

# Global Compound Semiconductor Market Professional Survey Report 2018

https://marketpublishers.com/r/GE7F2912A61EN.html

Date: February 2018 Pages: 109 Price: US\$ 3,500.00 (Single User License) ID: GE7F2912A61EN

# Abstracts

This report studies Compound Semiconductor in Global market, especially in North America, China, Europe, Southeast Asia, Japan and India, with production, revenue, consumption, import and export in these regions, from 2013 to 2018, and forecast to 2025.

This report focuses on top manufacturers in global market, with production, price, revenue and market share for each manufacturer, covering

IQE PLC

Sumitomo Electric Industries

SCIOCS

Mitsubishi Chemical

San'an Optoelectronics

Dow Corning

Shin-Etsu Chemical

DOWA

Freiberger



JX Nippon Mining & Metals

On the basis of product, this report displays the production, revenue, price, market share and growth rate of each type, primarily split into

Gallium Arsenide (GaAs)

Gallium Nitride (GaN)

Silicon Carbide (SiC)

Others

By Application, the market can be split into

**Electronic Components** 

Photonic Device

**Optoelectronic Devices** 

**Integrated Circuit** 

By Regions, this report covers (we can add the regions/countries as you want)

North America

China

Europe

Southeast Asia

Japan

India



If you have any special requirements, please let us know and we will offer you the report as you want.



# Contents

Global Compound Semiconductor Market Professional Survey Report 2018

#### 1 INDUSTRY OVERVIEW OF COMPOUND SEMICONDUCTOR

- 1.1 Definition and Specifications of Compound Semiconductor
- 1.1.1 Definition of Compound Semiconductor
- 1.1.2 Specifications of Compound Semiconductor
- 1.2 Classification of Compound Semiconductor
- 1.2.1 Gallium Arsenide (GaAs)
- 1.2.2 Gallium Nitride (GaN)
- 1.2.3 Silicon Carbide (SiC)
- 1.2.4 Others
- 1.3 Applications of Compound Semiconductor
- 1.3.1 Electronic Components
- 1.3.2 Photonic Device
- 1.3.3 Optoelectronic Devices
- 1.3.4 Integrated Circuit
- 1.4 Market Segment by Regions
  - 1.4.1 North America
  - 1.4.2 China
  - 1.4.3 Europe
  - 1.4.4 Southeast Asia
  - 1.4.5 Japan
  - 1.4.6 India

#### 2 MANUFACTURING COST STRUCTURE ANALYSIS OF COMPOUND SEMICONDUCTOR

- 2.1 Raw Material and Suppliers
- 2.2 Manufacturing Cost Structure Analysis of Compound Semiconductor
- 2.3 Manufacturing Process Analysis of Compound Semiconductor
- 2.4 Industry Chain Structure of Compound Semiconductor

#### 3 TECHNICAL DATA AND MANUFACTURING PLANTS ANALYSIS OF COMPOUND SEMICONDUCTOR

3.1 Capacity and Commercial Production Date of Global Compound Semiconductor



Major Manufacturers in 2017

3.2 Manufacturing Plants Distribution of Global Compound Semiconductor Major Manufacturers in 2017

3.3 R&D Status and Technology Source of Global Compound Semiconductor Major Manufacturers in 2017

3.4 Raw Materials Sources Analysis of Global Compound Semiconductor Major Manufacturers in 2017

### 4 GLOBAL COMPOUND SEMICONDUCTOR OVERALL MARKET OVERVIEW

- 4.1 2013-2018E Overall Market Analysis
- 4.2 Capacity Analysis

4.2.1 2013-2018E Global Compound Semiconductor Capacity and Growth Rate Analysis

4.2.2 2017 Compound Semiconductor Capacity Analysis (Company Segment)4.3 Sales Analysis

4.3.1 2013-2018E Global Compound Semiconductor Sales and Growth Rate Analysis

- 4.3.2 2017 Compound Semiconductor Sales Analysis (Company Segment)
- 4.4 Sales Price Analysis
- 4.4.1 2013-2018E Global Compound Semiconductor Sales Price

