

Global MOCVD Market 2018 by Manufacturers, Countries, Type and Application, Forecast to 2023

<https://marketpublishers.com/r/G40DC33483AEN.html>

Date: January 2019

Pages: 133

Price: US\$ 3,480.00 (Single User License)

ID: G40DC33483AEN

Abstracts

MOCVD stands for Metal-Organic Chemical Vapour Deposition. This is a technique for depositing thin layers of atoms onto a semiconductor wafer. Using MOCVD you can build up many layers, each of a precisely controlled thickness, to create a material which has specific optical and electrical properties. Using this technique it's possible to build a range of semiconductor photodetectors and lasers, the devices that lie at the heart of the information revolution.

Scope of the Report:

This report studies the MOCVD market status and outlook of Global and major regions, from angles of players, countries, product types and end industries; this report analyzes the top players in global market, and splits the MOCVD market by product type and applications/end industries.

Since MOCVD technique is used to produce high-brightness LEDs, it is expected that the increasing demand for high-brightness LEDs will fuel the growth of the market. Furthermore, the increasing demand for renewable sources of energy such as solar energy is another major driver for this market. Semiconductor manufacturers are using the MOCVD process to manufacture high-efficiency triple junction photovoltaic cells that can maximize the efficiency of photovoltaic cells in converting sunlight to electricity. The global MOCVD market is valued at xx million USD in 2017 and is expected to reach xx million USD by the end of 2023, growing at a CAGR of xx% between 2017 and 2023. The Asia-Pacific will occupy for more market share in following years, especially in China, also fast growing India and Southeast Asia regions. North America, especially The United States, will still play an important role which cannot be ignored. Any changes from United States might affect the development trend of MOCVD.

Europe also play important roles in global market, with market size of xx million USD in 2017 and will be xx million USD in 2023, with a CAGR of xx%.

Market Segment by Companies, this report covers

AIXTRON

Taiyo Nippon Sanso

Veeco Instruments

Agnitron Technology

Alliance MOCVD

CVD Equipment Corporation

HC SemiTek

JUSUNG ENGINEERING

Xycarb Ceramics

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)

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

Market Segment by Type, covers

III-V semiconductors

II-VI semiconductors

IV Semiconductors

IV-V-VI Semiconductors

Market Segment by Applications, can be divided into

Optoelectronics

Power electronics

Contents

1 MOCVD MARKET OVERVIEW

- 1.1 Product Overview and Scope of MOCVD
- 1.2 Classification of MOCVD by Types
 - 1.2.1 Global MOCVD Revenue Comparison by Types (2017-2023)
 - 1.2.2 Global MOCVD Revenue Market Share by Types in 2017
 - 1.2.3 III-V semiconductors
 - 1.2.4 II-VI semiconductors
 - 1.2.5 IV Semiconductors
 - 1.2.6 IV-V-VI Semiconductors
- 1.3 Global MOCVD Market by Application
 - 1.3.1 Global MOCVD Market Size and Market Share Comparison by Applications (2013-2023)
 - 1.3.2 Optoelectronics
 - 1.3.3 Power electronics
- 1.4 Global MOCVD Market by Regions
 - 1.4.1 Global MOCVD Market Size (Million USD) Comparison by Regions (2013-2023)
 - 1.4.1 North America (USA, Canada and Mexico) MOCVD Status and Prospect (2013-2023)
 - 1.4.2 Europe (Germany, France, UK, Russia and Italy) MOCVD Status and Prospect (2013-2023)
 - 1.4.3 Asia-Pacific (China, Japan, Korea, India and Southeast Asia) MOCVD Status and Prospect (2013-2023)
 - 1.4.4 South America (Brazil, Argentina, Colombia) MOCVD Status and Prospect (2013-2023)
 - 1.4.5 Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa) MOCVD Status and Prospect (2013-2023)
- 1.5 Global Market Size of MOCVD (2013-2023)

2 MANUFACTURERS PROFILES

- 2.1 AIXTRON
 - 2.1.1 Business Overview
 - 2.1.2 MOCVD Type and Applications
 - 2.1.2.1 Product A
 - 2.1.2.2 Product B
 - 2.1.3 AIXTRON MOCVD Revenue, Gross Margin and Market Share (2016-2017)

