

Global GaN-on-diamond HEMTs Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global GaN-on-diamond HEMTs market size is expected to reach \$ 17 million by 2029, rising at a market growth of 5.5% CAGR during the forecast period (2023-2029).

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.

This report studies the global GaN-on-diamond HEMTs production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for GaN-on-diamond HEMTs, 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 GaN-on-diamond HEMTs that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global GaN-on-diamond HEMTs total production and demand, 2018-2029, (K Units)

Global GaN-on-diamond HEMTs total production value, 2018-2029, (USD Million)

Global GaN-on-diamond HEMTs production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global GaN-on-diamond HEMTs consumption by region & country, CAGR, 2018-2029

& (K Units)

U.S. VS China: GaN-on-diamond HEMTs domestic production, consumption, key domestic manufacturers and share

Global GaN-on-diamond HEMTs production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global GaN-on-diamond HEMTs production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global GaN-on-diamond HEMTs production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units)

This reports profiles key players in the global GaN-on-diamond HEMTs 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 Akash Systems, Inc., Qorvo, RFHIC Corporation, Mitsubishi Electric, Diamond Microwave Limited (DML), Sumitomo Electric and Compound Semiconductor (Xiamen) Technology, 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 GaN-on-diamond HEMTs market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K 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 GaN-on-diamond HEMTs Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global GaN-on-diamond HEMTs Market, Segmentation by Type

Power Amplifiers

Radios and Transmitters

Global GaN-on-diamond HEMTs Market, Segmentation by Application

Aerospace & Space Communications

5G Base Station

Companies Profiled:

Akash Systems, Inc.

Qorvo

RFHIC Corporation

Mitsubishi Electric

Diamond Microwave Limited (DML)

Sumitomo Electric

Compound Semiconductor (Xiamen) Technology

Key Questions Answered

1. How big is the global GaN-on-diamond HEMTs market?
2. What is the demand of the global GaN-on-diamond HEMTs market?
3. What is the year over year growth of the global GaN-on-diamond HEMTs market?
4. What is the production and production value of the global GaN-on-diamond HEMTs market?
5. Who are the key producers in the global GaN-on-diamond HEMTs market?
6. What are the growth factors driving the market demand?

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