

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

August 2018



# Global Multilayer Ceramic Capacitor (MLCC) Market: Coverage

Executive Summary and Scope

Introduction/Market Overview

Global Market Analysis

Regional Market Analysis

Dynamics

Competitive Landscape

Company Profiling

# Global Multilayer Ceramic Capacitor (MLCC) Market: Coverage

## Scope of the Report

Attributes	Details
Title	Global Multilayer Ceramic Capacitor (MLCC) Market: Size, Trends & Forecasts (2018-2022)
Coverage	Global and Regional
Regional Coverage	China and ROW
Market Influencing Variables	Growth Drivers, Challenges, Market Trends
Forecast Period of Market	2018-2022
Competition in the Market	Dominated
Key Players	Taiyo Yuden, TDK Corporation, Murata Mfg., Kyocera

# Global Multilayer Ceramic Capacitor (MLCC) Market

## 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.

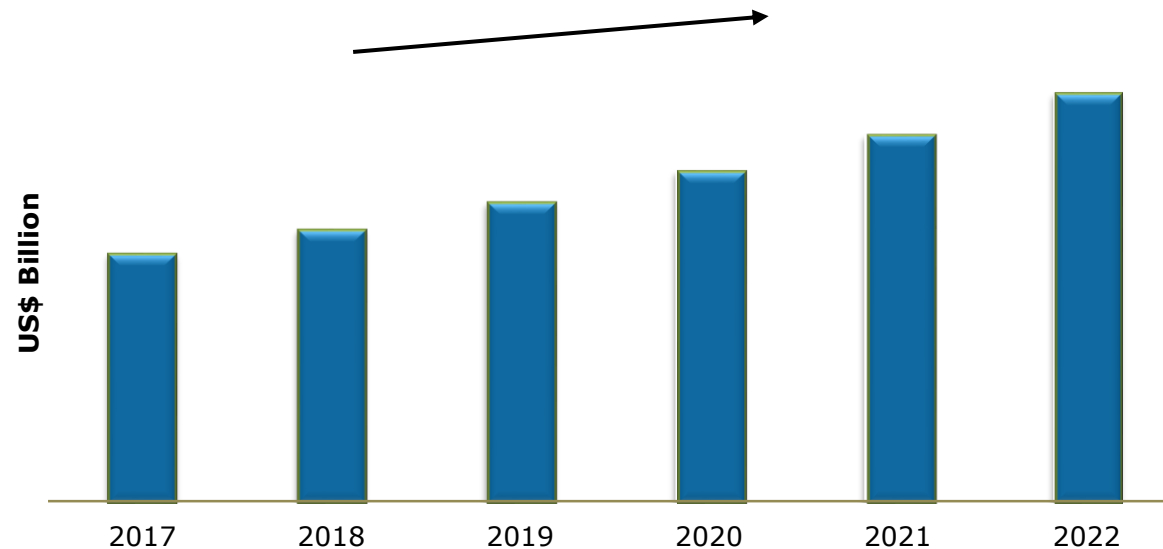
In order to gain higher capacitances, the ceramic capacitors can be made from multiple layers, known as Multilayer Ceramic Capacitors (MLCCs). MLCCs are made of alternating layers of metallic electrodes and dielectric ceramic.

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.

# Multilayer Ceramic Capacitor (MLCC) : Global Analysis

Global MLCC Market by Value



CAGRs

2018-2022

xx%

The global MLCC market was valued at US\$.... billion in 2017; expected to increase to US\$... billion in 2018. The global MLCC market is anticipated to reach up to US\$... billion by 2022 from US\$... billion in 2018 at a CAGR of ....% from 2018 to 2022.

