

# Global Gallium Arsenide Substrate Market Research Report 2016-2026

<https://marketpublishers.com/r/G3E7C952D510EN.html>

Date: January 2022

Pages: 87

Price: US\$ 1,800.00 (Single User License)

ID: G3E7C952D510EN

## Abstracts

### SUMMARY

The global Gallium Arsenide Substrate market will reach xxx Million USD in 2021 with CAGR xx% 2021-2026. The objective of report is to define, segment, and project the market on the basis of product type, application, and region, and to describe the content about the factors influencing market dynamics, policy, economic, technology and market entry etc.

Based on products type, the report describes major products type share of regional market. Products mentioned as follows:

LEC Grown GaAs

VGF Grown GaAs

Others

Leading vendors in the market are included based on profile, business performance etc. Vendors mentioned as follows:

Freiberger Compound Materials

AXT

Sumitomo Electric

China Crystal Technologies

Shenzhou Crystal Technology

Tianjin Jingming Electronic Materials

Yunnan Germanium

DOWA Electronics Materials

II-VI Incorporated

IQE Corporation

Based on Application, the report describes major application share of regional market. Application mentioned as follows:

Wireless Communication

Optoelectronic Devices

Based on region, the report describes major regions market by products and application. Regions mentioned as follows:

Asia-Pacific

North America

Europe

South America

Middle East & Africa

## Contents

### 1 MARKET OVERVIEW

#### 1.1 Objectives of Research

##### 1.1.1 Definition

Figure Gallium Arsenide Substrate Picture

##### 1.1.2 Specifications

Table Product Specifications of Gallium Arsenide Substrate

#### 1.2 Market Segment

##### 1.2.1 by Type

Table Products Segment of Gallium Arsenide Substrate

Table Global Gallium Arsenide Substrate Market by Type, 2016-2026 (USD Million)

##### 1.2.1.1 LEC Grown GaAs

Table LEC Grown GaAs Overview

##### 1.2.1.2 VGF Grown GaAs

Table VGF Grown GaAs Overview

##### 1.2.1.3 Others

Table Others Overview

##### 1.2.2 by Application

Table Application Segment of Gallium Arsenide Substrate

Table Global Gallium Arsenide Substrate Market by Application, 2016-2026 (USD Million)

##### 1.2.2.1 Wireless Communication

Table Wireless Communication Overview

##### 1.2.2.2 Optoelectronic Devices

Table Optoelectronic Devices Overview

##### 1.2.3 by Regions

Table Global Gallium Arsenide Substrate Market by Region, 2016-2026 (USD Million)

### 2 INDUSTRY CHAIN

#### 2.1 Industry Chain Structure

Figure Industry Chain Structure of Gallium Arsenide Substrate

#### 2.2 Upstream

Table Cost of Gallium Arsenide Substrate

Figure Manufacturing Process of Gallium Arsenide Substrate

#### 2.3 Market

##### 2.3.1 SWOT

Figure SWOT of Gallium Arsenide Substrate

2.3.2 Dynamics

Table Market Dynamics

### **3 ENVIRONMENTAL ANALYSIS**

3.1 Policy

Table Policy of Gallium Arsenide Substrate

3.2 Economic

Table GDP of Major Countries

3.3 Technology

Table Technology of Gallium Arsenide Substrate

3.4 Market Entry

Table Market Entry of Gallium Arsenide Substrate

### **4 MARKET SEGMENTATION BY TYPE**

4.1 Market Size

4.1.1 LEC Grown GaAs Market, 2016-2020

Figure LEC Grown GaAs Market Size and Growth, 2016-2020 (USD Million)

Figure LEC Grown GaAs Market Size and Growth, 2016-2020 (in Volume)

Table LEC Grown GaAs CAGR by Revenue and Volume, 2016-2020

4.1.2 VGF Grown GaAs Market, 2016-2020

Figure VGF Grown GaAs Market Size and Growth, 2016-2020 (USD Million)

Figure VGF Grown GaAs Market Size and Growth, 2016-2020 (in Volume)

Table VGF Grown GaAs CAGR by Revenue and Volume, 2016-2020

4.1.3 Others Market, 2016-2020

Figure Others Market Size and Growth, 2016-2020 (USD Million)

Figure Others Market Size and Growth, 2016-2020 (in Volume)

Table Others CAGR by Revenue and Volume, 2016-2020

4.2 Market Forecast

4.2.1 LEC Grown GaAs Market Forecast, 2021-2026

Figure LEC Grown GaAs Market Estimates and Forecasts, 2021-2026 (USD Million)

