

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

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## Abstracts

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.

### SCOPE OF THE REPORT:

This report focuses on the Gallium Arsenide Wafers 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.

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 Freiberger Compound Materials, AXT, Sumitomo Electric, China Crystal Technologies, and Shenzhou Crystal Technology.

The worldwide market for Gallium Arsenide Wafers is expected to grow at a CAGR of roughly xx% over the next five years, will reach xx million US\$ in 2023, from xx 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

*Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Gallium Arsenide Wafers Ma...*

LEC Grown GaAs

VGF Grown GaAs

Other

Market Segment by Applications, can be divided into

Wireless Communication

Optoelectronic Devices

Other

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

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

Chapter 2, to analyze the top manufacturers of Gallium Arsenide Wafers, with sales, revenue, and price of Gallium Arsenide Wafers, 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 Arsenide Wafers, 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 Arsenide Wafers market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

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

## Contents

### 1 MARKET OVERVIEW

- 1.1 Gallium Arsenide Wafers Introduction
- 1.2 Market Analysis by Type
  - 1.2.1 LEC Grown GaAs
  - 1.2.2 VGF Grown GaAs
  - 1.2.3 Other
- 1.3 Market Analysis by Applications
  - 1.3.1 Wireless Communication
  - 1.3.2 Optoelectronic Devices
  - 1.3.3 Other
- 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 Arsenide Wafers Product Introduction

##### 2.1.2.1 Gallium Arsenide Wafers Production Bases, Sales Regions and Major Competitors

##### 2.1.2.2 Gallium Arsenide Wafers Product Information

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

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

##### 2.1.3.2 Global Freiberger Compound Materials Gallium Arsenide Wafers 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 Arsenide Wafers Product Introduction

##### 2.2.2.1 Gallium Arsenide Wafers Production Bases, Sales Regions and Major Competitors

##### 2.2.2.2 Gallium Arsenide Wafers Product Information

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

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

##### 2.2.3.2 Global AXT Gallium Arsenide Wafers 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 Arsenide Wafers Product Introduction

##### 2.3.2.1 Gallium Arsenide Wafers Production Bases, Sales Regions and Major Competitors

- 2.3.2.2 Gallium Arsenide Wafers Product Information
- 2.3.3 Sumitomo Electric Gallium Arsenide Wafers Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
  - 2.3.3.1 Sumitomo Electric Gallium Arsenide Wafers Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
  - 2.3.3.2 Global Sumitomo Electric Gallium Arsenide Wafers 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 Arsenide Wafers Product Introduction
    - 2.4.2.1 Gallium Arsenide Wafers Production Bases, Sales Regions and Major Competitors
    - 2.4.2.2 Gallium Arsenide Wafers Product Information
  - 2.4.3 China Crystal Technologies Gallium Arsenide Wafers Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
    - 2.4.3.1 China Crystal Technologies Gallium Arsenide Wafers Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
    - 2.4.3.2 Global China Crystal Technologies Gallium Arsenide Wafers 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 Arsenide Wafers Product Introduction
    - 2.5.2.1 Gallium Arsenide Wafers Production Bases, Sales Regions and Major Competitors
    - 2.5.2.2 Gallium Arsenide Wafers Product Information
  - 2.5.3 Shenzhou Crystal Technology Gallium Arsenide Wafers Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
    - 2.5.3.1 Shenzhou Crystal Technology Gallium Arsenide Wafers Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
    - 2.5.3.2 Global Shenzhou Crystal Technology Gallium Arsenide Wafers 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 Arsenide Wafers Product Introduction

2.6.2.1 Gallium Arsenide Wafers Production Bases, Sales Regions and Major Competitors

2.6.2.2 Gallium Arsenide Wafers Product Information

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

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

2.6.3.2 Global Tianjin Jingming Electronic Materials Gallium Arsenide Wafers 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 Arsenide Wafers Product Introduction

2.7.2.1 Gallium Arsenide Wafers Production Bases, Sales Regions and Major Competitors

2.7.2.2 Gallium Arsenide Wafers Product Information

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

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

2.7.3.2 Global Yunnan Germanium Gallium Arsenide Wafers 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 Arsenide Wafers Product Introduction

