

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Gallium Market 2018, Forecast to 2023

<https://marketpublishers.com/r/GCE92C86348EN.html>

Date: June 2018

Pages: 133

Price: US\$ 4,880.00 (Single User License)

ID: GCE92C86348EN

Abstracts

Gallium Arsenide (GaAs) is a compound semiconductor: a mixture of two elements, Gallium (Ga) and Arsenic (As). Gallium is a byproduct of the melting of other metals, notably aluminum and zinc, and is rarer than gold. Arsenic is not rare, but it is poisonous.

SCOPE OF THE REPORT:

This report focuses on the Gallium in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application. Gallium arsenide (GaAs) is a compound of the elements gallium and arsenic. It is a III-V direct bandgap semiconductor with a zinc blende crystal structure. Gallium arsenide is used in the manufacture of devices such as microwave frequency integrated circuits, monolithic microwave integrated circuits, infrared light-emitting diodes, laser diodes, solar cells and optical windows. In 2016, the global consumption volume of GaAs reached 48171K Square Inches.

For industry structure analysis, the GaAs industry is highly concentrated. A variety of manufacturers ranging from large multinational corporations to small privately-owned companies compete in this industry, but the top six producers account for more than 70% of the market. Regionally, China is the biggest production and consumption area of GaAs, also the leader in the whole industry. Europe, Japan and USA also produce large amount of GaAs per year.

Regionally, GaAs suppliers are concentrated in Europe, USA, China, Japan and Taiwan. Leading suppliers in this industry are Freiburger Compound Materials, AXT, Sumitomo Electric, China Crystal Technologies, and Shenzhou Crystal Technology.

GaAs can be classified based on its production method. In 2016, VGF Grown GaAs takes 62.93% share of global market, while LEC Grown GaAs takes share of 26.97%.

The worldwide market for Gallium is expected to grow at a CAGR of roughly 4.4% over the next five years, will reach 330 million US\$ in 2023, from 270 million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

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

Wafer Technology

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

LEC Grown GaAs

VGF Grown GaAs

Market Segment by Applications, can be divided into

Wireless Communication

Optoelectronic Devices

There are 15 Chapters to deeply display the global Gallium market.

Chapter 1, to describe Gallium Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Gallium, with sales, revenue, and price of Gallium, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Gallium, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Gallium market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Gallium sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

Contents

1 MARKET OVERVIEW

- 1.1 Gallium Introduction
- 1.2 Market Analysis by Type
 - 1.2.1 LEC Grown GaAs
 - 1.2.2 VGF Grown GaAs
- 1.3 Market Analysis by Applications
 - 1.3.1 Wireless Communication
 - 1.3.2 Optoelectronic Devices
- 1.4 Market Analysis by Regions
 - 1.4.1 North America (United States, Canada and Mexico)
 - 1.4.1.1 United States Market States and Outlook (2013-2023)
 - 1.4.1.2 Canada Market States and Outlook (2013-2023)
 - 1.4.1.3 Mexico Market States and Outlook (2013-2023)
 - 1.4.2 Europe (Germany, France, UK, Russia and Italy)
 - 1.4.2.1 Germany Market States and Outlook (2013-2023)
 - 1.4.2.2 France Market States and Outlook (2013-2023)
 - 1.4.2.3 UK Market States and Outlook (2013-2023)
 - 1.4.2.4 Russia Market States and Outlook (2013-2023)
 - 1.4.2.5 Italy Market States and Outlook (2013-2023)
 - 1.4.3 Asia-Pacific (China, Japan, Korea, India and Southeast Asia)
 - 1.4.3.1 China Market States and Outlook (2013-2023)
 - 1.4.3.2 Japan Market States and Outlook (2013-2023)
 - 1.4.3.3 Korea Market States and Outlook (2013-2023)
 - 1.4.3.4 India Market States and Outlook (2013-2023)
 - 1.4.3.5 Southeast Asia Market States and Outlook (2013-2023)
 - 1.4.4 South America, Middle East and Africa
 - 1.4.4.1 Brazil Market States and Outlook (2013-2023)
 - 1.4.4.2 Egypt Market States and Outlook (2013-2023)
 - 1.4.4.3 Saudi Arabia Market States and Outlook (2013-2023)
 - 1.4.4.4 South Africa Market States and Outlook (2013-2023)
 - 1.4.4.5 Nigeria Market States and Outlook (2013-2023)
- 1.5 Market Dynamics
 - 1.5.1 Market Opportunities
 - 1.5.2 Market Risk
 - 1.5.3 Market Driving Force

2 MANUFACTURERS PROFILES

2.1 Freiberger Compound Materials

2.1.1 Business Overview

2.1.1.1 Freiberger Compound Materials Description

2.1.1.2 Freiberger Compound Materials Headquarter, Main Business and Finance Overview

2.1.2 Freiberger Compound Materials Gallium Product Introduction

2.1.2.1 Gallium Production Bases, Sales Regions and Major Competitors

2.1.2.2 Gallium Product Information

2.1.3 Freiberger Compound Materials Gallium Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.1.3.1 Freiberger Compound Materials Gallium Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.1.3.2 Global Freiberger Compound Materials Gallium Market Share in 2017

