Passive Electronic Components Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

Market Report | 2023-07-05 | 138 pages | IMARC Group

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Report description:

Market Overview:

The global passive electronic components market size reached US$ 36.6 Billion in 2022. Looking forward, IMARC Group expects the market to reach US$ 49.3 Billion by 2028, exhibiting a growth rate (CAGR) of 4.7% during 2023-2028.

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 2023-2028. 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 2022?
2. What is the expected growth rate of the global passive electronic components market during 2023-2028?
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?

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