4.4.2 2017 Compound Semiconductor Sales Price Analysis (Company Segment)

#### **5 COMPOUND SEMICONDUCTOR REGIONAL MARKET ANALYSIS**

5.1 North America Compound Semiconductor Market Analysis

5.1.1 North America Compound Semiconductor Market Overview

5.1.2 North America 2013-2018E Compound Semiconductor Local Supply, Import, Export, Local Consumption Analysis

- 5.1.3 North America 2013-2018E Compound Semiconductor Sales Price Analysis
- 5.1.4 North America 2017 Compound Semiconductor Market Share Analysis

5.2 China Compound Semiconductor Market Analysis

5.2.1 China Compound Semiconductor Market Overview

5.2.2 China 2013-2018E Compound Semiconductor Local Supply, Import, Export, Local Consumption Analysis

- 5.2.3 China 2013-2018E Compound Semiconductor Sales Price Analysis
- 5.2.4 China 2017 Compound Semiconductor Market Share Analysis

5.3 Europe Compound Semiconductor Market Analysis

5.3.1 Europe Compound Semiconductor Market Overview

5.3.2 Europe 2013-2018E Compound Semiconductor Local Supply, Import, Export,



Local Consumption Analysis

5.3.3 Europe 2013-2018E Compound Semiconductor Sales Price Analysis

5.3.4 Europe 2017 Compound Semiconductor Market Share Analysis

5.4 Southeast Asia Compound Semiconductor Market Analysis

5.4.1 Southeast Asia Compound Semiconductor Market Overview

5.4.2 Southeast Asia 2013-2018E Compound Semiconductor Local Supply, Import, Export, Local Consumption Analysis

5.4.3 Southeast Asia 2013-2018E Compound Semiconductor Sales Price Analysis

5.4.4 Southeast Asia 2017 Compound Semiconductor Market Share Analysis

5.5 Japan Compound Semiconductor Market Analysis

5.5.1 Japan Compound Semiconductor Market Overview

5.5.2 Japan 2013-2018E Compound Semiconductor Local Supply, Import, Export, Local Consumption Analysis

5.5.3 Japan 2013-2018E Compound Semiconductor Sales Price Analysis

5.5.4 Japan 2017 Compound Semiconductor Market Share Analysis

5.6 India Compound Semiconductor Market Analysis

5.6.1 India Compound Semiconductor Market Overview

5.6.2 India 2013-2018E Compound Semiconductor Local Supply, Import, Export, Local Consumption Analysis

5.6.3 India 2013-2018E Compound Semiconductor Sales Price Analysis

5.6.4 India 2017 Compound Semiconductor Market Share Analysis

# 6 GLOBAL 2013-2018E COMPOUND SEMICONDUCTOR SEGMENT MARKET ANALYSIS (BY TYPE)

6.1 Global 2013-2018E Compound Semiconductor Sales by Type

6.2 Different Types of Compound Semiconductor Product Interview Price Analysis

6.3 Different Types of Compound Semiconductor Product Driving Factors Analysis

6.3.1 Gallium Arsenide (GaAs) of Compound Semiconductor Growth Driving Factor Analysis

6.3.2 Gallium Nitride (GaN) of Compound Semiconductor Growth Driving Factor Analysis

6.3.3 Silicon Carbide (SiC) of Compound Semiconductor Growth Driving Factor Analysis

6.3.4 Others of Compound Semiconductor Growth Driving Factor Analysis

# 7 GLOBAL 2013-2018E COMPOUND SEMICONDUCTOR SEGMENT MARKET ANALYSIS (BY APPLICATION)



7.1 Global 2013-2018E Compound Semiconductor Consumption by Application

7.2 Different Application of Compound Semiconductor Product Interview Price Analysis

7.3 Different Application of Compound Semiconductor Product Driving Factors Analysis

7.3.1 Electronic Components of Compound Semiconductor Growth Driving Factor Analysis

7.3.2 Photonic Device of Compound Semiconductor Growth Driving Factor Analysis

7.3.3 Optoelectronic Devices of Compound Semiconductor Growth Driving Factor Analysis

7.3.4 Integrated Circuit of Compound Semiconductor Growth Driving Factor Analysis

#### 8 MAJOR MANUFACTURERS ANALYSIS OF COMPOUND SEMICONDUCTOR

8.1 IQE PLC

- 8.1.1 Company Profile
- 8.1.2 Product Picture and Specifications
- 8.1.2.1 Product A
- 8.1.2.2 Product B