2.2 AXT

2.2.1 Business Overview

2.2.1.1 AXT Description

2.2.1.2 AXT Headquarter, Main Business and Finance Overview

2.2.2 AXT Gallium Product Introduction

2.2.2.1 Gallium Production Bases, Sales Regions and Major Competitors

2.2.2.2 Gallium Product Information

2.2.3 AXT Gallium Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.2.3.1 AXT Gallium Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.2.3.2 Global AXT Gallium Market Share in 2017

2.3 Sumitomo Electric

2.3.1 Business Overview

2.3.1.1 Sumitomo Electric Description

2.3.1.2 Sumitomo Electric Headquarter, Main Business and Finance Overview

2.3.2 Sumitomo Electric Gallium Product Introduction

2.3.2.1 Gallium Production Bases, Sales Regions and Major Competitors

2.3.2.2 Gallium Product Information

2.3.3 Sumitomo Electric Gallium Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.3.3.1 Sumitomo Electric Gallium Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.3.3.2 Global Sumitomo Electric Gallium Market Share in 2017

2.4 China Crystal Technologies

2.4.1 Business Overview

2.4.1.1 China Crystal Technologies Description

2.4.1.2 China Crystal Technologies Headquarter, Main Business and Finance

Overview

2.4.2 China Crystal Technologies Gallium Product Introduction

2.4.2.1 Gallium Production Bases, Sales Regions and Major Competitors

2.4.2.2 Gallium Product Information

2.4.3 China Crystal Technologies Gallium Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.4.3.1 China Crystal Technologies Gallium Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.4.3.2 Global China Crystal Technologies Gallium Market Share in 2017

2.5 Shenzhou Crystal Technology

2.5.1 Business Overview

2.5.1.1 Shenzhou Crystal Technology Description

2.5.1.2 Shenzhou Crystal Technology Headquarter, Main Business and Finance

Overview

2.5.2 Shenzhou Crystal Technology Gallium Product Introduction

2.5.2.1 Gallium Production Bases, Sales Regions and Major Competitors

2.5.2.2 Gallium Product Information

2.5.3 Shenzhou Crystal Technology Gallium Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.5.3.1 Shenzhou Crystal Technology Gallium Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.5.3.2 Global Shenzhou Crystal Technology Gallium Market Share in 2017

2.6 Tianjin Jingming Electronic Materials

2.6.1 Business Overview

2.6.1.1 Tianjin Jingming Electronic Materials Description

2.6.1.2 Tianjin Jingming Electronic Materials Headquarter, Main Business and

Finance Overview

2.6.2 Tianjin Jingming Electronic Materials Gallium Product Introduction

2.6.2.1 Gallium Production Bases, Sales Regions and Major Competitors

2.6.2.2 Gallium Product Information

2.6.3 Tianjin Jingming Electronic Materials Gallium Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.6.3.1 Tianjin Jingming Electronic Materials Gallium Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.6.3.2 Global Tianjin Jingming Electronic Materials Gallium Market Share in 2017

2.7 Yunnan Germanium

2.7.1 Business Overview

2.7.1.1 Yunnan Germanium Description

2.7.1.2 Yunnan Germanium Headquarter, Main Business and Finance Overview

2.7.2 Yunnan Germanium Gallium Product Introduction

2.7.2.1 Gallium Production Bases, Sales Regions and Major Competitors

2.7.2.2 Gallium Product Information

2.7.3 Yunnan Germanium Gallium Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.7.3.1 Yunnan Germanium Gallium Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.7.3.2 Global Yunnan Germanium Gallium Market Share in 2017

2.8 DOWA Electronics Materials

2.8.1 Business Overview

2.8.1.1 DOWA Electronics Materials Description

2.8.1.2 DOWA Electronics Materials Headquarter, Main Business and Finance Overview

2.8.2 DOWA Electronics Materials Gallium Product Introduction

2.8.2.1 Gallium Production Bases, Sales Regions and Major Competitors

2.8.2.2 Gallium Product Information

2.8.3 DOWA Electronics Materials Gallium Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.8.3.1 DOWA Electronics Materials Gallium Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.8.3.2 Global DOWA Electronics Materials Gallium Market Share in 2017

2.9 II-VI Incorporated

2.9.1 Business Overview

2.9.1.1 II-VI Incorporated Description

2.9.1.2 II-VI Incorporated Headquarter, Main Business and Finance Overview

2.9.2 II-VI Incorporated Gallium Product Introduction

2.9.2.1 Gallium Production Bases, Sales Regions and Major Competitors

2.9.2.2 Gallium Product Information

2.9.3 II-VI Incorporated Gallium Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.9.3.1 II-VI Incorporated Gallium Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.9.3.2 Global II-VI Incorporated Gallium Market Share in 2017

