

Global SiC and GaN Transistor Market Growth 2026-2032

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Abstracts

The global SiC and GaN Transistor market size is predicted to grow from US\$ million in 2025 to US\$ million in 2032; it is expected to grow at a CAGR of % from 2026 to 2032.

United States market for SiC and GaN Transistor is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for SiC and GaN Transistor is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for SiC and GaN Transistor is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key SiC and GaN Transistor players cover Sumitomo Electric, Wolfspeed, Rohm, STMicroelectronics, Infineon, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

LP Information, Inc. (LPI) ' newest research report, the "SiC and GaN Transistor Industry Forecast" looks at past sales and reviews total world SiC and GaN Transistor sales in 2025, providing a comprehensive analysis by region and market sector of projected SiC and GaN Transistor sales for 2026 through 2032. With SiC and GaN Transistor sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world SiC and GaN Transistor industry.

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

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

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

Segmentation by Type:

SiC Transistor

GaN Transistor

Segmentation by Application:

Consumer Electronics

Medical Devices

Telecommunications

National Defense

Electric Car

Photovoltaic

Wind Power

Rail Transit

Others

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

Sumitomo Electric

Wolfspeed

Rohm

STMicroelectronics

Infineon

IXYS (Littelfuse)

ON Semiconductor

Microsemi

UnitedSiC (Qorvo)

GeneSiC

Toshiba

Key Questions Addressed in this Report

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

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

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

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

How does SiC and GaN Transistor break out by Type, by Application?

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