

Global Compound Semiconductor Market Analysis 2015-2019 and Forecast 2020-2025

<https://marketpublishers.com/r/G9420D8E02AEN.html>

Date: January 2020

Pages: 97

Price: US\$ 2,980.00 (Single User License)

ID: G9420D8E02AEN

Abstracts

SNAPSHOT

Compound semiconductors are semiconductors that are made from two or more elements. Silicon is made from a single element, and therefore is not a compound semiconductor. Most compound semiconductors are from combinations of elements from Group III and Group V of the Periodic Table of the Elements (GaAs, GaP, InP and others). Other compound semiconductors are made from Groups II and VI (CdTe, ZnSe and others). It is also possible to use different elements from within the same group (IV), to make compound semiconductors such as SiC

The global Compound Semiconductor market size is estimated at xxx million USD with a CAGR xx% from 2015-2019 and is expected to reach xxx Million USD in 2020 with a CAGR xx% from 2020 to 2025. The report begins from overview of Industry Chain structure, and describes industry environment, then analyses market size and forecast of Compound Semiconductor by product, region and application, in addition, this report introduces market competition situation among the vendors and company profile, besides, market price analysis and value chain features are covered in this report.

Product Type Coverage (Market Size & Forecast, Major Company of Product Type etc.):

Gallium Arsenide (GaAs)

Gallium Nitride (GaN)

Silicon Carbide (SiC)

Others

Company Coverage (Company Profile, Sales Revenue, Price, Gross Margin, Main Products etc.):

IQE PLC

Sumitomo Electric Industries

SCIOCS

Mitsubishi Chemical

San'an Optoelectronics

Dow Corning

Shin-Etsu Chemical

DOWA

Freiberger

JX Nippon Mining & Metals

Application Coverage (Market Size & Forecast, Different Demand Market by Region, Main Consumer Profile etc.):

Electronic Components

Photonic Device

Optoelectronic Devices

Integrated Circuit

Region Coverage (Regional Production, Demand & Forecast by Countries etc.):

North America (U.S., Canada, Mexico)

Europe (Germany, U.K., France, Italy, Russia, Spain etc.)

Asia-Pacific (China, India, Japan, Southeast Asia etc.)

South America (Brazil, Argentina etc.)

Middle East & Africa (Saudi Arabia, South Africa etc.)

Contents

1 INDUSTRY OVERVIEW

1.1 Compound Semiconductor Industry

Figure Compound Semiconductor Industry Chain Structure

1.1.1 Overview

1.1.2 Development of Compound Semiconductor

1.2 Market Segment

1.2.1 Upstream

Table Upstream Segment of Compound Semiconductor

1.2.2 Downstream

Table Application Segment of Compound Semiconductor

Table Global Compound Semiconductor Market 2015-2025, by Application, in USD Million

1.3 Cost Analysis

2 INDUSTRY ENVIRONMENT (PEST ANALYSIS)

2.1 Policy

2.2 Economics

2.3 Sociology

2.4 Technology

3 COMPOUND SEMICONDUCTOR MARKET BY TYPE

3.1 By Type

3.1.1 Gallium Arsenide (GaAs)

Table Major Company List of Gallium Arsenide (GaAs)

3.1.2 Gallium Nitride (GaN)

Table Major Company List of Gallium Nitride (GaN)

3.1.3 Silicon Carbide (SiC)

Table Major Company List of Silicon Carbide (SiC)

3.1.4 Others

Table Major Company List of Others

3.2 Market Size

Table Global Compound Semiconductor Market 2015-2019, by Type, in USD Million

Figure Global Compound Semiconductor Market Growth 2015-2019, by Type, in USD Million

Table Global Compound Semiconductor Market 2015-2019, by Type, in Volume
Figure Global Compound Semiconductor Market Growth 2015-2019, by Type, in Volume

3.3 Market Forecast

Table Global Compound Semiconductor Market Forecast 2020-2025, by Type, in USD Million

Table Global Compound Semiconductor Market Forecast 2020-2025, by Type, in Volume

