

# Global Silicon Carbide Epitaxial Wafer Competitive Landscape Professional Research Report 2025

<https://marketpublishers.com/r/SF9DC137A575EN.html>

Date: June 2025

Pages: 165

Price: US\$ 3,500.00 (Single User License)

ID: SF9DC137A575EN

## Abstracts

### Market Overview

According to DIResearch's in-depth investigation and research, the global Silicon Carbide Epitaxial Wafer market size will reach 3,096.18 Million USD in 2025 and is projected to reach 23,558.84 Million USD by 2032, with a CAGR of 33.63% (2025-2032). Notably, the China Silicon Carbide Epitaxial Wafer market has changed rapidly in the past few years. By 2025, China's market size is expected to be Million USD, representing approximately % of the global market share.

### Research Summary

Silicon Carbide (SiC) epitaxial wafers are single-crystal substrates used as the foundation for fabricating high-performance semiconductor devices. These wafers are produced through epitaxial growth techniques, such as chemical vapor deposition (CVD) or physical vapor transport (PVT), resulting in a layer of single-crystal SiC deposited on a SiC substrate. SiC epitaxial wafers offer several advantages, including precise control over material properties, uniformity, and crystal orientation, enabling the production of devices with optimized performance characteristics. They find widespread use in power electronics, radio-frequency (RF) devices, and optoelectronics, where their superior electrical properties, high breakdown voltage, and high-temperature stability are critical for enhancing device efficiency, reliability, and performance. SiC epitaxial wafers play a vital role in advancing the capabilities of SiC-based semiconductor technology, contributing to the development of more efficient and reliable electronic devices for various applications.

The major global manufacturers of Silicon Carbide Epitaxial Wafer include Cree

(Wolfspeed), II-VI Advanced Materials(Ascatron), Showa Denko K.K.(NSSMC), Epiworld international, SK Siltron(Dupont), TYSiC, STMicroelectronics (Norstel), ROHM (Sicrystal), etc. The global players competition landscape in this report is divided into three tiers. The first tier comprises global leading enterprises that command a substantial market share, hold a dominant industry position, possess strong competitiveness and influence, and generate significant revenue. The second tier includes companies with a notable market presence and reputation; these firms actively follow industry leaders in product, service, or technological innovation and maintain a moderate revenue scale. The third tier consists of smaller companies with limited market share and lower brand recognition, primarily focused on local markets and generating comparatively lower revenue.

This report studies the market size, price trends and future development prospects of Silicon Carbide Epitaxial Wafer. Focus on analysing the market share, product portfolio, prices, sales, revenue and gross profit margin of global major manufacturers, as well as the market status and trends of different product types and applications in the global Silicon Carbide Epitaxial Wafer market. The report data covers historical data from 2020 to 2024, based year in 2025 and forecast data from 2026 to 2032.

The regions and countries in the report include North America, Europe, China, APAC (excl. China), Latin America and Middle East and Africa, covering the Silicon Carbide Epitaxial Wafer market conditions and future development trends of key regions and countries, combined with industry-related policies and the latest technological developments, analyze the development characteristics of Silicon Carbide Epitaxial Wafer industries in various regions and countries, help companies understand the development characteristics of each region, help companies formulate business strategies, and achieve the ultimate goal of the company's global development strategy.

The data sources of this report mainly include the National Bureau of Statistics, customs databases, industry associations, corporate financial reports, third-party databases, etc. Among them, macroeconomic data mainly comes from the National Bureau of Statistics, International Economic Research Organization; industry statistical data mainly come from industry associations; company data mainly comes from interviews, public information collection, third-party reliable databases, and price data mainly comes from various markets monitoring database.

Global Key Manufacturers of Silicon Carbide Epitaxial Wafer Include:

Cree (Wolfspeed)

II-VI Advanced Materials(Ascatron)

Showa Denko K.K.(NSSMC)

Epiworld international

SK Siltron(Dupont)

TYSiC

STMicroelectronics (Norstel)

ROHM (Sicystal)

Silicon Carbide Epitaxial Wafer Product Segment Include:

100mm

150mm

200mm

Silicon Carbide Epitaxial Wafer Product Application Include:

600-1200V SiC Devices

1200-3300V SiC Devices

Above 3300V SiC Devices

## **Chapter Scope**

Chapter 1: Product Research Range, Product Types and Applications, Market Overview, Market Situation and Trends

Chapter 2: Global Silicon Carbide Epitaxial Wafer Industry PESTEL Analysis

Chapter 3: Global Silicon Carbide Epitaxial Wafer Industry Porter's Five Forces Analysis

Chapter 4: Global Silicon Carbide Epitaxial Wafer Major Regional Market Size (Revenue, Sales, Price) and Forecast Analysis

Chapter 5: Global Silicon Carbide Epitaxial Wafer Market Size and Forecast by Type and Application Analysis

Chapter 6: North America Silicon Carbide Epitaxial Wafer Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 7: Europe Silicon Carbide Epitaxial Wafer Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 8: China Silicon Carbide Epitaxial Wafer Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 9: APAC (Excl. China) Silicon Carbide Epitaxial Wafer Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 10: Latin America Silicon Carbide Epitaxial Wafer Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 11: Middle East and Africa Silicon Carbide Epitaxial Wafer Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 12: Global Silicon Carbide Epitaxial Wafer Competitive Analysis of Key Manufacturers (Sales, Revenue, Market Share, Price, Regional Distribution and Industry Concentration)

Chapter 13: Key Company Profiles (Product Portfolio, Sales, Revenue, Price and Gross Margin)

