

Global Free-standing GaN Substrate Wafer Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Free-standing GaN Substrate Wafer market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

Free-standing GaN substrate wafers are wafers made from gallium nitride semiconductor substrates. As the third-generation semiconductor material, gallium nitride is a material with a wide bandgap. It has large bandgap, high thermal conductivity, high electron saturation migration rate, and outstanding characteristics of high breakdown electric field. It meets the requirements for high temperature, high frequency, and high voltage. and requirements for radiation-hardened devices.

This report studies the global Free-standing GaN Substrate Wafer production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Free-standing GaN Substrate Wafer, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Free-standing GaN Substrate Wafer that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Free-standing GaN Substrate Wafer total production and demand, 2018-2029, (Units)

Global Free-standing GaN Substrate Wafer total production value, 2018-2029, (USD

Million)

Global Free-standing GaN Substrate Wafer production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Units)

Global Free-standing GaN Substrate Wafer consumption by region & country, CAGR, 2018-2029 & (Units)

U.S. VS China: Free-standing GaN Substrate Wafer domestic production, consumption, key domestic manufacturers and share

Global Free-standing GaN Substrate Wafer production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Units)

Global Free-standing GaN Substrate Wafer production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Units)

Global Free-standing GaN Substrate Wafer production by Application production, value, CAGR, 2018-2029, (USD Million) & (Units)

This reports profiles key players in the global Free-standing GaN Substrate Wafer market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Mitsubishi Chemical, Sumitomo Electric Industries, Hitachi, ShinEtsu Chemical, Suzhou Nanowin Science and Technology, Sino Nitride Semiconductor, Eta Research, Homray Material Technology and Innotronix Technologies, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Free-standing GaN Substrate Wafer market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by

year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Free-standing GaN Substrate Wafer Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Free-standing GaN Substrate Wafer Market, Segmentation by Type

Non-polar

Semipolar

Global Free-standing GaN Substrate Wafer Market, Segmentation by Application

Semiconductor

Automotive

Communication

Energy

Aerospace

Others

Companies Profiled:

Mitsubishi Chemical

Sumitomo Electric Industries

Hitachi

ShinEtsu Chemical

Suzhou Nanowin Science and Technology

Sino Nitride Semiconductor

Eta Research

Homray Material Technology

Innotronix Technologies

Key Questions Answered

1. How big is the global Free-standing GaN Substrate Wafer market?
2. What is the demand of the global Free-standing GaN Substrate Wafer market?
3. What is the year over year growth of the global Free-standing GaN Substrate Wafer market?
4. What is the production and production value of the global Free-standing GaN Substrate Wafer market?
5. Who are the key producers in the global Free-standing GaN Substrate Wafer market?

6. What are the growth factors driving the market demand?

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