# Multilayer Ceramic Capacitor (MLCC) Market: Global Analysis

Global MLCC Market Total Production by Region; 2017



China, xx%

ROW (Rest of the World), xx%

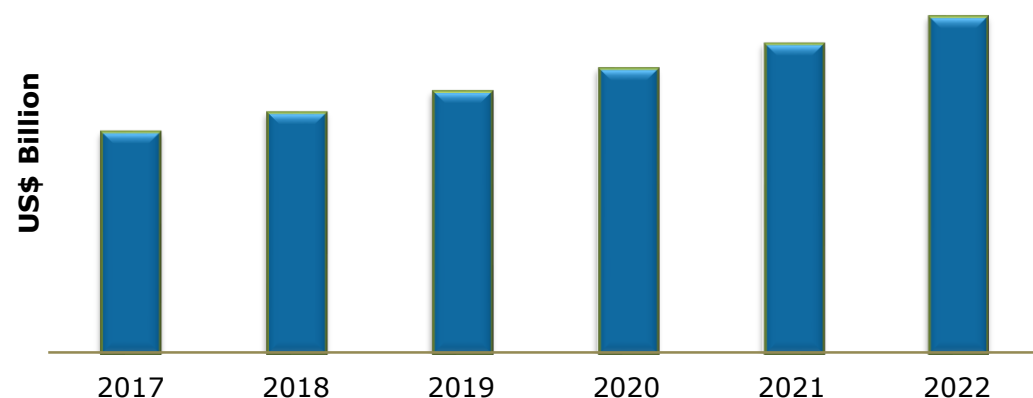
Global MLCC Market by Segments; 2017



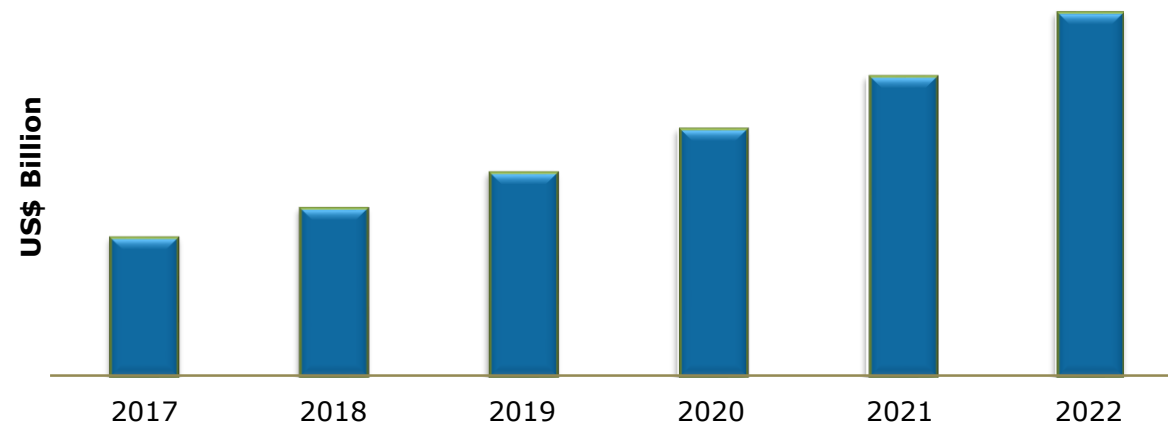
Segments	Share	CAGRs
Mobile	xx%	xx%
Automotive	xx%	xx%
PC (Personal Computer)	xx%	xx%
Industrial	xx%	xx%
HA (Home Appliances) and Others	xx%	xx%
TV and Games	xx%	xx%