Figure LEC Grown GaAs Market Estimates and Forecasts, 2021-2026 (in Volume)

Table LEC Grown GaAs CAGR by Revenue and Volume, 2016-2026

4.2.2 VGF Grown GaAs Market Forecast, 2021-2026

Figure VGF Grown GaAs Market Estimates and Forecasts, 2021-2026 (USD Million)

Figure VGF Grown GaAs Market Estimates and Forecasts, 2021-2026 (in Volume)

Table VGF Grown GaAs CAGR by Revenue and Volume, 2016-2026

#### 4.2.3 Others Market Forecast, 2021-2026

Figure Others Market Estimates and Forecasts, 2021-2026 (USD Million)

Figure Others Market Estimates and Forecasts, 2021-2026 (in Volume)

Table Others CAGR by Revenue and Volume, 2016-2026

## 5 MARKET SEGMENTATION BY APPLICATION

### 5.1 Market Size

#### 5.1.1 Wireless Communication Market, 2016-2020

Figure Wireless Communication Market Size and Growth, 2016-2020 (USD Million)

Figure Market Size and Growth, 2016-2020 (in Volume)

Table Wireless Communication CAGR by Revenue and Volume, 2016-2020

#### 5.1.2 Optoelectronic Devices Market, 2016-2020

Figure Optoelectronic Devices Market Size and Growth, 2016-2020 (USD Million)

Figure Market Size and Growth, 2016-2020 (in Volume)

Table Optoelectronic Devices CAGR by Revenue and Volume, 2016-2020

### 5.2 Market Forecast

#### 5.2.1 Wireless Communication Market Forecast, 2021-2026

Figure Wireless Communication Market Estimates and Forecasts, 2021-2026 (USD Million)

Figure Wireless Communication Market Estimates and Forecasts, 2021-2026 (in Volume)

Table Wireless Communication CAGR by Revenue and Volume, 2021-2026

#### 5.2.2 Optoelectronic Devices Market Forecast, 2021-2026

Figure Optoelectronic Devices Market Estimates and Forecasts, 2021-2026 (USD Million)

Figure Optoelectronic Devices Market Estimates and Forecasts, 2021-2026 (in Volume)

Table Optoelectronic Devices CAGR by Revenue and Volume, 2021-2026

## 6 MARKET SEGMENTATION BY REGION

### 6.1 Market Size

#### 6.1.1 Asia-Pacific

##### 6.1.1.1 Asia-Pacific Market, 2016-2020

Figure Asia-Pacific Market Size and Growth, 2016-2020 (USD Million)

Figure Asia-Pacific Market Size and Growth, 2016-2020 (in Volume)

Table Asia-Pacific CAGR by Revenue and Volume, 2016-2020

##### 6.1.1.2 Asia-Pacific Market by Type

Figure Asia-Pacific Market Size by Type

Figure Asia-Pacific Market Share by Type

6.1.1.3 Asia-Pacific Market by Application

Figure Asia-Pacific Market Size by Application

Figure Asia-Pacific Market Share by Application

6.1.2 North America

6.1.2.1 North America Market, 2016-2020

Figure North America Market Size and Growth, 2016-2020 (USD Million)

Figure North America Market Size and Growth, 2016-2020 (in Volume)

Table North America CAGR by Revenue and Volume, 2016-2020

6.1.2.2 North America Market by Type

Figure North America Market Size by Type

Figure North America Market Share by Type

6.1.2.3 North America Market by Application

Figure North America Market Size by Application

Figure North America Market Share by Application

6.1.3 Europe

6.1.3.1 Europe Market, 2016-2020

Figure Europe Market Size and Growth, 2016-2020 (USD Million)

Figure Europe Market Size and Growth, 2016-2020 (in Volume)

Table Europe CAGR by Revenue and Volume, 2016-2020

6.1.3.2 Europe Market by Type

Figure Europe Market Size by Type

Figure Europe Market Share by Type

6.1.3.3 Europe Market by Application

Figure Europe Market Size by Application

Figure Europe Market Share by Application

6.1.4 South America

6.1.4.1 South America Market, 2016-2020

Figure South America Market Size and Growth, 2016-2020 (USD Million)

Figure South America Market Size and Growth, 2016-2020 (in Volume)

