

# **United States VCSEL Market Report 2017**

https://marketpublishers.com/r/U81972E77EAEN.html

Date: December 2017

Pages: 103

Price: US\$ 3,800.00 (Single User License)

ID: U81972E77EAEN

### **Abstracts**

In this report, the United States VCSEL market is valued at USD XX million in 2016 and is expected to reach USD XX million by the end of 2022, growing at a CAGR of XX% between 2016 and 2022.

Geographically, this report splits the United States market into seven regions:

The West

Southwest

The Middle Atlantic

New England

The South

The Midwest

with sales (volume), revenue (value), market share and growth rate of VCSEL in these regions, from 2012 to 2022 (forecast).

United States VCSEL market competition by top manufacturers/players, with VCSEL sales volume, price, revenue (Million USD) and market share for each manufacturer/player; the top players including

**Finisar Corporation** 



Avago Technologies
JDS Uniphase Corporation
Royal Philips Electronics
II-VI Incorporated
IQE PLC
Vertilas GmbH
Princeton Optronics
Vixar Inc.
Ultra Communications
On the basis of product, this report displays the production, revenue, price, market share and growth rate of each type, primarily split into
Single-mode VCSEL
Multimode VCSEL
On the basis on the end users/applications, this report focuses on the status and outlook for major applications/end users, sales volume, market share and growth rate for each application, including
Data Communications
Infrared Illumination
Sensing

**Pumping** 



**GPS** 

Others

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



### **Contents**

United States VCSEL Market Report 2017

#### 1 VCSEL OVERVIEW

- 1.1 Product Overview and Scope of VCSEL
- 1.2 Classification of VCSEL by Product Category
- 1.2.1 United States VCSEL Market Size (Sales Volume) Comparison by Type (2012-2022)
- 1.2.2 United States VCSEL Market Size (Sales Volume) Market Share by Type (Product Category) in 2016
  - 1.2.3 Single-mode VCSEL
  - 1.2.4 Multimode VCSEL
- 1.3 United States VCSEL Market by Application/End Users
- 1.3.1 United States VCSEL Market Size (Consumption) and Market Share Comparison by Application (2012-2022)
  - 1.3.2 Data Communications
  - 1.3.3 Infrared Illumination
  - 1.3.4 Sensing
  - 1.3.5 Pumping
  - 1.3.6 GPS
  - 1.3.7 Others
- 1.4 United States VCSEL Market by Region
  - 1.4.1 United States VCSEL Market Size (Value) Comparison by Region (2012-2022)
  - 1.4.2 The West VCSEL Status and Prospect (2012-2022)
  - 1.4.3 Southwest VCSEL Status and Prospect (2012-2022)
- 1.4.4 The Middle Atlantic VCSEL Status and Prospect (2012-2022)
- 1.4.5 New England VCSEL Status and Prospect (2012-2022)
- 1.4.6 The South VCSEL Status and Prospect (2012-2022)
- 1.4.7 The Midwest VCSEL Status and Prospect (2012-2022)
- 1.5 United States Market Size (Value and Volume) of VCSEL (2012-2022)
  - 1.5.1 United States VCSEL Sales and Growth Rate (2012-2022)
  - 1.5.2 United States VCSEL Revenue and Growth Rate (2012-2022)

#### 2 UNITED STATES VCSEL MARKET COMPETITION BY PLAYERS/SUPPLIERS

2.1 United States VCSEL Sales and Market Share of Key Players/Suppliers (2012-2017)



- 2.2 United States VCSEL Revenue and Share by Players/Suppliers (2012-2017)
- 2.3 United States VCSEL Average Price by Players/Suppliers (2012-2017)
- 2.4 United States VCSEL Market Competitive Situation and Trends
  - 2.4.1 United States VCSEL Market Concentration Rate
- 2.4.2 United States VCSEL Market Share of Top 3 and Top 5 Players/Suppliers
- 2.4.3 Mergers & Acquisitions, Expansion in United States Market
- 2.5 United States Players/Suppliers VCSEL Manufacturing Base Distribution, Sales Area, Product Type

# 3 UNITED STATES VCSEL SALES (VOLUME) AND REVENUE (VALUE) BY REGION (2012-2017)

- 3.1 United States VCSEL Sales and Market Share by Region (2012-2017)
- 3.2 United States VCSEL Revenue and Market Share by Region (2012-2017)
- 3.3 United States VCSEL Price by Region (2012-2017)

