

2018-2023 Global DBC Ceramic Substrate Consumption Market Report

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Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

In this report, LP Information covers the present scenario (with the base year being 2017) and the growth prospects of global DBC Ceramic Substrate market for 2018-2023.

DBC (Direct Bonded Copper) substrates are composed of a ceramic insulator, Al₂O₃ or AlN onto which pure copper metal is attached by a high temperature eutectic melting process and thus tightly and firmly joined to the ceramic.

This report studies the DBC ceramic substrate, including the AlN DBC Ceramic Substrate and Al₂O₃ DBC Ceramic Substrate.

The DBC ceramic substrates market developed rapidly in the past several years, and dominated by the players from Japan, Germany, Korea and China, like Rogers/Curamik, Heraeus Electronics and IXYS (Germany Division) from Germany; KCC from Korea, NGK Electronics Devices and Mitsubishi Materials from Japan; Stellar Industries Corp and Remtec from United States, while Tong Hsing (acquired HCS) from Taiwan. China is also an important producer, and there are three companies in China to produce and sell DBC ceramic substrates, they are Ferrotec (Shanghai Shenhe Thermo-Magnetics Electronics), Zibo Linzi Yinhe High-Tech Development and Nanjing Zhongjiang New Material Science & Technology.

In future, the DBC ceramic substrates market will develop rapidly, driven by the demand from IGBT, automobile, CPV, aerospace and communication. The electric vehicles market will drive the DBC ceramic substrates to increase in next ten years.

Over the next five years, LPI(LP Information) projects that DBC Ceramic Substrate will

register a 10.0% CAGR in terms of revenue, reach US\$ 290 million by 2023, from US\$ 160 million in 2017.

This report presents a comprehensive overview, market shares, and growth opportunities of DBC Ceramic Substrate market by product type, application, key manufacturers and key regions.

To calculate the market size, LP Information considers value and volume generated from the sales of the following segments:

Segmentation by product type:

AlN DBC Ceramic Substrate

Al₂O₃ DBC Ceramic Substrate

Segmentation by application:

Power Electronics

Automotive

Home Appliances and CPV

Aerospace and Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Spain

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The report also presents the market competition landscape and a corresponding detailed analysis of the major vendor/manufacturers in the market. The key manufacturers covered in this report:

Rogers/Ceramik (Germany)

KCC (Korea)

Ferrotec(Shanghai Shenhe Thermo-Magnetics Electronics) (China)

Heraeus Electronics (Germany)

Tong Hsing (Taiwan)

Remtec (US)

Stellar Industries Corp (US)

Nanjing Zhongjiang New Material Science & Technology (China)

Zibo Linzi Yinhe High-Tech Development (China)

NGK Electronics Devices (Japan)

IXYS (Germany Division)

Mitsubishi Materials (Japan)

In addition, this report discusses the key drivers influencing market growth, opportunities, the challenges and the risks faced by key manufacturers and the market as a whole. It also analyzes key emerging trends and their impact on present and future development.

Research objectives

To study and analyze the global DBC Ceramic Substrate consumption (value & volume) by key regions/countries, product type and application, history data from 2013 to 2017, and forecast to 2023.

To understand the structure of DBC Ceramic Substrate market by identifying its various subsegments.

Focuses on the key global DBC Ceramic Substrate manufacturers, to define, describe and analyze the sales volume, value, market share, market competition landscape, SWOT analysis and development plans in next few years.

To analyze the DBC Ceramic Substrate with respect to individual growth trends, future prospects, and their contribution to the total market.

To share detailed information about the key factors influencing the growth of the market (growth potential, opportunities, drivers, industry-specific challenges and risks).

To project the consumption of DBC Ceramic Substrate submarkets, with respect to key regions (along with their respective key countries).

To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

To strategically profile the key players and comprehensively analyze their growth strategies.

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