

Global GaN on SiC Transistor Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global GaN on SiC Transistor market size is expected to reach \$ 829.4 million by 2029, rising at a market growth of 7.8% CAGR during the forecast period (2023-2029).

GaN on SiC has the highest power density and can efficiently generate high linear output power. The main feature is that SiC is used as the substrate, and GaN is used as the epitaxy. By growing the GaN epitaxial layer on the SiC substrate, GaN on SiC epitaxial wafers are prepared and then GaN on SiC devices are further fabricated.

This report studies the global GaN on SiC Transistor production, demand, key manufacturers, and key regions.

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

Highlights and key features of the study

Global GaN on SiC Transistor total production and demand, 2018-2029, (M Units)

Global GaN on SiC Transistor total production value, 2018-2029, (USD Million)

Global GaN on SiC Transistor production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (M Units)

Global GaN on SiC Transistor consumption by region & country, CAGR, 2018-2029 & (M Units)

U.S. VS China: GaN on SiC Transistor domestic production, consumption, key domestic manufacturers and share

Global GaN on SiC Transistor production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (M Units)

Global GaN on SiC Transistor production by Type, production, value, CAGR, 2018-2029, (USD Million) & (M Units)

Global GaN on SiC Transistor production by Application production, value, CAGR, 2018-2029, (USD Million) & (M Units)

This reports profiles key players in the global GaN on SiC Transistor 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 RFHIC Corporation, NXP Semiconductor, Wolfspeed, Ampleon, Qorvo, Gallium Semiconductor, Macom, Integra Technologies Inc and BeRex, 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 SiC Transistor market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (M Units) and average price (USD/K 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 SiC Transistor Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global GaN on SiC Transistor Market, Segmentation by Type

Small Power Transistor

Large Power Transistor

Global GaN on SiC Transistor Market, Segmentation by Application

RF Devices

Power Discrete Devices

Companies Profiled:

RFHIC Corporation

NXP Semiconductor

Wolfspeed

Ampleon

Qorvo

Gallium Semiconductor

Macom

Integra Technologies Inc

BeRex

Microchip Technology

WAVICE

Mitsubishi Electric

United Monolithic Semiconductors

Key Questions Answered

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

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