Table South America CAGR by Revenue and Volume, 2016-2020

6.1.4.2 South America Market by Type

Figure South America Market Size by Type

Figure South America Market Share by Type

6.1.4.3 South America Market by Application

Figure South America Market Size by Application

Figure South America Market Share by Application

6.1.5 Middle East & Africa

6.1.5.1 Middle East & Africa Market, 2016-2020

Figure Middle East & Africa Market Size and Growth, 2016-2020 (USD Million)

Figure Middle East & Africa Market Size and Growth, 2016-2020 (in Volume)

Table Middle East & Africa CAGR by Revenue and Volume, 2016-2020

6.1.5.2 Middle East & Africa Market by Type

Figure Middle East & Africa Market Size by Type

Figure Middle East & Africa Market Share by Type

6.1.5.3 Middle East & Africa Market by Application

Figure Middle East & Africa Market Size by Application

Figure Middle East & Africa Market Share by Application

6.2 Market Forecast

6.2.1 Asia-Pacific Market Forecast, 2021-2026

Figure Asia-Pacific Market Estimates and Forecasts, 2021-2026 (USD Million)

Figure Asia-Pacific Market Estimates and Forecasts, 2021-2026 (in Volume)

Table Asia-Pacific CAGR by Revenue and Volume, 2021-2026

6.2.2 North America Market Forecast, 2021-2026

Figure North America Market Estimates and Forecasts, 2021-2026 (USD Million)

Figure North America Market Estimates and Forecasts, 2021-2026 (in Volume)

Table North America CAGR by Revenue and Volume, 2021-2026

6.2.3 Europe Market Forecast, 2021-2026

Figure Europe Market Estimates and Forecasts, 2021-2026 (USD Million)

Figure Europe Market Estimates and Forecasts, 2021-2026 (in Volume)

Table Europe CAGR by Revenue and Volume, 2021-2026

6.2.4 South America Market Forecast, 2021-2026

Figure South America Market Estimates and Forecasts, 2021-2026 (USD Million)

Figure South America Market Estimates and Forecasts, 2021-2026 (in Volume)

Table South America CAGR by Revenue and Volume, 2021-2026

6.2.5 Middle East & Africa Market Forecast, 2021-2026

Figure Middle East & Africa Market Estimates and Forecasts, 2021-2026 (USD Million)

Figure Middle East & Africa Market Estimates and Forecasts, 2021-2026 (in Volume)

Table Middle East & Africa CAGR by Revenue and Volume, 2021-2026

## **7 MARKET COMPETITIVE**

7.1 Global Market by Vendors

Table Global Gallium Arsenide Substrate Market by Vendors, 2016-2020 (in Volume)

Table Global Gallium Arsenide Substrate Market Share by Vendors, 2016-2020 (USD Million)

Table Global Gallium Arsenide Substrate Market Share by Vendors, 2016-2020 (in Volume)

## 7.2 Market Concentration

Figure Gallium Arsenide Substrate Market Concentration by Region

## 7.3 Price & Factors

Table Price Factors List

## 7.4 Marketing Channel

Figure Marketing Channels Overview

# 8 MAJOR VENDORS

## 8.1 Freiberger Compound Materials

Table Freiberger Compound Materials Profile List

Table Microecological Modulator Operating Data of Freiberger Compound Materials (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

## 8.2 AXT

Table AXT Profile List

Table Microecological Modulator Operating Data of AXT (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

## 8.3 Sumitomo Electric

Table Sumitomo Electric Profile List

Table Microecological Modulator Operating Data of Sumitomo Electric (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

## 8.4 China Crystal Technologies

Table China Crystal Technologies Profile List

Table Microecological Modulator Operating Data of China Crystal Technologies (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

## 8.5 Shenzhou Crystal Technology

Table Shenzhou Crystal Technology Profile List

Table Microecological Modulator Operating Data of Shenzhou Crystal Technology (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

## 8.6 Tianjin Jingming Electronic Materials

Table Tianjin Jingming Electronic Materials Profile List

Table Microecological Modulator Operating Data of Tianjin Jingming Electronic Materials (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

## 8.7 Yunnan Germanium

Table Yunnan Germanium Profile List

Table Microecological Modulator Operating Data of Yunnan Germanium (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

## 8.8 DOWA Electronics Materials

Table DOWA Electronics Materials Profile List



Table Microecological Modulator Operating Data of DOWA Electronics Materials (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

8.9 II-VI Incorporated

Table II-VI Incorporated Profile List

Table Microecological Modulator Operating Data of II-VI Incorporated (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