4 MAJOR COMPANIES LIST

4.1 IQE PLC (Company Profile, Sales Data etc.)

4.1.1 IQE PLC Profile

Table IQE PLC Overview List

4.1.2 IQE PLC Products & Services

4.1.3 IQE PLC Business Operation Conditions

Table Business Operation of IQE PLC (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

4.2 Sumitomo Electric Industries (Company Profile, Sales Data etc.)

4.2.1 Sumitomo Electric Industries Profile

Table Sumitomo Electric Industries Overview List

4.2.2 Sumitomo Electric Industries Products & Services

4.2.3 Sumitomo Electric Industries Business Operation Conditions

Table Business Operation of Sumitomo Electric Industries (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

4.3 SCIOCS (Company Profile, Sales Data etc.)

4.3.1 SCIOCS Profile

Table SCIOCS Overview List

4.3.2 SCIOCS Products & Services

4.3.3 SCIOCS Business Operation Conditions

Table Business Operation of SCIOCS (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

4.4 Mitsubishi Chemical (Company Profile, Sales Data etc.)

4.4.1 Mitsubishi Chemical Profile

Table Mitsubishi Chemical Overview List

4.4.2 Mitsubishi Chemical Products & Services

4.4.3 Mitsubishi Chemical Business Operation Conditions

Table Business Operation of Mitsubishi Chemical (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

4.5 San'an Optoelectronics (Company Profile, Sales Data etc.)

4.5.1 San'an Optoelectronics Profile

Table San'an Optoelectronics Overview List

4.5.2 San'an Optoelectronics Products & Services

4.5.3 San'an Optoelectronics Business Operation Conditions

Table Business Operation of San'an Optoelectronics (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

4.6 Dow Corning (Company Profile, Sales Data etc.)

4.6.1 Dow Corning Profile

Table Dow Corning Overview List

4.6.2 Dow Corning Products & Services

4.6.3 Dow Corning Business Operation Conditions

Table Business Operation of Dow Corning (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

4.7 Shin-Etsu Chemical (Company Profile, Sales Data etc.)

4.7.1 Shin-Etsu Chemical Profile

Table Shin-Etsu Chemical Overview List

4.7.2 Shin-Etsu Chemical Products & Services

4.7.3 Shin-Etsu Chemical Business Operation Conditions

Table Business Operation of Shin-Etsu Chemical (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

4.8 DOWA (Company Profile, Sales Data etc.)

4.8.1 DOWA Profile

Table DOWA Overview List

4.8.2 DOWA Products & Services

4.8.3 DOWA Business Operation Conditions

Table Business Operation of DOWA (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

4.9 Freiburger (Company Profile, Sales Data etc.)

4.9.1 Freiburger Profile

Table Freiburger Overview List

4.9.2 Freiburger Products & Services

4.9.3 Freiburger Business Operation Conditions

Table Business Operation of Freiburger (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

4.10 JX Nippon Mining & Metals (Company Profile, Sales Data etc.)

4.10.1 JX Nippon Mining & Metals Profile

Table JX Nippon Mining & Metals Overview List

4.10.2 JX Nippon Mining & Metals Products & Services

4.10.3 JX Nippon Mining & Metals Business Operation Conditions

Table Business Operation of JX Nippon Mining & Metals (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

5 MARKET COMPETITION

5.1 Company Competition

Table Global Compound Semiconductor Sales Revenue 2015-2019, by Company, in USD Million

Table Global Compound Semiconductor Sales Revenue Share 2015-2019, by Company, in USD Million

Figure Global Compound Semiconductor Sales Revenue Share in 2019, by Company, in USD Million

Table Global Compound Semiconductor Sales Volume 2015-2019, by Company, in Volume

Table Global Compound Semiconductor Sales Volume Share 2015-2019, by Company, in Volume

Figure Global Compound Semiconductor Sales Volume Share in 2019, by Company, in Volume