2.2 Taiyo Nippon Sanso

2.2.1 Business Overview

2.2.2 MOCVD Type and Applications

2.2.2.1 Product A

2.2.2.2 Product B

2.2.3 Taiyo Nippon Sanso MOCVD Revenue, Gross Margin and Market Share (2016-2017)

2.3 Veeco Instruments

2.3.1 Business Overview

2.3.2 MOCVD Type and Applications

2.3.2.1 Product A

2.3.2.2 Product B

2.3.3 Veeco Instruments MOCVD Revenue, Gross Margin and Market Share (2016-2017)

2.4 Agnitron Technology

2.4.1 Business Overview

2.4.2 MOCVD Type and Applications

2.4.2.1 Product A

2.4.2.2 Product B

2.4.3 Agnitron Technology MOCVD Revenue, Gross Margin and Market Share (2016-2017)

2.5 Alliance MOCVD

2.5.1 Business Overview

2.5.2 MOCVD Type and Applications

2.5.2.1 Product A

2.5.2.2 Product B

2.5.3 Alliance MOCVD MOCVD Revenue, Gross Margin and Market Share (2016-2017)

2.6 CVD Equipment Corporation

2.6.1 Business Overview

2.6.2 MOCVD Type and Applications

2.6.2.1 Product A

2.6.2.2 Product B

2.6.3 CVD Equipment Corporation MOCVD Revenue, Gross Margin and Market Share (2016-2017)

2.7 HC SemiTek

2.7.1 Business Overview

2.7.2 MOCVD Type and Applications

2.7.2.1 Product A

2.7.2.2 Product B

2.7.3 HC SemiTek MOCVD Revenue, Gross Margin and Market Share (2016-2017)

2.8 JUSUNG ENGINEERING

2.8.1 Business Overview

2.8.2 MOCVD Type and Applications

2.8.2.1 Product A

2.8.2.2 Product B

2.8.3 JUSUNG ENGINEERING MOCVD Revenue, Gross Margin and Market Share (2016-2017)

2.9 Xycarb Ceramics

2.9.1 Business Overview

2.9.2 MOCVD Type and Applications

2.9.2.1 Product A

2.9.2.2 Product B

2.9.3 Xycarb Ceramics MOCVD Revenue, Gross Margin and Market Share (2016-2017)

3 GLOBAL MOCVD MARKET COMPETITION, BY PLAYERS

3.1 Global MOCVD Revenue and Share by Players (2013-2018)

3.2 Market Concentration Rate

3.2.1 Top 5 MOCVD Players Market Share

3.2.2 Top 10 MOCVD Players Market Share

3.3 Market Competition Trend

4 GLOBAL MOCVD MARKET SIZE BY REGIONS

4.1 Global MOCVD Revenue and Market Share by Regions

4.2 North America MOCVD Revenue and Growth Rate (2013-2018)

4.3 Europe MOCVD Revenue and Growth Rate (2013-2018)

4.4 Asia-Pacific MOCVD Revenue and Growth Rate (2013-2018)

4.5 South America MOCVD Revenue and Growth Rate (2013-2018)

4.6 Middle East and Africa MOCVD Revenue and Growth Rate (2013-2018)

5 NORTH AMERICA MOCVD REVENUE BY COUNTRIES

5.1 North America MOCVD Revenue by Countries (2013-2018)

5.2 USA MOCVD Revenue and Growth Rate (2013-2018)

5.3 Canada MOCVD Revenue and Growth Rate (2013-2018)

5.4 Mexico MOCVD Revenue and Growth Rate (2013-2018)

6 EUROPE MOCVD REVENUE BY COUNTRIES

- 6.1 Europe MOCVD Revenue by Countries (2013-2018)
- 6.2 Germany MOCVD Revenue and Growth Rate (2013-2018)
- 6.3 UK MOCVD Revenue and Growth Rate (2013-2018)
- 6.4 France MOCVD Revenue and Growth Rate (2013-2018)
- 6.5 Russia MOCVD Revenue and Growth Rate (2013-2018)
- 6.6 Italy MOCVD Revenue and Growth Rate (2013-2018)