8.10 IQE Corporation

Table IQE Corporation Profile List

Table Microecological Modulator Operating Data of IQE Corporation (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

## **9 CONCLUSION**

## List Of Tables

### LIST OF TABLES

Table Product Specifications of Gallium Arsenide Substrate  
Table Products Segment of Gallium Arsenide Substrate  
Table Global Gallium Arsenide Substrate Market by Type, 2016-2026 (USD Million)  
Table LEC Grown GaAs Overview  
Table VGF Grown GaAs Overview  
Table Others Overview  
Table Application Segment of Gallium Arsenide Substrate  
Table Global Gallium Arsenide Substrate Market by Application, 2016-2026 (USD Million)  
Table Wireless Communication Overview  
Table Optoelectronic Devices Overview  
Table Global Gallium Arsenide Substrate Market by Region, 2016-2026 (USD Million)  
Table Cost of Gallium Arsenide Substrate  
Table Market Dynamics  
Table Policy of Gallium Arsenide Substrate  
Table GDP of Major Countries  
Table Technology of Gallium Arsenide Substrate  
Table Market Entry of Gallium Arsenide Substrate  
Table LEC Grown GaAs CAGR by Revenue and Volume, 2016-2020  
Table VGF Grown GaAs CAGR by Revenue and Volume, 2016-2020  
Table Others CAGR by Revenue and Volume, 2016-2020  
Table LEC Grown GaAs CAGR by Revenue and Volume, 2016-2026  
Table VGF Grown GaAs CAGR by Revenue and Volume, 2016-2026  
Table Others CAGR by Revenue and Volume, 2016-2026  
Table Wireless Communication CAGR by Revenue and Volume, 2016-2020  
Table Optoelectronic Devices CAGR by Revenue and Volume, 2016-2020  
Table Wireless Communication CAGR by Revenue and Volume, 2021-2026  
Table Optoelectronic Devices CAGR by Revenue and Volume, 2021-2026  
Table Asia-Pacific CAGR by Revenue and Volume, 2016-2020  
Table North America CAGR by Revenue and Volume, 2016-2020  
Table Europe CAGR by Revenue and Volume, 2016-2020  
Table South America CAGR by Revenue and Volume, 2016-2020  
Table Middle East & Africa CAGR by Revenue and Volume, 2016-2020  
Table Asia-Pacific CAGR by Revenue and Volume, 2021-2026  
Table North America CAGR by Revenue and Volume, 2021-2026

Table Europe CAGR by Revenue and Volume, 2021-2026

Table South America CAGR by Revenue and Volume, 2021-2026

Table Middle East & Africa CAGR by Revenue and Volume, 2021-2026

Table Global Gallium Arsenide Substrate Market by Vendors, 2016-2020 (in Volume)

Table Global Gallium Arsenide Substrate Market Share by Vendors, 2016-2020 (USD Million)

Table Global Gallium Arsenide Substrate Market Share by Vendors, 2016-2020 (in Volume)

Table Price Factors List

Table Freiburger Compound Materials Profile List

Table Microecological Modulator Operating Data of Freiburger Compound Materials (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table AXT Profile List

Table Microecological Modulator Operating Data of AXT (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Sumitomo Electric Profile List

Table Microecological Modulator Operating Data of Sumitomo Electric (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table China Crystal Technologies Profile List

Table Microecological Modulator Operating Data of China Crystal Technologies (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Shenzhou Crystal Technology Profile List

Table Microecological Modulator Operating Data of Shenzhou Crystal Technology (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Tianjin Jingming Electronic Materials Profile List

Table Microecological Modulator Operating Data of Tianjin Jingming Electronic Materials (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Yunnan Germanium Profile List

Table Microecological Modulator Operating Data of Yunnan Germanium (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table DOWA Electronics Materials Profile List

Table Microecological Modulator Operating Data of DOWA Electronics Materials (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table II-VI Incorporated Profile List

Table Microecological Modulator Operating Data of II-VI Incorporated (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table IQE Corporation Profile List

Table Microecological Modulator Operating Data of IQE Corporation (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)



## List Of Figures

### LIST OF FIGURES

Figure Gallium Arsenide Substrate Picture

Figure Industry Chain Structure of Gallium Arsenide Substrate

Figure Manufacturing Process of Gallium Arsenide Substrate

Figure SWOT of Gallium Arsenide Substrate

Figure LEC Grown GaAs Market Size and Growth, 2016-2020 (USD Million)

Figure LEC Grown GaAs Market Size and Growth, 2016-2020 (in Volume)

