

Passive Electronic Components Market Report by Type (Capacitor, Inductor, Resistor), End Use Industry (Aerospace and Defense, Consumer Electronics, Information Technology, Automotive, Industrial, and Others), and Region 2024-2032

<https://marketpublishers.com/r/PEF26FF1886CEN.html>

Date: July 2024

Pages: 147

Price: US\$ 3,899.00 (Single User License)

ID: PEF26FF1886CEN

Abstracts

The global passive electronic components market size reached US\$ 38.3 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 55.6 Billion by 2032, exhibiting a growth rate (CAGR) of 4.1% during 2024-2032.

Passive electronic components refer to electrical parts that do not generate power and are incapable of power gain. They consist of capacitors, resistors, transformers, inductors and coils. They are manufactured using tantalum, ceramic, aluminum electrolytic, paper and plastic films. Passive electronic components absorb energy and do not require electrical power to operate. They are commonly used in various electronic devices, such as computers, home appliances, smartphones and gaming consoles. They are reliable, easy to design, cost-effective and can easily handle large voltage currents and power without the requirement of a power supply and amplifying elements. As a result, passive electronic components are widely used across medical, automotive, aerospace, energy, telecommunications, defense, and data storage industries.

Passive Electronic Components Market Trends:

Significant growth in the automotive industry across the globe is creating a positive outlook for the market. Passive electronic components are widely used in specialized and high-performing components, such as emergency brake assistance systems and infotainment. In line with this, the increasing demand for electric vehicles (EVs) due to environmental and emission concerns is favoring the market growth. Additionally,

various new product innovations, such as the introduction of wire wound and metal oxide high-power resistors that assists in monitoring circuits and diagnosing and testing sensors, are providing an impetus to the market growth. Furthermore, the growing miniaturization of passive electrical components that can easily be used in consumer electronics, such as smartphones, cameras and speakers, is positively impacting the market growth. Apart from this, the widespread product utilization in medical devices integrated with sensors to collect data about patients, extensive research and development (RD&D) activities and the introduction of various shapes and geometries of inductors are anticipated to drive the market toward growth.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global passive electronic components market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on type and end use industry.

Breakup by Type:

- Capacitor
 - Ceramic Capacitors
 - Tantalum Capacitors
 - Aluminum Electrolytic Capacitors
 - Paper and Plastic Film Capacitors
 - Supercapacitors
- Inductor
 - Power
 - Frequency
- Resistor
 - Surface-mounted Chips
- Network
 - Wirewound
 - Film/Oxide/Foil
 - Carbon

Breakup by End Use Industry:

- Aerospace and Defense
- Consumer Electronics
- Information Technology

Automotive
Industrial
Others

Breakup by Region:

North America
United States
Canada
Asia-Pacific
China
Japan
India
South Korea
Australia
Indonesia
Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Eaton Corporation PLC, KOA Corporation, Kyocera Corporation, Murata Manufacturing Co. Ltd., Panasonic Corporation, Samsung Electro-Mechanics Co. Ltd., Taiyo Yuden Co. Ltd., TDK Corporation, TE Connectivity, TT Electronics Plc, Vishay Intertechnology Inc. and Yageo Corporation.

Key Questions Answered in This Report

1. What was the size of the global passive electronic components market in 2023?
2. What is the expected growth rate of the global passive electronic components market during 2024-2032?
3. What are the key factors driving the global passive electronic components market?
4. What has been the impact of COVID-19 on the global passive electronic components market?
5. What is the breakup of the global passive electronic components market based on the type?
6. What is the breakup of the global passive electronic components market based on the end use industry?
7. What are the key regions in the global passive electronic components market?
8. Who are the key players/companies in the global passive electronic components market?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL PASSIVE ELECTRONIC COMPONENTS MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

6 MARKET BREAKUP BY TYPE

- 6.1 Capacitor
 - 6.1.1 Market Trends
 - 6.1.2 Key Segments
 - 6.1.2.1 Ceramic Capacitors
 - 6.1.2.2 Tantalum Capacitors
 - 6.1.2.3 Aluminum Electrolytic Capacitors
 - 6.1.2.4 Paper and Plastic Film Capacitors

- 6.1.2.5 Supercapacitors
- 6.1.3 Market Forecast
- 6.2 Inductor
 - 6.2.1 Market Trends
 - 6.2.2 Key Segments
 - 6.2.2.1 Power
 - 6.2.2.2 Frequency
 - 6.2.3 Market Forecast
- 6.3 Resistor
 - 6.3.1 Market Trends
 - 6.3.2 Key Segments
 - 6.3.2.1 Surface-mounted Chips
 - 6.3.2.2 Network
 - 6.3.2.3 Wirewound
 - 6.3.2.4 Film/Oxide/Foil
 - 6.3.2.5 Carbon
 - 6.3.3 Market Forecast

7 MARKET BREAKUP BY END USE INDUSTRY

- 7.1 Aerospace and Defense
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
- 7.2 Consumer Electronics
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast
- 7.3 Information Technology
 - 7.3.1 Market Trends
 - 7.3.2 Market Forecast
- 7.4 Automotive
 - 7.4.1 Market Trends
 - 7.4.2 Market Forecast
- 7.5 Industrial
 - 7.5.1 Market Trends
 - 7.5.2 Market Forecast
- 7.6 Others
 - 7.6.1 Market Trends
 - 7.6.2 Market Forecast

