

# Global Passive Components Market: Analysis By Type (Capacitors, Resistors And Inductors), By Region Size And Trends With Impact Of COVID-19 And Forecast Up To 2027

December 2022



# Global Passive Components Market: Coverage

Executive Summary and Scope

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Global Market Analysis

Regional Market Analysis

Impact Of COVID 19

Dynamics

Competitive Landscape

Company Profiling

# Global Passive Components Market: Coverage

## Scope of the Report

Attributes	Details
Title	Global Passive Components Market: Analysis By Type (Capacitors, Resistors And Inductors), By Region Size And Trends With Impact Of COVID-19 And Forecast Up To 2027
Coverage	Global and Regional
Regional Coverage	Asia Pacific (China, Japan, Asia excluding China & Japan), North America (The US, Mexico, and Canada), Europe (UK, Germany, France, Italy and Rest of Europe), and Rest of the World
Market Influencing Variables	Growth Drivers, Challenges, Market Trends
Forecast Period of Market	2022-2027
Competition in the Market	Dominated
Key Players	TDK Corporation, Panasonic Corporation, Eaton Corporation plc, Vishay Intertechnology, Inc., Murata Manufacturing Co., Ltd, Kyocera Corporation, Taiyo Yuden Co. Ltd, Yageo Corporation, ROHM, Walsin Technology Corporation, KOA Corporation and TE Connectivity Ltd.

# Global Passive Components Market: Coverage

## Executive Summary

Passive electronic components refer to electrical parts that do not generate power and are incapable of power gain. Passive electronic components absorb energy and do not require electrical power to operate. The global passive components market was valued at US\$35.69 billion in 2021 and is projected to reach US\$49.04 billion by 2027, growing at a CAGR of 5.44% over the projected period of 2022-2027.

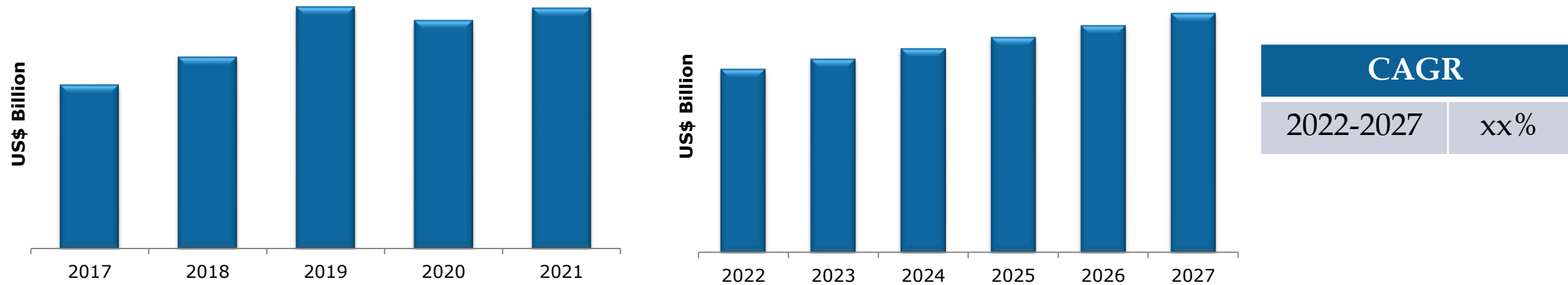
The Passive components market can be segmented on the basis of type (capacitors, resistors and inductor). Capacitors segment held a dominant share in passive components market in 2021, followed by resistors. The Capacitors passive components market can also be segmented on the basis of type (Ceramic MLCC, aluminum, tantalum and others). Ceramic MLCC segment is the dominant type in 2021, followed by aluminum. The inductors passive components market can be segmented on the basis of application (communication, other communication, computing, auto and industrial & others). Communication segment dominates the passive components market in 2021. Asia Pacific leads the global passive components market in 2021.

Owing to COVID-19 outbreak, the passive component's raw materials supply chain was affected by supply disruptions. Proximity to production sites impacted by the pandemic (China and Taiwan) and volatile materials supply showcased that chip resistors are the largest red flag. Asia-Pacific countries, faced several closures of passive components production sites due to the rise in the COVID-19 outbreak.

