

# Global GaN-On-SiC Devices Market Growth 2026-2032

<https://marketpublishers.com/r/GCB53D08682CEN.html>

Date: May 2026

Pages: 131

Price: US\$ 3,660.00 (Single User License)

ID: GCB53D08682CEN

## Abstracts

The global GaN-On-SiC Devices market size is predicted to grow from US\$ 1385 million in 2025 to US\$ 2240 million in 2032; it is expected to grow at a CAGR of 7.0% from 2026 to 2032.

GaN-on-SiC devices generally refer to RF/microwave/mmWave devices and ICs built on semi-insulating SiC substrates, where a GaN/AlGaN heterostructure is grown (predominantly by MOCVD) and processed into commercial products. In practical market scope, this includes discrete RF GaN power transistors (GaN HEMTs, die or packaged), GaN MMICs (monolithic microwave ICs integrating PA/driver/LNA/switch functions), and system-facing chips used inside PA and T/R building blocks. The technology rationale is to combine GaN's high power-density capability with SiC's high thermal conductivity and low RF losses, which is why GaN-on-SiC has long been positioned as the preferred stack for high power-density RF performance.

Technically, GaN-on-SiC leverages the GaN HEMT 2DEG channel to enable higher breakdown/operating voltage, higher current density, and high-frequency capability, translating into high efficiency and smaller die size at high output power. At the same time, SiC-substrate thermal handling is a first-order limiter for power density and lifetime, making thermal design (R<sub>th</sub>/hotspots), trap-related dynamic behavior, and package parasitics/thermal paths central differentiators across device-MMIC-module integration. A key manufacturing trend is platform and wafer-size scaling: many GaN-on-SiC processes historically ran on 100mm wafers, while leading ecosystems have expanded toward 150mm (6-inch) to improve scale and cost economics; industry surveys explicitly discuss the move to 150mm at Qorvo/NXP and the cost-loading trade-offs between fully loaded 100mm lines and under-loaded 150mm lines, and technical literature highlights wafer scaling (100mm ? 150mm) as a direct lever to reduce GaN MMIC unit cost.

Across applications, value chain, and market dynamics, GaN-on-SiC devices are primarily pulled by wireless infrastructure, satcom, and aerospace & defense (radar, EW, AESA T/R modules), with additional penetration into specialty industrial/microwave systems; public materials also illustrate GaN MMIC/HEMT PAs and LNAs as core building blocks for radar systems. The upstream chain spans semi-insulating SiC substrates, epitaxy (MOCVD), device/MMIC fabrication (IDMs and specialty RF foundries including trusted flows), and RF packaging & test feeding system OEMs. On the industry side, the supply base is reshaping via portfolio focus and consolidation—e.g., Wolfspeed completed the sale of its RF business to MACOM in 2023 and stated it became a pure-play SiC semiconductor manufacturer. Key trends and drivers include defense and satcom growth, higher-bandwidth RF architectures (5G/6G) demanding higher power/linearity, substrate-platform segmentation (GaN-on-Si favored for cost-sensitive high-volume RAN while GaN-on-SiC remains for ultra-high-power-density/high-reliability niches), and upstream SiC ecosystem progress from 150mm toward 200mm supported by new open R&D lines that can underpin future scale and cost-down.

LP Information, Inc. (LPI) ' newest research report, the “GaN-On-SiC Devices Industry Forecast” looks at past sales and reviews total world GaN-On-SiC Devices sales in 2025, providing a comprehensive analysis by region and market sector of projected GaN-On-SiC Devices sales for 2026 through 2032. With GaN-On-SiC Devices 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 Devices industry.

This Insight Report provides a comprehensive analysis of the global GaN-On-SiC Devices 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 Devices 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 Devices market.

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

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

#### Segmentation by Type:

GaN HEMT

GaN MMICs

#### Segmentation by Wafer Size:

6 inch GaN-on-SiC Devices

4 inch GaN-on-SiC Devices

#### Segmentation by Application:

Telecom Infrastructure

Military & Defense

Satcom

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 Device Innovations (SEDI)

MACOM

Qorvo

NXP

RFHIC Corporation

Raytheon

Dynax Semiconductor

Mitsubishi Electric

CETC 55

Northrop Grumman

Ampleon

UMS RF

CETC 13

ReliaSat (Arralis)

WAVICE Inc

Microchip Technology

Youjia Technology (Suzhou) Co., Ltd

Shenzhen Taigao Technology

Hebei Sinopack Electronic Technology

#### Key Questions Addressed in this Report

What is the 10-year outlook for the global GaN-On-SiC Devices market?

What factors are driving GaN-On-SiC Devices market growth, globally and by region?

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

How do GaN-On-SiC Devices market opportunities vary by end market size?

How does GaN-On-SiC Devices break out by Type, by Application?

## Contents

### 1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

### 2 EXECUTIVE SUMMARY

#### 2.1 World Market Overview

- 2.1.1 Global GaN-On-SiC Devices Annual Sales 2021-2032
- 2.1.2 World Current & Future Analysis for GaN-On-SiC Devices by Geographic Region, 2021, 2025 & 2032
- 2.1.3 World Current & Future Analysis for GaN-On-SiC Devices by Country/Region, 2021, 2025 & 2032

#### 2.2 GaN-On-SiC Devices Segment by Type

- 2.2.1 GaN HEMT
- 2.2.2 GaN MMICs
- 2.2.3 GaN-On-SiC Devices Sales by Type
  - 2.2.3.1 Global GaN-On-SiC Devices Sales Market Share by Type (2021-2026)
  - 2.2.3.2 Global GaN-On-SiC Devices Revenue and Market Share by Type (2021-2026)
  - 2.2.3.3 Global GaN-On-SiC Devices Sale Price by Type (2021-2026)