8.1.3 IQE PLC 2017 Compound Semiconductor Sales, Ex-factory Price, Revenue,

Gross Margin Analysis

8.1.4 IQE PLC 2017 Compound Semiconductor Business Region Distribution Analysis

- 8.2 Sumitomo Electric Industries
  - 8.2.1 Company Profile
  - 8.2.2 Product Picture and Specifications
    - 8.2.2.1 Product A
    - 8.2.2.2 Product B

8.2.3 Sumitomo Electric Industries 2017 Compound Semiconductor Sales, Ex-factory Price, Revenue, Gross Margin Analysis

8.2.4 Sumitomo Electric Industries 2017 Compound Semiconductor Business Region Distribution Analysis

8.3 SCIOCS

- 8.3.1 Company Profile
- 8.3.2 Product Picture and Specifications
  - 8.3.2.1 Product A
  - 8.3.2.2 Product B

8.3.3 SCIOCS 2017 Compound Semiconductor Sales, Ex-factory Price, Revenue,

Gross Margin Analysis

8.3.4 SCIOCS 2017 Compound Semiconductor Business Region Distribution Analysis 8.4 Mitsubishi Chemical

8.4.1 Company Profile



8.4.2 Product Picture and Specifications

- 8.4.2.1 Product A
- 8.4.2.2 Product B

8.4.3 Mitsubishi Chemical 2017 Compound Semiconductor Sales, Ex-factory Price,

Revenue, Gross Margin Analysis

- 8.4.4 Mitsubishi Chemical 2017 Compound Semiconductor Business Region
- **Distribution Analysis**

8.5 San'an Optoelectronics

- 8.5.1 Company Profile
- 8.5.2 Product Picture and Specifications
- 8.5.2.1 Product A
- 8.5.2.2 Product B

8.5.3 San'an Optoelectronics 2017 Compound Semiconductor Sales, Ex-factory Price,

- Revenue, Gross Margin Analysis
- 8.5.4 San'an Optoelectronics 2017 Compound Semiconductor Business Region