# Multilayer Ceramic Capacitor (MLCC) Market: Segment Analysis

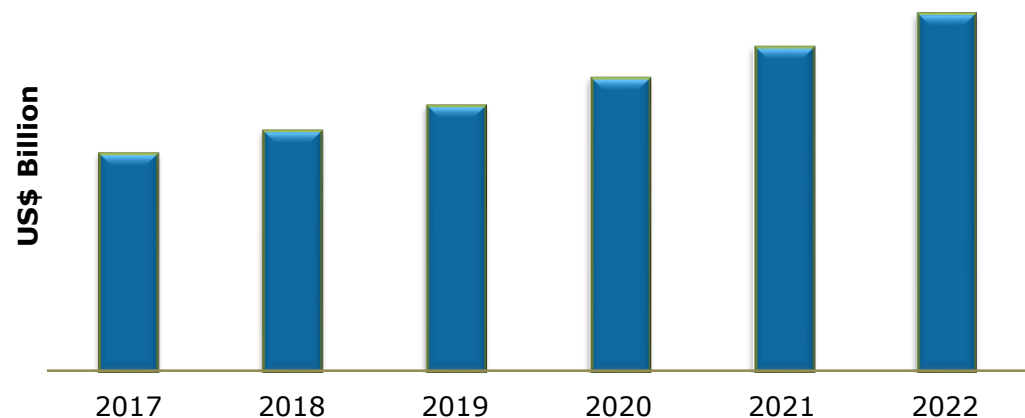
## Global Mobile MLCC Market by Value



## Global Automotive MLCC Market by Value



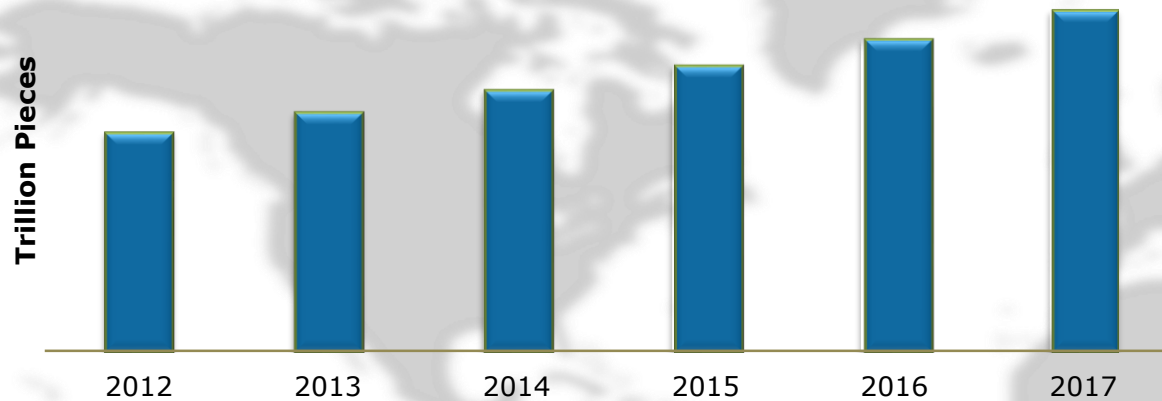
## Global Industrial MLCC Market by Value



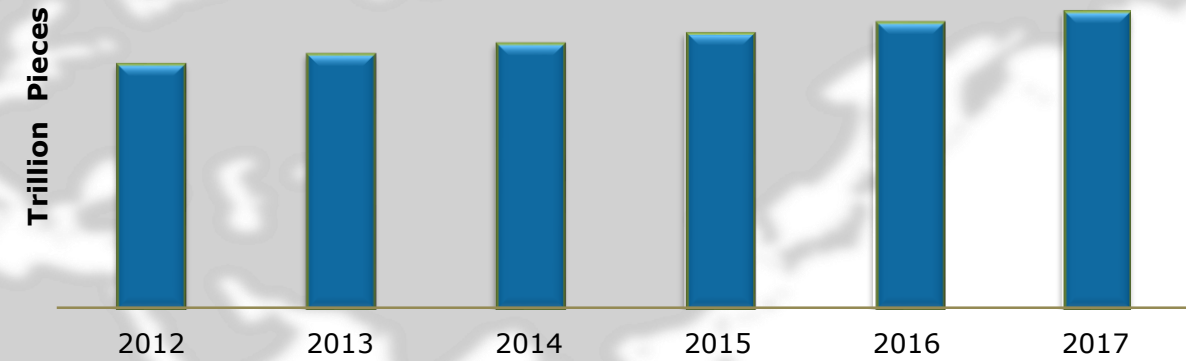
Segments	CAGR
Mobile	2018-2022
Automotive	xx%
PC (Personal Computer)	xx%
Industrial	xx%
HA (Home Appliances) and Others	xx%
TV and Games	xx%

