

Global 8-inch SiC Substrate Wafers Market Growth 2024-2030

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Abstracts

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An 8-inch SiC Substrate Wafer is a single-crystal silicon carbide (SiC) wafer with a diameter of approximately 8 inches (or about 200 mm). The wafer is used as a substrate material for the manufacture of various types of high-performance electronic devices, and is the key to further reduce the cost of silicon carbide devices, and utilization has risen significantly.

The global 8-inch SiC Substrate Wafers market size is projected to grow from US\$ million in 2024 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 SiC Substrate Wafers Industry Forecast" looks at past sales and reviews total world 8-inch SiC Substrate Wafers sales in 2023, providing a comprehensive analysis by region and market sector of projected 8-inch SiC Substrate Wafers sales for 2024 through 2030. With 8-inch SiC Substrate Wafers sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world 8-inch SiC Substrate Wafers industry.

This Insight Report provides a comprehensive analysis of the global 8-inch SiC Substrate Wafers 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 SiC Substrate Wafers portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position

in an accelerating global 8-inch SiC Substrate Wafers market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for 8-inch SiC Substrate Wafers 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 SiC Substrate Wafers.

United States market for 8-inch SiC Substrate Wafers is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

China market for 8-inch SiC Substrate Wafers is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Europe market for 8-inch SiC Substrate Wafers is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Global key 8-inch SiC Substrate Wafers players cover Cree (Wolfspeed), SiCrystal, II-VI, Rohm, STMicroelectronics, etc. In terms of revenue, the global two largest companies occupied for a share nearly

% in 2023.

This report presents a comprehensive overview, market shares, and growth opportunities of 8-inch SiC Substrate Wafers market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Conductive Type

Semi-insulating Type

Segmentation by Application:

Power Electronics

RF and Microwave Electronics

Optoelectronics and Photovoltaics

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 analysing the company's coverage, product portfolio, its market penetration.

Cree (Wolfspeed)

SiCrystal

II-VI

Rohm

STMicroelectronics

Onsemi

Showa Denko

Shanxi Semicore CRYSTAL

Harbin KY Semiconductor

JSG

GlobalWafers

Summit Crystal Semiconductor

Hoshine Silicon Industry

Hebei Tongguang Semiconductor

Hunan Sanan Semiconductor

IV-Semitec

Jiangsu Hypersics Semiconductor

Hefei Century Gold Core Semiconductor

Key Questions Addressed in this Report

What is the 10-year outlook for the global 8-inch SiC Substrate Wafers market?

What factors are driving 8-inch SiC Substrate Wafers market growth, globally and by region?

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

How do 8-inch SiC Substrate Wafers market opportunities vary by end market size?

How does 8-inch SiC Substrate Wafers break out by Type, by Application?

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