Distribution Analysis

8.6 Dow Corning

- 8.6.1 Company Profile
- 8.6.2 Product Picture and Specifications

8.6.2.1 Product A

8.6.2.2 Product B

8.6.3 Dow Corning 2017 Compound Semiconductor Sales, Ex-factory Price, Revenue, Gross Margin Analysis

8.6.4 Dow Corning 2017 Compound Semiconductor Business Region Distribution

Analysis

8.7 Shin-Etsu Chemical

8.7.1 Company Profile

8.7.2 Product Picture and Specifications

8.7.2.1 Product A

8.7.2.2 Product B

8.7.3 Shin-Etsu Chemical 2017 Compound Semiconductor Sales, Ex-factory Price, Revenue, Gross Margin Analysis

8.7.4 Shin-Etsu Chemical 2017 Compound Semiconductor Business Region

**Distribution Analysis** 

8.8 DOWA

8.8.1 Company Profile

8.8.2 Product Picture and Specifications

8.8.2.1 Product A

8.8.2.2 Product B



8.8.3 DOWA 2017 Compound Semiconductor Sales, Ex-factory Price, Revenue, Gross Margin Analysis

8.8.4 DOWA 2017 Compound Semiconductor Business Region Distribution Analysis 8.9 Freiberger

8.9.1 Company Profile

8.9.2 Product Picture and Specifications

8.9.2.1 Product A

8.9.2.2 Product B

8.9.3 Freiberger 2017 Compound Semiconductor Sales, Ex-factory Price, Revenue, Gross Margin Analysis

8.9.4 Freiberger 2017 Compound Semiconductor Business Region Distribution Analysis

8.10 JX Nippon Mining & Metals

8.10.1 Company Profile

8.10.2 Product Picture and Specifications

8.10.2.1 Product A

8.10.2.2 Product B

8.10.3 JX Nippon Mining & Metals 2017 Compound Semiconductor Sales, Ex-factory Price, Revenue, Gross Margin Analysis

8.10.4 JX Nippon Mining & Metals 2017 Compound Semiconductor Business Region Distribution Analysis

### 9 DEVELOPMENT TREND OF ANALYSIS OF COMPOUND SEMICONDUCTOR MARKET

9.1 Global Compound Semiconductor Market Trend Analysis

9.1.1 Global 2018-2025 Compound Semiconductor Market Size (Volume and Value) Forecast

9.1.2 Global 2018-2025 Compound Semiconductor Sales Price Forecast

9.2 Compound Semiconductor Regional Market Trend

9.2.1 North America 2018-2025 Compound Semiconductor Consumption Forecast

- 9.2.2 China 2018-2025 Compound Semiconductor Consumption Forecast
- 9.2.3 Europe 2018-2025 Compound Semiconductor Consumption Forecast
- 9.2.4 Southeast Asia 2018-2025 Compound Semiconductor Consumption Forecast
- 9.2.5 Japan 2018-2025 Compound Semiconductor Consumption Forecast
- 9.2.6 India 2018-2025 Compound Semiconductor Consumption Forecast

9.3 Compound Semiconductor Market Trend (Product Type)

9.4 Compound Semiconductor Market Trend (Application)



#### 10 COMPOUND SEMICONDUCTOR MARKETING TYPE ANALYSIS

- 10.1 Compound Semiconductor Regional Marketing Type Analysis
- 10.2 Compound Semiconductor International Trade Type Analysis

10.3 Traders or Distributors with Contact Information of Compound Semiconductor by Region

10.4 Compound Semiconductor Supply Chain Analysis

#### 11 CONSUMERS ANALYSIS OF COMPOUND SEMICONDUCTOR

- 11.1 Consumer 1 Analysis11.2 Consumer 2 Analysis
- 11.3 Consumer 3 Analysis
- 11.4 Consumer 4 Analysis

### 12 CONCLUSION OF THE GLOBAL COMPOUND SEMICONDUCTOR MARKET PROFESSIONAL SURVEY REPORT 2017

Methodology Analyst Introduction Data Source

The report requires updating with new data and is sent in 2-3 business days after order is placed.



# **List Of Tables**

#### LIST OF TABLES AND FIGURES

Figure Picture of Compound Semiconductor Table Product Specifications of Compound Semiconductor Table Classification of Compound Semiconductor Figure Global Production Market Share of Compound Semiconductor by Type in 2017 Figure Gallium Arsenide (GaAs) Picture Table Major Manufacturers of Gallium Arsenide (GaAs) Figure Gallium Nitride (GaN) Picture Table Major Manufacturers of Gallium Nitride (GaN) Figure Silicon Carbide (SiC) Picture Table Major Manufacturers of Silicon Carbide (SiC) **Figure Others Picture** Table Major Manufacturers of Others Table Applications of Compound Semiconductor Figure Global Consumption Volume Market Share of Compound Semiconductor by Application in 2017 Figure Electronic Components Examples Table Major Consumers in Electronic Components Figure Photonic Device Examples Table Major Consumers in Photonic Device Figure Optoelectronic Devices Examples Table Major Consumers in Optoelectronic Devices Figure Integrated Circuit Examples Table Major Consumers in Integrated Circuit Figure Market Share of Compound Semiconductor by Regions Figure North America Compound Semiconductor Market Size (Million USD) (2013 - 2025)Figure China Compound Semiconductor Market Size (Million USD) (2013-2025) Figure Europe Compound Semiconductor Market Size (Million USD) (2013-2025) Figure Southeast Asia Compound Semiconductor Market Size (Million USD) (2013 - 2025)Figure Japan Compound Semiconductor Market Size (Million USD) (2013-2025) Figure India Compound Semiconductor Market Size (Million USD) (2013-2025) Table Compound Semiconductor Raw Material and Suppliers Table Manufacturing Cost Structure Analysis of Compound Semiconductor in 2017

