

Global SiC & GaN Wafer Foundry Market Growth 2024-2030

<https://marketpublishers.com/r/GB2B75E1A6FAEN.html>

Date: November 2024

Pages: 130

Price: US\$ 3,660.00 (Single User License)

ID: GB2B75E1A6FAEN

Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

This report studies the wafer foundry for Silicon carbide (SiC) and Gallium Nitride (GaN). In SiC foundry segment, currently only few fabs can provide the SiC wafer foundry, include X-Fab, Epasil Technology Inc., Sanan IC and HLMC, etc. and in GaN foundry, which includes the GaN-on-Si Wafers and GaN-on Si Wafers, key players include TSMC, GlobalFoundries, UMC, VIS, WIN Semiconductors Corp., Epasil Technology Inc., UMS RF and Sanan IC.

The global SiC & GaN Wafer Foundry market size is projected to grow from US\$ 286 million in 2024 to US\$ 922 million in 2030; it is expected to grow at a CAGR of 21.6% from 2024 to 2030.

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

This Insight Report provides a comprehensive analysis of the global SiC & GaN Wafer 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 & GaN Wafer Foundry portfolios and capabilities, market entry strategies, market positions, and

geographic footprints, to better understand these firms' unique position in an accelerating global SiC & GaN Wafer Foundry market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for SiC & GaN Wafer 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 & GaN Wafer Foundry.

United States market for SiC & GaN Wafer Foundry 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 SiC & GaN Wafer Foundry 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 SiC & GaN Wafer Foundry is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Global key SiC & GaN Wafer Foundry players cover TSMC, GlobalFoundries, United Microelectronics Corporation (UMC), VIS (Vanguard International Semiconductor), X-Fab, 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 SiC & GaN Wafer Foundry market by product type, application, key manufacturers and key regions and countries.

Segmentation by Technology:

SiC Wafer Foundry

GaN Wafer Foundry

Segmentation by Application:

Automotive & EV/HEV

Consumer Electronics

RF Application

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.

TSMC

GlobalFoundries

United Microelectronics Corporation (UMC)

VIS (Vanguard International Semiconductor)

X-Fab

WIN Semiconductors Corp.

Episil Technology Inc.

Chengdu Hiwafer Semiconductor

UMS RF

Sanan IC

AWSC

GCS (Global Communication Semiconductors)

MACOM

HLMC

GTA Semiconductor Co., Ltd.

Beijing Yandong Microelectronics

United Nova Technology

SK keyfoundry Inc.

Nuvoton Technology Corporation

Key Questions Addressed in this Report

What is the 10-year outlook for the global SiC & GaN Wafer Foundry market?

What factors are driving SiC & GaN Wafer Foundry market growth, globally and by region?

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

How do SiC & GaN Wafer Foundry market opportunities vary by end market size?

How does SiC & GaN Wafer Foundry break out by Technology, by Application?

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