# 4 UNITED STATES VCSEL SALES (VOLUME) AND REVENUE (VALUE) BY TYPE (PRODUCT CATEGORY) (2012-2017)

- 4.1 United States VCSEL Sales and Market Share by Type (Product Category) (2012-2017)
- 4.2 United States VCSEL Revenue and Market Share by Type (2012-2017)
- 4.3 United States VCSEL Price by Type (2012-2017)
- 4.4 United States VCSEL Sales Growth Rate by Type (2012-2017)

## 5 UNITED STATES VCSEL SALES (VOLUME) BY APPLICATION (2012-2017)

- 5.1 United States VCSEL Sales and Market Share by Application (2012-2017)
- 5.2 United States VCSEL Sales Growth Rate by Application (2012-2017)
- 5.3 Market Drivers and Opportunities

#### 6 UNITED STATES VCSEL PLAYERS/SUPPLIERS PROFILES AND SALES DATA

- 6.1 Finisar Corporation
  - 6.1.1 Company Basic Information, Manufacturing Base and Competitors
  - 6.1.2 VCSEL Product Category, Application and Specification
    - 6.1.2.1 Product A
    - 6.1.2.2 Product B
  - 6.1.3 Finisar Corporation VCSEL Sales, Revenue, Price and Gross Margin



#### (2012-2017)

- 6.1.4 Main Business/Business Overview
- 6.2 Avago Technologies
- 6.2.2 VCSEL Product Category, Application and Specification
  - 6.2.2.1 Product A
  - 6.2.2.2 Product B
- 6.2.3 Avago Technologies VCSEL Sales, Revenue, Price and Gross Margin (2012-2017)
  - 6.2.4 Main Business/Business Overview
- 6.3 JDS Uniphase Corporation
  - 6.3.2 VCSEL Product Category, Application and Specification
    - 6.3.2.1 Product A
    - 6.3.2.2 Product B
- 6.3.3 JDS Uniphase Corporation VCSEL Sales, Revenue, Price and Gross Margin (2012-2017)
  - 6.3.4 Main Business/Business Overview
- 6.4 Royal Philips Electronics
  - 6.4.2 VCSEL Product Category, Application and Specification
    - 6.4.2.1 Product A
    - 6.4.2.2 Product B
- 6.4.3 Royal Philips Electronics VCSEL Sales, Revenue, Price and Gross Margin (2012-2017)
  - 6.4.4 Main Business/Business Overview
- 6.5 II-VI Incorporated
  - 6.5.2 VCSEL Product Category, Application and Specification
    - 6.5.2.1 Product A
    - 6.5.2.2 Product B
  - 6.5.3 II-VI Incorporated VCSEL Sales, Revenue, Price and Gross Margin (2012-2017)
  - 6.5.4 Main Business/Business Overview
- 6.6 IQE PLC
  - 6.6.2 VCSEL Product Category, Application and Specification
    - 6.6.2.1 Product A
    - 6.6.2.2 Product B
  - 6.6.3 IQE PLC VCSEL Sales, Revenue, Price and Gross Margin (2012-2017)
  - 6.6.4 Main Business/Business Overview
- 6.7 Vertilas GmbH
  - 6.7.2 VCSEL Product Category, Application and Specification
    - 6.7.2.1 Product A
    - 6.7.2.2 Product B



- 6.7.3 Vertilas GmbH VCSEL Sales, Revenue, Price and Gross Margin (2012-2017)
- 6.7.4 Main Business/Business Overview
- 6.8 Princeton Optronics
  - 6.8.2 VCSEL Product Category, Application and Specification
    - 6.8.2.1 Product A
    - 6.8.2.2 Product B
- 6.8.3 Princeton Optronics VCSEL Sales, Revenue, Price and Gross Margin (2012-2017)
  - 6.8.4 Main Business/Business Overview
- 6.9 Vixar Inc.
  - 6.9.2 VCSEL Product Category, Application and Specification
    - 6.9.2.1 Product A
    - 6.9.2.2 Product B
  - 6.9.3 Vixar Inc. VCSEL Sales, Revenue, Price and Gross Margin (2012-2017)
  - 6.9.4 Main Business/Business Overview
- 6.10 Ultra Communications
  - 6.10.2 VCSEL Product Category, Application and Specification
    - 6.10.2.1 Product A
    - 6.10.2.2 Product B
- 6.10.3 Ultra Communications VCSEL Sales, Revenue, Price and Gross Margin (2012-2017)
  - 6.10.4 Main Business/Business Overview

