

# Global GaN on SiC Transistor Market Growth 2023-2029

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## Abstracts

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The global GaN on SiC Transistor market size is projected to grow from US\$ 464.7 million in 2022 to US\$ 822.9 million in 2029; it is expected to grow at a CAGR of 8.5% from 2023 to 2029.

United States market for GaN on SiC Transistor 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 SiC Transistor 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 SiC Transistor 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 SiC Transistor players cover RFHIC Corporation, NXP Semiconductor, Wolfspeed, Ampleon, Qorvo, Gallium Semiconductor, Macom, Integra Technologies Inc and BeRex, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

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.

LPI (LP Information)' newest research report, the "GaN on SiC Transistor Industry

Forecast” looks at past sales and reviews total world GaN on SiC Transistor sales in 2022, providing a comprehensive analysis by region and market sector of projected GaN on SiC Transistor sales for 2023 through 2029. With GaN on SiC Transistor sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world GaN on SiC Transistor industry.

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

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

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

#### Market Segmentation:

##### Segmentation by type

Small Power Transistor

Large Power Transistor

##### Segmentation by application

RF Devices

## Power Discrete Devices

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.

RFHIC Corporation

NXP Semiconductor

Wolfspeed

Ampleon

Qorvo

Gallium Semiconductor

Macom

Integra Technologies Inc

BeRex

Microchip Technology

WAVICE

Mitsubishi Electric

United Monolithic Semiconductors

### Key Questions Addressed in this Report

What is the 10-year outlook for the global GaN on SiC Transistor market?

What factors are driving GaN on SiC Transistor market growth, globally and by region?

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

How do GaN on SiC Transistor market opportunities vary by end market size?

How does GaN on SiC Transistor break out type, application?

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

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