7 ASIA-PACIFIC MOCVD REVENUE BY COUNTRIES

- 7.1 Asia-Pacific MOCVD Revenue by Countries (2013-2018)
- 7.2 China MOCVD Revenue and Growth Rate (2013-2018)
- 7.3 Japan MOCVD Revenue and Growth Rate (2013-2018)
- 7.4 Korea MOCVD Revenue and Growth Rate (2013-2018)
- 7.5 India MOCVD Revenue and Growth Rate (2013-2018)
- 7.6 Southeast Asia MOCVD Revenue and Growth Rate (2013-2018)

8 SOUTH AMERICA MOCVD REVENUE BY COUNTRIES

- 8.1 South America MOCVD Revenue by Countries (2013-2018)
- 8.2 Brazil MOCVD Revenue and Growth Rate (2013-2018)
- 8.3 Argentina MOCVD Revenue and Growth Rate (2013-2018)
- 8.4 Colombia MOCVD Revenue and Growth Rate (2013-2018)

9 MIDDLE EAST AND AFRICA REVENUE MOCVD BY COUNTRIES

- 9.1 Middle East and Africa MOCVD Revenue by Countries (2013-2018)
- 9.2 Saudi Arabia MOCVD Revenue and Growth Rate (2013-2018)
- 9.3 UAE MOCVD Revenue and Growth Rate (2013-2018)
- 9.4 Egypt MOCVD Revenue and Growth Rate (2013-2018)
- 9.5 Nigeria MOCVD Revenue and Growth Rate (2013-2018)
- 9.6 South Africa MOCVD Revenue and Growth Rate (2013-2018)

10 GLOBAL MOCVD MARKET SEGMENT BY TYPE

- 10.1 Global MOCVD Revenue and Market Share by Type (2013-2018)

- 10.2 Global MOCVD Market Forecast by Type (2018-2023)
- 10.3 III-V semiconductors Revenue Growth Rate (2013-2023)
- 10.4 II-VI semiconductors Revenue Growth Rate (2013-2023)
- 10.5 IV Semiconductors Revenue Growth Rate (2013-2023)
- 10.6 IV-V-VI Semiconductors Revenue Growth Rate (2013-2023)

11 GLOBAL MOCVD MARKET SEGMENT BY APPLICATION

- 11.1 Global MOCVD Revenue Market Share by Application (2013-2018)
- 11.2 MOCVD Market Forecast by Application (2018-2023)
- 11.3 Optoelectronics Revenue Growth (2013-2018)
- 11.4 Power electronics Revenue Growth (2013-2018)

12 GLOBAL MOCVD MARKET SIZE FORECAST (2018-2023)

- 12.1 Global MOCVD Market Size Forecast (2018-2023)
- 12.2 Global MOCVD Market Forecast by Regions (2018-2023)
- 12.3 North America MOCVD Revenue Market Forecast (2018-2023)
- 12.4 Europe MOCVD Revenue Market Forecast (2018-2023)
- 12.5 Asia-Pacific MOCVD Revenue Market Forecast (2018-2023)
- 12.6 South America MOCVD Revenue Market Forecast (2018-2023)
- 12.7 Middle East and Africa MOCVD Revenue Market Forecast (2018-2023)

13 RESEARCH FINDINGS AND CONCLUSION

14 APPENDIX

- 14.1 Methodology
- 14.2 Data

List Of Tables

LIST OF TABLES AND FIGURES

Figure MOCVD Picture

Table Product Specifications of MOCVD

Table Global MOCVD and Revenue (Million USD) Market Split by Product Type

Figure Global MOCVD Revenue Market Share by Types in 2017

Figure III-V semiconductors Picture

Figure II-VI semiconductors Picture

Figure IV Semiconductors Picture

Figure IV-V-VI Semiconductors Picture

Table Global MOCVD Revenue (Million USD) by Application (2013-2023)

Figure MOCVD Revenue Market Share by Applications in 2017

Figure Optoelectronics Picture

Figure Power electronics Picture

Table Global Market MOCVD Revenue (Million USD) Comparison by Regions
2013-2023

Figure North America MOCVD Revenue (Million USD) and Growth Rate (2013-2023)

Figure Europe MOCVD Revenue (Million USD) and Growth Rate (2013-2023)

Figure Asia-Pacific MOCVD Revenue (Million USD) and Growth Rate (2013-2023)

