIFIC MARKET BY COMPONENT

- 3.1 Market Overview by Component
- 3.2 Hardware
 - 3.2.1 Sensors
 - 3.2.2 Connectivity IC
 - 3.2.3 Processors
 - 3.2.4 Memory Devices
 - 3.2.5 Logic Devices
 - 3.2.6 Other Hardware Components
- 3.3 Software

4 SEGMENTATION OF ASIA PACIFIC MARKET BY POWER

4.1 Market Overview by Power

4.2 4.3 1–3 W

4.4 3–5 W

4.5 5–10 W

4.6 > 10 W

5 SEGMENTATION OF ASIA PACIFIC MARKET BY INDUSTRY VERTICAL

5.1 Market Overview by Industry Vertical

5.2 Consumer Electronics

5.3 Automotive and Transportation

5.4 Healthcare

5.5 Manufacturing

5.6 BFSI

5.7 Retail Industry

5.8 Building Automation

5.9 Other Industry Verticals

6 ASIA-PACIFIC MARKET 2019-2030 BY COUNTRY

6.1 Overview of Asia-Pacific Market

6.2 Japan

6.3 China

6.4 Australia

6.5 India

6.6 South Korea

6.7 Rest of APAC Region

7 COMPETITIVE LANDSCAPE

7.1 Overview of Key Vendors

7.2 New Product Launch, Partnership, Investment, and M&A

7.3 Company Profiles

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

8 INVESTING IN ASIA PACIFIC MARKET: RISK ASSESSMENT AND MANAGEMENT

8.1 Risk Evaluation of Asia Pacific Market
8.2 Critical Success Factors (CSFs)
Related Reports and Products

List Of Tables

LIST OF TABLES

Table 1. Snapshot of Asia Pacific IoT Chip Market in Balanced Perspective, 2019-2030
Table 2. Main Product Trends and Market Opportunities in Asia Pacific IoT Chip Market
Table 3. Asia Pacific IoT Chip Market by Component, 2019-2030, \$ mn
Table 4. Asia Pacific IoT Chip Market: Hardware by Segment, 2019-2030, \$ mn
Table 5. Asia Pacific IoT Chip Market by Power, 2019-2030, \$ mn
Table 6. Asia Pacific IoT Chip Market by Industry Vertical, 2019-2030, \$ mn
Table 7. APAC IoT Chip Market by Country, 2019-2030, \$ mn
Table 8. Japan IoT Chip Market by Component, 2019-2030, \$ mn
Table 9. Japan IoT Chip Market by Power, 2019-2030, \$ mn
Table 10. Japan IoT Chip Market by Industry Vertical, 2019-2030, \$ mn
Table 11. China IoT Chip Market by Component, 2019-2030, \$ mn
Table 12. China IoT Chip Market by Power, 2019-2030, \$ mn
Table 13. China IoT Chip Market by Industry Vertical, 2019-2030, \$ mn
Table 14. Australia IoT Chip Market by Component, 2019-2030, \$ mn
Table 15. Australia IoT Chip Market by Power, 2019-2030, \$ mn
Table 16. Australia IoT Chip Market by Industry Vertical, 2019-2030, \$ mn
Table 17. India IoT Chip Market by Component, 2019-2030, \$ mn
Table 18. India IoT Chip Market by Power, 2019-2030, \$ mn
Table 19. India IoT Chip Market by Industry Vertical, 2019-2030, \$ mn
Table 20. South Korea IoT Chip Market by Component, 2019-2030, \$ mn
Table 21. South Korea IoT Chip Market by Power, 2019-2030, \$ mn
Table 22. South Korea IoT Chip Market by Industry Vertical, 2019-2030, \$ mn
Table 23. IoT Chip Market in Rest of APAC by Country/Region, 2019-2030, \$ mn
Table 24. Advanced Micro Devices Inc.: Company Snapshot
Table 25. Advanced Micro Devices Inc.: Business Segmentation
Table 26. Advanced Micro Devices Inc.: Product Portfolio
Table 27. Advanced Micro Devices Inc.: Revenue, 2017-2019, \$ mn
Table 28. Risk Evaluation for Investing in Asia Pacific Market, 2019-2030
Table 29. Critical Success Factors and Key Takeaways

List Of Figures

LIST OF FIGURES

Figure 1. Research Method Flow Chart

Figure 2. Breakdown of Primary Research

Figure 3. Bottom-up Approach and Top-down Approach for Market Estimation

Figure 4. Asia Pacific Market Forecast in Optimistic, Conservative and Balanced Perspectives, 2019-2030