Chapter 14: Industrial Chain Analysis, Include Raw Material Suppliers, Distributors and Customers

Chapter 15: Research Findings and Conclusion

Chapter 16: Methodology and Data Sources

## Contents

### **1 SILICON CARBIDE EPITAXIAL WAFER MARKET OVERVIEW**

- 1.1 Product Definition and Statistical Scope
- 1.2 Silicon Carbide Epitaxial Wafer Product by Type
  - 1.2.1 100mm
  - 1.2.2 150mm
  - 1.2.3 200mm
- 1.3 Silicon Carbide Epitaxial Wafer Product by Application
  - 1.3.1 600-1200V SiC Devices
  - 1.3.2 1200-3300V SiC Devices
  - 1.3.3 Above 3300V SiC Devices
- 1.4 Global Silicon Carbide Epitaxial Wafer Market Revenue and Sales Analysis
  - 1.4.1 Global Silicon Carbide Epitaxial Wafer Revenue Market Size Analysis (2020-2032)
  - 1.4.2 Global Silicon Carbide Epitaxial Wafer Sales Market Size Analysis (2020-2032)
  - 1.4.3 Global Silicon Carbide Epitaxial Wafer Market Sales Price Trend Analysis (2020-2032)
- 1.5 Silicon Carbide Epitaxial Wafer Industry Trends and Innovation
  - 1.5.1 Silicon Carbide Epitaxial Wafer Industry Trends and Innovation
  - 1.5.2 Silicon Carbide Epitaxial Wafer Market Drivers and Challenges

### **2 SILICON CARBIDE EPITAXIAL WAFER MARKET PESTEL ANALYSIS**

- 2.1 Political Factors Analysis
- 2.2 Economic Factors Analysis
- 2.3 Social Factors Analysis
- 2.4 Technological Factors Analysis
- 2.5 Environmental Factors Analysis
- 2.6 Legal Factors Analysis

### **3 SILICON CARBIDE EPITAXIAL WAFER MARKET PORTER'S FIVE FORCES ANALYSIS**

- 3.1 Competitive Rivalry
- 3.2 Threat of New Entrants
- 3.3 Bargaining Power of Suppliers
- 3.4 Bargaining Power of Buyers

### 3.5 Threat of Substitutes

## **4 GLOBAL SILICON CARBIDE EPITAXIAL WAFER MARKET ANALYSIS BY REGIONS**

### 4.1 Global Silicon Carbide Epitaxial Wafer Overall Market: 2024 VS 2025 VS 2032

### 4.2 Global Silicon Carbide Epitaxial Wafer Revenue and Forecast Analysis (2020-2032)

#### 4.2.1 Global Silicon Carbide Epitaxial Wafer Revenue and Market Share by Region (2020-2025)

#### 4.2.2 Global Silicon Carbide Epitaxial Wafer Revenue and Market Share Forecast by Region (2026-2032)

### 4.3 Global Silicon Carbide Epitaxial Wafer Sales and Forecast Analysis (2020-2032)

#### 4.3.1 Global Silicon Carbide Epitaxial Wafer Sales and Market Share by Region (2020-2025)

#### 4.3.2 Global Silicon Carbide Epitaxial Wafer Sales and Market Share Forecast by Region (2026-2032)

### 4.4 Global Silicon Carbide Epitaxial Wafer Sales Price Trend Analysis (2020-2032)

## **5 GLOBAL SILICON CARBIDE EPITAXIAL WAFER MARKET SIZE BY TYPE AND APPLICATION**

### 5.1 Global Silicon Carbide Epitaxial Wafer Market Size by Type

#### 5.1.1 Global Silicon Carbide Epitaxial Wafer Revenue and Forecast Analysis by Type (2020-2032)

#### 5.1.2 Global Silicon Carbide Epitaxial Wafer Sales and Forecast Analysis by Type (2020-2032)

### 5.2 Global Silicon Carbide Epitaxial Wafer Market Size by Application

#### 5.2.1 Global Silicon Carbide Epitaxial Wafer Revenue and Forecast Analysis by Application (2020-2032)

#### 5.2.2 Global Silicon Carbide Epitaxial Wafer Sales and Forecast Analysis by Application (2020-2032)

## **6 NORTH AMERICA**

### 6.1 North America Silicon Carbide Epitaxial Wafer Market Size and Growth Rate Analysis (2020-2032)

### 6.2 North America Key Manufacturers Analysis

### 6.3 North America Silicon Carbide Epitaxial Wafer Market Size by Type

#### 6.3.1 North America Silicon Carbide Epitaxial Wafer Sales by Type (2020-2032)

- 6.3.2 North America Silicon Carbide Epitaxial Wafer Revenue by Type (2020-2032)
- 6.4 North America Silicon Carbide Epitaxial Wafer Market Size by Application
  - 6.4.1 North America Silicon Carbide Epitaxial Wafer Sales by Application (2020-2032)
  - 6.4.2 North America Silicon Carbide Epitaxial Wafer Revenue by Application (2020-2032)
- 6.5 North America Silicon Carbide Epitaxial Wafer Market Size by Country
  - 6.5.1 US
  - 6.5.2 Canada

