

Global Substrate GaN Epitaxial Wafer Market Growth 2024-2030

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Abstracts

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The substrate gallium nitride epitaxial wafer is designed to withstand the extreme stress of the GaN epitaxial process and reduce wafer bending and warping. GaN epitaxial wafers are grown using HVPE or MOCVD methods and can be used as an ideal and excellent substrate for high-frequency, high-speed, and high-power devices.

The global Substrate GaN Epitaxial Wafer 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 "Substrate GaN Epitaxial Wafer Industry Forecast" looks at past sales and reviews total world Substrate GaN Epitaxial Wafer sales in 2023, providing a comprehensive analysis by region and market sector of projected Substrate GaN Epitaxial Wafer sales for 2024 through 2030. With Substrate GaN Epitaxial Wafer sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Substrate GaN Epitaxial Wafer industry.

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

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

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

Global key Substrate GaN Epitaxial Wafer players cover Mitsubishi Chemical Corporation, EpiGaN, Sumitomo, GLC Semiconductor Group, Okmetic, 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 Substrate GaN Epitaxial Wafer market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Silicon Substrate

Sapphire Substrate

Silicon Carbide Substrate

Segmentation by Application:

CATV

5G Communications

Radars

Aerospace

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.

Mitsubishi Chemical Corporation

EpiGaN

Sumitomo

GLC Semiconductor Group

Okmetic

IGSS GaN

Homray Material Technology

POWDEC K.K.

Nitride Semiconductors

Atecom Technology

CorEnergy Semiconductor

Air Water

Ceramicforum

Zhonghuan Semiconductor

Xiamen Powerway Advanced Material

Dongguan Sino Crystal Semiconductor

Key Questions Addressed in this Report

What is the 10-year outlook for the global Substrate GaN Epitaxial Wafer market?

What factors are driving Substrate GaN Epitaxial Wafer market growth, globally and by region?

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

How do Substrate GaN Epitaxial Wafer market opportunities vary by end market size?

How does Substrate GaN Epitaxial Wafer break out by Type, by Application?

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