The global passive components market has increased in 2021 and projections are made that the market would rise in the next five years i.e. 2022-2027 tremendously. There is a rapid growth of passive components in recent years owing to surging demand for electronic vehicles, growing demand for network devices, growing complexity of electronic devices and increased demand across various segments. Yet the market faces some challenges such as, increasing metal prices impacting the cost of producing components, etc.

# Passive Components Market: Global Analysis

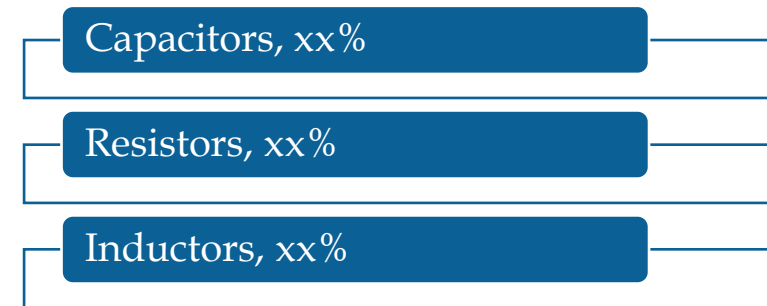
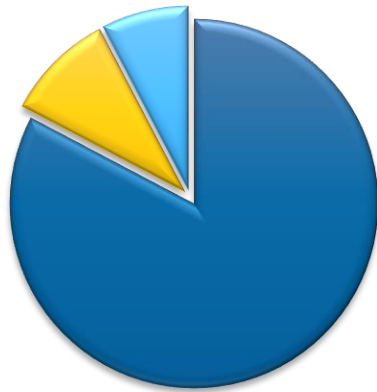
## Global Passive Components Market by Value



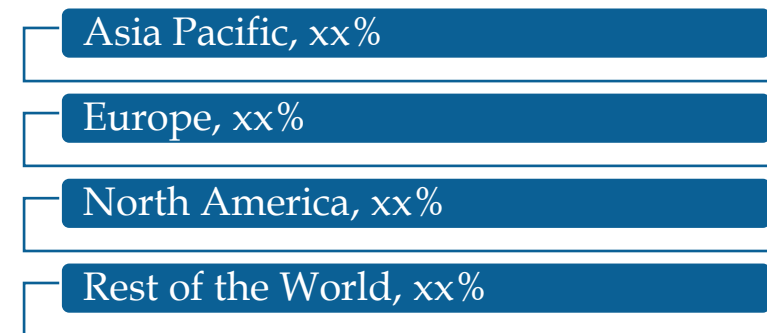
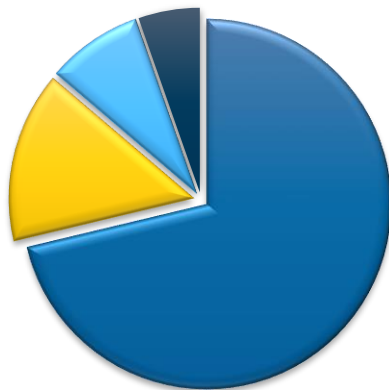
Global passive components Market was valued at US\$... billion in 2021 and is anticipated to reach up to US\$... billion by 2027 from US\$... billion in 2022, with a CAGR of xx%.