## **7 EUROPE**

- 7.1 Europe Silicon Carbide Epitaxial Wafer Market Size and Growth Rate Analysis (2020-2032)
- 7.2 Europe Key Manufacturers Analysis
- 7.3 Europe Silicon Carbide Epitaxial Wafer Market Size by Type
  - 7.3.1 Europe Silicon Carbide Epitaxial Wafer Sales by Type (2020-2032)
  - 7.3.2 Europe Silicon Carbide Epitaxial Wafer Revenue by Type (2020-2032)
- 7.4 Europe Silicon Carbide Epitaxial Wafer Market Size by Application
  - 7.4.1 Europe Silicon Carbide Epitaxial Wafer Sales by Application (2020-2032)
  - 7.4.2 Europe Silicon Carbide Epitaxial Wafer Revenue by Application (2020-2032)
- 7.5 Europe Silicon Carbide Epitaxial Wafer Market Size by Country
  - 7.5.1 Germany
  - 7.5.2 France
  - 7.5.3 United Kingdom
  - 7.5.4 Italy
  - 7.5.5 Spain
  - 7.5.6 Benelux

## **8 CHINA**

- 8.1 China Silicon Carbide Epitaxial Wafer Market Size and Growth Rate Analysis (2020-2032)
- 8.2 China Key Manufacturers Analysis
- 8.3 China Silicon Carbide Epitaxial Wafer Market Size by Type
  - 8.3.1 China Silicon Carbide Epitaxial Wafer Sales by Type (2020-2032)
  - 8.3.2 China Silicon Carbide Epitaxial Wafer Revenue by Type (2020-2032)
- 8.4 China Silicon Carbide Epitaxial Wafer Market Size by Application
  - 8.4.1 China Silicon Carbide Epitaxial Wafer Sales by Application (2020-2032)
  - 8.4.2 China Silicon Carbide Epitaxial Wafer Revenue by Application (2020-2032)

## **9 APAC (EXCL. CHINA)**

9.1 APAC (excl. China) Silicon Carbide Epitaxial Wafer Market Size and Growth Rate Analysis (2020-2032)

9.2 APAC (excl. China) Key Manufacturers Analysis

9.3 APAC (excl. China) Silicon Carbide Epitaxial Wafer Market Size by Type

9.3.1 APAC (excl. China) Silicon Carbide Epitaxial Wafer Sales by Type (2020-2032)

9.3.2 APAC (excl. China) Silicon Carbide Epitaxial Wafer Revenue by Type (2020-2032)

9.4 APAC (excl. China) Silicon Carbide Epitaxial Wafer Market Size by Application

9.4.1 APAC (excl. China) Silicon Carbide Epitaxial Wafer Sales by Application (2020-2032)

9.4.2 APAC (excl. China) Silicon Carbide Epitaxial Wafer Revenue by Application (2020-2032)

9.5 APAC (excl. China) Silicon Carbide Epitaxial Wafer Market Size by Country

9.5.1 Japan

9.5.2 South Korea

9.5.3 India

9.5.4 Australia

9.5.5 Southeast Asia

## **10 LATIN AMERICA**

10.1 Latin America Silicon Carbide Epitaxial Wafer Market Size and Growth Rate Analysis (2020-2032)

10.2 Latin America Key Manufacturers Analysis

10.3 Latin America Silicon Carbide Epitaxial Wafer Market Size by Type

10.3.1 Latin America Silicon Carbide Epitaxial Wafer Sales by Type (2020-2032)

10.3.2 Latin America Silicon Carbide Epitaxial Wafer Revenue by Type (2020-2032)

10.4 Latin America Silicon Carbide Epitaxial Wafer Market Size by Application

10.4.1 Latin America Silicon Carbide Epitaxial Wafer Sales by Application (2020-2032)

10.4.2 Latin America Silicon Carbide Epitaxial Wafer Revenue by Application (2020-2032)

10.5 Latin America Silicon Carbide Epitaxial Wafer Market Size by Country

10.6 Latin America Silicon Carbide Epitaxial Wafer Market Size by Country

10.6.1 Mexico

10.6.2 Brazil

## **11 MIDDLE EAST & AFRICA**

- 11.1 Middle East & Africa Silicon Carbide Epitaxial Wafer Market Size and Growth Rate Analysis (2020-2032)
- 11.2 Middle East & Africa Key Manufacturers Analysis
- 11.3 Middle East & Africa Silicon Carbide Epitaxial Wafer Market Size by Type
  - 11.3.1 Middle East & Africa Silicon Carbide Epitaxial Wafer Sales by Type (2020-2032)
  - 11.3.2 Middle East & Africa Silicon Carbide Epitaxial Wafer Revenue by Type (2020-2032)
- 11.4 Middle East & Africa Silicon Carbide Epitaxial Wafer Market Size by Application
  - 11.4.1 Middle East & Africa Silicon Carbide Epitaxial Wafer Sales by Application (2020-2032)
  - 11.4.2 Middle East & Africa Silicon Carbide Epitaxial Wafer Revenue by Application (2020-2032)
- 11.5 Middle East Silicon Carbide Epitaxial Wafer Market Size by Country
  - 11.5.1 Saudi Arabia
  - 11.5.2 South Africa

## **12 COMPETITION BY MANUFACTURERS**

- 12.1 Global Silicon Carbide Epitaxial Wafer Market Sales, Revenue and Price by Key Manufacturers (2021-2025)
  - 12.1.1 Global Silicon Carbide Epitaxial Wafer Market Sales by Key Manufacturers (2021-2025)
  - 12.1.2 Global Silicon Carbide Epitaxial Wafer Market Revenue by Key Manufacturers (2021-2025)
  - 12.1.3 Global Silicon Carbide Epitaxial Wafer Average Sales Price by Manufacturers (2021-2025)
- 12.2 Silicon Carbide Epitaxial Wafer Competitive Landscape Analysis and Market Dynamic
  - 12.2.1 Silicon Carbide Epitaxial Wafer Competitive Landscape Analysis
  - 12.2.2 Global Key Manufacturers Headquarter Location and Key Area Sales
  - 12.2.3 Market Dynamic

