

Global DBC Ceramic Substrate Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global DBC Ceramic Substrate market size is expected to reach \$ 760.5 million by 2029, rising at a market growth of 9.2% CAGR during the forecast period (2023-2029).

Global key players of DBC ceramic substrate include Rogers Corporation, Ferrotec, KCC, Shengda Tech, Heraeus Electronics, etc. The top five players hold a share about 80%. Asia-Pacific is the largest market, has a share about 68%, followed by Europe and North America, with share 24% and 7%, separately.

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. DBC (Direct Bonded Copper) substrates are mainly used in IGBT modules.

This report studies the global DBC Ceramic Substrate production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for DBC Ceramic Substrate, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of DBC Ceramic Substrate that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global DBC Ceramic Substrate total production and demand, 2018-2029, (Sqmm)

Global DBC Ceramic Substrate total production value, 2018-2029, (USD Million)

Global DBC Ceramic Substrate production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Sqm)

Global DBC Ceramic Substrate consumption by region & country, CAGR, 2018-2029 & (Sqm)

U.S. VS China: DBC Ceramic Substrate domestic production, consumption, key domestic manufacturers and share

Global DBC Ceramic Substrate production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Sqm)

Global DBC Ceramic Substrate production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Sqm)

Global DBC Ceramic Substrate production by Application production, value, CAGR, 2018-2029, (USD Million) & (Sqm)

This reports profiles key players in the global DBC Ceramic Substrate market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Rogers Corporation, Ferrotec, KCC, Shengda Tech, Heraeus Electronics, Nanjing Zhongjiang New Material, Zibo Linzi Yinhe High-Tech, BYD and Littelfuse IXYS, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World DBC Ceramic Substrate market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Sqm) and average price (US\$/Sqm) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by

year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global DBC Ceramic Substrate Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global DBC Ceramic Substrate Market, Segmentation by Type

Al₂O₃ & ZTA Ceramic Substrate

AlN Ceramic Substrate

Global DBC Ceramic Substrate Market, Segmentation by Application

Automotive & EV/HEV

PV and Wind Power

Industrial Drives

Consumer & White Goods

Rail Transport

Military & Avionics

Others

Companies Profiled:

Rogers Corporation

Ferrotec

KCC

Shengda Tech

Heraeus Electronics

Nanjing Zhongjiang New Material

Zibo Linzi Yinhe High-Tech

BYD

Littelfuse IXYS

Chengdu Wanshida Ceramic

Stellar Industries Corp

NGK Electronics Devices

Tong Hsing (acquired HCS)

Remtec

Key Questions Answered

1. How big is the global DBC Ceramic Substrate market?
2. What is the demand of the global DBC Ceramic Substrate market?
3. What is the year over year growth of the global DBC Ceramic Substrate market?
4. What is the production and production value of the global DBC Ceramic Substrate market?
5. Who are the key producers in the global DBC Ceramic Substrate market?
6. What are the growth factors driving the market demand?

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