

Global Passive Components Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global Passive Components market size is expected to reach \$ 50589 million by 2032, rising at a market growth of 4.1% CAGR during the forecast period (2026-2032). 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 studies the global Passive Components production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Passive Components and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Passive Components that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Passive Components total production and demand, 2021-2032, (Million Pcs)

Global Passive Components total production value, 2021-2032, (USD Million)

Global Passive Components production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Million Pcs), (based on production site)

Global Passive Components consumption by region & country, CAGR, 2021-2032 & (Million Pcs)

U.S. VS China: Passive Components domestic production, consumption, key domestic manufacturers and share

Global Passive Components production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Million Pcs)

Global Passive Components production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Million Pcs)

Global Passive Components production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Million Pcs)

This report profiles key players in the global Passive Components market based on the following parameters - company overview, production, value, 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, Cyntec (Delta Electronics), EVER OHMS, etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Passive Components market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$

Millions), volume (production, consumption) & (Million Pcs) and average price (US\$/Pcs) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Passive Components Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Passive Components Market, Segmentation by Type:

Capacitor

Resistor

Inductor

Global Passive Components Market, Segmentation by Application:

Automotive Electronics

Mobile Phones & Tablets

Computers & Servers

Home Appliances

Medical Equipment

Communication Equipment

Industrial Control

Photovoltaic and Wind Power

Rail Transit

Companies Profiled:

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

Key Questions Answered:

1. How big is the global Passive Components market?
2. What is the demand of the global Passive Components market?
3. What is the year over year growth of the global Passive Components market?
4. What is the production and production value of the global Passive Components market?
5. Who are the key producers in the global Passive Components market?
6. What are the growth factors driving the market demand?

Contents

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