## **13 KEY COMPANIES ANALYSIS**

- 13.1 Cree (Wolfspeed)
  - 13.1.1 Cree (Wolfspeed) Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

- 13.1.2 Cree (Wolfspeed) Silicon Carbide Epitaxial Wafer Product Portfolio
- 13.1.3 Cree (Wolfspeed) Silicon Carbide Epitaxial Wafer Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)
- 13.2 II-VI Advanced Materials(Ascatron)
  - 13.2.1 II-VI Advanced Materials(Ascatron) Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)
  - 13.2.2 II-VI Advanced Materials(Ascatron) Silicon Carbide Epitaxial Wafer Product Portfolio
  - 13.2.3 II-VI Advanced Materials(Ascatron) Silicon Carbide Epitaxial Wafer Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)
- 13.3 Showa Denko K.K.(NSSMC)
  - 13.3.1 Showa Denko K.K.(NSSMC) Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)
  - 13.3.2 Showa Denko K.K.(NSSMC) Silicon Carbide Epitaxial Wafer Product Portfolio
  - 13.3.3 Showa Denko K.K.(NSSMC) Silicon Carbide Epitaxial Wafer Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)
- 13.4 Epiworld intenational
  - 13.4.1 Epiworld intenational Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)
  - 13.4.2 Epiworld intenational Silicon Carbide Epitaxial Wafer Product Portfolio
  - 13.4.3 Epiworld intenational Silicon Carbide Epitaxial Wafer Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)
- 13.5 SK Siltron(Dupont)
  - 13.5.1 SK Siltron(Dupont) Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)
  - 13.5.2 SK Siltron(Dupont) Silicon Carbide Epitaxial Wafer Product Portfolio
  - 13.5.3 SK Siltron(Dupont) Silicon Carbide Epitaxial Wafer Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)
- 13.6 TYSiC
  - 13.6.1 TYSiC Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)
  - 13.6.2 TYSiC Silicon Carbide Epitaxial Wafer Product Portfolio
  - 13.6.3 TYSiC Silicon Carbide Epitaxial Wafer Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)
- 13.7 STMicroelectronics (Norstel)
  - 13.7.1 STMicroelectronics (Norstel) Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)
  - 13.7.2 STMicroelectronics (Norstel) Silicon Carbide Epitaxial Wafer Product Portfolio
  - 13.7.3 STMicroelectronics (Norstel) Silicon Carbide Epitaxial Wafer Market Data

Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

### 13.8 ROHM (Sicrystal)

13.8.1 ROHM (Sicrystal) Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.8.2 ROHM (Sicrystal) Silicon Carbide Epitaxial Wafer Product Portfolio

13.8.3 ROHM (Sicrystal) Silicon Carbide Epitaxial Wafer Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

## 14 INDUSTRY CHAIN ANALYSIS

14.1 Silicon Carbide Epitaxial Wafer Industry Chain Analysis

14.2 Silicon Carbide Epitaxial Wafer Industry Raw Material and Suppliers Analysis

14.2.1 Silicon Carbide Epitaxial Wafer Key Raw Material Supply Analysis

14.2.2 Raw Material Suppliers and Contact Information

14.3 Silicon Carbide Epitaxial Wafer Typical Downstream Customers

14.4 Silicon Carbide Epitaxial Wafer Sales Channel Analysis

## 15 RESEARCH FINDINGS AND CONCLUSION

## 16 METHODOLOGY AND DATA SOURCE

16.1 Methodology/Research Approach

16.2 Research Scope

16.3 Benchmarks and Assumptions

16.4 Data Source

16.4.1 Primary Sources

16.4.2 Secondary Sources

16.5 Data Cross Validation

16.6 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1: Global Silicon Carbide Epitaxial Wafer Market Size Growth Rate by Type, 2024 VS 2025 VS 2032 (US\$ Million)

Table 2: Global Silicon Carbide Epitaxial Wafer Market Size Growth Rate by Application, 2024 VS 2025 VS 2032 (US\$ Million)

Table 3: Silicon Carbide Epitaxial Wafer Industry Development Status

Table 4: Silicon Carbide Epitaxial Wafer Industry Development Trends

Table 5: Global Silicon Carbide Epitaxial Wafer Market Size by Region in US\$ Million: 2024 VS 2025 VS 2032

Table 6: Global Silicon Carbide Epitaxial Wafer Revenue by Region (2020-2025) & (US\$ Million)

Table 7: Global Silicon Carbide Epitaxial Wafer Revenue Market Share by Region (2020-2025)

Table 8: Global Silicon Carbide Epitaxial Wafer Revenue Forecast by Region (2026-2032) & (US\$ Million)

Table 9: Global Silicon Carbide Epitaxial Wafer Revenue Market Share Forecast by Region (2026-2032)

Table 10: Global Silicon Carbide Epitaxial Wafer Sales by Region (2020-2025) & (K Unit)

Table 11: Global Silicon Carbide Epitaxial Wafer Sales Market Share by Region (2020-2025)

Table 12: Global Silicon Carbide Epitaxial Wafer Sales Forecast by Region (2026-2032) & (K Unit)

Table 13: Global Silicon Carbide Epitaxial Wafer Sales Market Share Forecast by Region (2026-2032)

Table 14: Global Silicon Carbide Epitaxial Wafer Revenue Analysis by Type (2020-2025) & (US\$ Million)

