

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Multilayer Ceramic Chip Capacitors (MLCC) Market 2018, Forecast to 2023

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Abstracts

Multilayer ceramic chip capacitors, or MLCCs, are important building blocks in today's modern electronics and make up approximately 30% of the total components in a typical hybrid circuit module. Multilayer capacitors consist of a monolithic ceramic block with comb-like sintered electrodes. These electrodes come to the surface at the face ends of the ceramic block where an electrical contact is made by burnt-in metallic layers.

SCOPE OF THE REPORT:

This report focuses on the Multilayer Ceramic Chip Capacitors (MLCC) in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application.

Multilayer Ceramic Chip Capacitor (MLCC) consist of a monolithic ceramic block with comb-like sintered electrodes. These electrodes come to the surface at the face ends of the ceramic block where an electrical contact is made by burnt-in metallic layers. The MLCC can be classified by dielectrics: X7R, X5R, C0G, Y5V, etc. X7R MLCC took about 1/3 of the total MLCC market and X5R took up about 1/4, while Y5V is replaced by the X7R and X5R gradually.

Multilayer ceramic chip capacitor can be used in Consumer Electronics, Automotive, Industrial Machinery, Defense, etc. The Consumer Electronics is the main use of the Multilayer ceramic chip capacitor with the share of about 70% in the world.

Consumption of MLCC for a Laptop is about 400-800 pcs, for Smartphone is 200-400 pcs and for LED/LCD TV is about 500-800 pcs.

The global average price of multilayer ceramic chip capacitor is in the falling volatility trend, from 3.23 \$/K Pcs in 2012 to 2.77 \$/K Pcs in 2016. But it showed a rising trend in

Q1 2017 in China, and then dropped.

China, Taiwan, Japan and Korea are now the key producers and consumers of Multilayer ceramic chip capacitor in the world. China and Japan are the two largest consumption countries of Multilayer ceramic chip capacitor products in the world in the past few years while the Chinese market share may increase to about 36% in 2017 from 34% in 2012, and China and Japan will keep the leading position in the next few years. Murata, Samsung Electro (SEMCO), TDK Corp, Kyocera (AVX), Taiyo Yuden, Yageo, Walsin, Kemet, Samwha, Vishay, JDI, Darfon, Holy Stone, Fenghua, EYANG are the leading suppliers of Multilayer ceramic chip capacitor in the world. Chinese producers mainly sprang up before 2000, Fenghua, EYANG are the key producers in China now, and most of them got the process from overseas companies. The leading Companies in China is usually foreign investment from Japan, Korea and Taiwan.

The worldwide market for Multilayer Ceramic Chip Capacitors (MLCC) is expected to grow at a CAGR of roughly 3.8% over the next five years, will reach 10400 million US\$ in 2023, from 8330 million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

Murata

Samsung Electro

TDK Corp

Kyocera (AVX)

Taiyo Yuden

Yageo

Walsin

Kemet

Samwha

Vishay

JDI

Darfon

Holy Stone

Fenghua

EYANG

Three-Circle

NIC Components

Nippon Chemi-Con

MARUWA

Torch

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

X7R

X5R

C0G (NP0)

Y5V

Others

Market Segment by Applications, can be divided into

Consumer Electronics

Automotive

Industrial Machinery

Defence

Others

There are 15 Chapters to deeply display the global Multilayer Ceramic Chip Capacitors (MLCC) market.

Chapter 1, to describe Multilayer Ceramic Chip Capacitors (MLCC) Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Multilayer Ceramic Chip Capacitors (MLCC), with sales, revenue, and price of Multilayer Ceramic Chip Capacitors (MLCC), in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Multilayer Ceramic Chip Capacitors (MLCC), for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and

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by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Multilayer Ceramic Chip Capacitors (MLCC) market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Multilayer Ceramic Chip Capacitors (MLCC) sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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