# Multilayer Ceramic Capacitor (MLCC) Market: Regional Analysis

China MLCC Market by Total Production



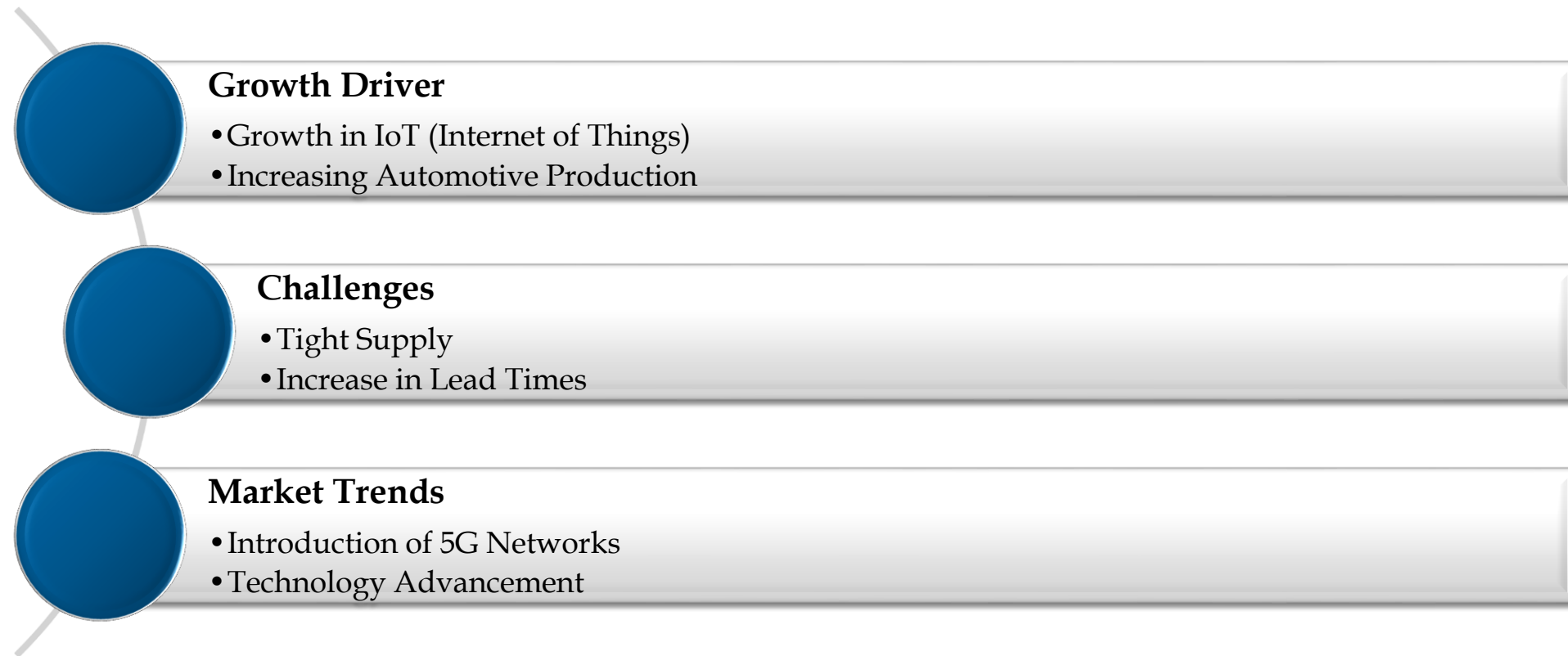
ROW MLCC Market by Total Production



Region	CAGR
	2012-2017
China	xx%
ROW (Rest of The World)	xx%



# Multilayer Ceramic Capacitor (MLCC) Market: Dynamics



# Multilayer Ceramic Capacitor (MLCC) Market: Competitive Landscape

## Players Profiled

- Taiyo Yuden
- TDK Corporation
- Murata Mfg.
- Kyocera



Note: The graphs on this slide are only for sample representation.