8 MARKET BREAKUP BY REGION

8.1 North America

8.1.1 United States

8.1.1.1 Market Trends

8.1.1.2 Market Forecast

8.1.2 Canada

8.1.2.1 Market Trends

8.1.2.2 Market Forecast

8.2 Asia-Pacific

8.2.1 China

8.2.1.1 Market Trends

8.2.1.2 Market Forecast

8.2.2 Japan

8.2.2.1 Market Trends

8.2.2.2 Market Forecast

8.2.3 India

8.2.3.1 Market Trends

8.2.3.2 Market Forecast

8.2.4 South Korea

8.2.4.1 Market Trends

8.2.4.2 Market Forecast

8.2.5 Australia

8.2.5.1 Market Trends

8.2.5.2 Market Forecast

8.2.6 Indonesia

8.2.6.1 Market Trends

8.2.6.2 Market Forecast

8.2.7 Others

8.2.7.1 Market Trends

8.2.7.2 Market Forecast

8.3 Europe

8.3.1 Germany

8.3.1.1 Market Trends

8.3.1.2 Market Forecast

8.3.2 France

8.3.2.1 Market Trends

8.3.2.2 Market Forecast

8.3.3 United Kingdom

- 8.3.3.1 Market Trends
- 8.3.3.2 Market Forecast
- 8.3.4 Italy
 - 8.3.4.1 Market Trends
 - 8.3.4.2 Market Forecast
- 8.3.5 Spain
 - 8.3.5.1 Market Trends
 - 8.3.5.2 Market Forecast
- 8.3.6 Russia
 - 8.3.6.1 Market Trends
 - 8.3.6.2 Market Forecast
- 8.3.7 Others
 - 8.3.7.1 Market Trends
 - 8.3.7.2 Market Forecast
- 8.4 Latin America
 - 8.4.1 Brazil
 - 8.4.1.1 Market Trends
 - 8.4.1.2 Market Forecast
 - 8.4.2 Mexico
 - 8.4.2.1 Market Trends
 - 8.4.2.2 Market Forecast
 - 8.4.3 Others
 - 8.4.3.1 Market Trends
 - 8.4.3.2 Market Forecast
- 8.5 Middle East and Africa
 - 8.5.1 Market Trends
 - 8.5.2 Market Breakup by Country
 - 8.5.3 Market Forecast

9 SWOT ANALYSIS

- 9.1 Overview
- 9.2 Strengths
- 9.3 Weaknesses
- 9.4 Opportunities
- 9.5 Threats

10 VALUE CHAIN ANALYSIS

11 PORTERS FIVE FORCES ANALYSIS

- 11.1 Overview
- 11.2 Bargaining Power of Buyers
- 11.3 Bargaining Power of Suppliers
- 11.4 Degree of Competition
- 11.5 Threat of New Entrants
- 11.6 Threat of Substitutes

12 PRICE ANALYSIS

13 COMPETITIVE LANDSCAPE

- 13.1 Market Structure
- 13.2 Key Players
- 13.3 Profiles of Key Players
 - 13.3.1 Eaton Corporation PLC
 - 13.3.1.1 Company Overview
 - 13.3.1.2 Product Portfolio
 - 13.3.1.3 Financials
 - 13.3.1.4 SWOT Analysis
 - 13.3.2 KOA Corporation
 - 13.3.2.1 Company Overview
 - 13.3.2.2 Product Portfolio
 - 13.3.2.3 Financials
 - 13.3.3 Kyocera Corporation
 - 13.3.3.1 Company Overview
 - 13.3.3.2 Product Portfolio
 - 13.3.3.3 Financials
 - 13.3.3.4 SWOT Analysis
 - 13.3.4 Murata Manufacturing Co. Ltd.
 - 13.3.4.1 Company Overview
 - 13.3.4.2 Product Portfolio
 - 13.3.4.3 Financials
 - 13.3.4.4 SWOT Analysis
 - 13.3.5 Panasonic Corporation
 - 13.3.5.1 Company Overview
 - 13.3.5.2 Product Portfolio
 - 13.3.5.3 Financials

- 13.3.5.4 SWOT Analysis
- 13.3.6 Samsung Electro-Mechanics Co. Ltd.
 - 13.3.6.1 Company Overview
 - 13.3.6.2 Product Portfolio
 - 13.3.6.3 Financials
 - 13.3.6.4 SWOT Analysis
- 13.3.7 Taiyo Yuden Co. Ltd.
 - 13.3.7.1 Company Overview
 - 13.3.7.2 Product Portfolio
 - 13.3.7.3 Financials
- 13.3.8 TDK Corporation
 - 13.3.8.1 Company Overview
 - 13.3.8.2 Product Portfolio
 - 13.3.8.3 Financials
 - 13.3.8.4 SWOT Analysis
- 13.3.9 TE Connectivity
 - 13.3.9.1 Company Overview
 - 13.3.9.2 Product Portfolio
 - 13.3.9.3 Financials
 - 13.3.9.4 SWOT Analysis
- 13.3.10 TT Electronics Plc
 - 13.3.10.1 Company Overview
 - 13.3.10.2 Product Portfolio
 - 13.3.10.3 Financials
- 13.3.11 Vishay Intertechnology Inc.
 - 13.3.11.1 Company Overview
 - 13.3.11.2 Product Portfolio
 - 13.3.11.3 Financials
 - 13.3.11.4 SWOT Analysis
- 13.3.12 Yageo Corporation
 - 13.3.12.1 Company Overview
 - 13.3.12.2 Product Portfolio
 - 13.3.12.3 Financials

I would like to order

Product name: Passive Electronic Components Market Report by Type (Capacitor, Inductor, Resistor), End Use Industry (Aerospace and Defense, Consumer Electronics, Information Technology, Automotive, Industrial, and Others), and Region 2024-2032

Product link: <https://marketpublishers.com/r/PEF26FF1886CEN.html>

Price: US\$ 3,899.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/PEF26FF1886CEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970