2.10 IQE Corporation

2.10.1 Business Overview

- 2.10.1.1 IQE Corporation Description
- 2.10.1.2 IQE Corporation Headquarter, Main Business and Finance Overview
- 2.10.2 IQE Corporation Gallium Product Introduction
 - 2.10.2.1 Gallium Production Bases, Sales Regions and Major Competitors
 - 2.10.2.2 Gallium Product Information
- 2.10.3 IQE Corporation Gallium Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.10.3.1 IQE Corporation Gallium Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.10.3.2 Global IQE Corporation Gallium Market Share in 2017
- 2.11 Wafer Technology
 - 2.11.1 Business Overview
 - 2.11.2 Wafer Technology Gallium Product Introduction
 - 2.11.3 Wafer Technology Gallium Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

3 GLOBAL GALLIUM MARKET COMPETITION, BY MANUFACTURER

- 3.1 Global Gallium Sales and Market Share by Manufacturer (2016-2017)
- 3.2 Global Gallium Revenue and Market Share by Manufacturer (2016-2017)
- 3.3 Global Gallium Price by Manufacturer (2016-2017)
- 3.4 Market Concentration Rate
 - 3.4.1 Top 3 Gallium Manufacturer Market Share in 2017
 - 3.4.2 Top 5 Gallium Manufacturer Market Share in 2017
- 3.5 Market Competition Trend

4 GLOBAL GALLIUM MARKET ANALYSIS BY REGIONS

- 4.1 Global Gallium Sales, Revenue and Market Share by Regions
 - 4.1.1 Global Gallium Sales by Regions (2013-2018)
 - 4.1.2 Global Gallium Revenue by Regions (2013-2018)
- 4.2 North America Gallium Sales, Revenue and Growth Rate (2013-2018)
- 4.3 Europe Gallium Sales, Revenue and Growth Rate (2013-2018)
- 4.4 Asia-Pacific Gallium Sales, Revenue and Growth Rate (2013-2018)
- 4.5 South America Gallium Sales, Revenue and Growth Rate (2013-2018)
- 4.6 Middle East and Africa Gallium Sales, Revenue and Growth Rate (2013-2018)

5 NORTH AMERICA GALLIUM BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

- 5.1 North America Gallium Sales, Revenue and Market Share by Countries
 - 5.1.1 North America Gallium Sales by Countries (2013-2018)
 - 5.1.2 North America Gallium Revenue by Countries (2013-2018)
 - 5.1.3 United States Gallium Sales and Growth Rate (2013-2018)
 - 5.1.4 Canada Gallium Sales and Growth Rate (2013-2018)
 - 5.1.5 Mexico Gallium Sales and Growth Rate (2013-2018)
- 5.2 North America Gallium Sales and Revenue (Value) by Manufacturers (2016-2017)
 - 5.2.1 North America Gallium Sales by Manufacturers (2016-2017)
 - 5.2.2 North America Gallium Revenue by Manufacturers (2016-2017)
- 5.3 North America Gallium Sales, Revenue and Market Share by Type (2013-2018)
 - 5.3.1 North America Gallium Sales and Sales Share by Type (2013-2018)
 - 5.3.2 North America Gallium Revenue and Revenue Share by Type (2013-2018)
- 5.4 North America Gallium Sales, Revenue and Market Share by Application (2013-2018)
 - 5.4.1 North America Gallium Sales and Sales Share by Application (2013-2018)
 - 5.4.2 North America Gallium Revenue and Revenue Share by Application (2013-2018)

6 EUROPE GALLIUM BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

- 6.1 Europe Gallium Sales, Revenue and Market Share by Countries
 - 6.1.1 Europe Gallium Sales by Countries (2013-2018)
 - 6.1.2 Europe Gallium Revenue by Countries (2013-2018)
 - 6.1.3 Germany Gallium Sales and Growth Rate (2013-2018)
 - 6.1.4 UK Gallium Sales and Growth Rate (2013-2018)
 - 6.1.5 France Gallium Sales and Growth Rate (2013-2018)
 - 6.1.6 Russia Gallium Sales and Growth Rate (2013-2018)
 - 6.1.7 Italy Gallium Sales and Growth Rate (2013-2018)
- 6.2 Europe Gallium Sales and Revenue (Value) by Manufacturers (2016-2017)
 - 6.2.1 Europe Gallium Sales by Manufacturers (2016-2017)
 - 6.2.2 Europe Gallium Revenue by Manufacturers (2016-2017)
- 6.3 Europe Gallium Sales, Revenue and Market Share by Type (2013-2018)
 - 6.3.1 Europe Gallium Sales and Sales Share by Type (2013-2018)
 - 6.3.2 Europe Gallium Revenue and Revenue Share by Type (2013-2018)
- 6.4 Europe Gallium Sales, Revenue and Market Share by Application (2013-2018)
 - 6.4.1 Europe Gallium Sales and Sales Share by Application (2013-2018)
 - 6.4.2 Europe Gallium Revenue and Revenue Share by Application (2013-2018)