# Passive Components Market: Global Analysis

## Global Passive Components Market by Type; 2021

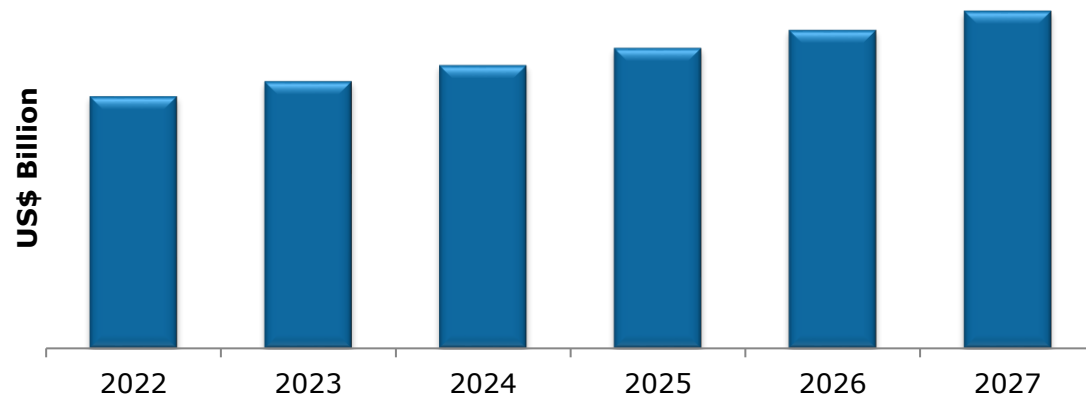


## Global Passive Components Market by Region; 2021

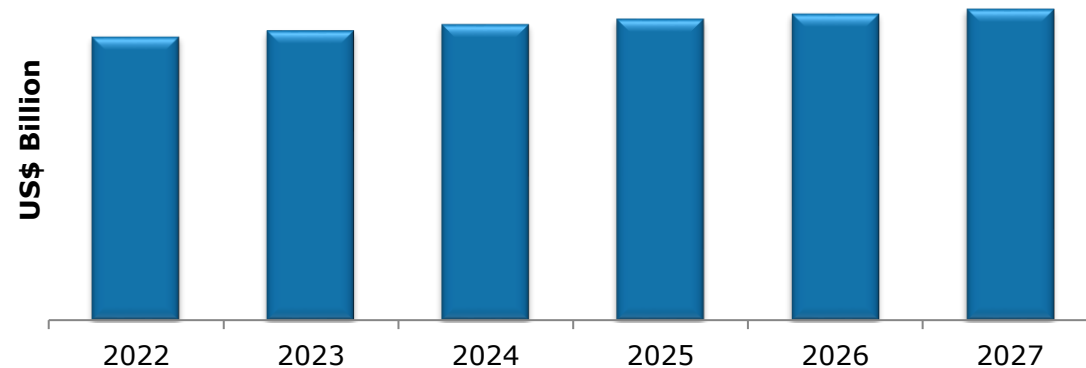


# Passive Components Market: Type Analysis

## Global Capacitors Passive Components Market by Value



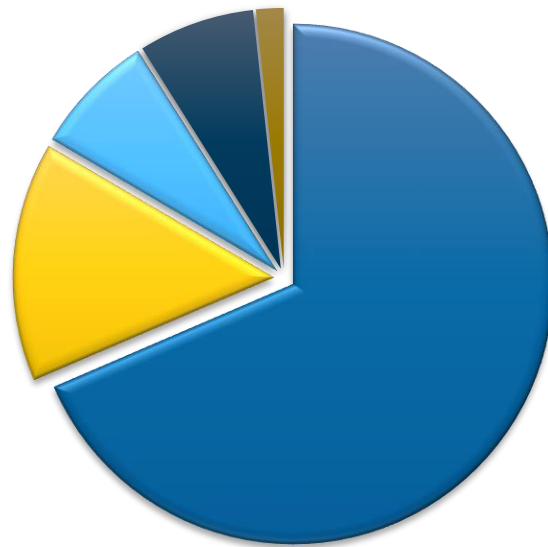
## Global Resistors Passive Components Market by Value