#### 2.3 GaN-On-SiC Devices Segment by Wafer Size

- 2.3.1 6 inch GaN-on-SiC Devices
- 2.3.2 4 inch GaN-on-SiC Devices
- 2.3.3 GaN-On-SiC Devices Sales by Wafer Size
  - 2.3.3.1 Global GaN-On-SiC Devices Sales Market Share by Wafer Size (2021-2026)
  - 2.3.3.2 Global GaN-On-SiC Devices Revenue and Market Share by Wafer Size (2021-2026)
  - 2.3.3.3 Global GaN-On-SiC Devices Sale Price by Wafer Size (2021-2026)

#### 2.4 GaN-On-SiC Devices Segment by Application

- 2.4.1 Telecom Infrastructure

- 2.4.2 Military & Defense
- 2.4.3 Satcom
- 2.4.4 Others
- 2.4.5 GaN-On-SiC Devices Sales by Application
  - 2.4.5.1 Global GaN-On-SiC Devices Sale Market Share by Application (2021-2026)
  - 2.4.5.2 Global GaN-On-SiC Devices Revenue and Market Share by Application (2021-2026)
  - 2.4.5.3 Global GaN-On-SiC Devices Sale Price by Application (2021-2026)

### **3 GLOBAL BY COMPANY**

- 3.1 Global GaN-On-SiC Devices Breakdown Data by Company
  - 3.1.1 Global GaN-On-SiC Devices Annual Sales by Company (2021-2026)
  - 3.1.2 Global GaN-On-SiC Devices Sales Market Share by Company (2021-2026)
- 3.2 Global GaN-On-SiC Devices Annual Revenue by Company (2021-2026)
  - 3.2.1 Global GaN-On-SiC Devices Revenue by Company (2021-2026)
  - 3.2.2 Global GaN-On-SiC Devices Revenue Market Share by Company (2021-2026)
- 3.3 Global GaN-On-SiC Devices Sale Price by Company
- 3.4 Key Manufacturers GaN-On-SiC Devices Producing Area Distribution, Sales Area, Product Type
  - 3.4.1 Key Manufacturers GaN-On-SiC Devices Product Location Distribution
  - 3.4.2 Players GaN-On-SiC Devices Products Offered
- 3.5 Market Concentration Rate Analysis
  - 3.5.1 Competition Landscape Analysis
  - 3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)
- 3.6 New Products and Potential Entrants
- 3.7 Market M&A Activity & Strategy

### **4 WORLD HISTORIC REVIEW FOR GAN-ON-SIC DEVICES BY GEOGRAPHIC REGION**

- 4.1 World Historic GaN-On-SiC Devices Market Size by Geographic Region (2021-2026)
  - 4.1.1 Global GaN-On-SiC Devices Annual Sales by Geographic Region (2021-2026)
  - 4.1.2 Global GaN-On-SiC Devices Annual Revenue by Geographic Region (2021-2026)
- 4.2 World Historic GaN-On-SiC Devices Market Size by Country/Region (2021-2026)
  - 4.2.1 Global GaN-On-SiC Devices Annual Sales by Country/Region (2021-2026)
  - 4.2.2 Global GaN-On-SiC Devices Annual Revenue by Country/Region (2021-2026)

- 4.3 Americas GaN-On-SiC Devices Sales Growth
- 4.4 APAC GaN-On-SiC Devices Sales Growth
- 4.5 Europe GaN-On-SiC Devices Sales Growth
- 4.6 Middle East & Africa GaN-On-SiC Devices Sales Growth

## **5 AMERICAS**

- 5.1 Americas GaN-On-SiC Devices Sales by Country
  - 5.1.1 Americas GaN-On-SiC Devices Sales by Country (2021-2026)
  - 5.1.2 Americas GaN-On-SiC Devices Revenue by Country (2021-2026)
- 5.2 Americas GaN-On-SiC Devices Sales by Type (2021-2026)
- 5.3 Americas GaN-On-SiC Devices Sales by Application (2021-2026)
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

## **6 APAC**

- 6.1 APAC GaN-On-SiC Devices Sales by Region
  - 6.1.1 APAC GaN-On-SiC Devices Sales by Region (2021-2026)
  - 6.1.2 APAC GaN-On-SiC Devices Revenue by Region (2021-2026)
- 6.2 APAC GaN-On-SiC Devices Sales by Type (2021-2026)
- 6.3 APAC GaN-On-SiC Devices Sales by Application (2021-2026)
- 6.4 China
- 6.5 Japan
- 6.6 South Korea
- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia
- 6.10 China Taiwan

## **7 EUROPE**

- 7.1 Europe GaN-On-SiC Devices by Country
  - 7.1.1 Europe GaN-On-SiC Devices Sales by Country (2021-2026)
  - 7.1.2 Europe GaN-On-SiC Devices Revenue by Country (2021-2026)
- 7.2 Europe GaN-On-SiC Devices Sales by Type (2021-2026)
- 7.3 Europe GaN-On-SiC Devices Sales by Application (2021-2026)

- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

## **8 MIDDLE EAST & AFRICA**

- 8.1 Middle East & Africa GaN-On-SiC Devices by Country
  - 8.1.1 Middle East & Africa GaN-On-SiC Devices Sales by Country (2021-2026)
  - 8.1.2 Middle East & Africa GaN-On-SiC Devices Revenue by Country (2021-2026)
- 8.2 Middle East & Africa GaN-On-SiC Devices Sales by Type (2021-2026)
- 8.3 Middle East & Africa GaN-On-SiC Devices Sales by Application (2021-2026)
- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel
- 8.7 Turkey
- 8.8 GCC Countries