2.8.2.1 Gallium Arsenide Wafers Production Bases, Sales Regions and Major Competitors

2.8.2.2 Gallium Arsenide Wafers Product Information

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

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



2.8.3.2 Global DOWA Electronics Materials Gallium Arsenide Wafers 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 Arsenide Wafers Product Introduction

2.9.2.1 Gallium Arsenide Wafers Production Bases, Sales Regions and Major Competitors

2.9.2.2 Gallium Arsenide Wafers Product Information

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

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

2.9.3.2 Global II-VI Incorporated Gallium Arsenide Wafers 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 Arsenide Wafers Product Introduction

2.10.2.1 Gallium Arsenide Wafers Production Bases, Sales Regions and Major Competitors

2.10.2.2 Gallium Arsenide Wafers Product Information

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

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

2.10.3.2 Global IQE Corporation Gallium Arsenide Wafers Market Share in 2017

2.11 Wafer Technology

2.11.1 Business Overview

2.11.2 Wafer Technology Gallium Arsenide Wafers Product Introduction

2.11.3 Wafer Technology Gallium Arsenide Wafers Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

### **3 GLOBAL GALLIUM ARSENIDE WAFERS MARKET COMPETITION, BY MANUFACTURER**

3.1 Global Gallium Arsenide Wafers Sales and Market Share by Manufacturer (2016-2017)

3.2 Global Gallium Arsenide Wafers Revenue and Market Share by Manufacturer (2016-2017)

3.3 Global Gallium Arsenide Wafers Price by Manufacturer (2016-2017)

3.4 Market Concentration Rate

3.4.1 Top 3 Gallium Arsenide Wafers Manufacturer Market Share in 2017

3.4.2 Top 5 Gallium Arsenide Wafers Manufacturer Market Share in 2017

3.5 Market Competition Trend

## **4 GLOBAL GALLIUM ARSENIDE WAFERS MARKET ANALYSIS BY REGIONS**

4.1 Global Gallium Arsenide Wafers Sales, Revenue and Market Share by Regions

4.1.1 Global Gallium Arsenide Wafers Sales by Regions (2013-2018)

4.1.2 Global Gallium Arsenide Wafers Revenue by Regions (2013-2018)

4.2 North America Gallium Arsenide Wafers Sales, Revenue and Growth Rate (2013-2018)

4.3 Europe Gallium Arsenide Wafers Sales, Revenue and Growth Rate (2013-2018)

4.4 Asia-Pacific Gallium Arsenide Wafers Sales, Revenue and Growth Rate (2013-2018)

4.5 South America Gallium Arsenide Wafers Sales, Revenue and Growth Rate (2013-2018)

4.6 Middle East and Africa Gallium Arsenide Wafers Sales, Revenue and Growth Rate (2013-2018)

## **5 NORTH AMERICA GALLIUM ARSENIDE WAFERS BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS**

5.1 North America Gallium Arsenide Wafers Sales, Revenue and Market Share by Countries

5.1.1 North America Gallium Arsenide Wafers Sales by Countries (2013-2018)

5.1.2 North America Gallium Arsenide Wafers Revenue by Countries (2013-2018)

5.1.3 United States Gallium Arsenide Wafers Sales and Growth Rate (2013-2018)

5.1.4 Canada Gallium Arsenide Wafers Sales and Growth Rate (2013-2018)

5.1.5 Mexico Gallium Arsenide Wafers Sales and Growth Rate (2013-2018)

5.2 North America Gallium Arsenide Wafers Sales and Revenue (Value) by Manufacturers (2016-2017)

5.2.1 North America Gallium Arsenide Wafers Sales by Manufacturers (2016-2017)

5.2.2 North America Gallium Arsenide Wafers Revenue by Manufacturers (2016-2017)

5.3 North America Gallium Arsenide Wafers Sales, Revenue and Market Share by Type (2013-2018)

5.3.1 North America Gallium Arsenide Wafers Sales and Sales Share by Type (2013-2018)

5.3.2 North America Gallium Arsenide Wafers Revenue and Revenue Share by Type (2013-2018)

5.4 North America Gallium Arsenide Wafers Sales, Revenue and Market Share by Application (2013-2018)

5.4.1 North America Gallium Arsenide Wafers Sales and Sales Share by Application (2013-2018)

5.4.2 North America Gallium Arsenide Wafers Revenue and Revenue Share by Application (2013-2018)

## **6 EUROPE GALLIUM ARSENIDE WAFERS BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS**

6.1 Europe Gallium Arsenide Wafers Sales, Revenue and Market Share by Countries

6.1.1 Europe Gallium Arsenide Wafers Sales by Countries (2013-2018)

6.1.2 Europe Gallium Arsenide Wafers Revenue by Countries (2013-2018)

6.1.3 Germany Gallium Arsenide Wafers Sales and Growth Rate (2013-2018)

6.1.4 UK Gallium Arsenide Wafers Sales and Growth Rate (2013-2018)

6.1.5 France Gallium Arsenide Wafers Sales and Growth Rate (2013-2018)