Figure VGF Grown GaAs Market Size and Growth, 2016-2020 (USD Million)

Figure VGF Grown GaAs Market Size and Growth, 2016-2020 (in Volume)

Figure Others Market Size and Growth, 2016-2020 (USD Million)

Figure Others Market Size and Growth, 2016-2020 (in Volume)

Figure LEC Grown GaAs Market Estimates and Forecasts, 2021-2026 (USD Million)

Figure LEC Grown GaAs Market Estimates and Forecasts, 2021-2026 (in Volume)

Figure VGF Grown GaAs Market Estimates and Forecasts, 2021-2026 (USD Million)

Figure VGF Grown GaAs Market Estimates and Forecasts, 2021-2026 (in Volume)

Figure Others Market Estimates and Forecasts, 2021-2026 (USD Million)

Figure Others Market Estimates and Forecasts, 2021-2026 (in Volume)

Figure Wireless Communication Market Size and Growth, 2016-2020 (USD Million)

Figure Market Size and Growth, 2016-2020 (in Volume)

Figure Optoelectronic Devices Market Size and Growth, 2016-2020 (USD Million)

Figure Market Size and Growth, 2016-2020 (in Volume)

Figure Wireless Communication Market Estimates and Forecasts, 2021-2026 (USD Million)

Figure Wireless Communication Market Estimates and Forecasts, 2021-2026 (in Volume)

Figure Optoelectronic Devices Market Estimates and Forecasts, 2021-2026 (USD Million)

Figure Optoelectronic Devices Market Estimates and Forecasts, 2021-2026 (in Volume)

Figure Asia-Pacific Market Size and Growth, 2016-2020 (USD Million)

Figure Asia-Pacific Market Size and Growth, 2016-2020 (in Volume)

Figure Asia-Pacific Market Size by Type

Figure Asia-Pacific Market Share by Type

Figure Asia-Pacific Market Size by Application

Figure Asia-Pacific Market Share by Application

Figure North America Market Size and Growth, 2016-2020 (USD Million)

Figure North America Market Size and Growth, 2016-2020 (in Volume)

Figure North America Market Size by Type  
Figure North America Market Share by Type  
Figure North America Market Size by Application  
Figure North America Market Share by Application  
Figure Europe Market Size and Growth, 2016-2020 (USD Million)  
Figure Europe Market Size and Growth, 2016-2020 (in Volume)  
Figure Europe Market Size by Type  
Figure Europe Market Share by Type  
Figure Europe Market Size by Application  
Figure Europe Market Share by Application  
Figure South America Market Size and Growth, 2016-2020 (USD Million)  
Figure South America Market Size and Growth, 2016-2020 (in Volume)  
Figure South America Market Size by Type  
Figure South America Market Share by Type  
Figure South America Market Size by Application  
Figure South America Market Share by Application  
Figure Middle East & Africa Market Size and Growth, 2016-2020 (USD Million)  
Figure Middle East & Africa Market Size and Growth, 2016-2020 (in Volume)  
Figure Middle East & Africa Market Size by Type  
Figure Middle East & Africa Market Share by Type  
Figure Middle East & Africa Market Size by Application  
Figure Middle East & Africa Market Share by Application  
Figure Asia-Pacific Market Estimates and Forecasts, 2021-2026 (USD Million)  
Figure Asia-Pacific Market Estimates and Forecasts, 2021-2026 (in Volume)  
Figure North America Market Estimates and Forecasts, 2021-2026 (USD Million)  
Figure North America Market Estimates and Forecasts, 2021-2026 (in Volume)  
Figure Europe Market Estimates and Forecasts, 2021-2026 (USD Million)  
Figure Europe Market Estimates and Forecasts, 2021-2026 (in Volume)  
Figure South America Market Estimates and Forecasts, 2021-2026 (USD Million)  
Figure South America Market Estimates and Forecasts, 2021-2026 (in Volume)  
Figure Middle East & Africa Market Estimates and Forecasts, 2021-2026 (USD Million)  
Figure Middle East & Africa Market Estimates and Forecasts, 2021-2026 (in Volume)  
Figure Gallium Arsenide Substrate Market Concentration by Region  
Figure Marketing Channels Overview

## I would like to order

Product name: Global Gallium Arsenide Substrate Market Research Report 2016-2026

Product link: <https://marketpublishers.com/r/G3E7C952D510EN.html>

Price: US\$ 1,800.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G3E7C952D510EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970