

# Global GaN Based Power Device Market Growth 2025-2031

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## Abstracts

The global GaN Based Power Device market size is predicted to grow from US\$ million in 2025 to US\$ million in 2031; it is expected to grow at a CAGR of % from 2025 to 2031.

The impact of the latest U.S. tariff measures and the corresponding policy responses from countries worldwide on market competitiveness, regional economic performance, and supply chain configurations will be comprehensively evaluated in this report.

United States market for GaN Based Power Device is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

China market for GaN Based Power Device is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Europe market for GaN Based Power Device is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Global key GaN Based Power Device players cover Cree (US), Qorvo (US), MACOM (US), Microchip Technology, Analog Devices US), etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2024.

LP Information, Inc. (LPI) ' newest research report, the "GaN Based Power Device Industry Forecast" looks at past sales and reviews total world GaN Based Power Device sales in 2024, providing a comprehensive analysis by region and market sector of projected GaN Based Power Device sales for 2025 through 2031. With GaN Based Power Device sales broken down by region, market sector and sub-sector, this report

provides a detailed analysis in US\$ millions of the world GaN Based Power Device industry.

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

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for GaN Based Power Device 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 Based Power Device.

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

#### Segmentation by Type:

Power

RF Power

#### Segmentation by Application:

Telecommunications

Automotive

Renewables

Consumer and Enterprise

Aerospace & Defense

Medical

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.

Cree (US)

Qorvo (US)

MACOM (US)

Microchip Technology

Analog Devices US)

Efficient Power Conversion (US)

Integra Technologies (US)

Transphorm (US)

Navitas Semiconductor (US)

Texas Instruments (US)

Sumitomo Electric (Japan)

Northrop Grumman Corporation (US)

Qromis (US)

Polyfet (US)

TOSHIBA (Japan)

Sumitomo Electric (Japan)

Mitsubishi Electric (Japan)

GaN Systems (Canada)

VisIC Technologies (Israel)

GaNPower (Canada)

Infineon (Germany)

Exagan (France)

Ampleon (Netherlands)

EpiGaN (Belgium)

### Key Questions Addressed in this Report

What is the 10-year outlook for the global GaN Based Power Device market?

What factors are driving GaN Based Power Device market growth, globally and by region?

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

How do GaN Based Power Device market opportunities vary by end market size?

How does GaN Based Power Device break out by Type, by Application?

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