6.1.6 Russia Gallium Arsenide Wafers Sales and Growth Rate (2013-2018)

6.1.7 Italy Gallium Arsenide Wafers Sales and Growth Rate (2013-2018)

6.2 Europe Gallium Arsenide Wafers Sales and Revenue (Value) by Manufacturers (2016-2017)

6.2.1 Europe Gallium Arsenide Wafers Sales by Manufacturers (2016-2017)

6.2.2 Europe Gallium Arsenide Wafers Revenue by Manufacturers (2016-2017)

6.3 Europe Gallium Arsenide Wafers Sales, Revenue and Market Share by Type (2013-2018)

6.3.1 Europe Gallium Arsenide Wafers Sales and Sales Share by Type (2013-2018)

6.3.2 Europe Gallium Arsenide Wafers Revenue and Revenue Share by Type (2013-2018)

6.4 Europe Gallium Arsenide Wafers Sales, Revenue and Market Share by Application (2013-2018)

6.4.1 Europe Gallium Arsenide Wafers Sales and Sales Share by Application (2013-2018)

6.4.2 Europe Gallium Arsenide Wafers Revenue and Revenue Share by Application (2013-2018)

## **7 ASIA-PACIFIC GALLIUM ARSENIDE WAFERS BY COUNTRIES, TYPE,**

## **APPLICATION AND MANUFACTURERS**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

## **8 SOUTH AMERICA GALLIUM ARSENIIDE WAFERS BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS**

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

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

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

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

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

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

### 8.2 South America Gallium Arsenide Wafers Sales and Revenue (Value) by

## Manufacturers (2016-2017)

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

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

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

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

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

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

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

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

## **9 MIDDLE EAST AND AFRICA GALLIUM ARSENIDE WAFERS BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

## **10 GLOBAL GALLIUM ARSENIDE WAFERS MARKET SEGMENT BY TYPE**

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

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

10.1.2 Global Gallium Arsenide Wafers 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)

10.4 Other Sales Growth and Price

10.4.1 Global Other Sales Growth (2013-2018)

10.4.2 Global Other Price (2013-2018)

## **11 GLOBAL GALLIUM ARSENIDE WAFERS MARKET SEGMENT BY APPLICATION**

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

11.2 Wireless Communication Sales Growth (2013-2018)

11.3 Optoelectronic Devices Sales Growth (2013-2018)

11.4 Other Sales Growth (2013-2018)

## **12 GALLIUM ARSENIDE WAFERS MARKET FORECAST (2018-2023)**

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

12.2 Gallium Arsenide Wafers Market Forecast by Regions (2018-2023)

12.2.1 North America Gallium Arsenide Wafers Market Forecast (2018-2023)



- 12.2.2 Europe Gallium Arsenide Wafers Market Forecast (2018-2023)
- 12.2.3 Asia-Pacific Gallium Arsenide Wafers Market Forecast (2018-2023)
- 12.2.4 South America Gallium Arsenide Wafers Market Forecast (2018-2023)
- 12.2.5 Middle East and Africa Gallium Arsenide Wafers Market Forecast (2018-2023)
- 12.3 Gallium Arsenide Wafers Market Forecast by Type (2018-2023)
  - 12.3.1 Global Gallium Arsenide Wafers Sales Forecast by Type (2018-2023)
  - 12.3.2 Global Gallium Arsenide Wafers Market Share Forecast by Type (2018-2023)
- 12.4 Gallium Arsenide Wafers Market Forecast by Application (2018-2023)
  - 12.4.1 Global Gallium Arsenide Wafers Sales Forecast by Application (2018-2023)
  - 12.4.2 Global Gallium Arsenide Wafers 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 Arsenide Wafers Picture

Table Product Specifications of Gallium Arsenide Wafers

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

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

Figure Global Sales Market Share of Gallium Arsenide Wafers 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 Other Picture

Table Major Manufacturers of Other

Figure Gallium Arsenide Wafers Sales Market Share by Applications in 2017

Figure Wireless Communication Picture

Figure Optoelectronic Devices Picture

Figure Other Picture

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

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

