

Global Application Specific Integrated Circuits (ASICs) Market - Forecasts from 2019 to 2024

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Abstracts

The application specific integrated circuit market is projected to grow at a CAGR of 3.59% between 2018 to 2024. An application specific integrated circuit is a kind of integrated circuit that is designed for a particular purpose. The growing production of gaming consoles is boosting the demand for application specific integrated circuits. Simultaneously, the rising interest in cryptocurrency is leading to increasing development of integrated circuits which are specifically designed for crypto-currency mining, which is further providing a revenue generating opportunity for the manufacturers.

This research study examines the current market trends related to the demand, supply, and sales, in addition to the recent developments. Major drivers, restraints, and opportunities have been covered to provide an exhaustive picture of the market. The analysis presents in-depth information regarding the development, trends, and industry policies and regulations being implemented by the relevant agencies. Further, the overall regulatory framework of the market has been exhaustively covered to offer stakeholders a better understanding of the key factors affecting the overall market environment.

Identification of key industry players in the industry and their revenue contribution to the overall business or relevant segment aligned to the study have been covered as a part of competitive intelligence done through extensive secondary research. Various studies and data published by industry associations, analyst reports, investor presentations, press releases and journals among others have been taken into consideration while conducting the secondary research. Both bottom-up and top down approaches have been utilized to determine the market size of the overall market and key segments. The values obtained are correlated with the primary inputs of the key stakeholders in the application specific integrated circuit value chain. The last step involves complete

market engineering which includes analyzing the data from different sources and existing proprietary datasets while using various data triangulation methods for market breakdown and forecasting.

Market intelligence is presented in the form of analysis, charts, and graphics to help the clients in gaining faster and efficient understanding of the application specific integrated circuit market.

Major industry players profiled as part of the report are HiSilicon Technologies Co., Ltd, Bitmain Technologies Limited, and STMicroelectronics among others.

Segmentation

The application specific integrated circuit market has been analyzed through following segments:

By Type

Standard Cells

Gate Arrays

By Industry Vertical

Communication

Consumer Electronics

Automotive

Manufacturing

By Geography

Americas

USA

Canada

Brazil

Others

Europe Middle East and Africa

Germany

France

United Kingdom

Italy

Others

Asia Pacific

China

Japan

India

Taiwan

Others

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