Type	CAGR (2022-2027)
Capacitors	xx%
Resistors	xx%
Inductors	xx%

# Capacitors Market: Type Analysis

Global Capacitors Market by Type; 2021



Ceramic MLCC, xx%

Aluminum, xx%

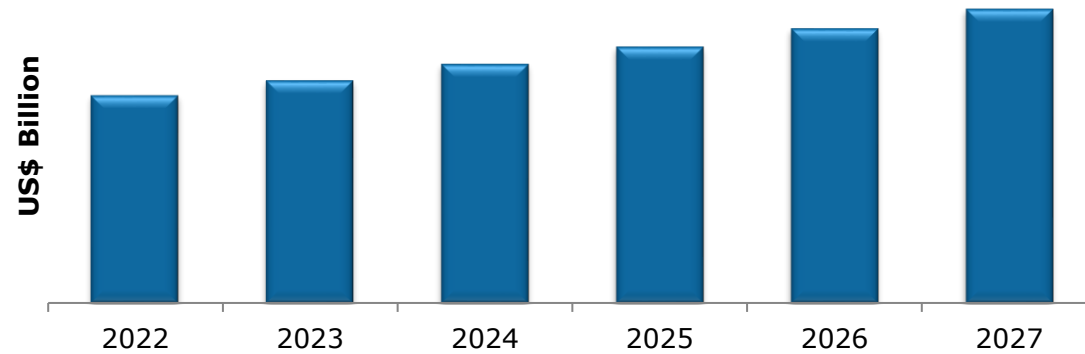
Tantalum, xx%

Paper & Plastic Film, xx%

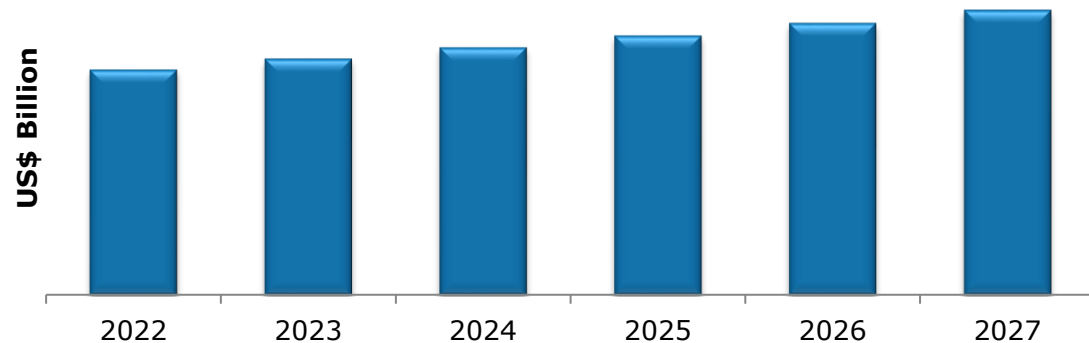
Other Capacitors, xx%

# Capacitors Market: Type Analysis

## Global Ceramic MLCC Capacitors Market By Value



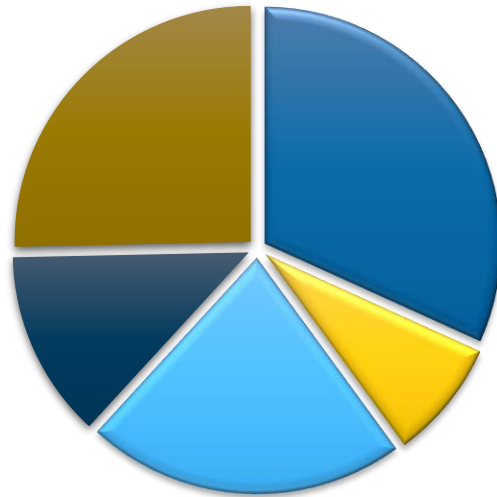
## Global Tantalum Capacitors Market By Value



Type	CAGR (2022-2027)
Ceramic MLCC	xx%
Aluminum	xx%
Tantalum	xx%
Paper & Plastic Film	xx%
Other Capacitors	xx%

