

Gallium Nitride Semiconductor Device Market - Global Outlook and Forecast 2022-2028

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Abstracts

The major factors driving the growth of the gallium nitride semiconductor device industry include the vast addressable market for gallium nitride in consumer electronics and automotive, wide bandgap property of gallium nitride material encouraging innovative applications, success of gallium nitride in RF power electronics.

This report contains market size and forecasts of Gallium Nitride Semiconductor Device in global, including the following market information:

Global Gallium Nitride Semiconductor Device Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Gallium Nitride Semiconductor Device Market Sales, 2017-2022, 2023-2028, (K Units)

Global top five Gallium Nitride Semiconductor Device companies in 2021 (%)

The global Gallium Nitride Semiconductor Device 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.

OPTO-Semiconductor Devices Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Gallium Nitride Semiconductor Device include Cree, Infineon, Qorvo, Macom, Microchip Technology, Mitsubishi Electric, Efficient Power Conversion, Gan Systems and Nichia, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Gallium Nitride Semiconductor Device 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 Gallium Nitride Semiconductor Device Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Gallium Nitride Semiconductor Device Market Segment Percentages, by Type, 2021 (%)

OPTO-Semiconductor Devices

GaN Radio Frequency Devices

Power Semiconductors Devices

Global Gallium Nitride Semiconductor Device Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Gallium Nitride Semiconductor Device Market Segment Percentages, by Application, 2021 (%)

Automotive

Consumer Electronics

Defense & Aerospace

Information & Communication Technology

Industrial & Power

Others

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

Global Gallium Nitride Semiconductor Device 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 Gallium Nitride Semiconductor Device revenues in global market,

2017-2022 (Estimated), (\$ millions)

Key companies Gallium Nitride Semiconductor Device revenues share in global market, 2021 (%)

Key companies Gallium Nitride Semiconductor Device sales in global market, 2017-2022 (Estimated), (K Units)

Key companies Gallium Nitride Semiconductor Device sales share in global market, 2021 (%)

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

Cree

Infineon

Qorvo

Macom

Microchip Technology

Mitsubishi Electric

Efficient Power Conversion

Gan Systems

Nichia

Epistar

Exagan

Visic Technologies.

Integra Technologies.

Transphorm

Navitas Semiconductor

Samsung

Analog Devices

Panasonic

Texas Instruments

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