

# Latin America, Middle East & Africa ASIC Chip Market (2019-2025)

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## Abstracts

The Latin America, Middle East and Africa ASIC Chip Market would witness market growth of 9.2% CAGR during the forecast period (2019-2025).

An ASIC chip is designed specifically to manage an embedded system's needs and to handle multiple processors in real time. ASIC chip in a device performs all of a computer's computational and logical operation. To carry out specific functions, these chips are installed in microcontrollers and microprocessors. Such chips also have features such as memory storage and retrieval of data.

The consumer electronics industry, along with smaller footprints and lower profiles, is constantly demanding higher power dissipation, faster speeds, and higher pin counts. Miniaturization and semiconductor integration has resulted in smaller, lighter, and better portable devices such as tablets, smartphones, and evolving IoT devices. Iteration of the consumer electronics brand becomes more sophisticated, lighter and more energy-efficient than its predecessors.

With this level of technology, customers are now turning towards more durable devices that might be able to withstand minor mishaps that occur in daily activities. With such a level of technology, customers are now turning towards more durable devices that might be able to withstand minor mishaps that occur in daily activities. With growing smartphone sales across the globe in various regions, it is obvious that there will also be increased demand for integrated circuits, which is expected to drive the market forward over the forecast period.

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 Brazil, Argentina, UAE, Saudi Arabia, South Africa, Nigeria, and Rest of LAMEA.

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

Brazil

Argentina

UAE

Saudi Arabia

South Africa

Nigeria

Rest of LAMEA

## 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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