

Global Passive Components Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global Passive Components market size was valued at US\$ 37754 million in 2025 and is forecast to a readjusted size of US\$ 50589 million by 2032 with a CAGR of 4.1% during review period.

Passive components are electronic components that do not rely on an external power source to function, relying solely on their own physical characteristics, and cannot actively amplify signals or generate new signals.

This article mainly focuses on passive components such as capacitors, resistors, and inductors.

The automotive electronics and smartphone industries are the two sectors with the most profound impact on the passive component market.

In automotive electronics, as infotainment, navigation, and ADAS (Advanced Driver Assistance Systems) become standard features in vehicles, the demand for automotive-grade passive components is experiencing explosive growth. For example, traditional internal combustion engine vehicles require only 1800-3200 MLCCs, while electric vehicles use as many as 15,500. The continued digitalization of automotive functions will further drive the demand for passive components. Meanwhile, automotive-grade passive components, due to their higher requirements for quality and stability, maintain stable prices and profit levels, and demand forecasts are more accurate. Furthermore, with the implementation of government incentive policies and pollution control regulations in various countries, the automotive passive component market is expected to maintain double-digit growth in the coming years, becoming a core battleground for

major manufacturers.

Smartphones, besides automotive electronics, are another major driver of growth in the passive component market. In 2023, the global smartphone market was initially expected to achieve slight growth, driven by the upgrade to 5G devices. However, due to global inflation, consumer purchasing behavior shifted, leading to a decline in demand for high-end smartphones, which in turn caused a drop in demand for corresponding passive components.

Furthermore, the rollout and widespread adoption of next-generation communication standards such as 5G and 6G will also positively impact the passive component market: the increasing digitization, connectivity, and mobility of electronic products are driving up product complexity, thus boosting demand for passive components.

This report is a detailed and comprehensive analysis for global Passive Components market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Passive Components market size and forecasts, in consumption value (\$ Million), sales quantity (Million Pcs), and average selling prices (US\$/Pcs), 2021-2032

Global Passive Components market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Million Pcs), and average selling prices (US\$/Pcs), 2021-2032

Global Passive Components market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Million Pcs), and average selling prices (US\$/Pcs), 2021-2032

Global Passive Components market shares of main players, shipments in revenue (\$ Million), sales quantity (Million Pcs), and ASP (US\$/Pcs), 2021-2026

The Primary Objectives in This Report Are:

Global Passive Components Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Passive Components

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Passive Components market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include YAGEO, Vishay, KOA, Panasonic, Samsung Electro-Mechanics, UNI-ROYAL, TA-I Technology, GuangDong FengHua Advanced Technology, Cytotec (Delta Electronics), EVER OHMS, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Passive Components market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Capacitor

Resistor

Inductor

Market segment by Application

Automotive Electronics

Mobile Phones & Tablets

Computers & Servers

Home Appliances

Medical Equipment

Communication Equipment

Industrial Control

Photovoltaic and Wind Power

Rail Transit

Major players covered

YAGEO

Vishay

KOA

Panasonic

Samsung Electro-Mechanics

UNI-ROYAL

TA-I Technology

GuangDong FengHua Advanced Technology

Cyntec (Delta Electronics)

EVER OHMS

Susumu

LIZ Electronics

Rohm

Isabellenh?tte

Walsin Technologies Corporation

Firstohm

Juneway Electronics

Viking

TT Electronics

Nanjing SART

Taiyosha Electric

Tateyama Kagaku Industry

Anhui Vico Technologies

Bourns

MEGATRON Elektronik GmbH & Co. KG

Stackpole Electronics

Jining Tiangeng Electric

TDK

KYOCERA AVX

Littelfuse

MARUWA

Lattron

Shenzhen Sunlord

JOYIN CO., LTD

Nanjing Sinochip Electronics

Polytronics

Fuzetec

Eaton

Amphenol Advanced Sensors

Shenzhen Jinke Special Materials Co., Ltd

Murata Manufacturing

Thinking Electronic

Shibaura

Semitec Corporation

Mitsubishi

Nanjing Shiheng Electronic Technology

eWay Technologies

Ametherm

EXSENSE Electronic

TAYAO Technology

Tewa Temperature Sensors

China Zhenhua (Group) Science and Technology Co., Ltd

Chaozhou Three-Circle Group Co., Ltd

Prosperity Dielectrics Co., Ltd

Holy Stone Enterprise Co., Ltd

Taiwan Alpha Electronic Co., Ltd

Nippon Chemi-Con Corporation

HOKURIKU ELECTRIC

Taiyo Yuden

DARFON

Coilcraft

Sumida

Shenzhen Microgate Technology

TAI-TECH Advanced Electronics

MinebeaMitsumi

SAGAMI ELEC

INPAQ Technology

Arlitech Electronic Corp

Laird Technologies

Trio Technology

Abracon LLC

Dongguan Mentech Optical & Magnetic

Futuristic Technic Electronics

KING CORE

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Passive Components product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Passive Components, with price, sales quantity, revenue, and global market share of Passive Components from 2021 to 2026.

Chapter 3, the Passive Components competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Passive Components breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Passive Components market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Passive Components.

Chapter 14 and 15, to describe Passive Components sales channel, distributors, customers, research findings and conclusion.

Contents

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