

Global GaN Substrate Material Market Growth 2024-2030

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Abstracts

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Gallium nitride substrate materials play a key role in the preparation process of gallium nitride semiconductor devices, and common ones include sapphire substrates, silicon substrates and silicon carbide substrates. Each of these substrate materials has advantages and disadvantages, and choosing the appropriate substrate depends on specific application requirements, including crystal quality requirements, cost considerations, growth processes and other factors. With the development and maturity of gallium nitride technology, continuous optimization and improvement of substrate materials will help promote the expansion of the performance and application fields of gallium nitride semiconductor devices.

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

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

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

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

Global key GaN Substrate Material players cover Crystalwise Technology, Gavish, Monocrystal, Rubicon Technology, Silian, 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 GaN Substrate Material market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Sapphire Blue

Si

SiC

GaN

Segmentation by Application:

Light Emitting Diode (LED)

Radio Frequency Integrated Circuit (RFIC)

Laser Diode

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.

Crystalwise Technology

Gavish

Monocrystal

Rubicon Technology

Silian

Shanxi Huajing Hengji New Materials

Yuanliang Technology

Huacan Optoelectronics Co., Ltd.

Sanan Optoelectronics Co., Ltd.

Precision Micro-Optics

Adamant Namiki

Mitsubishi Chemical

Sumitomo Electric

Hitachi

Shin-Etsu

Fuji Electric

Key Questions Addressed in this Report

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

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

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

How do GaN Substrate Material market opportunities vary by end market size?

How does GaN Substrate Material break out by Type, by Application?

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