

Asia Pacific ASIC Chip Market (2019-2025)

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Abstracts

The Asia Pacific ASIC Chip Market would witness market growth of 8.9% CAGR during the forecast period (2019-2025).

The ASIC chip market is expected to see a strong growth rate during the forecast period due to high smartphone usage, a significant increase in the portable electronics market, an increase in the popularity of the Internet of Things (IoT) and a strong demand in the automation industry. However, the evolving trend of wearable devices, smart watches, connected cars, connected homes and others is expected to offer new possibilities for market growth. The technological development of the emerging economies in Asia-Pacific is boosting the growth of the ASIC chip market.

The ASIC chips are used primarily in data centers. The use of chips in a range of data center applications acts as a market opportunity. These applications may include network systems, cellular base stations, telecommunications switching, optoelectronics, and wireless devices. Semiconductor leaders will create a new road map to succeed in AI by holding these values in mind. AI seeks opportunities for growth in the stack of technology, focusing on the effect of AI on data center hardware demand. It then looks at different opportunities within computation, memory, processing, and networking and works globally as major trends in the ASIC chip market.

Based on Application, the market is segmented into Data Processing Systems, Consumer Electronics, Telecommunication Systems, Aerospace Subsystem & Sensors, Medical Instrumentation and Others. Based on Type, the market is segmented into Semi- Based Custom, Programmable Logic Devices and Others. Based on countries, the market is segmented into China, Japan, India, South Korea, Singapore, Malaysia, and Rest of Asia Pacific.

The market research report covers the analysis of key stake holders of the market. Key

companies profiled in the report include Advanced Micro Devices, Inc., Samsung Electronics Co., Ltd. (Samsung Group), ON Semiconductor Corporation, Xilinx, Inc., Taiwan Semiconductor Manufacturing Company Limited (TSMC), Intel Corporation, Infineon Technologies AG, Bitmain Technologies Holding Company, Nvidia Corporation, and Texas Instruments, Inc.

Scope of the Study

Market Segmentation:

By Application

Data Processing Systems

Consumer Electronics

Telecommunication Systems

Aerospace Subsystem & Sensors

Medical Instrumentation

Others

By Type

Semi- Based Custom

Programmable Logic Devices

Others

By Country

China

Japan

India

South Korea

Singapore

Malaysia

Rest of Asia Pacific

Companies Profiled

Advanced Micro Devices, Inc.

Samsung Electronics Co., Ltd. (Samsung Group)

ON Semiconductor Corporation

Xilinx, Inc.

Taiwan Semiconductor Manufacturing Company Limited (TSMC)

Intel Corporation

Infineon Technologies AG

Bitmain Technologies Holding Company

Nvidia Corporation

Texas Instruments, Inc.

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