#### 7 VCSEL MANUFACTURING COST ANALYSIS

- 7.1 VCSEL Key Raw Materials Analysis
  - 7.1.1 Key Raw Materials
  - 7.1.2 Price Trend of Key Raw Materials
  - 7.1.3 Key Suppliers of Raw Materials
  - 7.1.4 Market Concentration Rate of Raw Materials
- 7.2 Proportion of Manufacturing Cost Structure
  - 7.2.1 Raw Materials
  - 7.2.2 Labor Cost
  - 7.2.3 Manufacturing Expenses
- 7.3 Manufacturing Process Analysis of VCSEL

#### 8 INDUSTRIAL CHAIN, SOURCING STRATEGY AND DOWNSTREAM BUYERS

8.1 VCSEL Industrial Chain Analysis



- 8.2 Upstream Raw Materials Sourcing
- 8.3 Raw Materials Sources of VCSEL Major Manufacturers in 2016
- 8.4 Downstream Buyers

# 9 MARKETING STRATEGY ANALYSIS, DISTRIBUTORS/TRADERS

- 9.1 Marketing Channel
  - 9.1.1 Direct Marketing
  - 9.1.2 Indirect Marketing
  - 9.1.3 Marketing Channel Development Trend
- 9.2 Market Positioning
  - 9.2.1 Pricing Strategy
  - 9.2.2 Brand Strategy
  - 9.2.3 Target Client
- 9.3 Distributors/Traders List

#### 10 MARKET EFFECT FACTORS ANALYSIS

- 10.1 Technology Progress/Risk
  - 10.1.1 Substitutes Threat
  - 10.1.2 Technology Progress in Related Industry
- 10.2 Consumer Needs/Customer Preference Change
- 10.3 Economic/Political Environmental Change

# 11 UNITED STATES VCSEL MARKET SIZE (VALUE AND VOLUME) FORECAST (2017-2022)

- 11.1 United States VCSEL Sales Volume, Revenue Forecast (2017-2022)
- 11.2 United States VCSEL Sales Volume Forecast by Type (2017-2022)
- 11.3 United States VCSEL Sales Volume Forecast by Application (2017-2022)
- 11.4 United States VCSEL Sales Volume Forecast by Region (2017-2022)

#### 12 RESEARCH FINDINGS AND CONCLUSION

#### 13 APPENDIX

- 13.1 Methodology/Research Approach
  - 13.1.1 Research Programs/Design
  - 13.1.2 Market Size Estimation



- 13.1.3 Market Breakdown and Data Triangulation
- 13.2 Data Source
  - 13.2.1 Secondary Sources
  - 13.2.2 Primary Sources
- 13.3 Disclaimer

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 Product Picture of VCSEL

Figure United States VCSEL Market Size (Units) by Type (2012-2022)

Figure United States VCSEL Sales Volume Market Share by Type (Product Category) in 2016

Figure Single-mode VCSEL Product Picture

Figure Multimode VCSEL Product Picture

Figure United States VCSEL Market Size (Units) by Application (2012-2022)

Figure United States Sales Market Share of VCSEL by Application in 2016

Figure Data Communications Examples

Table Key Downstream Customer in Data Communications

Figure Infrared Illumination Examples

Table Key Downstream Customer in Infrared Illumination

Figure Sensing Examples

Table Key Downstream Customer in Sensing

Figure Pumping Examples

Table Key Downstream Customer in Pumping

Figure GPS Examples

Table Key Downstream Customer in GPS

Figure Others Examples

Table Key Downstream Customer in Others

Figure United States VCSEL Market Size (Million USD) by Region (2012-2022)

Figure The West VCSEL Revenue (Million USD) and Growth Rate (2012-2022)

Figure Southwest VCSEL Revenue (Million USD) and Growth Rate (2012-2022)

Figure The Middle Atlantic VCSEL Revenue (Million USD) and Growth Rate (2012-2022)

Figure New England VCSEL Revenue (Million USD) and Growth Rate (2012-2022)

Figure The South of US VCSEL Revenue (Million USD) and Growth Rate (2012-2022)

Figure The Midwest VCSEL Revenue (Million USD) and Growth Rate (2012-2022)

Figure United States VCSEL Sales (Units) and Growth Rate (2012-2022)

Figure United States VCSEL Revenue (Million USD) and Growth Rate (2012-2022)

Figure United States VCSEL Market Major Players Product Sales Volume (Units) (2012-2017)

Table United States VCSEL Sales (Units) of Key Players/Suppliers (2012-2017)

Table United States VCSEL Sales Share by Players/Suppliers (2012-2017)

Figure 2016 United States VCSEL Sales Share by Players/Suppliers



Figure 2017 United States VCSEL Sales Share by Players/Suppliers
Figure United States VCSEL Market Major Players Product Revenue (Million USD)
(2012-2017)

