

# **Global Digital IC Market (By Product Type – Voltage Regulator, Motor Control IC, Integrated ASP Power Management IC, Battery Management IC, and Others. By Raw Materials – Silicon, Gallium Arsenide, and others. By Application – Automotive, Consumer Electronics, Industry, Telecom and Network, and others) – Global Industry Analysis, Size, Share, Growth, Trends, and Forecast, 2017 – 2025”**

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## **Abstracts**

The report covers the analysis and forecast of the global digital IC market as well as regional level. The study provides historic data of 2016 along with the forecast for the period between 2017 and 2025 based on revenue (US\$ Mn).

The study provides a detailed view of the global digital IC market, segmenting it based on by product types, by raw materials, by application and regional demand. The integrate ASP circuit which is being operated at a few distinct levels of signal amplitude are digital ICs. The digital ICs are manufactured/designed by means of multiple number of digital logic gates, flip flops, multiplexers, and other electronic mechanisms of circuits. Development and launch of upgraded technologies by major players present in the market, is also expected to make the Digital IC market more demanding in the near future.

Regional segmentation includes the current and forecast demand for North America, Europe, Asia Pacific, Middle East and Africa and Latin America. The segmentation also includes, based on by product types, by raw materials, by application and regional demand. These include different business strategies adopted by the leading players and

their recent developments.

A comprehensive analysis of the market dynamics that is inclusive of market drivers, restraints, and opportunities is part of the report. Additionally, the report includes potential opportunities in the digital IC market at the global and regional levels. Market dynamics are the factors which impact the market growth, so their analysis helps understand the ongoing trends of the global market. Therefore, the report provides the forecast of the global market for the period from 2017 to 2025, along with offering an inclusive study of the digital IC market.

The report provides the size of the digital IC market in 2017 and the forecast for the next eight years up to 2025. The size of the global digital IC market is provided in terms of revenue. Market revenue is defined in US\$ Mn. The market dynamics prevalent in North America, Europe, Asia Pacific, Middle East and Africa and Latin America has been taken into account in estimating the growth of the global market.

Market estimates for this study have been based on revenue being derived through regional pricing trends. The Digital IC market has been analyzed based on expected demand. Bottom-up approach is done to estimate the global revenue of the Digital IC market, split into regions. Based on product types, raw materials, application and regional demand. The individual revenues from all the regions is summed up to achieve the global revenue for digital IC market. Companies were considered for the market share analysis, based on their innovation and application and revenue generation. In the absence of specific data related to the sales of digital IC by several privately held companies, calculated assumptions have been made in view of the company's penetration and regional presence.

The report covers a detailed competitive outlook that includes the market share and company profiles of key players operating in the global digital IC market are Qualcomm Incorporated (U.S.), Toshiba Corporation (Japan), Taiwan Semiconductor Manufacturing (Taiwan), Texas Instruments Inc (U.S.), Integrated Device Technology, Maxim Integrated Products Inc (U.S.), Infineon Technologies Ag (Germany), Skyworks Solutions, Inc (U.S.), Lattice Semiconductor Corporation (U.S.), NXP Semiconductors N.V. (Netherlands), Analog Devices, Inc.(U.S.), STMicroelectronics NV (Switzerland), Broadcom Ltd (U.S.), SK Hynix, Inc (South Korea), Micron Technology Inc (U.S.), MediaTek Inc (Taiwan), and Nvidia Corporation (U.S.), and others.

The global digital IC market has been segmented into:

## Digital IC Market, By Product Type

Voltage Regulator

Motor Control Ic

Integrated Asp Power Management Ic

Battery Management Ic

Others

## Digital IC Market, By Raw Materials

Silicon

Gallium Arsenide

Others

## Digital IC Market, By Application

Automotive

Consumer Electronics

Industry

Telecom & Network

Others

## Global Digital IC market: By Geography

North America

The U.S.

Canada

Mexico

Europe

U.K.

France

Germany

Italy

Rest of Europe

Asia Pacific

India

China

Japan

Rest of Asia Pacific

Middle East and Africa

South Africa

Rest of Middle East and Africa

Latin America

Brazil

Rest of Latin America



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