

North America ASIC Chip Market (2019-2025)

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Abstracts

The North America ASIC Chip Market would witness market growth of 7.3% CAGR during the forecast period (2019-2025).

The rapidly increasing demand for smartphones, tablets and other mobile devices around the globe has had a positive impact on the programmable ASIC market in the consumer electronics sector. Increased pace of new product development, decreasing cost per IC function, and growing usability, and shortened product replacement cycles are some of the factors that have a positive impact on the growth of the industry. Increased demand for various telecommunications applications, like system-on-chip (SoC) applications, is expected to raise industry revenues in the coming years.

It is further expected that the increasing use of application-specific integrated circuits in consumer electronics and several industrial and automotive applications will drive the market forward. Especially for a specific application or function, an application-specific integrated circuit (ASIC) is developed. An ASIC provides better performance compared to a logic system or an integrated standard logic circuit since it is designed specifically for a particular application. It is also reduced and less electricity is used.

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 U.S., Mexico, Canada, and Rest of North America.

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

US

Canada

Mexico

Rest of North America

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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