

RF GaN Semiconductor Device Market, Global Outlook and Forecast 2022-2028

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Abstracts

Gallium nitride (GaN) is a wide bandgap material that offers significant advantages in high-power radio frequency (RF) applications. Gallium nitride (GaN) is a wide bandgap material that offers significant advantages in high-power radio frequency (RF) applications.

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

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

Global RF GaN Semiconductor Device Market Sales, 2017-2022, 2023-2028, (K Units)

Global top five RF GaN Semiconductor Device companies in 2021 (%)

The global RF GaN 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 2022-2028.

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

GaN-On-SiC Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of RF GaN Semiconductor Device include Sumitomo Electric Industries, Ltd, Raytheon Company, Robert Bosch GmbH, STMicroelectronics,

Hitachi, Ltd, Toshiba Corporation, Mitsubishi Electric Corporation, Infineon Technologies AG 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 RF GaN 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 RF GaN Semiconductor Device Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global RF GaN Semiconductor Device Market Segment Percentages, by Type, 2021 (%)

GaN-On-SiC

GaN-On-Silicon

GaN-On-Diamond

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

Global RF GaN Semiconductor Device Market Segment Percentages, by Application, 2021 (%)

Aerospace & Defense

Telecom

Consumer Electronics

Automotive

Others

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

Global RF GaN 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 RF GaN Semiconductor Device revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies RF GaN Semiconductor Device revenues share in global market, 2021 (%)

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

Key companies RF GaN Semiconductor Device sales share in global market, 2021 (%)

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

Sumitomo Electric Industries, Ltd

Raytheon Company

Robert Bosch GmbH

STMicroelectronics

Hitachi, Ltd

Toshiba Corporation

Mitsubishi Electric Corporation

Infineon Technologies AG

Renesas Electronics Corporation

Panasonic Corporation

Microchip Technology

Aethercomm Inc.

Cree, Inc.

NXP Semiconductor

Analog Devices Inc.

ROHM Semiconductors

Qorvo Inc.

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