# Inductors Market: Application Analysis

Global Inductors Market by Application; 2021



Communication, xx%

Industrial & Others, xx%

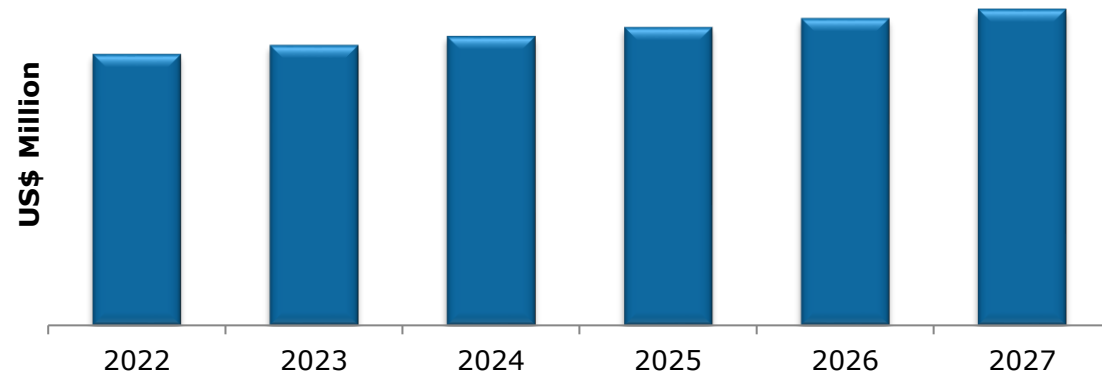
Computing, xx%

Auto, xx%

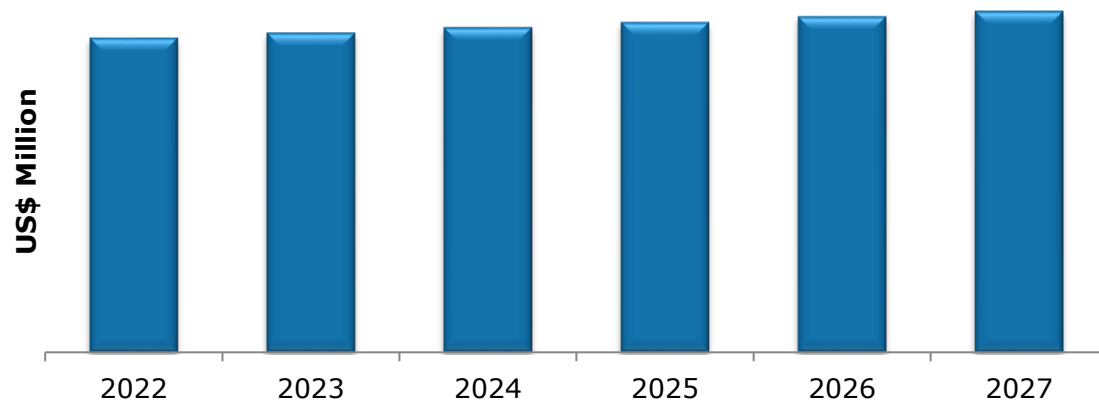
Other Communication, xx%

# Inductors Market: Application Analysis

## Global Communication Passive Components Market By Value



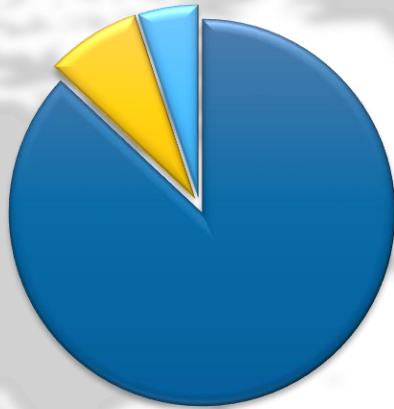
## Global Computing Passive Components Market By Value



Application	CAGR (2022-2027)
Communication	xx%
Other Communication	xx%
Computing	xx%
Auto	xx%
Other Communication	xx%

# Passive Components Market: Regional Analysis

## North America Passive Components Market by Region; 2021



Region	Share (2021)	CAGR (2022-2027)
The US	xx%	xx%
Canada	xx%	xx%
Mexico	xx%	xx%

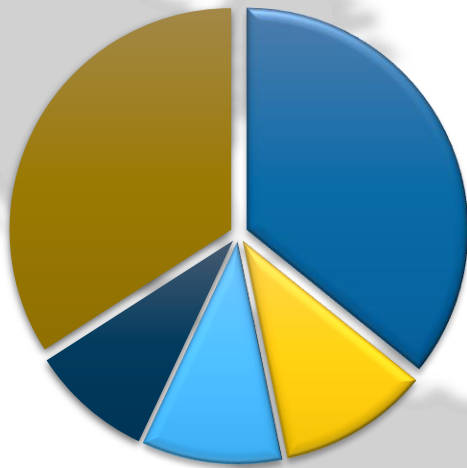
## Asia Pacific Passive Components Market by Region; 2021



Region	Share (2021)	CAGR (2022-2027)
China	xx%	xx%
Asia excluding China & Japan	xx%	xx%
Japan	xx%	xx%