5.2 Regional Market by Company

Figure North America Compound Semiconductor Market Concentration, in 2019

Figure Europe Compound Semiconductor Market Market Concentration, in 2019

Figure Asia-Pacific Compound Semiconductor Market Concentration, in 2019

Figure South America Compound Semiconductor Market Concentration, in 2019

Figure Middle East & Africa Compound Semiconductor Market Concentration, in 2019

6 DEMAND BY END MARKET

6.1 Demand Situation

6.1.1 Demand in Electronic Components

Figure Compound Semiconductor Demand in Electronic Components, 2015-2019, in USD Million

Figure Compound Semiconductor Demand in Electronic Components, 2015-2019, in Volume

6.1.2 Demand in Photonic Device

Figure Compound Semiconductor Demand in Photonic Device, 2015-2019, in USD Million

Figure Compound Semiconductor Demand in Photonic Device, 2015-2019, in Volume

6.1.3 Demand in Optoelectronic Devices

Figure Compound Semiconductor Demand in Optoelectronic Devices, 2015-2019, in USD Million

Figure Compound Semiconductor Demand in Optoelectronic Devices, 2015-2019, in Volume

6.1.4 Demand in Integrated Circuit

Figure Compound Semiconductor Demand in Integrated Circuit, 2015-2019, in USD Million

Figure Compound Semiconductor Demand in Integrated Circuit, 2015-2019, in Volume

6.2 Regional Demand Comparison

Table Regional Demand Comparison List

Table Major Application in Different Regions

6.3 Demand Forecast

Table Compound Semiconductor Demand Forecast 2020-2025, by Application, in USD Million

Figure Compound Semiconductor Market Growth 2020-2025, by Application, in USD Million

Figure Compound Semiconductor Market Share in 2025, by Application, in USD Million

Table Compound Semiconductor Demand Forecast 2020-2025, by Application, in Volume

Table Compound Semiconductor Market Growth 2020-2025, by Application, in Volume

Table Compound Semiconductor Market Share in 2025, by Application, in Volume

7 REGION OPERATION

7.1 Regional Production

Table Compound Semiconductor Production 2015-2019, by Region, in USD Million

Table Compound Semiconductor Production 2015-2019, by Region, in Volume

7.2 Regional Market

Table Global Compound Semiconductor Market 2015-2019, by Region, in USD Million

Table Global Compound Semiconductor Market Share 2015-2019, by Region, in USD Million

Table Global Compound Semiconductor Market 2015-2019, by Region, in Volume

Table Global Compound Semiconductor Market Share 2015-2019, by Region, in Volume

7.3 by Region

7.3.1 North America

7.3.1.1 Overview

Figure North America Compound Semiconductor Market Size and Growth 2015-2019, in USD Million

Figure North America Compound Semiconductor Market Size and Growth 2015-2019, in Volume

7.3.1.2 by Country (U.S., Canada, Mexico)

Table North America Compound Semiconductor Market Size 2015-2019, by Country, in USD Million

Table North America Compound Semiconductor Market Size 2015-2019, by Country, in Volume

7.3.2 Europe

7.3.2.1 Overview

Figure Europe Compound Semiconductor Market Size and Growth 2015-2019, in USD Million

Figure Europe Compound Semiconductor Market Size and Growth 2015-2019, in Volume

7.3.2.2 by Country (Germany, U.K., France, Italy, Russia, Spain etc.)

Table Europe Compound Semiconductor Market Size 2015-2019, by Country, in USD Million

Table Europe Compound Semiconductor Market Size 2015-2019, by Country, in Volume

7.3.3 Asia-Pacific

7.3.3.1 Overview

Figure Asia-Pacific Compound Semiconductor Market Size and Growth 2015-2019, in USD Million

Figure Asia-Pacific Compound Semiconductor Market Size and Growth 2015-2019, in Volume

7.3.3.2 by Country (China, India, Japan, Southeast Asia etc.)

Table Asia-Pacific Compound Semiconductor Market Size 2015-2019, by Country, in USD Million

Table Asia-Pacific Compound Semiconductor Market Size 2015-2019, by Country, in Volume

7.3.4 South America

7.3.4.1 Overview

Figure South America Compound Semiconductor Market Size and Growth 2015-2019, in USD Million

Figure South America Compound Semiconductor Market Size and Growth 2015-2019, in Volume

7.3.4.2 by Country (Brazil, Argentina etc.)

