

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) DBC Ceramic Substrate Market 2018, Forecast to 2023

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Abstracts

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.

Scope of the Report:

This report focuses on the DBC Ceramic Substrate 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. 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/Ceramix, 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. The worldwide market for DBC Ceramic Substrate is expected to grow at a CAGR of

roughly 10.0% over the next five years, will reach 290 million US\$ in 2023, from 160 million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

Rogers/Curamik (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)

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

AlN DBC Ceramic Substrate

Al₂O₃ DBC Ceramic Substrate

Market Segment by Applications, can be divided into

Power Electronics

Automotive

Home Appliances and CPV

Aerospace and Others

There are 15 Chapters to deeply display the global DBC Ceramic Substrate market.

Chapter 1, to describe DBC Ceramic Substrate Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of DBC Ceramic Substrate, with sales, revenue, and price of DBC Ceramic Substrate, 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 DBC Ceramic Substrate, 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 by manufacturers, with sales, revenue and market share by key countries in these regions;

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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, DBC Ceramic Substrate market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe DBC Ceramic Substrate sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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