

Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Market Report 2017

https://marketpublishers.com/r/A146D856445EN.html

Date: December 2017

Pages: 101

Price: US\$ 4,000.00 (Single User License)

ID: A146D856445EN

Abstracts

In this report, the Asia-Pacific Vertical-cavity Surface Emitting Laser (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 split Asia-Pacific into several key Regions, with sales (K Pcs), revenue (Million USD), market share and growth rate of Vertical-cavity Surface Emitting Laser (VCSEL) for these regions, from 2012 to 2022 (forecast), including

China

Japan

South Korea

Taiwan

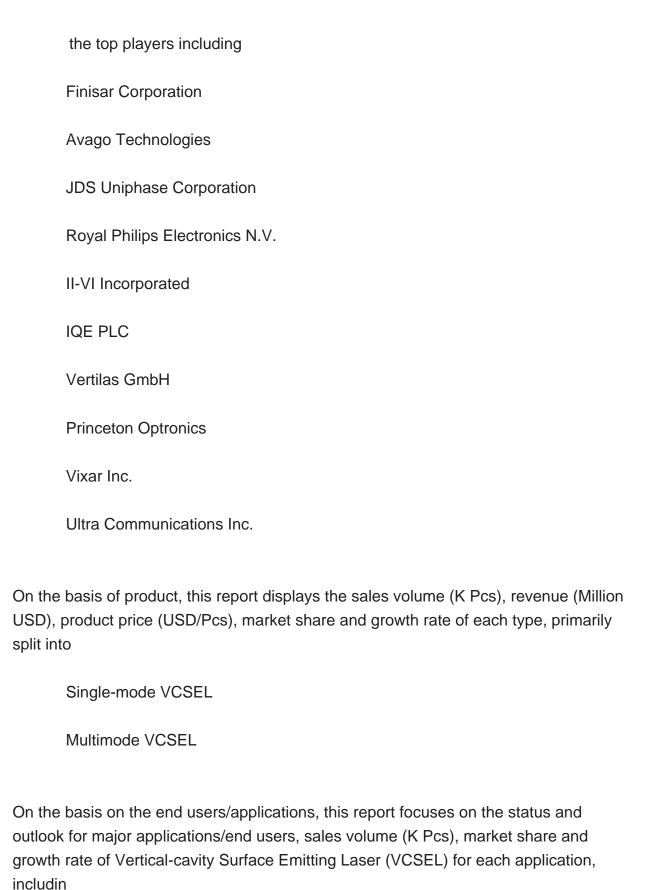
India

Southeast Asia

Australia

Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) market competition by top manufacturers/players, with Vertical-cavity Surface Emitting Laser (VCSEL) sales volume, price, revenue (Million USD) and market share for each manufacturer/player;





Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Market Report 2017

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

Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Market Report 2017

1 VERTICAL-CAVITY SURFACE EMITTING LASER (VCSEL) OVERVIEW

- 1.1 Product Overview and Scope of Vertical-cavity Surface Emitting Laser (VCSEL)
- 1.2 Classification of Vertical-cavity Surface Emitting Laser (VCSEL) by Product Category
- 1.2.1 Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Market Size (Sales) Comparison by Types (2012-2022)
- 1.2.2 Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Market Size (Sales) Market Share by Type (Product Category) in 2016
 - 1.2.3 Single-mode VCSEL
 - 1.2.4 Multimode VCSEL
- 1.3 Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Market by Application/End Users
- 1.3.1 Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Sales (Volume) and Market Share Comparison by Applications (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 Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Market by Region
- 1.4.1 Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Market Size (Value) Comparison by Region (2012-2022)
 - 1.4.2 China Status and Prospect (2012-2022)
 - 1.4.3 Japan Status and Prospect (2012-2022)
 - 1.4.4 South Korea Status and Prospect (2012-2022)
 - 1.4.5 Taiwan Status and Prospect (2012-2022)
 - 1.4.6 India Status and Prospect (2012-2022)
 - 1.4.7 Southeast Asia Status and Prospect (2012-2022)
 - 1.4.8 Australia Status and Prospect (2012-2022)
- 1.5 Asia-Pacific Market Size (Value and Volume) of Vertical-cavity Surface Emitting Laser (VCSEL) (2012-2022)
- 1.5.1 Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Sales and Growth Rate (2012-2022)