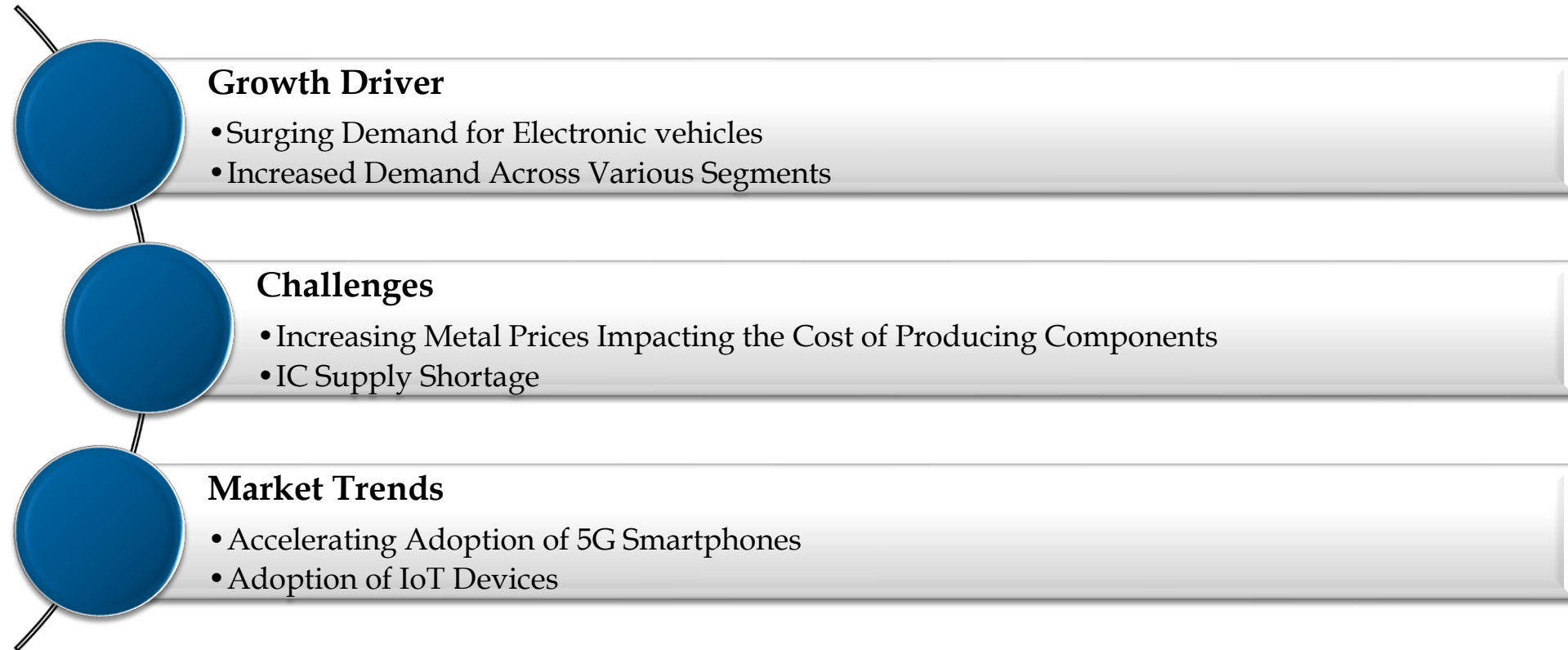
# Passive Components Market: Regional Analysis

Europe Passive Components Market by Region; 2021



Region	Share (2021)	CAGR (2022-2027)
Germany	xx%	xx%
Italy	xx%	xx%
UK	xx%	xx%
France	xx%	xx%
Rest of Europe	xx%	xx%

# Global Passive Components Market: Dynamics



# Global Passive Components Market: Competitive Landscape

## Players Profiled

- TDK Corporation
- Panasonic Corporation
- Eaton Corporation plc
- Vishay Intertechnology, Inc.
- Murata Manufacturing Co., Ltd
- Kyocera Corporation
- Taiyo Yuden Co. Ltd
- Yageo Corporation
- ROHM
- Walsin Technology Corporation
- KOA Corporation
- TE Connectivity Ltd.

Global MLCC Capacitors Players by Market Share; 2021  
(Percentage, %)