Figure Manufacturing Process Analysis of Compound Semiconductor



Figure Industry Chain Structure of Compound Semiconductor

Table Capacity and Commercial Production Date of Global Compound Semiconductor Major Manufacturers in 2017

Table Manufacturing Plants Distribution of Global Compound Semiconductor Major Manufacturers in 2017

Table R&D Status and Technology Source of Global Compound Semiconductor Major Manufacturers in 2017

Table Raw Materials Sources Analysis of Global Compound Semiconductor Major Manufacturers in 2017

Table Global Capacity, Sales, Price, Cost, Sales Revenue (M USD) and Gross Margin of Compound Semiconductor 2013-2018E

Figure Global 2013-2018E Compound Semiconductor Market Size (Volume) and Growth Rate

Figure Global 2013-2018E Compound Semiconductor Market Size (Value) and Growth Rate

Table 2013-2018E Global Compound Semiconductor Capacity and Growth Rate Table 2017 Global Compound Semiconductor Capacity (K Units) List (Company Segment)

Table 2013-2018E Global Compound Semiconductor Sales (K Units) and Growth Rate Table 2017 Global Compound Semiconductor Sales (K Units) List (Company Segment) Table 2013-2018E Global Compound Semiconductor Sales Price (USD/Unit)

Table 2017 Global Compound Semiconductor Sales Price (USD/Unit) List (Company Segment)

Figure North America Capacity Overview

Table North America Supply, Import, Export and Consumption (K Units) of Compound Semiconductor 2013-2018E

Figure North America 2013-2018E Compound Semiconductor Sales Price (USD/Unit)

Figure North America 2017 Compound Semiconductor Sales Market Share

Figure China Capacity Overview

Table China Supply, Import, Export and Consumption (K Units) of Compound Semiconductor 2013-2018E

Figure China 2013-2018E Compound Semiconductor Sales Price (USD/Unit)

Figure China 2017 Compound Semiconductor Sales Market Share

Figure Europe Capacity Overview

Table Europe Supply, Import, Export and Consumption (K Units) of Compound Semiconductor 2013-2018E

Figure Europe 2013-2018E Compound Semiconductor Sales Price (USD/Unit)

Figure Europe 2017 Compound Semiconductor Sales Market Share

Figure Southeast Asia Capacity Overview



Table Southeast Asia Supply, Import, Export and Consumption (K Units) of Compound Semiconductor 2013-2018E Figure Southeast Asia 2013-2018E Compound Semiconductor Sales Price (USD/Unit) Figure Southeast Asia 2017 Compound Semiconductor Sales Market Share Figure Japan Capacity Overview Table Japan Supply, Import, Export and Consumption (K Units) of Compound Semiconductor 2013-2018E Figure Japan 2013-2018E Compound Semiconductor Sales Price (USD/Unit) Figure Japan 2017 Compound Semiconductor Sales Market Share Figure India Capacity Overview Table India Supply, Import, Export and Consumption (K Units) of Compound Semiconductor 2013-2018E Figure India 2013-2018E Compound Semiconductor Sales Price (USD/Unit) Figure India 2017 Compound Semiconductor Sales Market Share Table Global 2013-2018E Compound Semiconductor Sales (K Units) by Type Table Different Types Compound Semiconductor Product Interview Price Table Global 2013-2018E Compound Semiconductor Sales (K Units) by Application Table Different Application Compound Semiconductor Product Interview Price Table IQE PLC Information List Table Product A Overview Table Product B Overview Table 2017 IQE PLC Compound Semiconductor Revenue (Million USD), Sales (K Units), Ex-factory Price (USD/Unit) Figure 2017 IQE PLC Compound Semiconductor Business Region Distribution Table Sumitomo Electric Industries Information List Table Product A Overview Table Product B Overview Table 2017 Sumitomo Electric Industries Compound Semiconductor Revenue (Million USD), Sales (K Units), Ex-factory Price (USD/Unit) Figure 2017 Sumitomo Electric Industries Compound Semiconductor Business Region Distribution Table SCIOCS Information List **Table Product A Overview** Table Product B Overview Table 2015 SCIOCS Compound Semiconductor Revenue (Million USD), Sales (K Units), Ex-factory Price (USD/Unit) Figure 2017 SCIOCS Compound Semiconductor Business Region Distribution Table Mitsubishi Chemical Information List