1.5.2 Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Revenue and Growth Rate (2012-2022)

2 ASIA-PACIFIC VERTICAL-CAVITY SURFACE EMITTING LASER (VCSEL) COMPETITION BY PLAYERS/SUPPLIERS, REGION, TYPE AND APPLICATION

- 2.1 Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Market Competition by Players/Suppliers
- 2.1.1 Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume and Market Share of Key Players/Suppliers (2012-2017)
- 2.1.2 Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Revenue and Share by Players/Suppliers (2012-2017)
- 2.2 Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) (Volume and Value) by Type
- 2.2.1 Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Sales and Market Share by Type (2012-2017)
- 2.2.2 Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Revenue and Market Share by Type (2012-2017)
- 2.3 Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) (Volume) by Application 2.4 Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) (Volume and Value) by Region
- 2.4.1 Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Sales and Market Share by Region (2012-2017)
- 2.4.2 Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Revenue and Market Share by Region (2012-2017)

3 CHINA VERTICAL-CAVITY SURFACE EMITTING LASER (VCSEL) (VOLUME, VALUE AND SALES PRICE)

- 3.1 China Vertical-cavity Surface Emitting Laser (VCSEL) Sales and Value (2012-2017)
- 3.1.1 China Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume and Growth Rate (2012-2017)
- 3.1.2 China Vertical-cavity Surface Emitting Laser (VCSEL) Revenue and Growth Rate (2012-2017)
- 3.1.3 China Vertical-cavity Surface Emitting Laser (VCSEL) Sales Price Trend (2012-2017)
- 3.2 China Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume and Market Share by Type
- 3.3 China Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume and Market



Share by Application

4 JAPAN VERTICAL-CAVITY SURFACE EMITTING LASER (VCSEL) (VOLUME, VALUE AND SALES PRICE)

- 4.1 Japan Vertical-cavity Surface Emitting Laser (VCSEL) Sales and Value (2012-2017)
- 4.1.1 Japan Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume and Growth Rate (2012-2017)
- 4.1.2 Japan Vertical-cavity Surface Emitting Laser (VCSEL) Revenue and Growth Rate (2012-2017)
- 4.1.3 Japan Vertical-cavity Surface Emitting Laser (VCSEL) Sales Price Trend (2012-2017)
- 4.2 Japan Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume and Market Share by Type
- 4.3 Japan Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume and Market Share by Application

5 SOUTH KOREA VERTICAL-CAVITY SURFACE EMITTING LASER (VCSEL) (VOLUME, VALUE AND SALES PRICE)

- 5.1 South Korea Vertical-cavity Surface Emitting Laser (VCSEL) Sales and Value (2012-2017)
- 5.1.1 South Korea Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume and Growth Rate (2012-2017)
- 5.1.2 South Korea Vertical-cavity Surface Emitting Laser (VCSEL) Revenue and Growth Rate (2012-2017)
- 5.1.3 South Korea Vertical-cavity Surface Emitting Laser (VCSEL) Sales Price Trend (2012-2017)
- 5.2 South Korea Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume and Market Share by Type
- 5.3 South Korea Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume and Market Share by Application

6 TAIWAN VERTICAL-CAVITY SURFACE EMITTING LASER (VCSEL) (VOLUME, VALUE AND SALES PRICE)

- 6.1 Taiwan Vertical-cavity Surface Emitting Laser (VCSEL) Sales and Value (2012-2017)
 - 6.1.1 Taiwan Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume and



Growth Rate (2012-2017)

- 6.1.2 Taiwan Vertical-cavity Surface Emitting Laser (VCSEL) Revenue and Growth Rate (2012-2017)
- 6.1.3 Taiwan Vertical-cavity Surface Emitting Laser (VCSEL) Sales Price Trend (2012-2017)
- 6.2 Taiwan Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume and Market Share by Type
- 6.3 Taiwan Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume and Market Share by Application