## **9 MARKET DRIVERS, CHALLENGES AND TRENDS**

- 9.1 Market Drivers & Growth Opportunities
- 9.2 Market Challenges & Risks
- 9.3 Industry Trends

## **10 MANUFACTURING COST STRUCTURE ANALYSIS**

- 10.1 Raw Material and Suppliers
- 10.2 Manufacturing Cost Structure Analysis of GaN-On-SiC Devices
- 10.3 Manufacturing Process Analysis of GaN-On-SiC Devices
- 10.4 Industry Chain Structure of GaN-On-SiC Devices

## **11 MARKETING, DISTRIBUTORS AND CUSTOMER**

- 11.1 Sales Channel
  - 11.1.1 Direct Channels
  - 11.1.2 Indirect Channels
- 11.2 GaN-On-SiC Devices Distributors
- 11.3 GaN-On-SiC Devices Customer

## **12 WORLD FORECAST REVIEW FOR GAN-ON-SiC DEVICES BY GEOGRAPHIC REGION**

### 12.1 Global GaN-On-SiC Devices Market Size Forecast by Region

12.1.1 Global GaN-On-SiC Devices Forecast by Region (2027-2032)

12.1.2 Global GaN-On-SiC Devices Annual Revenue Forecast by Region (2027-2032)

### 12.2 Americas Forecast by Country (2027-2032)

### 12.3 APAC Forecast by Region (2027-2032)

### 12.4 Europe Forecast by Country (2027-2032)

### 12.5 Middle East & Africa Forecast by Country (2027-2032)

### 12.6 Global GaN-On-SiC Devices Forecast by Type (2027-2032)

### 12.7 Global GaN-On-SiC Devices Forecast by Application (2027-2032)

## **13 KEY PLAYERS ANALYSIS**

### 13.1 Sumitomo Electric Device Innovations (SEDI)

13.1.1 Sumitomo Electric Device Innovations (SEDI) Company Information

13.1.2 Sumitomo Electric Device Innovations (SEDI) GaN-On-SiC Devices Product Portfolios and Specifications

13.1.3 Sumitomo Electric Device Innovations (SEDI) GaN-On-SiC Devices Sales, Revenue, Price and Gross Margin (2021-2026)

13.1.4 Sumitomo Electric Device Innovations (SEDI) Main Business Overview

13.1.5 Sumitomo Electric Device Innovations (SEDI) Latest Developments

### 13.2 MACOM

13.2.1 MACOM Company Information

13.2.2 MACOM GaN-On-SiC Devices Product Portfolios and Specifications

13.2.3 MACOM GaN-On-SiC Devices Sales, Revenue, Price and Gross Margin (2021-2026)

13.2.4 MACOM Main Business Overview

13.2.5 MACOM Latest Developments

### 13.3 Qorvo

13.3.1 Qorvo Company Information

13.3.2 Qorvo GaN-On-SiC Devices Product Portfolios and Specifications

13.3.3 Qorvo GaN-On-SiC Devices Sales, Revenue, Price and Gross Margin (2021-2026)

13.3.4 Qorvo Main Business Overview

13.3.5 Qorvo Latest Developments

### 13.4 NXP

- 13.4.1 NXP Company Information
- 13.4.2 NXP GaN-On-SiC Devices Product Portfolios and Specifications
- 13.4.3 NXP GaN-On-SiC Devices Sales, Revenue, Price and Gross Margin (2021-2026)
- 13.4.4 NXP Main Business Overview
- 13.4.5 NXP Latest Developments
- 13.5 RFHIC Corporation
  - 13.5.1 RFHIC Corporation Company Information
  - 13.5.2 RFHIC Corporation GaN-On-SiC Devices Product Portfolios and Specifications
  - 13.5.3 RFHIC Corporation GaN-On-SiC Devices Sales, Revenue, Price and Gross Margin (2021-2026)
  - 13.5.4 RFHIC Corporation Main Business Overview
  - 13.5.5 RFHIC Corporation Latest Developments
- 13.6 Raytheon
  - 13.6.1 Raytheon Company Information
  - 13.6.2 Raytheon GaN-On-SiC Devices Product Portfolios and Specifications
  - 13.6.3 Raytheon GaN-On-SiC Devices Sales, Revenue, Price and Gross Margin (2021-2026)
  - 13.6.4 Raytheon Main Business Overview
  - 13.6.5 Raytheon Latest Developments
- 13.7 Dynax Semiconductor
  - 13.7.1 Dynax Semiconductor Company Information
  - 13.7.2 Dynax Semiconductor GaN-On-SiC Devices Product Portfolios and Specifications
  - 13.7.3 Dynax Semiconductor GaN-On-SiC Devices Sales, Revenue, Price and Gross Margin (2021-2026)
  - 13.7.4 Dynax Semiconductor Main Business Overview
  - 13.7.5 Dynax Semiconductor Latest Developments
- 13.8 Mitsubishi Electric
  - 13.8.1 Mitsubishi Electric Company Information
  - 13.8.2 Mitsubishi Electric GaN-On-SiC Devices Product Portfolios and Specifications
  - 13.8.3 Mitsubishi Electric GaN-On-SiC Devices Sales, Revenue, Price and Gross Margin (2021-2026)
  - 13.8.4 Mitsubishi Electric Main Business Overview
  - 13.8.5 Mitsubishi Electric Latest Developments
- 13.9 CETC
  - 13.9.1 CETC 55 Company Information
  - 13.9.2 CETC 55 GaN-On-SiC Devices Product Portfolios and Specifications
  - 13.9.3 CETC 55 GaN-On-SiC Devices Sales, Revenue, Price and Gross Margin

(2021-2026)