7 ASIA-PACIFIC GALLIUM BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

7.1 Asia-Pacific Gallium Sales, Revenue and Market Share by Countries

7.1.1 Asia-Pacific Gallium Sales by Countries (2013-2018)

7.1.2 Asia-Pacific Gallium Revenue by Countries (2013-2018)

7.1.3 China Gallium Sales and Growth Rate (2013-2018)

7.1.4 Japan Gallium Sales and Growth Rate (2013-2018)

7.1.5 Korea Gallium Sales and Growth Rate (2013-2018)

7.1.6 India Gallium Sales and Growth Rate (2013-2018)

7.1.7 Southeast Asia Gallium Sales and Growth Rate (2013-2018)

7.2 Asia-Pacific Gallium Sales and Revenue (Value) by Manufacturers (2016-2017)

7.2.1 Asia-Pacific Gallium Sales by Manufacturers (2016-2017)

7.2.2 Asia-Pacific Gallium Revenue by Manufacturers (2016-2017)

7.3 Asia-Pacific Gallium Sales, Revenue and Market Share by Type (2013-2018)

7.3.1 Asia-Pacific Gallium Sales and Sales Share by Type (2013-2018)

7.3.2 Asia-Pacific Gallium Revenue and Revenue Share by Type (2013-2018)

7.4 Asia-Pacific Gallium Sales, Revenue and Market Share by Application (2013-2018)

7.4.1 Asia-Pacific Gallium Sales and Sales Share by Application (2013-2018)

7.4.2 Asia-Pacific Gallium Revenue and Revenue Share by Application (2013-2018)

8 SOUTH AMERICA GALLIUM BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

8.1 South America Gallium Sales, Revenue and Market Share by Countries

8.1.1 South America Gallium Sales by Countries (2013-2018)

8.1.2 South America Gallium Revenue by Countries (2013-2018)

8.1.3 Brazil Gallium Sales and Growth Rate (2013-2018)

8.1.4 Argentina Gallium Sales and Growth Rate (2013-2018)

8.1.5 Colombia Gallium Sales and Growth Rate (2013-2018)

8.2 South America Gallium Sales and Revenue (Value) by Manufacturers (2016-2017)

8.2.1 South America Gallium Sales by Manufacturers (2016-2017)

8.2.2 South America Gallium Revenue by Manufacturers (2016-2017)

8.3 South America Gallium Sales, Revenue and Market Share by Type (2013-2018)

8.3.1 South America Gallium Sales and Sales Share by Type (2013-2018)

8.3.2 South America Gallium Revenue and Revenue Share by Type (2013-2018)

8.4 South America Gallium Sales, Revenue and Market Share by Application (2013-2018)

8.4.1 South America Gallium Sales and Sales Share by Application (2013-2018)

8.4.2 South America Gallium Revenue and Revenue Share by Application (2013-2018)

9 MIDDLE EAST AND AFRICA GALLIUM BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

9.1 Middle East and Africa Gallium Sales, Revenue and Market Share by Countries

9.1.1 Middle East and Africa Gallium Sales by Countries (2013-2018)

9.1.2 Middle East and Africa Gallium Revenue by Countries (2013-2018)

9.1.3 Saudi Arabia Gallium Sales and Growth Rate (2013-2018)

9.1.4 UAE Gallium Sales and Growth Rate (2013-2018)

9.1.5 Egypt Gallium Sales and Growth Rate (2013-2018)

9.1.6 Nigeria Gallium Sales and Growth Rate (2013-2018)

9.1.7 South Africa Gallium Sales and Growth Rate (2013-2018)

9.2 Middle East and Africa Gallium Sales and Revenue (Value) by Manufacturers (2016-2017)

9.2.1 Middle East and Africa Gallium Sales by Manufacturers (2016-2017)

9.2.2 Middle East and Africa Gallium Revenue by Manufacturers (2016-2017)

9.3 Middle East and Africa Gallium Sales, Revenue and Market Share by Type (2013-2018)

9.3.1 Middle East and Africa Gallium Sales and Sales Share by Type (2013-2018)

9.3.1 Middle East and Africa Gallium Revenue and Revenue Share by Type (2013-2018)

9.4 Middle East and Africa Gallium Sales, Revenue and Market Share by Application (2013-2018)

9.4.1 Middle East and Africa Gallium Sales and Sales Share by Application (2013-2018)

9.4.2 Middle East and Africa Gallium Revenue and Revenue Share by Application (2013-2018)

10 GLOBAL GALLIUM MARKET SEGMENT BY TYPE

10.1 Global Gallium Sales, Revenue and Market Share by Type (2013-2018)

10.1.1 Global Gallium Sales and Market Share by Type (2013-2018)

10.1.2 Global Gallium Revenue and Market Share by Type (2013-2018)

10.2 LEC Grown GaAs Sales Growth and Price

10.2.1 Global LEC Grown GaAs Sales Growth (2013-2018)

10.2.2 Global LEC Grown GaAs Price (2013-2018)

10.3 VGF Grown GaAs Sales Growth and Price

10.3.1 Global VGF Grown GaAs Sales Growth (2013-2018)

10.3.2 Global VGF Grown GaAs Price (2013-2018)

11 GLOBAL GALLIUM MARKET SEGMENT BY APPLICATION

11.1 Global Gallium Sales Market Share by Application (2013-2018)

11.2 Wireless Communication Sales Growth (2013-2018)

11.3 Optoelectronic Devices Sales Growth (2013-2018)

12 GALLIUM MARKET FORECAST (2018-2023)

12.1 Global Gallium Sales, Revenue and Growth Rate (2018-2023)

12.2 Gallium Market Forecast by Regions (2018-2023)