Table 15: Global Silicon Carbide Epitaxial Wafer Revenue Analysis Forecast by Type (2026-2032) & (US\$ Million)

Table 16: Global Silicon Carbide Epitaxial Wafer Sales Analysis by Type (2020-2025) & (K Unit)

Table 17: Global Silicon Carbide Epitaxial Wafer Sales Analysis Forecast by Type (2026-2032) & (K Unit)

Table 18: Global Silicon Carbide Epitaxial Wafer Revenue Analysis by Application (2020-2025) & (US\$ Million)

Table 19: Global Silicon Carbide Epitaxial Wafer Revenue Analysis Forecast by

Application (2026-2032) & (US\$ Million)

Table 20: Global Silicon Carbide Epitaxial Wafer Sales Analysis by Application (2020-2025) & (K Unit)

Table 21: Global Silicon Carbide Epitaxial Wafer Sales Analysis Forecast by Application (2026-2032) & (K Unit)

Table 22: Key Silicon Carbide Epitaxial Wafer Players in North America

Table 23: North America Silicon Carbide Epitaxial Wafer Sales by Type (2020-2025) & (K Unit)

Table 24: North America Silicon Carbide Epitaxial Wafer Sales by Type (2026-2032) & (K Unit)

Table 25: North America Silicon Carbide Epitaxial Wafer Revenue by Type (2020-2025) & (US\$ Million)

Table 26: North America Silicon Carbide Epitaxial Wafer Revenue by Type (2026-2032) & (US\$ Million)

Table 27: North America Silicon Carbide Epitaxial Wafer Sales by Application (2020-2025) & (K Unit)

Table 28: North America Silicon Carbide Epitaxial Wafer Sales by Application (2026-2032) & (K Unit)

Table 29: North America Silicon Carbide Epitaxial Wafer Revenue by Application (2020-2025) & (US\$ Million)

Table 30: North America Silicon Carbide Epitaxial Wafer Revenue by Application (2026-2032) & (US\$ Million)

Table 31: North America Silicon Carbide Epitaxial Wafer Revenue Market Size by Country (2020-2025) & (US\$ Million)

Table 32: North America Silicon Carbide Epitaxial Wafer Revenue Market Size by Country (2026-2032) & (US\$ Million)

Table 33: North America Silicon Carbide Epitaxial Wafer Sales Market Size by Country (2020-2025) & (K Unit)

Table 34: North America Silicon Carbide Epitaxial Wafer Sales Market Size by Country (2026-2032) & (K Unit)

Table 35: Key Silicon Carbide Epitaxial Wafer Players in Europe

Table 36: Europe Silicon Carbide Epitaxial Wafer Sales by Type (2020-2025) & (K Unit)

Table 37: Europe Silicon Carbide Epitaxial Wafer Sales by Type (2026-2032) & (K Unit)

Table 38: Europe Silicon Carbide Epitaxial Wafer Revenue by Type (2020-2025) & (US\$ Million)

Table 39: Europe Silicon Carbide Epitaxial Wafer Revenue by Type (2026-2032) & (US\$ Million)

Table 40: Europe Silicon Carbide Epitaxial Wafer Sales by Application (2020-2025) & (K Unit)

Table 41: Europe Silicon Carbide Epitaxial Wafer Sales by Application (2026-2032) & (K Unit)

Table 42: Europe Silicon Carbide Epitaxial Wafer Revenue by Application (2020-2025) & (US\$ Million)

Table 43: Europe Silicon Carbide Epitaxial Wafer Revenue by Application (2026-2032) & (US\$ Million)

Table 44: Europe Silicon Carbide Epitaxial Wafer Revenue Market Size by Country (2020-2025) & (US\$ Million)

Table 45: Europe Silicon Carbide Epitaxial Wafer Revenue Market Size Forecast by Country (2026-2032) & (US\$ Million)

Table 46: Europe Silicon Carbide Epitaxial Wafer Sales Market Size by Country (2020-2025) & (K Unit)

Table 47: Europe Silicon Carbide Epitaxial Wafer Sales Market Size Forecast by Country (2026-2032) & (K Unit)

Table 48: Key Silicon Carbide Epitaxial Wafer Players in China

Table 49: China Silicon Carbide Epitaxial Wafer Sales by Type (2020-2025) & (K Unit)

Table 50: China Silicon Carbide Epitaxial Wafer Sales by Type (2026-2032) & (K Unit)

Table 51: China Silicon Carbide Epitaxial Wafer Revenue by Type (2020-2025) & (US\$ Million)

Table 52: China Silicon Carbide Epitaxial Wafer Revenue by Type (2026-2032) & (US\$ Million)

Table 53: China Silicon Carbide Epitaxial Wafer Sales by Application (2020-2025) & (K Unit)

Table 54: China Silicon Carbide Epitaxial Wafer Sales by Application (2026-2032) & (K Unit)

Table 55: China Silicon Carbide Epitaxial Wafer Revenue by Application (2020-2025) & (US\$ Million)

Table 56: China Silicon Carbide Epitaxial Wafer Revenue by Application (2026-2032) & (US\$ Million)

Table 57: Key Silicon Carbide Epitaxial Wafer Players in APAC (excl. China)

Table 58: APAC (excl. China) Silicon Carbide Epitaxial Wafer Sales by Type (2020-2025) & (K Unit)

Table 59: APAC (excl. China) Silicon Carbide Epitaxial Wafer Sales by Type (2026-2032) & (K Unit)

