

Global GaN-on-diamond HEMTs Market Growth 2023-2029

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Abstracts

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The global GaN-on-diamond HEMTs market size is projected to grow from US\$ 11 million in 2022 to US\$ 17 million in 2029; it is expected to grow at a CAGR of 6.0% from 2023 to 2029.

United States market for GaN-on-diamond HEMTs is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

China market for GaN-on-diamond HEMTs is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Europe market for GaN-on-diamond HEMTs is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key GaN-on-diamond HEMTs players cover Akash Systems, Inc., Qorvo, RFHIC Corporation, Mitsubishi Electric, Diamond Microwave Limited (DML), Sumitomo Electric and Compound Semiconductor (Xiamen) Technology, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

GaN devices have had a widespread deployment in optoelectronics, RF, and automotive. The market about GaN-on-diamond is for defense radar and satellite communications, for now, massive production for 5G base station is ongoing as well.

LPI (LP Information)' newest research report, the "GaN-on-diamond HEMTs Industry Forecast" looks at past sales and reviews total world GaN-on-diamond HEMTs sales in

2022, providing a comprehensive analysis by region and market sector of projected GaN-on-diamond HEMTs sales for 2023 through 2029. With GaN-on-diamond HEMTs sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world GaN-on-diamond HEMTs industry.

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

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for GaN-on-diamond HEMTs 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-on-diamond HEMTs.

This report presents a comprehensive overview, market shares, and growth opportunities of GaN-on-diamond HEMTs market by product type, application, key manufacturers and key regions and countries.

Market Segmentation:

Segmentation by type

Power Amplifiers

Radios and Transmitters

Segmentation by application

Aerospace & Space Communications

5G Base Station

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 analyzing the company's coverage, product portfolio, its market penetration.

Akash Systems, Inc.

Qorvo

RFHIC Corporation

Mitsubishi Electric

Diamond Microwave Limited (DML)

Sumitomo Electric

Compound Semiconductor (Xiamen) Technology

Key Questions Addressed in this Report

What is the 10-year outlook for the global GaN-on-diamond HEMTs market?

What factors are driving GaN-on-diamond HEMTs market growth, globally and by region?

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

How do GaN-on-diamond HEMTs market opportunities vary by end market size?

How does GaN-on-diamond HEMTs break out type, application?

What are the influences of COVID-19 and Russia-Ukraine war?

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