13.9.4 CETC 55 Main Business Overview

13.9.5 CETC 55 Latest Developments

13.10 Northrop Grumman

13.10.1 Northrop Grumman Company Information

13.10.2 Northrop Grumman GaN-On-SiC Devices Product Portfolios and Specifications

13.10.3 Northrop Grumman GaN-On-SiC Devices Sales, Revenue, Price and Gross Margin (2021-2026)

13.10.4 Northrop Grumman Main Business Overview

13.10.5 Northrop Grumman Latest Developments

13.11 Ampleon

13.11.1 Ampleon Company Information

13.11.2 Ampleon GaN-On-SiC Devices Product Portfolios and Specifications

13.11.3 Ampleon GaN-On-SiC Devices Sales, Revenue, Price and Gross Margin

(2021-2026)

13.11.4 Ampleon Main Business Overview

13.11.5 Ampleon Latest Developments

13.12 UMS RF

13.12.1 UMS RF Company Information

13.12.2 UMS RF GaN-On-SiC Devices Product Portfolios and Specifications

13.12.3 UMS RF GaN-On-SiC Devices Sales, Revenue, Price and Gross Margin

(2021-2026)

13.12.4 UMS RF Main Business Overview

13.12.5 UMS RF Latest Developments

13.13 CETC

13.13.1 CETC 13 Company Information

13.13.2 CETC 13 GaN-On-SiC Devices Product Portfolios and Specifications

13.13.3 CETC 13 GaN-On-SiC Devices Sales, Revenue, Price and Gross Margin

(2021-2026)

13.13.4 CETC 13 Main Business Overview

13.13.5 CETC 13 Latest Developments

13.14 ReliaSat (Arralis)

13.14.1 ReliaSat (Arralis) Company Information

13.14.2 ReliaSat (Arralis) GaN-On-SiC Devices Product Portfolios and Specifications

13.14.3 ReliaSat (Arralis) GaN-On-SiC Devices Sales, Revenue, Price and Gross Margin (2021-2026)

13.14.4 ReliaSat (Arralis) Main Business Overview

13.14.5 ReliaSat (Arralis) Latest Developments

### 13.15 WAVICE Inc

13.15.1 WAVICE Inc Company Information

13.15.2 WAVICE Inc GaN-On-SiC Devices Product Portfolios and Specifications

13.15.3 WAVICE Inc GaN-On-SiC Devices Sales, Revenue, Price and Gross Margin (2021-2026)

13.15.4 WAVICE Inc Main Business Overview

13.15.5 WAVICE Inc Latest Developments

### 13.16 Microchip Technology

13.16.1 Microchip Technology Company Information

13.16.2 Microchip Technology GaN-On-SiC Devices Product Portfolios and Specifications

13.16.3 Microchip Technology GaN-On-SiC Devices Sales, Revenue, Price and Gross Margin (2021-2026)

13.16.4 Microchip Technology Main Business Overview

13.16.5 Microchip Technology Latest Developments

### 13.17 Youjia Technology (Suzhou) Co., Ltd

13.17.1 Youjia Technology (Suzhou) Co., Ltd Company Information

13.17.2 Youjia Technology (Suzhou) Co., Ltd GaN-On-SiC Devices Product Portfolios and Specifications

13.17.3 Youjia Technology (Suzhou) Co., Ltd GaN-On-SiC Devices Sales, Revenue, Price and Gross Margin (2021-2026)

13.17.4 Youjia Technology (Suzhou) Co., Ltd Main Business Overview

13.17.5 Youjia Technology (Suzhou) Co., Ltd Latest Developments

### 13.18 Shenzhen Taigao Technology

13.18.1 Shenzhen Taigao Technology Company Information

13.18.2 Shenzhen Taigao Technology GaN-On-SiC Devices Product Portfolios and Specifications

13.18.3 Shenzhen Taigao Technology GaN-On-SiC Devices Sales, Revenue, Price and Gross Margin (2021-2026)

13.18.4 Shenzhen Taigao Technology Main Business Overview

13.18.5 Shenzhen Taigao Technology Latest Developments

### 13.19 Hebei Sinopack Electronic Technology

13.19.1 Hebei Sinopack Electronic Technology Company Information

13.19.2 Hebei Sinopack Electronic Technology GaN-On-SiC Devices Product Portfolios and Specifications

13.19.3 Hebei Sinopack Electronic Technology GaN-On-SiC Devices Sales, Revenue, Price and Gross Margin (2021-2026)

13.19.4 Hebei Sinopack Electronic Technology Main Business Overview

13.19.5 Hebei Sinopack Electronic Technology Latest Developments

## 14 RESEARCH FINDINGS AND CONCLUSION

## List Of Tables

### LIST OF TABLES

Table 1. GaN-On-SiC Devices Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & (\$ millions)

Table 2. GaN-On-SiC Devices Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & (\$ millions)

Table 3. Major Players of GaN HEMT

Table 4. Major Players of GaN MMICs

Table 5. Global GaN-On-SiC Devices Sales by Type (2021-2026) & (K Units)

Table 6. Global GaN-On-SiC Devices Sales Market Share by Type (2021-2026)

Table 7. Global GaN-On-SiC Devices Revenue by Type (2021-2026) & (\$ million)

Table 8. Global GaN-On-SiC Devices Revenue Market Share by Type (2021-2026)

Table 9. Global GaN-On-SiC Devices Sale Price by Type (2021-2026) & (US\$/Unit)

Table 10. Major Players of 6 inch GaN-on-SiC Devices

Table 11. Major Players of 4 inch GaN-on-SiC Devices

Table 12. Global GaN-On-SiC Devices Sales by Wafer Size (2021-2026) & (K Units)

Table 13. Global GaN-On-SiC Devices Sales Market Share by Wafer Size (2021-2026)