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

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

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

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

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

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

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

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

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

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

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

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



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

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

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

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

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

Table Freiberger Compound Materials Gallium Arsenide Wafers Production Bases, Sales Regions and Major Competitors

Table Freiberger Compound Materials Gallium Arsenide Wafers Product

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

Figure Global Freiberger Compound Materials Gallium Arsenide Wafers Sales Market Share in 2017

Figure Global Freiberger Compound Materials Gallium Arsenide Wafers Revenue Market Share in 2017

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

Table AXT Gallium Arsenide Wafers Production Bases, Sales Regions and Major Competitors

Table AXT Gallium Arsenide Wafers Product

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

Figure Global AXT Gallium Arsenide Wafers Sales Market Share in 2017

Figure Global AXT Gallium Arsenide Wafers Revenue Market Share in 2017

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

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

Table Sumitomo Electric Gallium Arsenide Wafers Product

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

Figure Global Sumitomo Electric Gallium Arsenide Wafers Sales Market Share in 2017

Figure Global Sumitomo Electric Gallium Arsenide Wafers Revenue Market Share in 2017

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

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

Table China Crystal Technologies Gallium Arsenide Wafers Product

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

Figure Global China Crystal Technologies Gallium Arsenide Wafers Sales Market Share in 2017

Figure Global China Crystal Technologies Gallium Arsenide Wafers Revenue Market Share in 2017

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

Table Shenzhen Crystal Technology Gallium Arsenide Wafers Production Bases, Sales Regions and Major Competitors

Table Shenzhen Crystal Technology Gallium Arsenide Wafers Product

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

Figure Global Shenzhen Crystal Technology Gallium Arsenide Wafers Sales Market Share in 2017

Figure Global Shenzhen Crystal Technology Gallium Arsenide Wafers Revenue Market Share in 2017

Table Tianjin Jingming Electronic Materials Headquarter, Established, Main Business and Finance Overview (2017)

Table Tianjin Jingming Electronic Materials Gallium Arsenide Wafers Production Bases, Sales Regions and Major Competitors

Table Tianjin Jingming Electronic Materials Gallium Arsenide Wafers Product

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

Figure Global Tianjin Jingming Electronic Materials Gallium Arsenide Wafers Sales Market Share in 2017

Figure Global Tianjin Jingming Electronic Materials Gallium Arsenide Wafers Revenue Market Share in 2017

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

Table Yunnan Germanium Gallium Arsenide Wafers Production Bases, Sales Regions and Major Competitors

Table Yunnan Germanium Gallium Arsenide Wafers Product

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

Figure Global Yunnan Germanium Gallium Arsenide Wafers Sales Market Share in 2017

Figure Global Yunnan Germanium Gallium Arsenide Wafers Revenue Market Share in

2017

Table DOWA Electronics Materials Headquarter, Established, Main Business and Finance Overview (2017)

Table DOWA Electronics Materials Gallium Arsenide Wafers Production Bases, Sales Regions and Major Competitors

Table DOWA Electronics Materials Gallium Arsenide Wafers Product

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

Figure Global DOWA Electronics Materials Gallium Arsenide Wafers Sales Market Share in 2017

