

# Global Silicon Carbide Substrates Market Growth 2023-2029

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## Abstracts

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Silicon carbide substrates (wafers) are single-crystal wafers formed by cutting, grinding, polishing, cleaning, and other processes of silicon carbide crystals.

LPI (LP Information)' newest research report, the “Silicon Carbide Substrates Industry Forecast” looks at past sales and reviews total world Silicon Carbide Substrates sales in 2022, providing a comprehensive analysis by region and market sector of projected Silicon Carbide Substrates sales for 2023 through 2029. With Silicon Carbide Substrates sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Silicon Carbide Substrates industry.

This Insight Report provides a comprehensive analysis of the global Silicon Carbide Substrates landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Silicon Carbide Substrates portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Silicon Carbide Substrates market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Silicon Carbide Substrates and breaks down the forecast by type, by application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced

view of the current state and future trajectory in the global Silicon Carbide Substrates.

The global Silicon Carbide Substrates market size is projected to grow from US\$ 554 million in 2022 to US\$ 1695.1 million in 2029; it is expected to grow at a CAGR of 1695.1 from 2023 to 2029.

Cree, II-VI Advanced Materials and ROHM are the top 3 manufacturers of silicon carbide (SiC) substrate globally and account for over 70% of total markets share. Geographically speaking, Asia Pacific is the largest producer of silicon carbide (SiC) substrate, holds a share over 40%, followed by North America and Europe. In terms of product, 6 inch is the largest segment, with a share over 60%. And in terms of application, the largest application is power devices, followed by RF devices.

This report presents a comprehensive overview, market shares, and growth opportunities of Silicon Carbide Substrates market by product type, application, key manufacturers and key regions and countries.

Market Segmentation:

Segmentation by type

2 Inch

3 Inch

4 Inch

6 Inch

Others

Segmentation by application

Power Device

Electronics & Optoelectronics

Wireless Infrastructure

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

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

Cree

DuPont (Dow Corning)

SiCrystal

II-VI Advanced Materials

Nippon Steel & Sumitomo Metal

Showa Denko

Norstel

TankeBlue

SICC

Hebei Synlight Crystal

CETC

### Key Questions Addressed in this Report

What is the 10-year outlook for the global Silicon Carbide Substrates market?

What factors are driving Silicon Carbide Substrates market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Silicon Carbide Substrates market opportunities vary by end market size?

How does Silicon Carbide Substrates break out type, application?

What are the influences of COVID-19 and Russia-Ukraine war?

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