Table Product A Overview



**Table Product B Overview** Table 2017 Mitsubishi Chemical Compound Semiconductor Revenue (Million USD), Sales (K Units), Ex-factory Price (USD/Unit) Figure 2017 Mitsubishi Chemical Compound Semiconductor Business Region Distribution Table San'an Optoelectronics Information List Table Product A Overview Table Product B Overview Table 2017 San'an Optoelectronics Compound Semiconductor Revenue (Million USD), Sales (K Units), Ex-factory Price (USD/Unit) Figure 2017 San'an Optoelectronics Compound Semiconductor Business Region Distribution Table Dow Corning Information List Table Product A Overview Table Product B Overview Table 2017 Dow Corning Compound Semiconductor Revenue (Million USD), Sales (K Units), Ex-factory Price (USD/Unit) Figure 2017 Dow Corning Compound Semiconductor Business Region Distribution Table Shin-Etsu Chemical Information List **Table Product A Overview Table Product B Overview** Table 2017 Shin-Etsu Chemical Compound Semiconductor Revenue (Million USD), Sales (K Units), Ex-factory Price (USD/Unit) Figure 2017 Shin-Etsu Chemical Compound Semiconductor Business Region Distribution **Table DOWA Information List Table Product A Overview** Table Product B Overview Table 2017 DOWA Compound Semiconductor Revenue (Million USD), Sales (K Units), Ex-factory Price (USD/Unit) Figure 2017 DOWA Compound Semiconductor Business Region Distribution **Table Freiberger Information List Table Product A Overview Table Product B Overview** Table 2017 Freiberger Compound Semiconductor Revenue (Million USD), Sales (K Units), Ex-factory Price (USD/Unit) Figure 2017 Freiberger Compound Semiconductor Business Region Distribution Table JX Nippon Mining & Metals Information List

Table Product A Overview



Table Product B Overview

Table 2017 JX Nippon Mining & Metals Compound Semiconductor Revenue (Million USD), Sales (K Units), Ex-factory Price (USD/Unit)

Figure 2017 JX Nippon Mining & Metals Compound Semiconductor Business Region Distribution

Figure Global 2018-2025 Compound Semiconductor Market Size (K Units) and Growth Rate Forecast

Figure Global 2018-2025 Compound Semiconductor Market Size (Million USD) and Growth Rate Forecast

Figure Global 2018-2025 Compound Semiconductor Sales Price (USD/Unit) Forecast Figure North America 2018-2025 Compound Semiconductor Consumption Volume (K Units) and Growth Rate Forecast

Figure China 2018-2025 Compound Semiconductor Consumption Volume (K Units) and Growth Rate Forecast

Figure Europe 2018-2025 Compound Semiconductor Consumption Volume (K Units) and Growth Rate Forecast

Figure Southeast Asia 2018-2025 Compound Semiconductor Consumption Volume (K Units) and Growth Rate Forecast

Figure Japan 2018-2025 Compound Semiconductor Consumption Volume (K Units) and Growth Rate Forecast

Figure India 2018-2025 Compound Semiconductor Consumption Volume (K Units) and Growth Rate Forecast

Table Global Sales Volume (K Units) of Compound Semiconductor by Type 2018-2025 Table Global Consumption Volume (K Units) of Compound Semiconductor by Application 2018-2025

Table Traders or Distributors with Contact Information of Compound Semiconductor by Region



#### I would like to order

Product name: Global Compound Semiconductor Market Professional Survey Report 2018 Product link: <u>https://marketpublishers.com/r/GE7F2912A61EN.html</u>

Price: US\$ 3,500.00 (Single User License / Electronic Delivery) If you want to order Corporate License or Hard Copy, please, contact our Customer Service: <u>info@marketpublishers.com</u>

#### Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <u>https://marketpublishers.com/r/GE7F2912A61EN.html</u>

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

Custumer signature \_\_\_\_\_

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

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