Figure Global DOWA Electronics Materials Gallium Arsenide Wafers Revenue Market Share in 2017

Table II-VI Incorporated Headquarter, Established, Main Business and Finance Overview (2017)

Table II-VI Incorporated Gallium Arsenide Wafers Production Bases, Sales Regions and Major Competitors

Table II-VI Incorporated Gallium Arsenide Wafers Product

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

Figure Global II-VI Incorporated Gallium Arsenide Wafers Sales Market Share in 2017

Figure Global II-VI Incorporated Gallium Arsenide Wafers Revenue Market Share in 2017

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

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

Table IQE Corporation Gallium Arsenide Wafers Product

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

Figure Global IQE Corporation Gallium Arsenide Wafers Sales Market Share in 2017

Figure Global IQE Corporation Gallium Arsenide Wafers Revenue Market Share in 2017

Table Wafer Technology

Table Wafer Technology Gallium Arsenide Wafers

Table Global Gallium Arsenide Wafers Sales by Manufacturer (2016-2017)

Figure Global Gallium Arsenide Wafers Sales Market Share by Manufacturer in 2016

Figure Global Gallium Arsenide Wafers Sales Market Share by Manufacturer in 2017

Table Global Gallium Arsenide Wafers Revenue by Manufacturer (2016-2017)

Figure Global Gallium Arsenide Wafers Revenue Market Share by Manufacturer in 2016

Figure Global Gallium Arsenide Wafers Revenue Market Share by Manufacturer in 2017

Table Global Gallium Arsenide Wafers Price by Manufacturer (2016-2017)  
Figure Top 3 Gallium Arsenide Wafers Manufacturer (Revenue) Market Share in 2017  
Figure Top 6 Gallium Arsenide Wafers Manufacturer (Revenue) Market Share in 2017  
Figure Global Gallium Arsenide Wafers Sales and Growth Rate (2013-2018)  
Figure Global Gallium Arsenide Wafers Revenue and Growth Rate (2013-2018)  
Table Global Gallium Arsenide Wafers Sales by Regions (2013-2018)  
Table Global Gallium Arsenide Wafers Sales Market Share by Regions (2013-2018)  
Table Global Gallium Arsenide Wafers Revenue by Regions (2013-2018)  
Figure Global Gallium Arsenide Wafers Revenue Market Share by Regions in 2013  
Figure Global Gallium Arsenide Wafers Revenue Market Share by Regions in 2017  
Figure North America Gallium Arsenide Wafers Sales and Growth Rate (2013-2018)  
Figure North America Gallium Arsenide Wafers Revenue and Growth Rate (2013-2018)  
Figure Europe Gallium Arsenide Wafers Sales and Growth Rate (2013-2018)  
Figure Europe Gallium Arsenide Wafers Revenue and Growth Rate (2013-2018)  
Figure Asia-Pacific Gallium Arsenide Wafers Sales and Growth Rate (2013-2018)  
Figure Asia-Pacific Gallium Arsenide Wafers Revenue and Growth Rate (2013-2018)  
Figure South America Gallium Arsenide Wafers Sales and Growth Rate (2013-2018)  
Figure South America Gallium Arsenide Wafers Revenue and Growth Rate (2013-2018)  
Figure Middle East and Africa Gallium Arsenide Wafers Sales and Growth Rate (2013-2018)  
Figure Middle East and Africa Gallium Arsenide Wafers Revenue and Growth Rate (2013-2018)  
Figure North America Gallium Arsenide Wafers Revenue and Growth Rate (2013-2018)  
Table North America Gallium Arsenide Wafers Sales by Countries (2013-2018)  
Table North America Gallium Arsenide Wafers Sales Market Share by Countries (2013-2018)  
Figure North America Gallium Arsenide Wafers Sales Market Share by Countries in 2013  
Figure North America Gallium Arsenide Wafers Sales Market Share by Countries in 2017  
Table North America Gallium Arsenide Wafers Revenue by Countries (2013-2018)  
Table North America Gallium Arsenide Wafers Revenue Market Share by Countries (2013-2018)  
Figure North America Gallium Arsenide Wafers Revenue Market Share by Countries in 2013  
Figure North America Gallium Arsenide Wafers Revenue Market Share by Countries in 2017  
Figure United States Gallium Arsenide Wafers Sales and Growth Rate (2013-2018)  
Figure Canada Gallium Arsenide Wafers Sales and Growth Rate (2013-2018)