Table 14. Global GaN-On-SiC Devices Revenue by Wafer Size (2021-2026) & (\$ million)

Table 15. Global GaN-On-SiC Devices Revenue Market Share by Wafer Size (2021-2026)

Table 16. Global GaN-On-SiC Devices Sale Price by Wafer Size (2021-2026) & (US\$/Unit)

Table 17. Global GaN-On-SiC Devices Sale by Application (2021-2026) & (K Units)

Table 18. Global GaN-On-SiC Devices Sale Market Share by Application (2021-2026)

Table 19. Global GaN-On-SiC Devices Revenue by Application (2021-2026) & (\$ million)

Table 20. Global GaN-On-SiC Devices Revenue Market Share by Application (2021-2026)

Table 21. Global GaN-On-SiC Devices Sale Price by Application (2021-2026) & (US\$/Unit)

Table 22. Global GaN-On-SiC Devices Sales by Company (2021-2026) & (K Units)

Table 23. Global GaN-On-SiC Devices Sales Market Share by Company (2021-2026)

Table 24. Global GaN-On-SiC Devices Revenue by Company (2021-2026) & (\$ millions)

Table 25. Global GaN-On-SiC Devices Revenue Market Share by Company (2021-2026)

Table 26. Global GaN-On-SiC Devices Sale Price by Company (2021-2026) & (US\$/Unit)

Table 27. Key Manufacturers GaN-On-SiC Devices Producing Area Distribution and Sales Area

Table 28. Players GaN-On-SiC Devices Products Offered

Table 29. GaN-On-SiC Devices Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

Table 30. New Products and Potential Entrants

Table 31. Market M&A Activity & Strategy

Table 32. Global GaN-On-SiC Devices Sales by Geographic Region (2021-2026) & (K Units)

Table 33. Global GaN-On-SiC Devices Sales Market Share Geographic Region (2021-2026)

Table 34. Global GaN-On-SiC Devices Revenue by Geographic Region (2021-2026) & (\$ millions)

Table 35. Global GaN-On-SiC Devices Revenue Market Share by Geographic Region (2021-2026)

Table 36. Global GaN-On-SiC Devices Sales by Country/Region (2021-2026) & (K Units)

Table 37. Global GaN-On-SiC Devices Sales Market Share by Country/Region (2021-2026)

Table 38. Global GaN-On-SiC Devices Revenue by Country/Region (2021-2026) & (\$ millions)

Table 39. Global GaN-On-SiC Devices Revenue Market Share by Country/Region (2021-2026)

Table 40. Americas GaN-On-SiC Devices Sales by Country (2021-2026) & (K Units)

Table 41. Americas GaN-On-SiC Devices Sales Market Share by Country (2021-2026)

Table 42. Americas GaN-On-SiC Devices Revenue by Country (2021-2026) & (\$ millions)

Table 43. Americas GaN-On-SiC Devices Sales by Type (2021-2026) & (K Units)

Table 44. Americas GaN-On-SiC Devices Sales by Application (2021-2026) & (K Units)

Table 45. APAC GaN-On-SiC Devices Sales by Region (2021-2026) & (K Units)

Table 46. APAC GaN-On-SiC Devices Sales Market Share by Region (2021-2026)

Table 47. APAC GaN-On-SiC Devices Revenue by Region (2021-2026) & (\$ millions)

Table 48. APAC GaN-On-SiC Devices Sales by Type (2021-2026) & (K Units)

Table 49. APAC GaN-On-SiC Devices Sales by Application (2021-2026) & (K Units)

Table 50. Europe GaN-On-SiC Devices Sales by Country (2021-2026) & (K Units)

Table 51. Europe GaN-On-SiC Devices Revenue by Country (2021-2026) & (\$ millions)

Table 52. Europe GaN-On-SiC Devices Sales by Type (2021-2026) & (K Units)

- Table 53. Europe GaN-On-SiC Devices Sales by Application (2021-2026) & (K Units)
- Table 54. Middle East & Africa GaN-On-SiC Devices Sales by Country (2021-2026) & (K Units)
- Table 55. Middle East & Africa GaN-On-SiC Devices Revenue Market Share by Country (2021-2026)
- Table 56. Middle East & Africa GaN-On-SiC Devices Sales by Type (2021-2026) & (K Units)
- Table 57. Middle East & Africa GaN-On-SiC Devices Sales by Application (2021-2026) & (K Units)
- Table 58. Key Market Drivers & Growth Opportunities of GaN-On-SiC Devices
- Table 59. Key Market Challenges & Risks of GaN-On-SiC Devices
- Table 60. Key Industry Trends of GaN-On-SiC Devices
- Table 61. GaN-On-SiC Devices Raw Material
- Table 62. Key Suppliers of Raw Materials
- Table 63. GaN-On-SiC Devices Distributors List
- Table 64. GaN-On-SiC Devices Customer List
- Table 65. Global GaN-On-SiC Devices Sales Forecast by Region (2027-2032) & (K Units)
- Table 66. Global GaN-On-SiC Devices Revenue Forecast by Region (2027-2032) & (\$ millions)
- Table 67. Americas GaN-On-SiC Devices Sales Forecast by Country (2027-2032) & (K Units)
- Table 68. Americas GaN-On-SiC Devices Annual Revenue Forecast by Country (2027-2032) & (\$ millions)
- Table 69. APAC GaN-On-SiC Devices Sales Forecast by Region (2027-2032) & (K Units)
- Table 70. APAC GaN-On-SiC Devices Annual Revenue Forecast by Region (2027-2032) & (\$ millions)
- Table 71. Europe GaN-On-SiC Devices Sales Forecast by Country (2027-2032) & (K Units)
- Table 72. Europe GaN-On-SiC Devices Revenue Forecast by Country (2027-2032) & (\$ millions)
- Table 73. Middle East & Africa GaN-On-SiC Devices Sales Forecast by Country (2027-2032) & (K Units)
- Table 74. Middle East & Africa GaN-On-SiC Devices Revenue Forecast by Country (2027-2032) & (\$ millions)
- Table 75. Global GaN-On-SiC Devices Sales Forecast by Type (2027-2032) & (K Units)
- Table 76. Global GaN-On-SiC Devices Revenue Forecast by Type (2027-2032) & (\$ millions)