Figure 5. Asia Pacific IoT Chip Market, 2019-2030, \$ mn and million units

Figure 6. Impact of COVID-19 on Business

Figure 7. Primary Drivers and Impact Factors of Asia Pacific IoT Chip Market

Figure 8. World Industrial IoT Market, 2019-2030, \$ mn

Figure 9. Primary Restraints and Impact Factors of Asia Pacific IoT Chip Market

Figure 10. Investment Opportunity Analysis

Figure 11. Porter's Five Forces Analysis of Asia Pacific IoT Chip Market

Figure 12. Breakdown of Asia Pacific IoT Chip Market by Component, 2019-2030, % of Revenue

Figure 13. Asia Pacific Addressable Market Cap in 2021-2030 by Component, Value (\$ mn) and Share (%)

Figure 14. Asia Pacific IoT Chip Market: Hardware, 2019-2030, \$ mn

Figure 15. Asia Pacific IoT Chip Market: Sensors, 2019-2030, \$ mn

Figure 16. Asia Pacific IoT Chip Market: Connectivity IC, 2019-2030, \$ mn

Figure 17. Asia Pacific IoT Chip Market: Processors, 2019-2030, \$ mn

Figure 18. Asia Pacific IoT Chip Market: Memory Devices, 2019-2030, \$ mn

Figure 19. Asia Pacific IoT Chip Market: Logic Devices, 2019-2030, \$ mn

Figure 20. Asia Pacific IoT Chip Market: Other Hardware Components, 2019-2030, \$ mn

Figure 21. Asia Pacific IoT Chip Market: Software, 2019-2030, \$ mn

Figure 22. Breakdown of Asia Pacific IoT Chip Market by Power, 2019-2030, % of Sales Revenue

Figure 23. Asia Pacific Addressable Market Cap in 2021-2030 by Power, Value (\$ mn) and Share (%)

Figure 24. Asia Pacific IoT Chip Market: 1–3 W, 2019-2030, \$ mn

Figure 25. Asia Pacific IoT Chip Market: 3–5 W, 2019-2030, \$ mn

Figure 26. Asia Pacific IoT Chip Market: 5–10 W, 2019-2030, \$ mn

Figure 27. Asia Pacific IoT Chip Market: > 10 W, 2019-2030, \$ mn

Figure 28. Breakdown of Asia Pacific IoT Chip Market by Industry Vertical, 2019-2030,

% of Sales Revenue

Figure 30. Asia Pacific Addressable Market Cap in 2021-2030 by Industry Vertical, Value (\$ mn) and Share (%)

Figure 31. Asia Pacific IoT Chip Market: Consumer Electronics, 2019-2030, \$ mn

Figure 32. Asia Pacific IoT Chip Market: Automotive and Transportation, 2019-2030, \$ mn

Figure 33. Asia Pacific IoT Chip Market: Healthcare, 2019-2030, \$ mn

Figure 34. Asia Pacific IoT Chip Market: Manufacturing, 2019-2030, \$ mn

Figure 35. Asia Pacific IoT Chip Market: BFSI, 2019-2030, \$ mn

Figure 36. Asia Pacific IoT Chip Market: Retail Industry, 2019-2030, \$ mn

Figure 37. Asia Pacific IoT Chip Market: Building Automation, 2019-2030, \$ mn

Figure 38. Asia Pacific IoT Chip Market: Other Industry Verticals, 2019-2030, \$ mn

Figure 39. Breakdown of APAC IoT Chip Market by Country, 2019 and 2030F, % of Revenue

Figure 40. Contribution to APAC 2021-2030 Cumulative Revenue by Country, Value (\$ mn) and Share (%)

Figure 41. IoT Chip Market in Japan, 2019-2030, \$ mn

Figure 42. IoT Chip Market in China, 2019-2030, \$ mn

Figure 43. IoT Chip Market in Australia, 2019-2030, \$ mn

Figure 44. IoT Chip Market in India, 2019-2030, \$ mn

Figure 45. IoT Chip Market in South Korea, 2019-2030, \$ mn

Figure 46. IoT Chip Market in Rest of APAC, 2019-2030, \$ mn

Figure 47. Growth Stage of Asia Pacific IoT Chip Industry over the Forecast Period

I would like to order

Product name: Asia Pacific IoT Chip Market 2020-2030 by Component (Hardware, Software), Power, Industry Vertical, and Country: Trend Forecast and Growth Opportunity

Product link: <https://marketpublishers.com/r/A2CF13D3616AEN.html>

Price: US\$ 2,465.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/A2CF13D3616AEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