12.2.1 North America Gallium Market Forecast (2018-2023)

12.2.2 Europe Gallium Market Forecast (2018-2023)

12.2.3 Asia-Pacific Gallium Market Forecast (2018-2023)

12.2.4 South America Gallium Market Forecast (2018-2023)

12.2.5 Middle East and Africa Gallium Market Forecast (2018-2023)

12.3 Gallium Market Forecast by Type (2018-2023)

12.3.1 Global Gallium Sales Forecast by Type (2018-2023)

12.3.2 Global Gallium Market Share Forecast by Type (2018-2023)

12.4 Gallium Market Forecast by Application (2018-2023)

12.4.1 Global Gallium Sales Forecast by Application (2018-2023)

12.4.2 Global Gallium Market Share Forecast by Application (2018-2023)

13 SALES CHANNEL, DISTRIBUTORS, TRADERS AND DEALERS

13.1 Sales Channel

13.1.1 Direct Marketing

13.1.2 Indirect Marketing

13.1.3 Marketing Channel Future Trend

13.2 Distributors, Traders and Dealers

14 RESEARCH FINDINGS AND CONCLUSION

15 APPENDIX

15.1 Methodology

15.2 Data Source

List Of Tables

LIST OF TABLES AND FIGURES

Figure Gallium Picture

Table Product Specifications of Gallium

Figure Global Gallium CAGR (%), Y-o-Y Growth (&) and Market Size, 2013-2023 (USD Million)

Figure Global Gallium CAGR (%), Y-o-Y Growth (&) and Market Size, 2013-2023 (Sales)

Figure Global Sales Market Share of Gallium by Types in 2017

Figure LEC Grown GaAs Picture

Table Major Manufacturers of LEC Grown GaAs

Figure VGF Grown GaAs Picture

Table Major Manufacturers of VGF Grown GaAs

Figure Gallium Sales Market Share by Applications in 2017

Figure Wireless Communication Picture

Figure Optoelectronic Devices Picture

Figure United States Gallium Revenue (Value) and Growth Rate (2013-2023)

Figure Canada Gallium Revenue (Value) and Growth Rate (2013-2023)

Figure Mexico Gallium Revenue (Value) and Growth Rate (2013-2023)

Figure Germany Gallium Revenue (Value) and Growth Rate (2013-2023)

Figure France Gallium Revenue (Value) and Growth Rate (2013-2023)

Figure UK Gallium Revenue (Value) and Growth Rate (2013-2023)

Figure Russia Gallium Revenue (Value) and Growth Rate (2013-2023)

Figure Italy Gallium Revenue (Value) and Growth Rate (2013-2023)

Figure China Gallium Revenue (Value) and Growth Rate (2013-2023)

Figure Japan Gallium Revenue (Value) and Growth Rate (2013-2023)

Figure Korea Gallium Revenue (Value) and Growth Rate (2013-2023)

Figure India Gallium Revenue (Value) and Growth Rate (2013-2023)

Figure Southeast Asia Gallium Revenue (Value) and Growth Rate (2013-2023)

Figure Brazil Gallium Revenue (Value) and Growth Rate (2013-2023)

Figure Egypt Gallium Revenue (Value) and Growth Rate (2013-2023)

Figure Saudi Arabia Gallium Revenue (Value) and Growth Rate (2013-2023)

Figure South Africa Gallium Revenue (Value) and Growth Rate (2013-2023)

Figure Nigeria Gallium Revenue (Value) and Growth Rate (2013-2023)

Table Freiberger Compound Materials Headquarter, Established, Main Business and Finance Overview (2017)

Table Freiberger Compound Materials Gallium Production Bases, Sales Regions and

Major Competitors

Table Freiburger Compound Materials Gallium Product

Table Freiburger Compound Materials Gallium Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Freiburger Compound Materials Gallium Sales Market Share in 2017

Figure Global Freiburger Compound Materials Gallium Revenue Market Share in 2017

Table AXT Headquarter, Established, Main Business and Finance Overview (2017)

Table AXT Gallium Production Bases, Sales Regions and Major Competitors

Table AXT Gallium Product

Table AXT Gallium Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global AXT Gallium Sales Market Share in 2017

Figure Global AXT Gallium Revenue Market Share in 2017

Table Sumitomo Electric Headquarter, Established, Main Business and Finance Overview (2017)

Table Sumitomo Electric Gallium Production Bases, Sales Regions and Major Competitors

Table Sumitomo Electric Gallium Product

Table Sumitomo Electric Gallium Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Sumitomo Electric Gallium Sales Market Share in 2017

Figure Global Sumitomo Electric Gallium Revenue Market Share in 2017

Table China Crystal Technologies Headquarter, Established, Main Business and Finance Overview (2017)

Table China Crystal Technologies Gallium Production Bases, Sales Regions and Major Competitors

Table China Crystal Technologies Gallium Product

Table China Crystal Technologies Gallium Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global China Crystal Technologies Gallium Sales Market Share in 2017

Figure Global China Crystal Technologies Gallium Revenue Market Share in 2017

Table Shenzhou Crystal Technology Headquarter, Established, Main Business and Finance Overview (2017)