Table 60: APAC (excl. China) Silicon Carbide Epitaxial Wafer Revenue by Type (2020-2025) & (US\$ Million)

Table 61: APAC (excl. China) Silicon Carbide Epitaxial Wafer Revenue by Type (2026-2032) & (US\$ Million)

Table 62: APAC (excl. China) Silicon Carbide Epitaxial Wafer Sales by Application

(2020-2025) & (K Unit)

Table 63: APAC (excl. China) Silicon Carbide Epitaxial Wafer Sales by Application

(2026-2032) & (K Unit)

Table 64: APAC (excl. China) Silicon Carbide Epitaxial Wafer Revenue by Application

(2020-2025) & (US\$ Million)

Table 65: APAC (excl. China) Silicon Carbide Epitaxial Wafer Revenue by Application

(2026-2032) & (US\$ Million)

Table 66: APAC (excl. China) Silicon Carbide Epitaxial Wafer Revenue Market Size by Country (2020-2025) & (US\$ Million)

Table 67: APAC (excl. China) Silicon Carbide Epitaxial Wafer Revenue Market Size Forecast by Country (2026-2032) & (US\$ Million)

Table 68: APAC (excl. China) Silicon Carbide Epitaxial Wafer Sales Market Size by Country (2020-2025) & (K Unit)

Table 69: APAC (excl. China) Silicon Carbide Epitaxial Wafer Sales Market Size Forecast by Country (2026-2032) & (K Unit)

Table 70: Key Silicon Carbide Epitaxial Wafer Players in Latin America

Table 71: Latin America Silicon Carbide Epitaxial Wafer Sales by Type (2020-2025) & (K Unit)

Table 72: Latin America Silicon Carbide Epitaxial Wafer Sales by Type (2026-2032) & (K Unit)

Table 73: Latin America Silicon Carbide Epitaxial Wafer Revenue by Type (2020-2025) & (US\$ Million)

Table 74: Latin America Silicon Carbide Epitaxial Wafer Revenue by Type (2026-2032) & (US\$ Million)

Table 75: Latin America Silicon Carbide Epitaxial Wafer Sales by Application (2020-2025) & (K Unit)

Table 76: Latin America Silicon Carbide Epitaxial Wafer Sales by Application (2026-2032) & (K Unit)

Table 77: Latin America Silicon Carbide Epitaxial Wafer Revenue by Application (2020-2025) & (US\$ Million)

Table 78: Latin America Silicon Carbide Epitaxial Wafer Revenue by Application (2026-2032) & (US\$ Million)

Table 79: Latin America Silicon Carbide Epitaxial Wafer Revenue Market Size by Country (2020-2025) & (US\$ Million)

Table 80: Latin America Silicon Carbide Epitaxial Wafer Revenue Market Size Forecast by Country (2026-2032) & (US\$ Million)

Table 81: Latin America Silicon Carbide Epitaxial Wafer Sales Market Size by Country (2020-2025) & (K Unit)

Table 82: Latin America Silicon Carbide Epitaxial Wafer Sales Market Size Forecast by

Country (2026-2032) & (K Unit)

Table 83: Key Silicon Carbide Epitaxial Wafer Players in Middle East & Africa

Table 84: Middle East & Africa Silicon Carbide Epitaxial Wafer Sales by Type (2020-2025) & (K Unit)

Table 85: Middle East & Africa Silicon Carbide Epitaxial Wafer Sales by Type (2026-2032) & (K Unit)

Table 86: Middle East & Africa Silicon Carbide Epitaxial Wafer Revenue by Type (2020-2025) & (US\$ Million)

Table 87: Middle East & Africa Silicon Carbide Epitaxial Wafer Revenue by Type (2026-2032) & (US\$ Million)

Table 88: Middle East & Africa Silicon Carbide Epitaxial Wafer Sales by Application (2020-2025) & (K Unit)

Table 89: Middle East & Africa Silicon Carbide Epitaxial Wafer Sales by Application (2026-2032) & (K Unit)

Table 90: Middle East & Africa Silicon Carbide Epitaxial Wafer Revenue by Application (2020-2025) & (US\$ Million)

Table 91: Middle East & Africa Silicon Carbide Epitaxial Wafer Revenue by Application (2026-2032) & (US\$ Million)

Table 92: Middle East & Africa Silicon Carbide Epitaxial Wafer Revenue Market Size by Country (2020-2025) & (US\$ Million)

Table 93: Middle East & Africa Silicon Carbide Epitaxial Wafer Revenue Market Size Forecast by Country (2026-2032) & (US\$ Million)

Table 94: Middle East & Africa Silicon Carbide Epitaxial Wafer Sales Market Size by Country (2020-2025) & (K Unit)

Table 95: Middle East & Africa Silicon Carbide Epitaxial Wafer Sales Market Size Forecast by Country (2026-2032) & (K Unit)

Table 96: Global Silicon Carbide Epitaxial Wafer Market Sales by Key Manufacturers (2021-2025) & (K Unit)

Table 97: Global Silicon Carbide Epitaxial Wafer Sales Market Share by Key Manufacturers (2021-2025)

Table 98: Global Silicon Carbide Epitaxial Wafer Market Revenue by Key Manufacturers (2021-2025) & (US\$ Million)

Table 99: Global Silicon Carbide Epitaxial Wafer Revenue Market Share by Key Manufacturers (2021-2025)

Table 100: Global Average Sales Price by Manufacturers (2021-2025) & (USD/Unit)