Table 77. Global GaN-On-SiC Devices Sales Forecast by Application (2027-2032) & (K Units)

Table 78. Global GaN-On-SiC Devices Revenue Forecast by Application (2027-2032) & (\$ millions)

Table 79. Sumitomo Electric Device Innovations (SEDI) Basic Information, GaN-On-SiC Devices Manufacturing Base, Sales Area and Its Competitors

Table 80. Sumitomo Electric Device Innovations (SEDI) GaN-On-SiC Devices Product Portfolios and Specifications

Table 81. Sumitomo Electric Device Innovations (SEDI) GaN-On-SiC Devices Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 82. Sumitomo Electric Device Innovations (SEDI) Main Business

Table 83. Sumitomo Electric Device Innovations (SEDI) Latest Developments

Table 84. MACOM Basic Information, GaN-On-SiC Devices Manufacturing Base, Sales Area and Its Competitors

Table 85. MACOM GaN-On-SiC Devices Product Portfolios and Specifications

Table 86. MACOM GaN-On-SiC Devices Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 87. MACOM Main Business

Table 88. MACOM Latest Developments

Table 89. Qorvo Basic Information, GaN-On-SiC Devices Manufacturing Base, Sales Area and Its Competitors

Table 90. Qorvo GaN-On-SiC Devices Product Portfolios and Specifications

Table 91. Qorvo GaN-On-SiC Devices Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 92. Qorvo Main Business

Table 93. Qorvo Latest Developments

Table 94. NXP Basic Information, GaN-On-SiC Devices Manufacturing Base, Sales Area and Its Competitors

Table 95. NXP GaN-On-SiC Devices Product Portfolios and Specifications

Table 96. NXP GaN-On-SiC Devices Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 97. NXP Main Business

Table 98. NXP Latest Developments

Table 99. RFHIC Corporation Basic Information, GaN-On-SiC Devices Manufacturing Base, Sales Area and Its Competitors

Table 100. RFHIC Corporation GaN-On-SiC Devices Product Portfolios and Specifications

Table 101. RFHIC Corporation GaN-On-SiC Devices Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 102. RFHIC Corporation Main Business

Table 103. RFHIC Corporation Latest Developments

Table 104. Raytheon Basic Information, GaN-On-SiC Devices Manufacturing Base, Sales Area and Its Competitors

Table 105. Raytheon GaN-On-SiC Devices Product Portfolios and Specifications

Table 106. Raytheon GaN-On-SiC Devices Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 107. Raytheon Main Business

Table 108. Raytheon Latest Developments

Table 109. Dynax Semiconductor Basic Information, GaN-On-SiC Devices Manufacturing Base, Sales Area and Its Competitors

Table 110. Dynax Semiconductor GaN-On-SiC Devices Product Portfolios and Specifications

Table 111. Dynax Semiconductor GaN-On-SiC Devices Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 112. Dynax Semiconductor Main Business

Table 113. Dynax Semiconductor Latest Developments

Table 114. Mitsubishi Electric Basic Information, GaN-On-SiC Devices Manufacturing Base, Sales Area and Its Competitors

Table 115. Mitsubishi Electric GaN-On-SiC Devices Product Portfolios and Specifications

Table 116. Mitsubishi Electric GaN-On-SiC Devices Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 117. Mitsubishi Electric Main Business

Table 118. Mitsubishi Electric Latest Developments

Table 119. CETC 55 Basic Information, GaN-On-SiC Devices Manufacturing Base, Sales Area and Its Competitors

Table 120. CETC 55 GaN-On-SiC Devices Product Portfolios and Specifications

Table 121. CETC 55 GaN-On-SiC Devices Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 122. CETC 55 Main Business

Table 123. CETC 55 Latest Developments

Table 124. Northrop Grumman Basic Information, GaN-On-SiC Devices Manufacturing Base, Sales Area and Its Competitors

Table 125. Northrop Grumman GaN-On-SiC Devices Product Portfolios and Specifications

Table 126. Northrop Grumman GaN-On-SiC Devices Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 127. Northrop Grumman Main Business

