

Global 8-inch Silicon Carbide (SiC) Wafer Market Growth 2024-2030

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Abstracts

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The global 8-inch Silicon Carbide (SiC) Wafer market size is projected to grow from US\$ million in 2023 to US\$ million in 2030; it is expected to grow at a CAGR of % from 2024 to 2030.

LP Information, Inc. (LPI) ' newest research report, the “8-inch Silicon Carbide (SiC) Wafer Industry Forecast” looks at past sales and reviews total world 8-inch Silicon Carbide (SiC) Wafer sales in 2023, providing a comprehensive analysis by region and market sector of projected 8-inch Silicon Carbide (SiC) Wafer sales for 2024 through 2030. With 8-inch Silicon Carbide (SiC) Wafer sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world 8-inch Silicon Carbide (SiC) Wafer industry.

This Insight Report provides a comprehensive analysis of the global 8-inch Silicon Carbide (SiC) Wafer 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 8-inch Silicon Carbide (SiC) Wafer portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global 8-inch Silicon Carbide (SiC) Wafer market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for 8-inch Silicon Carbide (SiC) Wafer 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 8-inch Silicon Carbide (SiC) Wafer.

According to our Semiconductor Research Center, in 2022, the global SiC wafer was valued at US\$ 750 million, will grow rapidly in next six years, driven by the strong demand from electric vehicle (EV). Currently the 6 inch SiC substrates are dominating this market, and in next six years, more players will put into production the 8 inch SiC wafers. Currently the key players of SiC are mainly located headquartered United States, Europe, Japan and China, especially in China, more companies are entering the SiC market. It is predicted that, Chinese companies will play key roles in the SiC market in next ten years.

This report presents a comprehensive overview, market shares, and growth opportunities of 8-inch Silicon Carbide (SiC) Wafer market by product type, application, key manufacturers and key regions and countries.

Segmentation by type

Conductive

Semi-insulating

Segmentation by application

New Energy Vehicles

Photovoltaic Inverter

Rail Transit

5G Communication

Other

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.

ST

Wolfspeed

Soitec

Key Questions Addressed in this Report

What is the 10-year outlook for the global 8-inch Silicon Carbide (SiC) Wafer market?

What factors are driving 8-inch Silicon Carbide (SiC) Wafer market growth, globally and by region?

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

How do 8-inch Silicon Carbide (SiC) Wafer market opportunities vary by end market size?

How does 8-inch Silicon Carbide (SiC) Wafer break out type, application?

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