Figure South America MOCVD Revenue (Million USD) and Growth Rate (2013-2023)

Figure Middle East and Africa MOCVD Revenue (Million USD) and Growth Rate
(2013-2023)

Figure Global MOCVD Revenue (Million USD) and Growth Rate (2013-2023)

Table AIXTRON Basic Information, Manufacturing Base and Competitors

Table AIXTRON MOCVD Type and Applications

Table AIXTRON MOCVD Revenue, Gross Margin and Market Share (2016-2017)

Table Taiyo Nippon Sanso Basic Information, Manufacturing Base and Competitors

Table Taiyo Nippon Sanso MOCVD Type and Applications

Table Taiyo Nippon Sanso MOCVD Revenue, Gross Margin and Market Share
(2016-2017)

Table Veeco Instruments Basic Information, Manufacturing Base and Competitors

Table Veeco Instruments MOCVD Type and Applications

Table Veeco Instruments MOCVD Revenue, Gross Margin and Market Share
(2016-2017)

Table Agnitron Technology Basic Information, Manufacturing Base and Competitors

Table Agnitron Technology MOCVD Type and Applications

Table Agnitron Technology MOCVD Revenue, Gross Margin and Market Share

(2016-2017)

Table Alliance MOCVD Basic Information, Manufacturing Base and Competitors

Table Alliance MOCVD MOCVD Type and Applications

Table Alliance MOCVD MOCVD Revenue, Gross Margin and Market Share

(2016-2017)

Table CVD Equipment Corporation Basic Information, Manufacturing Base and Competitors

Table CVD Equipment Corporation MOCVD Type and Applications

Table CVD Equipment Corporation MOCVD Revenue, Gross Margin and Market Share

(2016-2017)

Table HC SemiTek Basic Information, Manufacturing Base and Competitors

Table HC SemiTek MOCVD Type and Applications

Table HC SemiTek MOCVD Revenue, Gross Margin and Market Share (2016-2017)

Table JUSUNG ENGINEERING Basic Information, Manufacturing Base and Competitors

Table JUSUNG ENGINEERING MOCVD Type and Applications

Table JUSUNG ENGINEERING MOCVD Revenue, Gross Margin and Market Share (2016-2017)

Table Xycarb Ceramics Basic Information, Manufacturing Base and Competitors

Table Xycarb Ceramics MOCVD Type and Applications

Table Xycarb Ceramics MOCVD Revenue, Gross Margin and Market Share (2016-2017)

Table Global MOCVD Revenue (Million USD) by Players (2013-2018)

Table Global MOCVD Revenue Share by Players (2013-2018)

Figure Global MOCVD Revenue Share by Players in 2016

Figure Global MOCVD Revenue Share by Players in 2017

Figure Global Top 5 Players MOCVD Revenue Market Share in 2017

Figure Global Top 10 Players MOCVD Revenue Market Share in 2017

Figure Global MOCVD Revenue (Million USD) and Growth Rate (%) (2013-2018)

Table Global MOCVD Revenue (Million USD) by Regions (2013-2018)

Table Global MOCVD Revenue Market Share by Regions (2013-2018)

Figure Global MOCVD Revenue Market Share by Regions (2013-2018)

Figure Global MOCVD Revenue Market Share by Regions in 2017

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

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

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

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

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

Table North America MOCVD Revenue by Countries (2013-2018)