Table Shenzhou Crystal Technology Gallium Production Bases, Sales Regions and Major Competitors

Table Shenzhou Crystal Technology Gallium Product

Table Shenzhou Crystal Technology Gallium Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Shenzhou Crystal Technology Gallium Sales Market Share in 2017

Figure Global Shenzhou Crystal Technology Gallium Revenue Market Share in 2017
Table Tianjin Jingming Electronic Materials Headquarter, Established, Main Business and Finance Overview (2017)
Table Tianjin Jingming Electronic Materials Gallium Production Bases, Sales Regions and Major Competitors
Table Tianjin Jingming Electronic Materials Gallium Product
Table Tianjin Jingming Electronic Materials Gallium Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
Figure Global Tianjin Jingming Electronic Materials Gallium Sales Market Share in 2017
Figure Global Tianjin Jingming Electronic Materials Gallium Revenue Market Share in 2017
Table Yunnan Germanium Headquarter, Established, Main Business and Finance Overview (2017)
Table Yunnan Germanium Gallium Production Bases, Sales Regions and Major Competitors
Table Yunnan Germanium Gallium Product
Table Yunnan Germanium Gallium Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
Figure Global Yunnan Germanium Gallium Sales Market Share in 2017
Figure Global Yunnan Germanium Gallium Revenue Market Share in 2017
Table DOWA Electronics Materials Headquarter, Established, Main Business and Finance Overview (2017)
Table DOWA Electronics Materials Gallium Production Bases, Sales Regions and Major Competitors
Table DOWA Electronics Materials Gallium Product
Table DOWA Electronics Materials Gallium Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
Figure Global DOWA Electronics Materials Gallium Sales Market Share in 2017
Figure Global DOWA Electronics Materials Gallium Revenue Market Share in 2017
Table II-VI Incorporated Headquarter, Established, Main Business and Finance Overview (2017)
Table II-VI Incorporated Gallium Production Bases, Sales Regions and Major Competitors
Table II-VI Incorporated Gallium Product
Table II-VI Incorporated Gallium Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
Figure Global II-VI Incorporated Gallium Sales Market Share in 2017
Figure Global II-VI Incorporated Gallium Revenue Market Share in 2017
Table IQE Corporation Headquarter, Established, Main Business and Finance Overview

(2017)

Table IQE Corporation Gallium Production Bases, Sales Regions and Major Competitors

Table IQE Corporation Gallium Product

Table IQE Corporation Gallium Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global IQE Corporation Gallium Sales Market Share in 2017

Figure Global IQE Corporation Gallium Revenue Market Share in 2017

Table Wafer Technology

Table Wafer Technology Gallium

Table Global Gallium Sales by Manufacturer (2016-2017)

Figure Global Gallium Sales Market Share by Manufacturer in 2016

Figure Global Gallium Sales Market Share by Manufacturer in 2017

Table Global Gallium Revenue by Manufacturer (2016-2017)

Figure Global Gallium Revenue Market Share by Manufacturer in 2016

Figure Global Gallium Revenue Market Share by Manufacturer in 2017

Table Global Gallium Price by Manufacturer (2016-2017)

Figure Top 3 Gallium Manufacturer (Revenue) Market Share in 2017

Figure Top 6 Gallium Manufacturer (Revenue) Market Share in 2017

Figure Global Gallium Sales and Growth Rate (2013-2018)

Figure Global Gallium Revenue and Growth Rate (2013-2018)

Table Global Gallium Sales by Regions (2013-2018)

Table Global Gallium Sales Market Share by Regions (2013-2018)

Table Global Gallium Revenue by Regions (2013-2018)

Figure Global Gallium Revenue Market Share by Regions in 2013

Figure Global Gallium Revenue Market Share by Regions in 2017

Figure North America Gallium Sales and Growth Rate (2013-2018)

Figure North America Gallium Revenue and Growth Rate (2013-2018)

Figure Europe Gallium Sales and Growth Rate (2013-2018)

Figure Europe Gallium Revenue and Growth Rate (2013-2018)

Figure Asia-Pacific Gallium Sales and Growth Rate (2013-2018)

Figure Asia-Pacific Gallium Revenue and Growth Rate (2013-2018)

Figure South America Gallium Sales and Growth Rate (2013-2018)

Figure South America Gallium Revenue and Growth Rate (2013-2018)

Figure Middle East and Africa Gallium Sales and Growth Rate (2013-2018)

Figure Middle East and Africa Gallium Revenue and Growth Rate (2013-2018)

Figure North America Gallium Revenue and Growth Rate (2013-2018)

Table North America Gallium Sales by Countries (2013-2018)

Table North America Gallium Sales Market Share by Countries (2013-2018)

