

Global Electronic Components Market Size Study, by Type (Active Components, Passive Components, Electromechanical Components), by Application (Aerospace and Defense, Healthcare, Energy and Power, Consumer Electronics, Automotive, Industrial Automation, Telecommunication), and Regional Forecasts 2022-2032

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Abstracts

Global Electronic Components Market is valued at approximately USD 600 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 6.9% over the forecast period 2024-2032. Electronic components are crucial for the functionality and efficiency of modern electronic devices and systems. Integrated circuits (ICs), which consolidate numerous electronic components such as transistors, resistors, and capacitors into a single chip, enable complex functionalities in compact spaces. These components are integral to a wide range of applications, including rectification, signal modulation, amplification, and feedback systems. Diodes, sensors, and optoelectronic devices form the backbone of today's advanced electronic equipment across various industries.

The market is expected to grow significantly due to increased investments in next-generation AI-integrated chips and advanced display technologies such as 8K displays, which are used in various applications to provide high resolution and clarity. The integration of electronic components with IoT technology presents lucrative opportunities for market expansion. Despite the challenges posed by high investment costs, the demand for new electronic devices across industries continues to drive growth.

The key regions considered for the global Electronic Components Market study include Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America is a dominating region in the Electronic Components Market in terms of revenue. The market growth in the region is being attributed to factors including presence of leading manufacturers, advanced manufacturing infrastructure, extensive supply chain networks. Whereas, the market in Asia Pacific is anticipated to grow at the fastest rate over the forecast period fueled by booming consumer electronics industry, strategic investments in research and development, along with government initiatives promoting technological innovation and regional production.

Major market players included in this report are:

Intel Corporation

Samsung

TSMC

Texas Instruments

Broadcom Inc.

Bosch

NXP Semiconductors

STMicroelectronics

Skyworks Solutions

Analog Devices

Qualcomm

Infineon Technologies

ON Semiconductor

Renesas Electronics

Micron Technology

The detailed segments and sub-segment of the market are explained below:

By Type:

Active Components

Passive Components

Electromechanical Components

By Application:

Aerospace and Defense

Healthcare

Energy and Power

Consumer Electronics

Automotive

Industrial Automation

Telecommunication

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

RoMEA

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

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