7 INDIA VERTICAL-CAVITY SURFACE EMITTING LASER (VCSEL) (VOLUME, VALUE AND SALES PRICE)

- 7.1 India Vertical-cavity Surface Emitting Laser (VCSEL) Sales and Value (2012-2017)
- 7.1.1 India Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume and Growth Rate (2012-2017)
- 7.1.2 India Vertical-cavity Surface Emitting Laser (VCSEL) Revenue and Growth Rate (2012-2017)
- 7.1.3 India Vertical-cavity Surface Emitting Laser (VCSEL) Sales Price Trend (2012-2017)
- 7.2 India Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume and Market Share by Type
- 7.3 India Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume and Market Share by Application

8 SOUTHEAST ASIA VERTICAL-CAVITY SURFACE EMITTING LASER (VCSEL) (VOLUME, VALUE AND SALES PRICE)

- 8.1 Southeast Asia Vertical-cavity Surface Emitting Laser (VCSEL) Sales and Value (2012-2017)
- 8.1.1 Southeast Asia Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume and Growth Rate (2012-2017)
- 8.1.2 Southeast Asia Vertical-cavity Surface Emitting Laser (VCSEL) Revenue and Growth Rate (2012-2017)
- 8.1.3 Southeast Asia Vertical-cavity Surface Emitting Laser (VCSEL) Sales Price Trend (2012-2017)
- 8.2 Southeast Asia Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume and Market Share by Type
- 8.3 Southeast Asia Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume and



Market Share by Application

9 AUSTRALIA VERTICAL-CAVITY SURFACE EMITTING LASER (VCSEL) (VOLUME, VALUE AND SALES PRICE)

- 9.1 Australia Vertical-cavity Surface Emitting Laser (VCSEL) Sales and Value (2012-2017)
- 9.1.1 Australia Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume and Growth Rate (2012-2017)
- 9.1.2 Australia Vertical-cavity Surface Emitting Laser (VCSEL) Revenue and Growth Rate (2012-2017)
- 9.1.3 Australia Vertical-cavity Surface Emitting Laser (VCSEL) Sales Price Trend (2012-2017)
- 9.2 Australia Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume and Market Share by Type
- 9.3 Australia Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume and Market Share by Application

10 ASIA-PACIFIC VERTICAL-CAVITY SURFACE EMITTING LASER (VCSEL) PLAYERS/SUPPLIERS PROFILES AND SALES DATA

- 10.1 Finisar Corporation
 - 10.1.1 Company Basic Information, Manufacturing Base and Competitors
- 10.1.2 Vertical-cavity Surface Emitting Laser (VCSEL) Product Category, Application and Specification
 - 10.1.2.1 Product A
 - 10.1.2.2 Product B
- 10.1.3 Finisar Corporation Vertical-cavity Surface Emitting Laser (VCSEL) Sales, Revenue, Price and Gross Margin (2012-2017)
 - 10.1.4 Main Business/Business Overview
- 10.2 Avago Technologies
- 10.2.1 Company Basic Information, Manufacturing Base and Competitors
- 10.2.2 Vertical-cavity Surface Emitting Laser (VCSEL) Product Category, Application and Specification
 - 10.2.2.1 Product A
 - 10.2.2.2 Product B
- 10.2.3 Avago Technologies Vertical-cavity Surface Emitting Laser (VCSEL) Sales, Revenue, Price and Gross Margin (2012-2017)
 - 10.2.4 Main Business/Business Overview



10.3 JDS Uniphase Corporation

10.3.1 Company Basic Information, Manufacturing Base and Competitors

10.3.2 Vertical-cavity Surface Emitting Laser (VCSEL) Product Category, Application and Specification

10.3.2.1 Product A

10.3.2.2 Product B

10.3.3 JDS Uniphase Corporation Vertical-cavity Surface Emitting Laser (VCSEL)

Sales, Revenue, Price and Gross Margin (2012-2017)