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



Table Europe Gallium Arsenide Wafers Sales by Type (2013-2018)  
Table Europe Gallium Arsenide Wafers Sales Share by Type (2013-2018)  
Table Europe Gallium Arsenide Wafers Revenue by Type (2013-2018)  
Table Europe Gallium Arsenide Wafers Revenue Share by Type (2013-2018)  
Table Europe Gallium Arsenide Wafers Sales by Application (2013-2018)  
Table Europe Gallium Arsenide Wafers Sales Share by Application (2013-2018)  
Table Europe Gallium Arsenide Wafers Revenue by Application (2013-2018)  
Table Europe Gallium Arsenide Wafers Revenue Share by Application (2013-2018)  
Figure Asia-Pacific Gallium Arsenide Wafers Revenue and Growth Rate (2013-2018)  
Table Asia-Pacific Gallium Arsenide Wafers Sales by Countries (2013-2018)  
Table Asia-Pacific Gallium Arsenide Wafers Sales Market Share by Countries (2013-2018)  
Figure Asia-Pacific Gallium Arsenide Wafers Sales Market Share by Countries 2017  
Table Asia-Pacific Gallium Arsenide Wafers Revenue by Countries (2013-2018)  
Figure Asia-Pacific Gallium Arsenide Wafers Revenue Market Share by Countries 2017  
Figure China Gallium Arsenide Wafers Sales and Growth Rate (2013-2018)  
Figure Japan Gallium Arsenide Wafers Sales and Growth Rate (2013-2018)  
Figure Korea Gallium Arsenide Wafers Sales and Growth Rate (2013-2018)  
Figure India Gallium Arsenide Wafers Sales and Growth Rate (2013-2018)  
Figure Southeast Asia Gallium Arsenide Wafers Sales and Growth Rate (2013-2018)  
Table Asia-Pacific Gallium Arsenide Wafers Sales by Manufacturer (2016-2017)  
Figure Asia-Pacific Gallium Arsenide Wafers Sales Market Share by Manufacturer in 2016  
Figure Asia-Pacific Gallium Arsenide Wafers Sales Market Share by Manufacturer in 2017  
Table Asia-Pacific Gallium Arsenide Wafers Revenue by Manufacturer (2016-2017)  
Figure Asia-Pacific Gallium Arsenide Wafers Revenue Market Share by Manufacturer in 2016  
Figure Asia-Pacific Gallium Arsenide Wafers Revenue Market Share by Manufacturer in 2017  
Table Asia-Pacific Gallium Arsenide Wafers Sales by Type (2013-2018)  
Table Asia-Pacific Gallium Arsenide Wafers Sales Share by Type (2013-2018)  
Table Asia-Pacific Gallium Arsenide Wafers Revenue by Type (2013-2018)  
Table Asia-Pacific Gallium Arsenide Wafers Revenue Share by Type (2013-2018)  
Table Asia-Pacific Gallium Arsenide Wafers Sales by Application (2013-2018)  
Table Asia-Pacific Gallium Arsenide Wafers Sales Share by Application (2013-2018)  
Table Asia-Pacific Gallium Arsenide Wafers Revenue by Application (2013-2018)  
Table Asia-Pacific Gallium Arsenide Wafers Revenue Share by Application (2013-2018)  
Figure South America Gallium Arsenide Wafers Revenue and Growth Rate (2013-2018)

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

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

Figure South America Gallium Arsenide Wafers Sales Market Share by Countries in 2017

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

Table South America Gallium Arsenide Wafers Revenue Market Share by Countries (2013-2018)

Figure South America Gallium Arsenide Wafers Revenue Market Share by Countries in 2017

