

# Global Automobile SiC and GaN Power Devices Market Growth 2022-2028

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## Abstracts

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Power transistors are important type of discrete device which are used to control voltages, minimize power consumption, & minimizing heat generation in automobile applications. Devices built for reliable, robust, & power-efficient energy storage applications are referred as power discrete. They're crucial parts of circuits designed to increase the battery life of portable electronics. Ultrafast diodes for DC-DC converters & rectification in the secondary side of OBS (on-board-charger) systems are examples of automotive-grade power discrete devices. This report focus on Automobile SiC & GaN Power Devices market.

The global market for Automobile SiC and GaN Power Devices is estimated to increase from US\$ million in 2021 to reach US\$ million by 2028, exhibiting a CAGR of % during 2022-2028. Keeping in mind the uncertainties of COVID-19 and Russia-Ukraine War, we are continuously tracking and evaluating the direct as well as the indirect influence of the pandemic on different end use sectors. These insights are included in the report as a major market contributor.

The APAC Automobile SiC and GaN Power Devices market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The United States Automobile SiC and GaN Power Devices market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The Europe Automobile SiC and GaN Power Devices market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The China Automobile SiC and GaN Power Devices market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

Global key Automobile SiC and GaN Power Devices players cover Continental AG, Danfoss, Efficient Power Conversion (EPC), Fuji and GaN Systems, etc. In terms of revenue, the global largest two companies occupy a share nearly % in 2021.

## Report Coverage

This latest report provides a deep insight into the global Automobile SiC and GaN Power Devices market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, value chain analysis, etc.

This report aims to provide a comprehensive picture of the global Automobile SiC and GaN Power Devices market, with both quantitative and qualitative data, to help readers understand how the Automobile SiC and GaN Power Devices market scenario changed across the globe during the pandemic and Russia-Ukraine War.

The base year considered for analyses is 2021, while the market estimates and forecasts are given from 2022 to 2028. The market estimates are provided in terms of revenue in USD millions and volume in K Units.

## Market Segmentation:

The study segments the Automobile SiC and GaN Power Devices market and forecasts the market size by Type (SiC Power Devices and GaN Power Devices,), by Application (Fuel Vehicles and Electric Vehicles.), and region (APAC, Americas, Europe, and Middle East & Africa).

## Segmentation by type

SiC Power Devices

GaN Power Devices

## Segmentation by application

Fuel Vehicles

Electric Vehicles

## Segmentation 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

Major companies covered

Continental AG

Danfoss

Efficient Power Conversion (EPC)

Fuji

GaN Systems

GeneSic

Infineon Technologies

Microchip Technology

Mitsubishi

Nexperia

ON Semiconductor

Rohm Semiconductor

Robert Bosch

ST Microelectronics

Toshiba

United Silicon Carbide Inc

VisIC Technologies LTD

Vishay

Wolfspeed

NationStar Optoelectronics

## Chapter Introduction

Chapter 1: Scope of Automobile SiC and GaN Power Devices, Research Methodology, etc.

Chapter 2: Executive Summary, global Automobile SiC and GaN Power Devices market size (sales and revenue) and CAGR, Automobile SiC and GaN Power Devices market size by region, by type, by application, historical data from 2017 to 2022, and forecast to 2028.

Chapter 3: Automobile SiC and GaN Power Devices sales, revenue, average price, global market share, and industry ranking by company, 2017-2022

Chapter 4: Global Automobile SiC and GaN Power Devices sales and revenue by region and by country. Country specific data and market value analysis for the U.S., Canada, Europe, China, Japan, South Korea, Southeast Asia, India, Latin America and

Middle East & Africa.

Chapter 5, 6, 7, 8: Americas, APAC, Europe, Middle East & Africa, sales segment by country, by type, and type.

Chapter 9: Analysis of the current market trends, market forecast, opportunities and economic trends that are affecting the future marketplace

Chapter 10: Manufacturing cost structure analysis

Chapter 11: Sales channel, distributors, and customers

Chapter 12: Global Automobile SiC and GaN Power Devices market size forecast by region, by country, by type, and application.

Chapter 13: Comprehensive company profiles of the leading players, including Continental AG, Danfoss, Efficient Power Conversion (EPC), Fuji, GaN Systems, GeneSic, Infineon Technologies, Microchip Technology and Mitsubishi, etc.

Chapter 14: Research Findings and Conclusion

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