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Global Next Generation Integrated Circuit Market 2024 by Company, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our latest research, the global Next Generation Integrated Circuit market size will reach USD 1990.3 million in 2030, growing at a CAGR of 14.6% over the analysis period.

An integrated circuit or monolithic integrated circuit is a set of electronic circuits on one small flat piece (or 'chip') of semiconductor material, normally silicon. The integration of large numbers of tiny transistors into a small chip results in circuits that are orders of magnitude smaller, cheaper, and faster than those constructed of discrete electronic components. The IC's mass production capability, reliability and building-block approach to circuit design has ensured the rapid adoption of standardized ICs in place of designs using discrete transistors. ICs are now used in virtually all electronic equipment and have revolutionized the world of electronics. Computers, mobile phones, and other digital home appliances are now inextricable parts of the structure of modern societies, made possible by the small size and low cost of ICs.

The Next Generation Integrated Circuit market report provides a detailed analysis of global market size, regional and country-level market size, segmentation market growth, market share, competitive Landscape, impact of domestic and global market players, value chain optimization, trade regulations, recent developments, opportunities analysis, strategic market growth analysis, product launches, area marketplace expanding, and technological innovations.

Following a strong growth of 26.2 percent in the year 2021, WSTS revised it down to a single digit growth for the worldwide semiconductor market in 2022 with a total size of US$580 billion, up 4.4 percent. WSTS lowered growth estimation as inflation rises and

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end markets seeing weaker demand, especially those exposed to consumer spending. While some major categories are still double-digit year-over-year growth in 2022, led by Analog with 20.8 percent, Sensors with 16.3 percent, and Logic with 14.5 percent growth. Memory declined with 12.6 percent year over year. In 2022, all geographical regions showed double-digit growth except Asia Pacific. The largest region, Asia Pacific, declined 2.0 percent. Sales in the Americas were US$142.1 billion, up 17.0% year-on-year, sales in Europe were US$53.8 billion, up 12.6% year-on-year, and sales in Japan were US$48.1 billion, up 10.0% year-on-year. However, sales in the largest Asia-Pacific region were US$336.2 billion, down 2.0% year-on-year.

Market segmentation

Next Generation Integrated Circuit market is split by Type and by Application. For the period 2024-2030, the growth among segments provide accurate calculations and forecasts for revenue by Type and by Application. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type, covers

Analog

Digital

Market segment by Application, can be divided into

Telecommunications

Military and Aerospace

Industrial Motors

Automotives

Market segment by players, this report covers

Intel

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Qualcomm

Analog Devices

Texas Instruments

On Semiconductors

Nxp Semiconductor

Atmel

Boeing

Stmicroelectronics

Nec Corporation

Market segment by regions, regional analysis covers

North America

Europe

Asia-Pacific (China, Japan, South Korea, Rest of Asia-Pacific)

South America

Middle East & Africa

The content of the study subjects, includes a total of 8 chapters:

Chapter 1, to describe Next Generation Integrated Circuit product scope, market overview, market opportunities, market driving force and market risks.

Chapter 2, to profile the top players of Next Generation Integrated Circuit, with recent developments and future plans

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Chapter 3, the Next Generation Integrated Circuit competitive situation, revenue and global market share of top players are analyzed emphatically by landscape contrast.

Chapter 4, to break the market size data at the region level, with key companies in the key region and Next Generation Integrated Circuit market forecast, by regions, with revenue, from 2024 to 2030.

Chapter 5 and 6, to segment the market size by Type and application, with revenue and growth rate by Type, application, from 2024 to 2030.

Chapter 7 and 8, to describe Next Generation Integrated Circuit research findings and conclusion, appendix and data source.

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