Figure Brazil Gallium Arsenide Wafers Sales and Growth Rate (2013-2018)

Figure Argentina Gallium Arsenide Wafers Sales and Growth Rate (2013-2018)

Figure Colombia Gallium Arsenide Wafers Sales and Growth Rate (2013-2018)

Table South America Gallium Arsenide Wafers Sales by Manufacturer (2016-2017)

Figure South America Gallium Arsenide Wafers Sales Market Share by Manufacturer in 2016

Figure South America Gallium Arsenide Wafers Sales Market Share by Manufacturer in 2017

Table South America Gallium Arsenide Wafers Revenue by Manufacturer (2016-2017)

Figure South America Gallium Arsenide Wafers Revenue Market Share by Manufacturer in 2016

Figure South America Gallium Arsenide Wafers Revenue Market Share by Manufacturer in 2017

Table South America Gallium Arsenide Wafers Sales by Type (2013-2018)

Table South America Gallium Arsenide Wafers Sales Share by Type (2013-2018)

Table South America Gallium Arsenide Wafers Revenue by Type (2013-2018)

Table South America Gallium Arsenide Wafers Revenue Share by Type (2013-2018)

Table South America Gallium Arsenide Wafers Sales by Application (2013-2018)

Table South America Gallium Arsenide Wafers Sales Share by Application (2013-2018)

Table South America Gallium Arsenide Wafers Revenue by Application (2013-2018)

Table South America Gallium Arsenide Wafers Revenue Share by Application (2013-2018)

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

Table Middle East and Africa Gallium Arsenide Wafers Sales by Countries (2013-2018)

Table Middle East and Africa Gallium Arsenide Wafers Sales Market Share by Countries (2013-2018)

Figure Middle East and Africa Gallium Arsenide Wafers Sales Market Share by Countries in 2017

Table Middle East and Africa Gallium Arsenide Wafers Revenue by Countries (2013-2018)

Table Middle East and Africa Gallium Arsenide Wafers Revenue Market Share by Countries (2013-2018)

Figure Middle East and Africa Gallium Arsenide Wafers Revenue Market Share by Countries in 2013

Figure Middle East and Africa Gallium Arsenide Wafers Revenue Market Share by Countries in 2017

Figure Saudi Arabia Gallium Arsenide Wafers Sales and Growth Rate (2013-2018)

Figure UAE Gallium Arsenide Wafers Sales and Growth Rate (2013-2018)

Figure Egypt Gallium Arsenide Wafers Sales and Growth Rate (2013-2018)

Figure Nigeria Gallium Arsenide Wafers Sales and Growth Rate (2013-2018)

Figure South Africa Gallium Arsenide Wafers Sales and Growth Rate (2013-2018)

Table Middle East and Africa Gallium Arsenide Wafers Sales by Manufacturer (2016-2017)

Figure Middle East and Africa Gallium Arsenide Wafers Sales Market Share by Manufacturer in 2016

Figure Middle East and Africa Gallium Arsenide Wafers Sales Market Share by Manufacturer in 2017

Table Middle East and Africa Gallium Arsenide Wafers Revenue by Manufacturer (2016-2017)

Figure Middle East and Africa Gallium Arsenide Wafers Revenue Market Share by Manufacturer in 2016

Figure Middle East and Africa Gallium Arsenide Wafers Revenue Market Share by Manufacturer in 2017

Table Middle East and Africa Gallium Arsenide Wafers Sales by Type (2013-2018)

Table Middle East and Africa Gallium Arsenide Wafers Sales Share by Type (2013-2018)

Table Middle East and Africa Gallium Arsenide Wafers Revenue by Type (2013-2018)

Table Middle East and Africa Gallium Arsenide Wafers Revenue Share by Type (2013-2018)

Table Middle East and Africa Gallium Arsenide Wafers Sales by Application (2013-2018)

Table Middle East and Africa Gallium Arsenide Wafers Sales Share by Application (2013-2018)

Table Middle East and Africa Gallium Arsenide Wafers Revenue by Application (2013-2018)

Table Middle East and Africa Gallium Arsenide Wafers Revenue Share by Application (2013-2018)



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

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