Table 101: Global Key Manufacturers Headquarter Location and Key Area Sales

Table 102: Market Mergers & Acquisitions, Expansion

Table 103: Cree (Wolfspeed) Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

- Table 104: Cree (Wolfspeed) Silicon Carbide Epitaxial Wafer Product Portfolio
- Table 105: Cree (Wolfspeed) Silicon Carbide Epitaxial Wafer Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)
- Table 106: II-VI Advanced Materials(Ascatron) Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)
- Table 107: II-VI Advanced Materials(Ascatron) Silicon Carbide Epitaxial Wafer Product Portfolio
- Table 108: II-VI Advanced Materials(Ascatron) Silicon Carbide Epitaxial Wafer Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)
- Table 109: Showa Denko K.K.(NSSMC) Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)
- Table 110: Showa Denko K.K.(NSSMC) Silicon Carbide Epitaxial Wafer Product Portfolio
- Table 111: Showa Denko K.K.(NSSMC) Silicon Carbide Epitaxial Wafer Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)
- Table 112: Epiworld intenational Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)
- Table 113: Epiworld intenational Silicon Carbide Epitaxial Wafer Product Portfolio
- Table 114: Epiworld intenational Silicon Carbide Epitaxial Wafer Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)
- Table 115: SK Siltron(Dupont) Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)
- Table 116: SK Siltron(Dupont) Silicon Carbide Epitaxial Wafer Product Portfolio
- Table 117: SK Siltron(Dupont) Silicon Carbide Epitaxial Wafer Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)
- Table 118: TYSiC Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)
- Table 119: TYSiC Silicon Carbide Epitaxial Wafer Product Portfolio
- Table 120: TYSiC Silicon Carbide Epitaxial Wafer Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)
- Table 121: STMicroelectronics (Norstel) Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)
- Table 122: STMicroelectronics (Norstel) Silicon Carbide Epitaxial Wafer Product Portfolio
- Table 123: STMicroelectronics (Norstel) Silicon Carbide Epitaxial Wafer Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)
- Table 124: ROHM (Sicystal) Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

- Table 125: ROHM (Sicrystal) Silicon Carbide Epitaxial Wafer Product Portfolio
- Table 126: ROHM (Sicrystal) Silicon Carbide Epitaxial Wafer Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)
- Table 127: Upstream Key Raw Material Price List
- Table 128: Silicon Carbide Epitaxial Wafer Raw Material Suppliers and Contact Information
- Table 129: Silicon Carbide Epitaxial Wafer Typical Customer List
- Table 130: Silicon Carbide Epitaxial Wafer Distributors List

## List Of Figures

### LIST OF FIGURES

Figure 1: Silicon Carbide Epitaxial Wafer Product Pictures

Figure 2: 100mm Picture Scope

Figure 3: 150mm Picture Scope

Figure 4: 200mm Picture Scope

Figure 5: 600-1200V SiC Devices Picture Scope

Figure 6: 1200-3300V SiC Devices Picture Scope

Figure 7: Above 3300V SiC Devices Picture Scope

Figure 8: Global Silicon Carbide Epitaxial Wafer Market Size Analysis: 2024 VS 2025 VS 2032 (US\$ Million)

Figure 9: Global Silicon Carbide Epitaxial Wafer Market Revenue and Growth Rate Analysis: (2020-2032) & (US\$ Million)

Figure 10: Global Silicon Carbide Epitaxial Wafer Market Sales and Growth Rate Analysis (2020-2032) & (K Unit)

Figure 11: Global Silicon Carbide Epitaxial Wafer Market Price Trend Analysis (2020-2032) & (USD/Unit)

Figure 12: Global Silicon Carbide Epitaxial Wafer Market Size by Region (2020-2032) & (US\$ Million)

Figure 13: Global Silicon Carbide Epitaxial Wafer Market Share Scenario by Region in Percentage: 2025 Versus 2032

Figure 14: Global Silicon Carbide Epitaxial Wafer Sales Price by Region (2020-2032) & (K Unit)

Figure 15: North America Silicon Carbide Epitaxial Wafer Market Size and Growth Rate (2020-2032) & (US\$ Million)

Figure 16: North America Silicon Carbide Epitaxial Wafer Revenue Market Share by Players in 2024

Figure 17: North America Silicon Carbide Epitaxial Wafer Sales Market Share by Type (2020-2032)

Figure 18: North America Silicon Carbide Epitaxial Wafer Revenue Market Share by Type (2020-2032)

Figure 19: North America Silicon Carbide Epitaxial Wafer Sales Market Share by Application (2020-2032)

Figure 20: North America Silicon Carbide Epitaxial Wafer Revenue Market Share by Application (2020-2032)

Figure 21: US Silicon Carbide Epitaxial Wafer Revenue (2020-2032) & (US\$ Million)

Figure 22: Canada Silicon Carbide Epitaxial Wafer Revenue (2020-2032) & (US\$ Million)

Figure 23:Europe Silicon Carbide Epitaxial Wafer Market Size and Growth Rate (2020-2032) & (US\$ Million)

Figure 24:Europe Silicon Carbide Epitaxial Wafer Revenue Market Share by Players in 2024

Figure 25:Europe Silicon Carbide Epitaxial Wafer Sales Market Share by Type (2020-2032)

Figure 26:Europe Silicon Carbide Epitaxial Wafer Revenue Market Share by Type (2020-2032)

Figure 27:Europe Silicon Carbide Epitaxial Wafer Sales Market Share by Application (2020-2032)

Figure 28:Europe Silicon Carbide Epitaxial Wafer Revenue Market Share by Application (2020-2032)

Figure 29:Germany Silicon Carbide Epitaxial Wafer Revenue (2020-2032) & (US\$ Million)