- Table 128. Northrop Grumman Latest Developments
- Table 129. Ampleon Basic Information, GaN-On-SiC Devices Manufacturing Base, Sales Area and Its Competitors
- Table 130. Ampleon GaN-On-SiC Devices Product Portfolios and Specifications
- Table 131. Ampleon GaN-On-SiC Devices Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)
- Table 132. Ampleon Main Business
- Table 133. Ampleon Latest Developments
- Table 134. UMS RF Basic Information, GaN-On-SiC Devices Manufacturing Base, Sales Area and Its Competitors
- Table 135. UMS RF GaN-On-SiC Devices Product Portfolios and Specifications
- Table 136. UMS RF GaN-On-SiC Devices Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)
- Table 137. UMS RF Main Business
- Table 138. UMS RF Latest Developments
- Table 139. CETC 13 Basic Information, GaN-On-SiC Devices Manufacturing Base, Sales Area and Its Competitors
- Table 140. CETC 13 GaN-On-SiC Devices Product Portfolios and Specifications
- Table 141. CETC 13 GaN-On-SiC Devices Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)
- Table 142. CETC 13 Main Business
- Table 143. CETC 13 Latest Developments
- Table 144. ReliaSat (Arralis) Basic Information, GaN-On-SiC Devices Manufacturing Base, Sales Area and Its Competitors
- Table 145. ReliaSat (Arralis) GaN-On-SiC Devices Product Portfolios and Specifications
- Table 146. ReliaSat (Arralis) GaN-On-SiC Devices Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)
- Table 147. ReliaSat (Arralis) Main Business
- Table 148. ReliaSat (Arralis) Latest Developments
- Table 149. WAVICE Inc Basic Information, GaN-On-SiC Devices Manufacturing Base, Sales Area and Its Competitors
- Table 150. WAVICE Inc GaN-On-SiC Devices Product Portfolios and Specifications
- Table 151. WAVICE Inc GaN-On-SiC Devices Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)
- Table 152. WAVICE Inc Main Business
- Table 153. WAVICE Inc Latest Developments
- Table 154. Microchip Technology Basic Information, GaN-On-SiC Devices Manufacturing Base, Sales Area and Its Competitors
- Table 155. Microchip Technology GaN-On-SiC Devices Product Portfolios and

## Specifications

Table 156. Microchip Technology GaN-On-SiC Devices Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 157. Microchip Technology Main Business

Table 158. Microchip Technology Latest Developments

Table 159. Youjia Technology (Suzhou) Co., Ltd Basic Information, GaN-On-SiC Devices Manufacturing Base, Sales Area and Its Competitors

Table 160. Youjia Technology (Suzhou) Co., Ltd GaN-On-SiC Devices Product Portfolios and Specifications

Table 161. Youjia Technology (Suzhou) Co., Ltd GaN-On-SiC Devices Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 162. Youjia Technology (Suzhou) Co., Ltd Main Business

Table 163. Youjia Technology (Suzhou) Co., Ltd Latest Developments

Table 164. Shenzhen Taigao Technology Basic Information, GaN-On-SiC Devices Manufacturing Base, Sales Area and Its Competitors

Table 165. Shenzhen Taigao Technology GaN-On-SiC Devices Product Portfolios and Specifications

Table 166. Shenzhen Taigao Technology GaN-On-SiC Devices Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 167. Shenzhen Taigao Technology Main Business

Table 168. Shenzhen Taigao Technology Latest Developments

Table 169. Hebei Sinopack Electronic Technology Basic Information, GaN-On-SiC Devices Manufacturing Base, Sales Area and Its Competitors

Table 170. Hebei Sinopack Electronic Technology GaN-On-SiC Devices Product Portfolios and Specifications

Table 171. Hebei Sinopack Electronic Technology GaN-On-SiC Devices Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 172. Hebei Sinopack Electronic Technology Main Business

Table 173. Hebei Sinopack Electronic Technology Latest Developments

## List Of Figures

### LIST OF FIGURES

- Figure 1. Picture of GaN-On-SiC Devices
- Figure 2. GaN-On-SiC Devices Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global GaN-On-SiC Devices Sales Growth Rate 2021-2032 (K Units)
- Figure 7. Global GaN-On-SiC Devices Revenue Growth Rate 2021-2032 (\$ millions)
- Figure 8. GaN-On-SiC Devices Sales by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Figure 9. GaN-On-SiC Devices Sales Market Share by Country/Region (2025)
- Figure 10. GaN-On-SiC Devices Sales Market Share by Country/Region (2021, 2025 & 2032)
- Figure 11. Product Picture of GaN HEMT
- Figure 12. Product Picture of GaN MMICs
- Figure 13. Global GaN-On-SiC Devices Sales Market Share by Type in 2026
- Figure 14. Global GaN-On-SiC Devices Revenue Market Share by Type (2021-2026)
- Figure 15. Product Picture of 6 inch GaN-on-SiC Devices
- Figure 16. Product Picture of 4 inch GaN-on-SiC Devices
- Figure 17. Global GaN-On-SiC Devices Sales Market Share by Wafer Size in 2026
- Figure 18. Global GaN-On-SiC Devices Revenue Market Share by Wafer Size (2021-2026)
- Figure 19. GaN-On-SiC Devices Consumed in Telecom Infrastructure
- Figure 20. Global GaN-On-SiC Devices Market: Telecom Infrastructure (2021-2026) & (K Units)
- Figure 21. GaN-On-SiC Devices Consumed in Military & Defense
- Figure 22. Global GaN-On-SiC Devices Market: Military & Defense (2021-2026) & (K Units)
- Figure 23. GaN-On-SiC Devices Consumed in Satcom
- Figure 24. Global GaN-On-SiC Devices Market: Satcom (2021-2026) & (K Units)
- Figure 25. GaN-On-SiC Devices Consumed in Others
- Figure 26. Global GaN-On-SiC Devices Market: Others (2021-2026) & (K Units)
- Figure 27. Global GaN-On-SiC Devices Sale Market Share by Application (2025)
- Figure 28. Global GaN-On-SiC Devices Revenue Market Share by Application in 2025
- Figure 29. GaN-On-SiC Devices Sales by Company in 2025 (K Units)
- Figure 30. Global GaN-On-SiC Devices Sales Market Share by Company in 2025

