

# Global Gallium Arsenide Type Diodes Supply, Demand and Key Producers, 2023-2029

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## Abstracts

The global Gallium Arsenide Type Diodes market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

Gallium Arsenide Type Diodes, 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.

This report studies the global Gallium Arsenide Type Diodes production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Gallium Arsenide Type Diodes, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Gallium Arsenide Type Diodes that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Gallium Arsenide Type Diodes total production and demand, 2018-2029, (K Units)

Global Gallium Arsenide Type Diodes total production value, 2018-2029, (USD Million)

Global Gallium Arsenide Type Diodes production by region & country, production, value,

CAGR, 2018-2029, (USD Million) & (K Units)

Global Gallium Arsenide Type Diodes consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Gallium Arsenide Type Diodes domestic production, consumption, key domestic manufacturers and share

Global Gallium Arsenide Type Diodes production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Gallium Arsenide Type Diodes production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Gallium Arsenide Type Diodes production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units)

This reports profiles key players in the global Gallium Arsenide Type Diodes market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Mouser Electronics, Semiconductor Wafer Inc., AXT Inc., Sumitomo Electric Industries Ltd., Freiberger Compound Materials GmbH, Xiamen Powerway Advanced Material Co. Ltd., Furukawa Denshi Co., Ltd, plutosemi and Macom, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Gallium Arsenide Type Diodes market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

## Global Gallium Arsenide Type Diodes Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

## Global Gallium Arsenide Type Diodes Market, Segmentation by Type

Wire Leads

Surface Mount

## Global Gallium Arsenide Type Diodes Market, Segmentation by Application

Mechanical Engineering

Automotive Industry

Aerospace

Oil And Gas

Chemical Industry

Medical Technology

## Electrical Industry

### Companies Profiled:

Mouser Electronics

Semiconductor Wafer Inc.

AXT Inc.

Sumitomo Electric Industries Ltd.

Freiberger Compound Materials GmbH

Xiamen Powerway Advanced Material Co. Ltd.

Furukawa Denshi Co., Ltd

plutosemi

Macom

II-VI Incorporated

Microchip Technology

Intenseco

ADT

Keysight

### Key Questions Answered

1. How big is the global Gallium Arsenide Type Diodes market?

2. What is the demand of the global Gallium Arsenide Type Diodes market?
3. What is the year over year growth of the global Gallium Arsenide Type Diodes market?
4. What is the production and production value of the global Gallium Arsenide Type Diodes market?
5. Who are the key producers in the global Gallium Arsenide Type Diodes market?
6. What are the growth factors driving the market demand?

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