

# Global MLCCs for Automotive Electronics Market Growth 2023-2029

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#### **Abstracts**

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The electrical and electronic circuits utilized in cars to implement various functions do not consist of just CPUs, memory, power devices, and other semiconductor chips. Countless numbers of capacitors, inductors, and other passive components are used in electrical and electronic circuits to stabilize the operation of semiconductor chips and adjust handled data signals and power supply waveforms. Without these passive components, electrical and electronic circuits cannot be operated as designed. Among the many passive components, MLCCs (Multilayer Ceramic Capacitors) are one type of component that is often utilized in on-board electrical and electronic circuits in particular. Capable of realizing a miniature size and high capacitance while maintaining their characteristics in a hostile environment, the features of MLCCs are perfect for on-board use, which requires them to be utilized in electrical and electronic circuits in narrow and unforgiving spaces. Currently, as many as 3,000 to 5,000 MLCCs are utilized per vehicle. Looking at a smartphone as a representative example of an advanced electronic device, if we consider that even the latest high-end model includes 1,000 MLCCs, contemporary cars could be described as a "collection of MLCCs."

LPI (LP Information)' newest research report, the "MLCCs for Automotive Electronics Industry Forecast" looks at past sales and reviews total world MLCCs for Automotive Electronics sales in 2022, providing a comprehensive analysis by region and market sector of projected MLCCs for Automotive Electronics sales for 2023 through 2029. With MLCCs for Automotive Electronics sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world MLCCs for Automotive Electronics industry.



This Insight Report provides a comprehensive analysis of the global MLCCs for Automotive Electronics landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on MLCCs for Automotive Electronics portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global MLCCs for Automotive Electronics market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for MLCCs for Automotive Electronics and breaks down the forecast by type, by application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global MLCCs for Automotive Electronics.

The global MLCCs for Automotive Electronics market size is projected to grow from US\$ million in 2022 to US\$ million in 2029; it is expected to grow at a CAGR of % from 2023 to 2029.

United States market for MLCCs for Automotive Electronics is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

China market for MLCCs for Automotive Electronics is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Europe market for MLCCs for Automotive Electronics is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

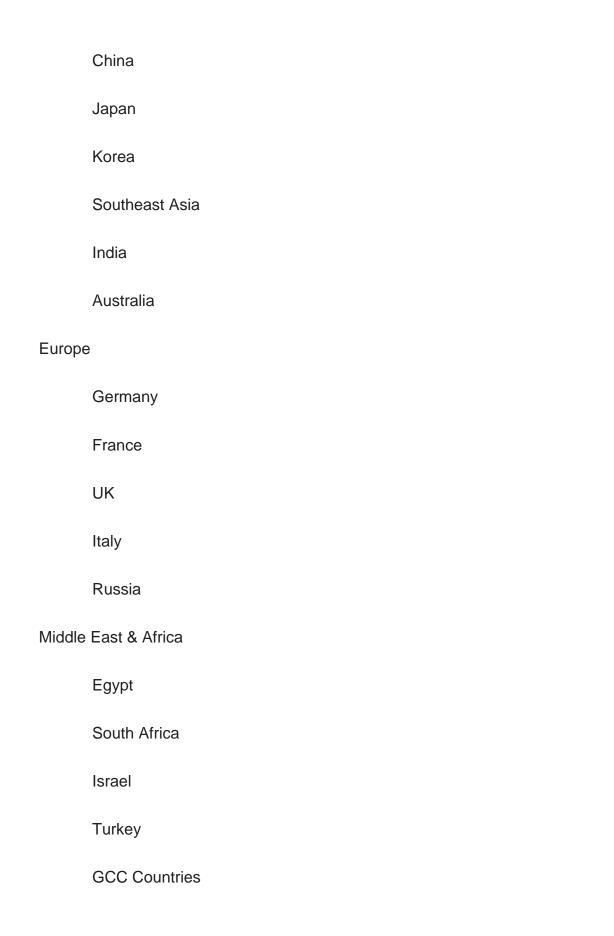
Global key MLCCs for Automotive Electronics players cover Murata Manufacturing Co., Ltd., SAMSUNG ELECTRO-MECHANICS, TDK Corporation, Vishay Intertechnology, Taiyo Yuden, Yageo, KYOCERA AVX, Walsin Technology and Holy Stone, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

This report presents a comprehensive overview, market shares, and growth opportunities of MLCCs for Automotive Electronics market by product type, application, key manufacturers and key regions and countries.



Market Segmentation:
Segmentation by type
General Purpose Series
Ultra Small Size Series
High Voltage Series
Soft Termination Series
High Q for High Frequency Communication Series
High Reliability Series
Low Inductance Series
Segmentation by application
OEM
Aftermarket
This report also splits the market by region:
Americas
United States
Canada
Mexico
Brazil
ADAC





The below companies that are profiled have been selected based on inputs gathered



from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

Murata Manufacturing Co., Ltd.

SAMSUNG ELECTRO-MECHANICS

TDK Corporation

Vishay Intertechnology

Taiyo Yuden

Yageo

KYOCERA AVX

Walsin Technology

Holy Stone

Fenghua Advanced Technology

Key Questions Addressed in this Report

Nippon Chemi-Con

What is the 10-year outlook for the global MLCCs for Automotive Electronics market?

What factors are driving MLCCs for Automotive Electronics market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do MLCCs for Automotive Electronics market opportunities vary by end market size?

How does MLCCs for Automotive Electronics break out type, application?



What are the influences of COVID-19 and Russia-Ukraine war?



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