

# Global Multilayer Ceramic Capacitor (MLCC) Market: Size, Trends & Forecast (2018-2022)

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## Abstracts

### SCOPE OF THE REPORT

The report entitled "Global Multilayer Ceramic Capacitor (MLCC) Market: Size, Trends & Forecast (2018-2022)", provides an in-depth analysis of the global MLCC market with description of market sizing and growth. The analysis includes global MLCC market by value, by segments, by total production and segment analysis of the MLCC market. It also provides a detailed analysis of global automotive MLCC market by demand and includes demand analysis as well. The report includes a brief regional analysis of China and ROW.

Moreover, the report also assesses the key opportunities in the market and outlines the factors that are and will be driving the growth of the industry. Growth of the overall global MLCC market has also been forecasted for the period 2018-2022, taking into consideration the previous growth patterns, the growth drivers and the current and future trends.

The key players that have been profiled in the report includes Taiyo Yuden, TDK Corporation, Murata Mfg. and Kyocera. In this section of the report, business overview, financial overview and business strategies of the respective companies are provided.

### COUNTRY COVERAGE

China

ROW (Rest of the World)

## COMPANY COVERAGE

Taiyo Yuden

TDK Corporation

Murata Mfg.

Kyocera

## EXECUTIVE SUMMARY

A capacitor is an electrical device that stores energy in the form of an electric field and consists of two metal plates separated by a dielectric or non-conducting substance. Ceramic capacitors are one such kind of capacitors which are used in almost every electrical device and use a ceramic material as the dielectric.

Commonly used compounds in the manufacturing of ceramic capacitors include titanium dioxide, strontium titanate and barium titanate.

In order to gain higher capacitances, the ceramic capacitors can be made from multiple layers, known as Multilayer Ceramic Capacitors (MLCCs). MLCCs are made of alternating layers of metallic electrodes and dielectric ceramic.

The Multilayer Ceramic Capacitor Market can be segmented on the basis of product type and applications. The MLCCs are used in a variety of applications such as TV & Games, Home Appliances, Industries, PCs, Automotive vehicles and Mobile phones. On the basis of product type, MLCCs can be classified into COG (NPO), X7R, X5R, Y5V and other products.

The multilayer ceramic capacitor market has witnessed continuous growth in the past few years and is projected to grow even further during the forecast period (2018-2022) due to various factors such as growth in IoT (Internet of Things), increasing automotive production, rising demand for consumer electronics etc. Yet the market faces certain challenges such as tight supply and increase in lead times.

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