Table South America Compound Semiconductor Market Size 2015-2019, by Country, in USD Million

Table South America Compound Semiconductor Market Size 2015-2019, by Country, in

Volume

7.3.5 Middle East & Africa

7.3.5.1 Overview

Figure Middle East & Africa Compound Semiconductor Market Size and Growth 2015-2019, in USD Million

Figure Middle East & Africa Compound Semiconductor Market Size and Growth 2015-2019, in Volume

7.3.5.2 by Country (Saudi Arabia, South Africa etc.)

Table Middle East & Africa Compound Semiconductor Market Size 2015-2019, by Country, in USD Million

Table Middle East & Africa Compound Semiconductor Market Size 2015-2019, by Country, in Volume

7.4 Regional Import & Export

7.5 Regional Forecast

Table Compound Semiconductor Market Forecast 2020-2025, by Region, in USD Million

Table Compound Semiconductor Market Forecast 2020-2025, by Region, in Volume

8 MARKETING & PRICE

8.1 Price and Margin

8.1.1 Price Trends

8.1.2 Factors of Price Change

Table Price Factors List

8.1.3 Manufacturers Gross Margin Analysis

8.2 Marketing Channel

Figure Marketing Channels Overview

9 RESEARCH CONCLUSION

List Of Tables

LIST OF TABLES

Table Upstream Segment of Compound Semiconductor

Table Application Segment of Compound Semiconductor

Table Global Compound Semiconductor Market 2015-2025, by Application, in USD Million

Table Major Company List of Gallium Nitride (GaN)

Table Major Company List of Silicon Carbide (SiC)

Table Major Company List of Others

Table Global Compound Semiconductor Market 2015-2019, by Type, in USD Million

Table Global Compound Semiconductor Market 2015-2019, by Type, in Volume

Table Global Compound Semiconductor Market Forecast 2020-2025, by Type, in USD Million

Table Global Compound Semiconductor Market Forecast 2020-2025, by Type, in Volume

Table IQE PLC Overview List

Table Business Operation of IQE PLC (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Sumitomo Electric Industries Overview List

Table Business Operation of Sumitomo Electric Industries (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table SCIOCS Overview List

Table Business Operation of SCIOCS (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Mitsubishi Chemical Overview List

Table Business Operation of Mitsubishi Chemical (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table San'an Optoelectronics Overview List

Table Business Operation of San'an Optoelectronics (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Dow Corning Overview List

Table Business Operation of Dow Corning (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Shin-Etsu Chemical Overview List

Table Business Operation of Shin-Etsu Chemical (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table DOWA Overview List

Table Business Operation of DOWA (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Freiburger Overview List

Table Business Operation of Freiburger (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table JX Nippon Mining & Metals Overview List

Table Business Operation of JX Nippon Mining & Metals (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Global Compound Semiconductor Sales Revenue 2015-2019, by Company, in USD Million

Table Global Compound Semiconductor Sales Revenue Share 2015-2019, by Company, in USD Million

Table Global Compound Semiconductor Sales Volume 2015-2019, by Company, in Volume

Table Global Compound Semiconductor Sales Volume Share 2015-2019, by Company, in Volume

Table Regional Demand Comparison List

Table Major Application in Different Regions

Table Compound Semiconductor Demand Forecast 2020-2025, by Application, in USD Million

Table Compound Semiconductor Demand Forecast 2020-2025, by Application, in Volume

Table Compound Semiconductor Market Growth 2020-2025, by Application, in Volume

Table Compound Semiconductor Market Share in 2025, by Application, in Volume

Table Compound Semiconductor Production 2015-2019, by Region, in USD Million

Table Compound Semiconductor Production 2015-2019, by Region, in Volume

Table Global Compound Semiconductor Market 2015-2019, by Region, in USD Million

Table Global Compound Semiconductor Market Share 2015-2019, by Region, in USD Million

Table Global Compound Semiconductor Market 2015-2019, by Region, in Volume

Table Global Compound Semiconductor Market Share 2015-2019, by Region, in Volume

Table North America Compound Semiconductor Market Size 2015-2019, by Country, in USD Million