Figure North America Gallium Sales Market Share by Countries in 2013
Figure North America Gallium Sales Market Share by Countries in 2017
Table North America Gallium Revenue by Countries (2013-2018)
Table North America Gallium Revenue Market Share by Countries (2013-2018)
Figure North America Gallium Revenue Market Share by Countries in 2013
Figure North America Gallium Revenue Market Share by Countries in 2017
Figure United States Gallium Sales and Growth Rate (2013-2018)
Figure Canada Gallium Sales and Growth Rate (2013-2018)
Figure Mexico Gallium Sales and Growth Rate (2013-2018)
Table North America Gallium Sales by Manufacturer (2016-2017)
Figure North America Gallium Sales Market Share by Manufacturer in 2016
Figure North America Gallium Sales Market Share by Manufacturer in 2017
Table North America Gallium Revenue by Manufacturer (2016-2017)
Figure North America Gallium Revenue Market Share by Manufacturer in 2016
Figure North America Gallium Revenue Market Share by Manufacturer in 2017
Table North America Gallium Sales by Type (2013-2018)
Table North America Gallium Sales Share by Type (2013-2018)
Table North America Gallium Revenue by Type (2013-2018)
Table North America Gallium Revenue Share by Type (2013-2018)
Table North America Gallium Sales by Application (2013-2018)
Table North America Gallium Sales Share by Application (2013-2018)
Table North America Gallium Revenue by Application (2013-2018)
Table North America Gallium Revenue Share by Application (2013-2018)
Figure Europe Gallium Revenue and Growth Rate (2013-2018)
Table Europe Gallium Sales by Countries (2013-2018)
Table Europe Gallium Sales Market Share by Countries (2013-2018)
Table Europe Gallium Revenue by Countries (2013-2018)
Figure Europe Gallium Revenue Market Share by Countries in 2016
Figure Europe Gallium Revenue Market Share by Countries in 2017
Figure Germany Gallium Sales and Growth Rate (2013-2018)
Figure UK Gallium Sales and Growth Rate (2013-2018)
Figure France Gallium Sales and Growth Rate (2013-2018)
Figure Russia Gallium Sales and Growth Rate (2013-2018)
Figure Italy Gallium Sales and Growth Rate (2013-2018)
Table Europe Gallium Sales by Manufacturer (2016-2017)
Figure Europe Gallium Sales Market Share by Manufacturer in 2016
Figure Europe Gallium Sales Market Share by Manufacturer in 2017
Table Europe Gallium Revenue by Manufacturer (2016-2017)
Figure Europe Gallium Revenue Market Share by Manufacturer in 2016

Figure Europe Gallium Revenue Market Share by Manufacturer in 2017

Table Europe Gallium Sales by Type (2013-2018)

Table Europe Gallium Sales Share by Type (2013-2018)

Table Europe Gallium Revenue by Type (2013-2018)

Table Europe Gallium Revenue Share by Type (2013-2018)

Table Europe Gallium Sales by Application (2013-2018)

Table Europe Gallium Sales Share by Application (2013-2018)

Table Europe Gallium Revenue by Application (2013-2018)

Table Europe Gallium Revenue Share by Application (2013-2018)

Figure Asia-Pacific Gallium Revenue and Growth Rate (2013-2018)

Table Asia-Pacific Gallium Sales by Countries (2013-2018)

Table Asia-Pacific Gallium Sales Market Share by Countries (2013-2018)

Figure Asia-Pacific Gallium Sales Market Share by Countries 2017

Table Asia-Pacific Gallium Revenue by Countries (2013-2018)

Figure Asia-Pacific Gallium Revenue Market Share by Countries 2017

Figure China Gallium Sales and Growth Rate (2013-2018)

Figure Japan Gallium Sales and Growth Rate (2013-2018)

Figure Korea Gallium Sales and Growth Rate (2013-2018)

Figure India Gallium Sales and Growth Rate (2013-2018)

Figure Southeast Asia Gallium Sales and Growth Rate (2013-2018)

Table Asia-Pacific Gallium Sales by Manufacturer (2016-2017)

Figure Asia-Pacific Gallium Sales Market Share by Manufacturer in 2016

Figure Asia-Pacific Gallium Sales Market Share by Manufacturer in 2017

Table Asia-Pacific Gallium Revenue by Manufacturer (2016-2017)

Figure Asia-Pacific Gallium Revenue Market Share by Manufacturer in 2016

Figure Asia-Pacific Gallium Revenue Market Share by Manufacturer in 2017

Table Asia-Pacific Gallium Sales by Type (2013-2018)

Table Asia-Pacific Gallium Sales Share by Type (2013-2018)

Table Asia-Pacific Gallium Revenue by Type (2013-2018)

Table Asia-Pacific Gallium Revenue Share by Type (2013-2018)

Table Asia-Pacific Gallium Sales by Application (2013-2018)

Table Asia-Pacific Gallium Sales Share by Application (2013-2018)

Table Asia-Pacific Gallium Revenue by Application (2013-2018)

Table Asia-Pacific Gallium Revenue Share by Application (2013-2018)

Figure South America Gallium Revenue and Growth Rate (2013-2018)

Table South America Gallium Sales by Countries (2013-2018)

Table South America Gallium Sales Market Share by Countries (2013-2018)

Figure South America Gallium Sales Market Share by Countries in 2017

Table South America Gallium Revenue by Countries (2013-2018)

