

Global Gallium Arsenide Diode Market Growth 2022-2028

<https://marketpublishers.com/r/G2E994601B55EN.html>

Date: December 2022

Pages: 104

Price: US\$ 3,660.00 (Single User License)

ID: G2E994601B55EN

Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

Gallium arsenide (gallium arsenide), chemical formula GaAs. black-grey solid, melting point 1238°C. It is stable in air below 600°C and is not attacked by non-oxidizing acids. Gallium arsenide is an important semiconductor material. It is a group III-V compound semiconductor. Gallium arsenide body effect diode is a new type of semiconductor device a microwave oscillator device.

The global market for Gallium Arsenide Diode 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 Gallium Arsenide Diode market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The United States Gallium Arsenide Diode market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The Europe Gallium Arsenide Diode market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The China Gallium Arsenide Diode market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

Global key Gallium Arsenide Diode players cover ADT, AXT Inc., Freiberger Compound Materials GmbH, Furukawa Denshi Co., Ltd. and II-VI Incorporated, 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 Gallium Arsenide Diode 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 Gallium Arsenide Diode market, with both quantitative and qualitative data, to help readers understand how the Gallium Arsenide Diode 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 Units.

Market Segmentation:

The study segments the Gallium Arsenide Diode market and forecasts the market size by Type (Wire Leads and Surface Mount,), by Application (Mechanical Engineering, Automotive Industry, Aerospace and Oil And Gas), and region (APAC, Americas, Europe, and Middle East & Africa).

Segmentation by type

Wire Leads

Surface Mount

Segmentation by application

Mechanical Engineering

Automotive Industry

Aerospace

Oil And Gas

Chemical Industry

Medical Technology

Electrical Industry

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

ADT

AXT Inc.

Freiberger Compound Materials GmbH

Furukawa Denshi Co., Ltd.

II-VI Incorporated

Intenseco

Keysight

Macom

Microchip Technology

Mouser Electronics

plutosemi

Semiconductor Wafer Inc.

Sumitomo Electric Industries Ltd.

Xiamen Powerway Advanced Material Co. Ltd.

Chapter Introduction

Chapter 1: Scope of Gallium Arsenide Diode, Research Methodology, etc.

Chapter 2: Executive Summary, global Gallium Arsenide Diode market size (sales and revenue) and CAGR, Gallium Arsenide Diode market size by region, by type, by application, historical data from 2017 to 2022, and forecast to 2028.

Chapter 3: Gallium Arsenide Diode sales, revenue, average price, global market share, and industry ranking by company, 2017-2022

Chapter 4: Global Gallium Arsenide Diode 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 Gallium Arsenide Diode market size forecast by region, by country, by type, and application.

Chapter 13: Comprehensive company profiles of the leading players, including ADT, AXT Inc., Freiberger Compound Materials GmbH, Furukawa Denshi Co., Ltd., II-VI Incorporated, Intenseco, Keysight, Macom and Microchip Technology, etc.

Chapter 14: Research Findings and Conclusion

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