Figure 30:France Silicon Carbide Epitaxial Wafer Revenue (2020-2032) & (US\$ Million)

Figure 31:United Kingdom Silicon Carbide Epitaxial Wafer Revenue (2020-2032) & (US\$ Million)

Figure 32:Italy Silicon Carbide Epitaxial Wafer Revenue (2020-2032) & (US\$ Million)

Figure 33:Spain Silicon Carbide Epitaxial Wafer Revenue (2020-2032) & (US\$ Million)

Figure 34:Benelux Silicon Carbide Epitaxial Wafer Revenue (2020-2032) & (US\$ Million)

Figure 35:China Silicon Carbide Epitaxial Wafer Market Size and Growth Rate (2020-2032) & (US\$ Million)

Figure 36:China Silicon Carbide Epitaxial Wafer Revenue Market Share by Players in 2024

Figure 37:China Silicon Carbide Epitaxial Wafer Sales Market Share by Type (2020-2032)

Figure 38:China Silicon Carbide Epitaxial Wafer Revenue Market Share by Type (2020-2032)

Figure 39:China Silicon Carbide Epitaxial Wafer Sales Market Share by Application (2020-2032)

Figure 40:China Silicon Carbide Epitaxial Wafer Revenue Market Share by Application (2020-2032)

Figure 41:APAC (excl. China) Silicon Carbide Epitaxial Wafer Market Size and Growth Rate (2020-2032) & (US\$ Million)

Figure 42:APAC (excl. China) Silicon Carbide Epitaxial Wafer Revenue Market Share by Players in 2024

Figure 43:APAC (excl. China) Silicon Carbide Epitaxial Wafer Sales Market Share by Type (2020-2032)

Figure 44:APAC (excl. China) Silicon Carbide Epitaxial Wafer Revenue Market Share by Type (2020-2032)

Figure 45:APAC (excl. China) Silicon Carbide Epitaxial Wafer Sales Market Share by Application (2020-2032)

Figure 46:APAC (excl. China) Silicon Carbide Epitaxial Wafer Revenue Market Share by Application (2020-2032)

Figure 47:Japan Silicon Carbide Epitaxial Wafer Revenue (2020-2032) & (US\$ Million)

Figure 48:South Korea Silicon Carbide Epitaxial Wafer Revenue (2020-2032) & (US\$ Million)

Figure 49:India Silicon Carbide Epitaxial Wafer Revenue (2020-2032) & (US\$ Million)

Figure 50:Australia Silicon Carbide Epitaxial Wafer Revenue (2020-2032) & (US\$ Million)

Figure 51:Southeast Asia Silicon Carbide Epitaxial Wafer Revenue (2020-2032) & (US\$ Million)

Figure 52:Latin America Silicon Carbide Epitaxial Wafer Market Size and Growth Rate (2020-2032) & (US\$ Million)

Figure 53:Latin America Silicon Carbide Epitaxial Wafer Revenue Market Share by Players in 2024

Figure 54:Latin America Silicon Carbide Epitaxial Wafer Sales Market Share by Type (2020-2032)

Figure 55:Latin America Silicon Carbide Epitaxial Wafer Revenue Market Share by Type (2020-2032)

Figure 56:Latin America Silicon Carbide Epitaxial Wafer Sales Market Share by Application (2020-2032)

Figure 57:Latin America Silicon Carbide Epitaxial Wafer Revenue Market Share by Application (2020-2032)

Figure 58:Mexico Silicon Carbide Epitaxial Wafer Revenue (2020-2032) & (US\$ Million)

Figure 59:Brazil Silicon Carbide Epitaxial Wafer Revenue (2020-2032) & (US\$ Million)

Figure 60:Middle East & Africa Silicon Carbide Epitaxial Wafer Market Size and Growth Rate (2020-2032) & (US\$ Million)

Figure 61:Middle East & Africa Silicon Carbide Epitaxial Wafer Revenue Market Share by Players in 2024

Figure 62:Middle East & Africa Silicon Carbide Epitaxial Wafer Sales Market Share by Type (2020-2032)

Figure 63:Middle East & Africa Silicon Carbide Epitaxial Wafer Revenue Market Share by Type (2020-2032)

Figure 64:Middle East & Africa Silicon Carbide Epitaxial Wafer Sales Market Share by Application (2020-2032)

Figure 65:Middle East & Africa Silicon Carbide Epitaxial Wafer Revenue Market Share

by Application (2020-2032)

Figure 66: Saudi Arabia Silicon Carbide Epitaxial Wafer Revenue (2020-2032) & (US\$ Million)

Figure 67: South Africa Silicon Carbide Epitaxial Wafer Revenue (2020-2032) & (US\$ Million)

Figure 68: Global Silicon Carbide Epitaxial Wafer Sales Market Share by Key Manufacturers in 2024

Figure 69: Global Silicon Carbide Epitaxial Wafer Revenue Market Share by Key Manufacturers in 2024

Figure 70: Global Silicon Carbide Epitaxial Wafer Industry Competition Landscape

Figure 71: Silicon Carbide Epitaxial Wafer Industry Chain Analysis

Figure 72: Bottom-Up and Top-Down Research Methods

Figure 73: Key Interview Objectives

Figure 74: Data Cross Validation

## I would like to order

Product name: Global Silicon Carbide Epitaxial Wafer Competitive Landscape Professional Research Report 2025

Product link: <https://marketpublishers.com/r/SF9DC137A575EN.html>

Price: US\$ 3,500.00 (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/SF9DC137A575EN.html>