

# Global SiC Device Foundry Market Growth 2026-2032

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## Abstracts

The global SiC Device Foundry market size is predicted to grow from US\$ 180 million in 2025 to US\$ 870 million in 2032; it is expected to grow at a CAGR of 25.8% from 2026 to 2032.

Silicon carbide (SiC) is a promising material for high power and high efficiency power devices which promote an advanced, energy-saving society. Currently the SiC devices are widely used in electric vehicle (EV) applications, solar inverters, energy storage, industrial motor drives, and power supplies.

This report studies the foundry for silicon carbide (SiC) devices, include the SiC MOSFETs and SiC SBD. Currently only few fabs can provide the SiC wafer foundry, include X-Fab, Epasil Technology Inc., Sanan IC and HLMC, etc.

United States market for SiC Device Foundry is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for SiC Device Foundry is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for SiC Device Foundry is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key SiC Device Foundry players cover X-Fab, Epasil Technology Inc., Sanan IC, HLMC, GTA Semiconductor Co., Ltd., etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

LP Information, Inc. (LPI) ' newest research report, the "SiC Device Foundry Industry Forecast" looks at past sales and reviews total world SiC Device Foundry sales in 2025,

providing a comprehensive analysis by region and market sector of projected SiC Device Foundry sales for 2026 through 2032. With SiC Device Foundry sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world SiC Device Foundry industry.

This Insight Report provides a comprehensive analysis of the global SiC Device Foundry 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 SiC Device Foundry portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global SiC Device Foundry market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for SiC Device Foundry and breaks down the forecast by Technology, 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 SiC Device Foundry.

This report presents a comprehensive overview, market shares, and growth opportunities of SiC Device Foundry market by product type, application, key manufacturers and key regions and countries.

#### Segmentation by Technology:

SiC MOSFET

SiC SBD

#### Segmentation by Application:

Automotive & EV/HEV

EV Charging

UPS, Data Center & Server

PV, Energy Storage, Wind Power

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.

X-Fab

Episil Technology Inc.

Sanan IC

HLMC

GTA Semiconductor Co., Ltd.

Beijing Yandong Microelectronics

United Nova Technology

Global Power Technology

Wuhu Tus-Semiconductor

AscenPower

Clas-SiC Wafer Fab

SiCamore Semi

DB HiTek

Nanjing Quenergy Semiconductor

### **Key Questions Addressed in this Report**

What is the 10-year outlook for the global SiC Device Foundry market?

What factors are driving SiC Device Foundry market growth, globally and by region?

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

How do SiC Device Foundry market opportunities vary by end market size?

How does SiC Device Foundry break out by Technology, by Application?

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