10.3.4 Main Business/Business Overview

10.4 Royal Philips Electronics N.V.

10.4.1 Company Basic Information, Manufacturing Base and Competitors

10.4.2 Vertical-cavity Surface Emitting Laser (VCSEL) Product Category, Application and Specification

10.4.2.1 Product A

10.4.2.2 Product B

10.4.3 Royal Philips Electronics N.V. Vertical-cavity Surface Emitting Laser (VCSEL) Sales, Revenue, Price and Gross Margin (2012-2017)

10.4.4 Main Business/Business Overview

10.5 II-VI Incorporated

10.5.1 Company Basic Information, Manufacturing Base and Competitors

10.5.2 Vertical-cavity Surface Emitting Laser (VCSEL) Product Category, Application and Specification

10.5.2.1 Product A

10.5.2.2 Product B

10.5.3 II-VI Incorporated Vertical-cavity Surface Emitting Laser (VCSEL) Sales,

Revenue, Price and Gross Margin (2012-2017)

10.5.4 Main Business/Business Overview

10.6 IQE PLC

10.6.1 Company Basic Information, Manufacturing Base and Competitors

10.6.2 Vertical-cavity Surface Emitting Laser (VCSEL) Product Category, Application and Specification

10.6.2.1 Product A

10.6.2.2 Product B

10.6.3 IQE PLC Vertical-cavity Surface Emitting Laser (VCSEL) Sales, Revenue, Price and Gross Margin (2012-2017)

10.6.4 Main Business/Business Overview

10.7 Vertilas GmbH

10.7.1 Company Basic Information, Manufacturing Base and Competitors

10.7.2 Vertical-cavity Surface Emitting Laser (VCSEL) Product Category, Application



and Specification

10.7.2.1 Product A

10.7.2.2 Product B

10.7.3 Vertilas GmbH Vertical-cavity Surface Emitting Laser (VCSEL) Sales, Revenue, Price and Gross Margin (2012-2017)

10.7.4 Main Business/Business Overview

10.8 Princeton Optronics

10.8.1 Company Basic Information, Manufacturing Base and Competitors

10.8.2 Vertical-cavity Surface Emitting Laser (VCSEL) Product Category, Application and Specification

10.8.2.1 Product A

10.8.2.2 Product B

10.8.3 Princeton Optronics Vertical-cavity Surface Emitting Laser (VCSEL) Sales, Revenue, Price and Gross Margin (2012-2017)

10.8.4 Main Business/Business Overview

10.9 Vixar Inc.

10.9.1 Company Basic Information, Manufacturing Base and Competitors

10.9.2 Vertical-cavity Surface Emitting Laser (VCSEL) Product Category, Application and Specification

10.9.2.1 Product A

10.9.2.2 Product B

10.9.3 Vixar Inc. Vertical-cavity Surface Emitting Laser (VCSEL) Sales, Revenue, Price and Gross Margin (2012-2017)

10.9.4 Main Business/Business Overview

10.10 Ultra Communications Inc.

10.10.1 Company Basic Information, Manufacturing Base and Competitors

10.10.2 Vertical-cavity Surface Emitting Laser (VCSEL) Product Category, Application and Specification

10.10.2.1 Product A

10.10.2.2 Product B

10.10.3 Ultra Communications Inc. Vertical-cavity Surface Emitting Laser (VCSEL) Sales, Revenue, Price and Gross Margin (2012-2017)

10.10.4 Main Business/Business Overview

11 VERTICAL-CAVITY SURFACE EMITTING LASER (VCSEL) MANUFACTURING COST ANALYSIS

11.1 Vertical-cavity Surface Emitting Laser (VCSEL) Key Raw Materials Analysis 11.1.1 Key Raw Materials



- 11.1.2 Price Trend of Key Raw Materials
- 11.1.3 Key Suppliers of Raw Materials
- 11.1.4 Market Concentration Rate of Raw Materials
- 11.2 Proportion of Manufacturing Cost Structure
 - 11.2.1 Raw Materials
 - 11.2.2 Labor Cost
- 11.2.3 Manufacturing Expenses
- 11.3 Manufacturing Process Analysis of Vertical-cavity Surface Emitting Laser (VCSEL)