Table North America Compound Semiconductor Market Size 2015-2019, by Country, in Volume

Table Europe Compound Semiconductor Market Size 2015-2019, by Country, in USD Million

Table Europe Compound Semiconductor Market Size 2015-2019, by Country, in

Volume

Table Asia-Pacific Compound Semiconductor Market Size 2015-2019, by Country, in USD Million

Table Asia-Pacific Compound Semiconductor Market Size 2015-2019, by Country, in Volume

Table South America Compound Semiconductor Market Size 2015-2019, by Country, in USD Million

Table South America Compound Semiconductor Market Size 2015-2019, by Country, in Volume

Table Middle East & Africa Compound Semiconductor Market Size 2015-2019, by Country, in USD Million

Table Middle East & Africa Compound Semiconductor Market Size 2015-2019, by Country, in Volume

Table Compound Semiconductor Market Forecast 2020-2025, by Region, in USD Million

Table Compound Semiconductor Market Forecast 2020-2025, by Region, in Volume

Table Price Factors List

List Of Figures

LIST OF FIGURES

Figure Compound Semiconductor Industry Chain Structure

Figure Global Compound Semiconductor Market Growth 2015-2019, by Type, in USD Million

Figure Global Compound Semiconductor Market Growth 2015-2019, by Type, in Volume

Figure Global Compound Semiconductor Sales Revenue Share in 2019, by Company, in USD Million

Figure Global Compound Semiconductor Sales Volume Share in 2019, by Company, in Volume

Figure North America Compound Semiconductor Market Concentration, in 2019

Figure Europe Compound Semiconductor Market Market Concentration, in 2019

Figure Asia-Pacific Compound Semiconductor Market Concentration, in 2019

Figure South America Compound Semiconductor Market Concentration, in 2019

Figure Middle East & Africa Compound Semiconductor Market Concentration, in 2019

Figure Compound Semiconductor Demand in Electronic Components, 2015-2019, in USD Million

Figure Compound Semiconductor Demand in Electronic Components, 2015-2019, in Volume

Figure Compound Semiconductor Demand in Photonic Device, 2015-2019, in USD Million

Figure Compound Semiconductor Demand in Photonic Device, 2015-2019, in Volume

Figure Compound Semiconductor Demand in Optoelectronic Devices, 2015-2019, in USD Million

Figure Compound Semiconductor Demand in Optoelectronic Devices, 2015-2019, in Volume

Figure Compound Semiconductor Demand in Integrated Circuit, 2015-2019, in USD Million

Figure Compound Semiconductor Demand in Integrated Circuit, 2015-2019, in Volume

Figure Compound Semiconductor Market Growth 2020-2025, by Application, in USD Million

Figure Compound Semiconductor Market Share in 2025, by Application, in USD Million

Figure North America Compound Semiconductor Market Size and Growth 2015-2019, in USD Million

Figure North America Compound Semiconductor Market Size and Growth 2015-2019, in Volume

Figure Europe Compound Semiconductor Market Size and Growth 2015-2019, in USD Million

Figure Europe Compound Semiconductor Market Size and Growth 2015-2019, in Volume

Figure Asia-Pacific Compound Semiconductor Market Size and Growth 2015-2019, in USD Million

Figure Asia-Pacific Compound Semiconductor Market Size and Growth 2015-2019, in Volume

Figure South America Compound Semiconductor Market Size and Growth 2015-2019, in USD Million

Figure South America Compound Semiconductor Market Size and Growth 2015-2019, in Volume

Figure Middle East & Africa Compound Semiconductor Market Size and Growth 2015-2019, in USD Million

Figure Middle East & Africa Compound Semiconductor Market Size and Growth 2015-2019, in Volume

Figure Marketing Channels Overview

I would like to order

Product name: Global Compound Semiconductor Market Analysis 2015-2019 and Forecast 2020-2025

Product link: <https://marketpublishers.com/r/G9420D8E02AEN.html>

Price: US\$ 2,980.00 (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/G9420D8E02AEN.html>

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

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

****All fields are required**

Customer signature _____

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

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