Table United States VCSEL Revenue (Million USD) by Players/Suppliers (2012-2017)

Table United States VCSEL Revenue Share by Players/Suppliers (2012-2017)

Figure 2016 United States VCSEL Revenue Share by Players/Suppliers

Figure 2017 United States VCSEL Revenue Share by Players/Suppliers

Table United States Market VCSEL Average Price (K USD/Unit) of Key

Players/Suppliers (2012-2017)

Figure United States Market VCSEL Average Price (K USD/Unit) of Key Players/Suppliers in 2016

Figure United States VCSEL Market Share of Top 3 Players/Suppliers

Figure United States VCSEL Market Share of Top 5 Players/Suppliers

Table United States Players/Suppliers VCSEL Manufacturing Base Distribution and Sales Area

Table United States Players/Suppliers VCSEL Product Category

Table United States VCSEL Sales (Units) by Region (2012-2017)

Table United States VCSEL Sales Share by Region (2012-2017)

Figure United States VCSEL Sales Share by Region (2012-2017)

Figure United States VCSEL Sales Market Share by Region in 2016

Table United States VCSEL Revenue (Million USD) and Market Share by Region (2012-2017)

Table United States VCSEL Revenue Share by Region (2012-2017)

Figure United States VCSEL Revenue Market Share by Region (2012-2017)

Figure United States VCSEL Revenue Market Share by Region in 2016

Table United States VCSEL Price (K USD/Unit) by Region (2012-2017)

Table United States VCSEL Sales (Units) by Type (2012-2017)

Table United States VCSEL Sales Share by Type (2012-2017)

Figure United States VCSEL Sales Share by Type (2012-2017)

Figure United States VCSEL Sales Market Share by Type in 2016

Table United States VCSEL Revenue (Million USD) and Market Share by Type (2012-2017)

Table United States VCSEL Revenue Share by Type (2012-2017)

Figure Revenue Market Share of VCSEL by Type (2012-2017)

Figure Revenue Market Share of VCSEL by Type in 2016

Table United States VCSEL Price (K USD/Unit) by Types (2012-2017)

Figure United States VCSEL Sales Growth Rate by Type (2012-2017)

Table United States VCSEL Sales (Units) by Application (2012-2017)

Table United States VCSEL Sales Market Share by Application (2012-2017)



Figure United States VCSEL Sales Market Share by Application (2012-2017)

Figure United States VCSEL Sales Market Share by Application in 2016

Table United States VCSEL Sales Growth Rate by Application (2012-2017)

Figure United States VCSEL Sales Growth Rate by Application (2012-2017)

Table Finisar Corporation Basic Information List

Table Finisar Corporation VCSEL Sales (Units), Revenue (Million USD), Price (K USD/Unit) and Gross Margin (2012-2017)

Figure Finisar Corporation VCSEL Sales Growth Rate (2012-2017)

Figure Finisar Corporation VCSEL Sales Market Share in United States (2012-2017)

Figure Finisar Corporation VCSEL Revenue Market Share in United States (2012-2017)

Table Avago Technologies Basic Information List

Table Avago Technologies VCSEL Sales (Units), Revenue (Million USD), Price (K USD/Unit) and Gross Margin (2012-2017)

Figure Avago Technologies VCSEL Sales Growth Rate (2012-2017)

Figure Avago Technologies VCSEL Sales Market Share in United States (2012-2017)

Figure Avago Technologies VCSEL Revenue Market Share in United States (2012-2017)

Table JDS Uniphase Corporation Basic Information List

Table JDS Uniphase Corporation VCSEL Sales (Units), Revenue (Million USD), Price (K USD/Unit) and Gross Margin (2012-2017)

Figure JDS Uniphase Corporation VCSEL Sales Growth Rate (2012-2017)

Figure JDS Uniphase Corporation VCSEL Sales Market Share in United States (2012-2017)

Figure JDS Uniphase Corporation VCSEL Revenue Market Share in United States (2012-2017)

Table Royal Philips Electronics Basic Information List

Table Royal Philips Electronics VCSEL Sales (Units), Revenue (Million USD), Price (K USD/Unit) and Gross Margin (2012-2017)

Figure Royal Philips Electronics VCSEL Sales Growth Rate (2012-2017)

Figure Royal Philips Electronics VCSEL Sales Market Share in United States (2012-2017)

Figure Royal Philips Electronics VCSEL Revenue Market Share in United States (2012-2017)

Table II-VI Incorporated Basic Information List

Table II-VI Incorporated VCSEL Sales (Units), Revenue (Million USD), Price (K USD/Unit) and Gross Margin (2012-2017)