- Figure 31. GaN-On-SiC Devices Revenue by Company in 2025 (\$ millions)
- Figure 32. Global GaN-On-SiC Devices Revenue Market Share by Company in 2025
- Figure 33. Global GaN-On-SiC Devices Sales Market Share by Geographic Region (2021-2026)
- Figure 34. Global GaN-On-SiC Devices Revenue Market Share by Geographic Region in 2025
- Figure 35. Americas GaN-On-SiC Devices Sales 2021-2026 (K Units)
- Figure 36. Americas GaN-On-SiC Devices Revenue 2021-2026 (\$ millions)
- Figure 37. APAC GaN-On-SiC Devices Sales 2021-2026 (K Units)
- Figure 38. APAC GaN-On-SiC Devices Revenue 2021-2026 (\$ millions)
- Figure 39. Europe GaN-On-SiC Devices Sales 2021-2026 (K Units)
- Figure 40. Europe GaN-On-SiC Devices Revenue 2021-2026 (\$ millions)
- Figure 41. Middle East & Africa GaN-On-SiC Devices Sales 2021-2026 (K Units)
- Figure 42. Middle East & Africa GaN-On-SiC Devices Revenue 2021-2026 (\$ millions)
- Figure 43. Americas GaN-On-SiC Devices Sales Market Share by Country in 2025
- Figure 44. Americas GaN-On-SiC Devices Revenue Market Share by Country (2021-2026)
- Figure 45. Americas GaN-On-SiC Devices Sales Market Share by Type (2021-2026)
- Figure 46. Americas GaN-On-SiC Devices Sales Market Share by Application (2021-2026)
- Figure 47. United States GaN-On-SiC Devices Revenue Growth 2021-2026 (\$ millions)
- Figure 48. Canada GaN-On-SiC Devices Revenue Growth 2021-2026 (\$ millions)
- Figure 49. Mexico GaN-On-SiC Devices Revenue Growth 2021-2026 (\$ millions)
- Figure 50. Brazil GaN-On-SiC Devices Revenue Growth 2021-2026 (\$ millions)
- Figure 51. APAC GaN-On-SiC Devices Sales Market Share by Region in 2025
- Figure 52. APAC GaN-On-SiC Devices Revenue Market Share by Region (2021-2026)
- Figure 53. APAC GaN-On-SiC Devices Sales Market Share by Type (2021-2026)
- Figure 54. APAC GaN-On-SiC Devices Sales Market Share by Application (2021-2026)
- Figure 55. China GaN-On-SiC Devices Revenue Growth 2021-2026 (\$ millions)
- Figure 56. Japan GaN-On-SiC Devices Revenue Growth 2021-2026 (\$ millions)
- Figure 57. South Korea GaN-On-SiC Devices Revenue Growth 2021-2026 (\$ millions)
- Figure 58. Southeast Asia GaN-On-SiC Devices Revenue Growth 2021-2026 (\$ millions)
- Figure 59. India GaN-On-SiC Devices Revenue Growth 2021-2026 (\$ millions)
- Figure 60. Australia GaN-On-SiC Devices Revenue Growth 2021-2026 (\$ millions)
- Figure 61. China Taiwan GaN-On-SiC Devices Revenue Growth 2021-2026 (\$ millions)
- Figure 62. Europe GaN-On-SiC Devices Sales Market Share by Country in 2025
- Figure 63. Europe GaN-On-SiC Devices Revenue Market Share by Country (2021-2026)

Figure 64. Europe GaN-On-SiC Devices Sales Market Share by Type (2021-2026)

Figure 65. Europe GaN-On-SiC Devices Sales Market Share by Application (2021-2026)

Figure 66. Germany GaN-On-SiC Devices Revenue Growth 2021-2026 (\$ millions)

Figure 67. France GaN-On-SiC Devices Revenue Growth 2021-2026 (\$ millions)

Figure 68. UK GaN-On-SiC Devices Revenue Growth 2021-2026 (\$ millions)

Figure 69. Italy GaN-On-SiC Devices Revenue Growth 2021-2026 (\$ millions)

Figure 70. Russia GaN-On-SiC Devices Revenue Growth 2021-2026 (\$ millions)

Figure 71. Middle East & Africa GaN-On-SiC Devices Sales Market Share by Country (2021-2026)

Figure 72. Middle East & Africa GaN-On-SiC Devices Sales Market Share by Type (2021-2026)

Figure 73. Middle East & Africa GaN-On-SiC Devices Sales Market Share by Application (2021-2026)

Figure 74. Egypt GaN-On-SiC Devices Revenue Growth 2021-2026 (\$ millions)

Figure 75. South Africa GaN-On-SiC Devices Revenue Growth 2021-2026 (\$ millions)

Figure 76. Israel GaN-On-SiC Devices Revenue Growth 2021-2026 (\$ millions)

Figure 77. Turkey GaN-On-SiC Devices Revenue Growth 2021-2026 (\$ millions)

Figure 78. GCC Countries GaN-On-SiC Devices Revenue Growth 2021-2026 (\$ millions)

Figure 79. Manufacturing Cost Structure Analysis of GaN-On-SiC Devices in 2026

Figure 80. Manufacturing Process Analysis of GaN-On-SiC Devices

Figure 81. Industry Chain Structure of GaN-On-SiC Devices

Figure 82. Channels of Distribution

Figure 83. Global GaN-On-SiC Devices Sales Market Forecast by Region (2027-2032)

Figure 84. Global GaN-On-SiC Devices Revenue Market Share Forecast by Region (2027-2032)

Figure 85. Global GaN-On-SiC Devices Sales Market Share Forecast by Type (2027-2032)

Figure 86. Global GaN-On-SiC Devices Revenue Market Share Forecast by Type (2027-2032)

Figure 87. Global GaN-On-SiC Devices Sales Market Share Forecast by Application (2027-2032)

Figure 88. Global GaN-On-SiC Devices Revenue Market Share Forecast by Application (2027-2032)

## I would like to order

Product name: Global GaN-On-SiC Devices Market Growth 2026-2032

Product link: <https://marketpublishers.com/r/GCB53D08682CEN.html>

Price: US\$ 3,660.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GCB53D08682CEN.html>