Table South America Gallium Revenue Market Share by Countries (2013-2018)
Figure South America Gallium Revenue Market Share by Countries in 2017
Figure Brazil Gallium Sales and Growth Rate (2013-2018)
Figure Argentina Gallium Sales and Growth Rate (2013-2018)
Figure Colombia Gallium Sales and Growth Rate (2013-2018)
Table South America Gallium Sales by Manufacturer (2016-2017)
Figure South America Gallium Sales Market Share by Manufacturer in 2016
Figure South America Gallium Sales Market Share by Manufacturer in 2017
Table South America Gallium Revenue by Manufacturer (2016-2017)
Figure South America Gallium Revenue Market Share by Manufacturer in 2016
Figure South America Gallium Revenue Market Share by Manufacturer in 2017
Table South America Gallium Sales by Type (2013-2018)
Table South America Gallium Sales Share by Type (2013-2018)
Table South America Gallium Revenue by Type (2013-2018)
Table South America Gallium Revenue Share by Type (2013-2018)
Table South America Gallium Sales by Application (2013-2018)
Table South America Gallium Sales Share by Application (2013-2018)
Table South America Gallium Revenue by Application (2013-2018)
Table South America Gallium Revenue Share by Application (2013-2018)
Figure Middle East and Africa Gallium Revenue and Growth Rate (2013-2018)
Table Middle East and Africa Gallium Sales by Countries (2013-2018)
Table Middle East and Africa Gallium Sales Market Share by Countries (2013-2018)
Figure Middle East and Africa Gallium Sales Market Share by Countries in 2017
Table Middle East and Africa Gallium Revenue by Countries (2013-2018)
Table Middle East and Africa Gallium Revenue Market Share by Countries (2013-2018)
Figure Middle East and Africa Gallium Revenue Market Share by Countries in 2013
Figure Middle East and Africa Gallium Revenue Market Share by Countries in 2017
Figure Saudi Arabia Gallium Sales and Growth Rate (2013-2018)
Figure UAE Gallium Sales and Growth Rate (2013-2018)
Figure Egypt Gallium Sales and Growth Rate (2013-2018)
Figure Nigeria Gallium Sales and Growth Rate (2013-2018)
Figure South Africa Gallium Sales and Growth Rate (2013-2018)
Table Middle East and Africa Gallium Sales by Manufacturer (2016-2017)
Figure Middle East and Africa Gallium Sales Market Share by Manufacturer in 2016
Figure Middle East and Africa Gallium Sales Market Share by Manufacturer in 2017
Table Middle East and Africa Gallium Revenue by Manufacturer (2016-2017)
Figure Middle East and Africa Gallium Revenue Market Share by Manufacturer in 2016
Figure Middle East and Africa Gallium Revenue Market Share by Manufacturer in 2017
Table Middle East and Africa Gallium Sales by Type (2013-2018)

Table Middle East and Africa Gallium Sales Share by Type (2013-2018)
Table Middle East and Africa Gallium Revenue by Type (2013-2018)
Table Middle East and Africa Gallium Revenue Share by Type (2013-2018)
Table Middle East and Africa Gallium Sales by Application (2013-2018)
Table Middle East and Africa Gallium Sales Share by Application (2013-2018)
Table Middle East and Africa Gallium Revenue by Application (2013-2018)
Table Middle East and Africa Gallium Revenue Share by Application (2013-2018)
Table Global Gallium Sales by Type (2013-2018)
Table Global Gallium Sales Share by Type (2013-2018)
Table Global Gallium Revenue by Type (2013-2018)
Table Global Gallium Revenue Share by Type (2013-2018)
Figure Global LEC Grown GaAs Sales Growth (2013-2018)
Figure Global LEC Grown GaAs Price (2013-2018)
Figure Global VGF Grown GaAs Sales Growth (2013-2018)
Figure Global VGF Grown GaAs Price (2013-2018)
Table Global Gallium Sales by Application (2013-2018)
Table Global Gallium Sales Share by Application (2013-2018)
Figure Global Wireless Communication Sales Growth (2013-2018)
Figure Global Optoelectronic Devices Sales Growth (2013-2018)
Figure Global Gallium Sales, Revenue and Growth Rate (2018-2023)
Table Global Gallium Sales Forecast by Regions (2018-2023)
Table Global Gallium Market Share Forecast by Regions (2018-2023)
Figure North America Sales Gallium Market Forecast (2018-2023)
Figure Europe Sales Gallium Market Forecast (2018-2023)
Figure Asia-Pacific Sales Gallium Market Forecast (2018-2023)
Figure South America Sales Gallium Market Forecast (2018-2023)
Figure Middle East and Africa Sales Gallium Market Forecast (2018-2023)
Table Global Gallium Sales Forecast by Type (2018-2023)
Table Global Gallium Market Share Forecast by Type (2018-2023)
Table Global Gallium Sales Forecast by Application (2018-2023)
Table Global Gallium Market Share Forecast by Application (2018-2023)
Table Distributors/Traders/ Dealers List

I would like to order

Product name: Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa)
Gallium Market 2018, Forecast to 2023

Product link: <https://marketpublishers.com/r/GCE92C86348EN.html>

Price: US\$ 4,880.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GCE92C86348EN.html>