Figure II-VI Incorporated VCSEL Sales Growth Rate (2012-2017)

Figure II-VI Incorporated VCSEL Sales Market Share in United States (2012-2017)

Figure II-VI Incorporated VCSEL Revenue Market Share in United States (2012-2017)



Table IQE PLC Basic Information List

Table IQE PLC VCSEL Sales (Units), Revenue (Million USD), Price (K USD/Unit) and Gross Margin (2012-2017)

Figure IQE PLC VCSEL Sales Growth Rate (2012-2017)

Figure IQE PLC VCSEL Sales Market Share in United States (2012-2017)

Figure IQE PLC VCSEL Revenue Market Share in United States (2012-2017)

Table Vertilas GmbH Basic Information List

Table Vertilas GmbH VCSEL Sales (Units), Revenue (Million USD), Price (K USD/Unit) and Gross Margin (2012-2017)

Figure Vertilas GmbH VCSEL Sales Growth Rate (2012-2017)

Figure Vertilas GmbH VCSEL Sales Market Share in United States (2012-2017)

Figure Vertilas GmbH VCSEL Revenue Market Share in United States (2012-2017)

Table Princeton Optronics Basic Information List

Table Princeton Optronics VCSEL Sales (Units), Revenue (Million USD), Price (K USD/Unit) and Gross Margin (2012-2017)

Figure Princeton Optronics VCSEL Sales Growth Rate (2012-2017)

Figure Princeton Optronics VCSEL Sales Market Share in United States (2012-2017)

Figure Princeton Optronics VCSEL Revenue Market Share in United States (2012-2017)

Table Vixar Inc. Basic Information List

Table Vixar Inc. VCSEL Sales (Units), Revenue (Million USD), Price (K USD/Unit) and Gross Margin (2012-2017)

Figure Vixar Inc. VCSEL Sales Growth Rate (2012-2017)

Figure Vixar Inc. VCSEL Sales Market Share in United States (2012-2017)

Figure Vixar Inc. VCSEL Revenue Market Share in United States (2012-2017)

Table Ultra Communications Basic Information List

Table Ultra Communications VCSEL Sales (Units), Revenue (Million USD), Price (K USD/Unit) and Gross Margin (2012-2017)

Figure Ultra Communications VCSEL Sales Growth Rate (2012-2017)

Figure Ultra Communications VCSEL Sales Market Share in United States (2012-2017)

Figure Ultra Communications VCSEL Revenue Market Share in United States (2012-2017)

Table Production Base and Market Concentration Rate of Raw Material

Figure Price Trend of Key Raw Materials

Table Key Suppliers of Raw Materials

Figure Manufacturing Cost Structure of VCSEL

Figure Manufacturing Process Analysis of VCSEL

Figure VCSEL Industrial Chain Analysis

Table Raw Materials Sources of VCSEL Major Players/Suppliers in 2016



Table Major Buyers of VCSEL

Table Distributors/Traders List

Figure United States VCSEL Sales Volume (Units) and Growth Rate Forecast (2017-2022)

Figure United States VCSEL Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Figure United States VCSEL Price (K USD/Unit) Trend Forecast (2017-2022)

Table United States VCSEL Sales Volume (Units) Forecast by Type (2017-2022)

Figure United States VCSEL Sales Volume (Units) Forecast by Type (2017-2022)

Figure United States VCSEL Sales Volume (Units) Forecast by Type in 2022

Table United States VCSEL Sales Volume (Units) Forecast by Application (2017-2022)

Figure United States VCSEL Sales Volume (Units) Forecast by Application (2017-2022)

Figure United States VCSEL Sales Volume (Units) Forecast by Application in 2022

Table United States VCSEL Sales Volume (Units) Forecast by Region (2017-2022)

Table United States VCSEL Sales Volume Share Forecast by Region (2017-2022)

Figure United States VCSEL Sales Volume Share Forecast by Region (2017-2022)

Figure United States VCSEL Sales Volume Share Forecast by Region in 2022

Table Research Programs/Design for This Report

Figure Bottom-up and Top-down Approaches for This Report

Figure Data Triangulation

Table Key Data Information from Secondary Sources

Table Key Data Information from Primary Sources



#### I would like to order

Product name: United States VCSEL Market Report 2017

Product link: https://marketpublishers.com/r/U81972E77EAEN.html

Price: US\$ 3,800.00 (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 <a href="https://marketpublishers.com/r/U81972E77EAEN.html">https://marketpublishers.com/r/U81972E77EAEN.html</a>

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 <a href="https://marketpublishers.com/docs/terms.html">https://marketpublishers.com/docs/terms.html</a>

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