Table North America MOCVD Revenue Market Share by Countries (2013-2018)
Figure North America MOCVD Revenue Market Share by Countries (2013-2018)
Figure North America MOCVD Revenue Market Share by Countries in 2017
Figure USA MOCVD Revenue and Growth Rate (2013-2018)
Figure Canada MOCVD Revenue and Growth Rate (2013-2018)
Figure Mexico MOCVD Revenue and Growth Rate (2013-2018)
Table Europe MOCVD Revenue (Million USD) by Countries (2013-2018)
Figure Europe MOCVD Revenue Market Share by Countries (2013-2018)
Figure Europe MOCVD Revenue Market Share by Countries in 2017
Figure Germany MOCVD Revenue and Growth Rate (2013-2018)
Figure UK MOCVD Revenue and Growth Rate (2013-2018)
Figure France MOCVD Revenue and Growth Rate (2013-2018)
Figure Russia MOCVD Revenue and Growth Rate (2013-2018)
Figure Italy MOCVD Revenue and Growth Rate (2013-2018)
Table Asia-Pacific MOCVD Revenue (Million USD) by Countries (2013-2018)
Figure Asia-Pacific MOCVD Revenue Market Share by Countries (2013-2018)
Figure Asia-Pacific MOCVD Revenue Market Share by Countries in 2017
Figure China MOCVD Revenue and Growth Rate (2013-2018)
Figure Japan MOCVD Revenue and Growth Rate (2013-2018)
Figure Korea MOCVD Revenue and Growth Rate (2013-2018)
Figure India MOCVD Revenue and Growth Rate (2013-2018)
Figure Southeast Asia MOCVD Revenue and Growth Rate (2013-2018)
Table South America MOCVD Revenue by Countries (2013-2018)
Table South America MOCVD Revenue Market Share by Countries (2013-2018)
Figure South America MOCVD Revenue Market Share by Countries (2013-2018)
Figure South America MOCVD Revenue Market Share by Countries in 2017
Figure Brazil MOCVD Revenue and Growth Rate (2013-2018)
Figure Argentina MOCVD Revenue and Growth Rate (2013-2018)
Figure Colombia MOCVD Revenue and Growth Rate (2013-2018)
Table Middle East and Africa MOCVD Revenue (Million USD) by Countries (2013-2018)
Table Middle East and Africa MOCVD Revenue Market Share by Countries (2013-2018)
Figure Middle East and Africa MOCVD Revenue Market Share by Countries (2013-2018)
Figure Middle East and Africa MOCVD Revenue Market Share by Countries in 2017
Figure Saudi Arabia MOCVD Revenue and Growth Rate (2013-2018)
Figure UAE MOCVD Revenue and Growth Rate (2013-2018)
Figure Egypt MOCVD Revenue and Growth Rate (2013-2018)
Figure Nigeria MOCVD Revenue and Growth Rate (2013-2018)
Figure South Africa MOCVD Revenue and Growth Rate (2013-2018)

Table Global MOCVD Revenue (Million USD) by Type (2013-2018)
Table Global MOCVD Revenue Share by Type (2013-2018)
Figure Global MOCVD Revenue Share by Type (2013-2018)
Figure Global MOCVD Revenue Share by Type in 2017
Table Global MOCVD Revenue Forecast by Type (2018-2023)
Figure Global MOCVD Market Share Forecast by Type (2018-2023)
Figure Global III-V semiconductors Revenue Growth Rate (2013-2018)
Figure Global II-VI semiconductors Revenue Growth Rate (2013-2018)
Figure Global IV Semiconductors Revenue Growth Rate (2013-2018)
Figure Global IV-V-VI Semiconductors Revenue Growth Rate (2013-2018)
Table Global MOCVD Revenue by Application (2013-2018)
Table Global MOCVD Revenue Share by Application (2013-2018)
Figure Global MOCVD Revenue Share by Application (2013-2018)
Figure Global MOCVD Revenue Share by Application in 2017
Table Global MOCVD Revenue Forecast by Application (2018-2023)
Figure Global MOCVD Market Share Forecast by Application (2018-2023)
Figure Global Optoelectronics Revenue Growth Rate (2013-2018)
Figure Global Power electronics Revenue Growth Rate (2013-2018)
Figure Global MOCVD Revenue (Million USD) and Growth Rate Forecast (2018 -2023)
Table Global MOCVD Revenue (Million USD) Forecast by Regions (2018-2023)
Figure Global MOCVD Revenue Market Share Forecast by Regions (2018-2023)
Figure North America MOCVD Revenue Market Forecast (2018-2023)
Figure Europe MOCVD Revenue Market Forecast (2018-2023)
Figure Asia-Pacific MOCVD Revenue Market Forecast (2018-2023)
Figure South America MOCVD Revenue Market Forecast (2018-2023)
Figure Middle East and Africa MOCVD Revenue Market Forecast (2018-2023)

I would like to order

Product name: Global MOCVD Market 2018 by Manufacturers, Countries, Type and Application, Forecast to 2023

Product link: <https://marketpublishers.com/r/G40DC33483AEN.html>

Price: US\$ 3,480.00 (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/G40DC33483AEN.html>