

Wide Bandgap Semiconductor Market, Global Outlook and Forecast 2022-2028

<https://marketpublishers.com/r/W05C35896303EN.html>

Date: February 2022

Pages: 127

Price: US\$ 3,250.00 (Single User License)

ID: W05C35896303EN

Abstracts

Wide bandgap semiconductor is in high temperature, can make the equipment under the working voltage and frequency of a semiconductor material, is widely used in portable media player, desktop computers, flat panel display, notebook computer, electronic and electrical products, such as smart phone broadband gap of the semiconductor, blue LED, green LED and laser, military radar and other radio frequency applications.

This report contains market size and forecasts of Wide Bandgap Semiconductor in global, including the following market information:

Global Wide Bandgap Semiconductor Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Wide Bandgap Semiconductor Market Sales, 2017-2022, 2023-2028, (K Units)

Global top five Wide Bandgap Semiconductor companies in 2021 (%)

The global Wide Bandgap Semiconductor market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Silicon Carbide (SiC) Substrate Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Wide Bandgap Semiconductor include Mersen, Avogy, Fujitsu, GaN Systems, Cree, Efficient Power Conversion Corporation, Everlight Electronics, Toshiba Corporation and Renesas Electronics Corporation, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Wide Bandgap Semiconductor manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Wide Bandgap Semiconductor Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Wide Bandgap Semiconductor Market Segment Percentages, by Type, 2021 (%)

Silicon Carbide (SiC) Substrate

Gallium Nitride (GaN) Substrate

Diamond Substrate Substrate

Gallium Oxide Substrate

Aluminum Nitride (AlN) Substrate

Global Wide Bandgap Semiconductor Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Wide Bandgap Semiconductor Market Segment Percentages, by Application, 2021 (%)

Automobile and Transportation

Aerospace and National Defense

The IT and Communications

Consumer Electronics

Energy and Utilities

Other

Global Wide Bandgap Semiconductor Market, By Region and Country, 2017-2022,
2023-2028 (\$ Millions) & (K Units)

Global Wide Bandgap Semiconductor Market Segment Percentages, By Region and
Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Wide Bandgap Semiconductor revenues in global market, 2017-2022
(Estimated), (\$ millions)

Key companies Wide Bandgap Semiconductor revenues share in global market, 2021
(%)

Key companies Wide Bandgap Semiconductor sales in global market, 2017-2022
(Estimated), (K Units)

Key companies Wide Bandgap Semiconductor sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Mersen

Avogy

Fujitsu

GaN Systems

Cree

Efficient Power Conversion Corporation

Everlight Electronics

Toshiba Corporation

Renesas Electronics Corporation

NXP Semiconductors

Russian Fishery

Transphorm

ROHM Semiconductor

Texas Instruments

STMicroelectronics

Infineon Technologies

Microsemi Corporation

United Silicon Carbide

Exagan

Qorvo

Mitsubishi Electric

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