

GaN on Silicon Technology Market - Global Outlook and Forecast 2022-2028

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Abstracts

GaN on Silicon Technology does offer cost benefits in the production of LEDs through the use of less precious base material and the use of highly automated and depreciated semiconductor fabrication lines on large diameter silicon substrates, it is the other inherent attributes of the technology that are now beginning to impact the market.

This report contains market size and forecasts of GaN on Silicon Technology in Global, including the following market information:

Global GaN on Silicon Technology Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global top five companies in 2021 (%)

The global GaN on Silicon Technology market was valued at 18 million in 2021 and is projected to reach US\$ 36 million by 2028, at a CAGR of 10.3% during the forecast period.

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

50 mm Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of GaN on Silicon Technology include NXP Semiconductor, GaN Systems, Panasonic Corporation, Fujitsu Semiconductor, Transphorm Inc., Texas Instruments, Qorvo, Inc., OSRAM Opto Semiconductors GmbH and Infineon Technologies AG and etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the GaN on Silicon Technology companies, and industry experts on this industry, involving the revenue, demand, product type, recent developments and plans, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global GaN on Silicon Technology Market, by Type, 2017-2022, 2023-2028 (\$ millions)

Global GaN on Silicon Technology Market Segment Percentages, by Type, 2021 (%)

50 mm

100 mm

150 mm

200 mm

Global GaN on Silicon Technology Market, by Application, 2017-2022, 2023-2028 (\$ millions)

Global GaN on Silicon Technology Market Segment Percentages, by Application, 2021 (%)

Consumer Electronics

IT and Telecommunication

Automotive

Aerospace and Defense

Others

Global GaN on Silicon Technology Market, By Region and Country, 2017-2022,

2023-2028 (\$ Millions)

Global GaN on Silicon Technology 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 GaN on Silicon Technology revenues in global market, 2017-2022 (estimated), (\$ millions)

Key companies GaN on Silicon Technology revenues share in global market, 2021 (%)

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

NXP Semiconductor

GaN Systems

Panasonic Corporation

Fujitsu Semiconductor

Transphorm Inc.

Texas Instruments

Qorvo, Inc.

OSRAM Opto Semiconductors GmbH

Infineon Technologies AG

Cree, Inc.

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