

# Global Aluminum Matrix Silicon Carbide (Al-SiC) for IGBT Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/G85E0E6ADB66EN.html>

Date: June 2023

Pages: 123

Price: US\$ 4,480.00 (Single User License)

ID: G85E0E6ADB66EN

## Abstracts

The global Aluminum Matrix Silicon Carbide (Al-SiC) for IGBT market size is expected to reach \$ 40 million by 2029, rising at a market growth of 5.4% CAGR during the forecast period (2023-2029).

The Aluminum Matrix Silicon Carbide Reinforced Material is a new kind of metal-base ceramic composites. Widely used in high - power electronic IGBT module package.

This report studies the global Aluminum Matrix Silicon Carbide (Al-SiC) for IGBT production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Aluminum Matrix Silicon Carbide (Al-SiC) for IGBT, 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 Aluminum Matrix Silicon Carbide (Al-SiC) for IGBT that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Aluminum Matrix Silicon Carbide (Al-SiC) for IGBT total production and demand, 2018-2029, (K Pieces)

Global Aluminum Matrix Silicon Carbide (Al-SiC) for IGBT total production value, 2018-2029, (USD Million)

Global Aluminum Matrix Silicon Carbide (Al-SiC) for IGBT production by region &

country, production, value, CAGR, 2018-2029, (USD Million) & (K Pieces)

Global Aluminum Matrix Silicon Carbide (Al-SiC) for IGBT consumption by region & country, CAGR, 2018-2029 & (K Pieces)

U.S. VS China: Aluminum Matrix Silicon Carbide (Al-SiC) for IGBT domestic production, consumption, key domestic manufacturers and share

Global Aluminum Matrix Silicon Carbide (Al-SiC) for IGBT production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Pieces)

Global Aluminum Matrix Silicon Carbide (Al-SiC) for IGBT production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Pieces)

Global Aluminum Matrix Silicon Carbide (Al-SiC) for IGBT production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Pieces)

This reports profiles key players in the global Aluminum Matrix Silicon Carbide (Al-SiC) for IGBT 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 CPS Technologies, Denka, Japan Fine Ceramic, MC-21, Inc., BYD, Xi'an Jingyi Technology, SITRI Material Tech, Xi'an Chuangzheng New Materials and Xi'an Fadi Composite Materials, 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 Aluminum Matrix Silicon Carbide (Al-SiC) for IGBT market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Pieces) and average price (US\$/Pcs) 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 Aluminum Matrix Silicon Carbide (Al-SiC) for IGBT Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

## Global Aluminum Matrix Silicon Carbide (Al-SiC) for IGBT Market, Segmentation by Type

AlSiC: 63%

Others

## Global Aluminum Matrix Silicon Carbide (Al-SiC) for IGBT Market, Segmentation by Application

Automotive & EV/HEV

Industrial Control

Consumer Appliances

Wind power, PV, Energy Storage

Traction

Military & Avionics

Others

Companies Profiled:

CPS Technologies

Denka

Japan Fine Ceramic

MC-21, Inc.

BYD

Xi'an Jingyi Technology

SITRI Material Tech

Xi'an Chuangzheng New Materials

Xi'an Fadi Composite Materials

Hunan Harvest Technology Development

Baohang Advanced Materials

Suzhou Hanqi Aviation Technology

Changzhou Taigeer Electronic Materials

Hunan Eversich Composite

Shanghai Weishun Semiconductor Technology

## Key Questions Answered

1. How big is the global Aluminum Matrix Silicon Carbide (Al-SiC) for IGBT market?
2. What is the demand of the global Aluminum Matrix Silicon Carbide (Al-SiC) for IGBT market?
3. What is the year over year growth of the global Aluminum Matrix Silicon Carbide (Al-SiC) for IGBT market?
4. What is the production and production value of the global Aluminum Matrix Silicon Carbide (Al-SiC) for IGBT market?
5. Who are the key producers in the global Aluminum Matrix Silicon Carbide (Al-SiC) for IGBT market?
6. What are the growth factors driving the market demand?

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