12 INDUSTRIAL CHAIN, SOURCING STRATEGY AND DOWNSTREAM BUYERS

- 12.1 Vertical-cavity Surface Emitting Laser (VCSEL) Industrial Chain Analysis
- 12.2 Upstream Raw Materials Sourcing
- 12.3 Raw Materials Sources of Vertical-cavity Surface Emitting Laser (VCSEL) Major Manufacturers in 2016
- 12.4 Downstream Buyers

13 MARKETING STRATEGY ANALYSIS, DISTRIBUTORS/TRADERS

- 13.1 Marketing Channel
 - 13.1.1 Direct Marketing
 - 13.1.2 Indirect Marketing
 - 13.1.3 Marketing Channel Development Trend
- 13.2 Market Positioning
 - 13.2.1 Pricing Strategy
 - 13.2.2 Brand Strategy
 - 13.2.3 Target Client
- 13.3 Distributors/Traders List

14 MARKET EFFECT FACTORS ANALYSIS

- 14.1 Technology Progress/Risk
 - 14.1.1 Substitutes Threat
 - 14.1.2 Technology Progress in Related Industry
- 14.2 Consumer Needs/Customer Preference Change
- 14.3 Economic/Political Environmental Change

15 ASIA-PACIFIC VERTICAL-CAVITY SURFACE EMITTING LASER (VCSEL) MARKET FORECAST (2017-2022)



- 15.1 Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume, Revenue and Price Forecast (2017-2022)
- 15.1.1 Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume and Growth Rate Forecast (2017-2022)
- 15.1.2 Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Revenue and Growth Rate Forecast (2017-2022)
- 15.1.3 Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Price and Trend Forecast (2017-2022)
- 15.2 Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume, Revenue and Growth Rate Forecast by Region (2017-2022)
- 15.2.1 Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume and Growth Rate Forecast by Region (2017-2022)
- 15.2.2 Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Revenue and Growth Rate Forecast by Region (2017-2022)
- 15.2.3 China Vertical-cavity Surface Emitting Laser (VCSEL) Sales, Revenue and Growth Rate Forecast (2017-2022)
- 15.2.4 Japan Vertical-cavity Surface Emitting Laser (VCSEL) Sales, Revenue and Growth Rate Forecast (2017-2022)
- 15.2.5 South Korea Vertical-cavity Surface Emitting Laser (VCSEL) Sales, Revenue and Growth Rate Forecast (2017-2022)
- 15.2.6 Taiwan Vertical-cavity Surface Emitting Laser (VCSEL) Sales, Revenue and Growth Rate Forecast (2017-2022)
- 15.2.7 India Vertical-cavity Surface Emitting Laser (VCSEL) Sales, Revenue and Growth Rate Forecast (2017-2022)
- 15.2.8 Southeast Asia Vertical-cavity Surface Emitting Laser (VCSEL) Sales, Revenue and Growth Rate Forecast (2017-2022)
- 15.2.9 Australia Vertical-cavity Surface Emitting Laser (VCSEL) Sales, Revenue and Growth Rate Forecast (2017-2022)
- 15.3 Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Sales, Revenue and Price Forecast by Type (2017-2022)
- 15.3.1 Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Sales Forecast by Type (2017-2022)
- 15.3.2 Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Revenue Forecast by Type (2017-2022)
- 15.3.3 Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Price Forecast by Type (2017-2022)
- 15.4 Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Sales Forecast by Application (2017-2022)



16 RESEARCH FINDINGS AND CONCLUSION

17 APPENDIX

- 17.1 Methodology/Research Approach
 - 17.1.1 Research Programs/Design
 - 17.1.2 Market Size Estimation
 - 17.1.3 Market Breakdown and Data Triangulation
- 17.2 Data Source
 - 17.2.1 Secondary Sources
 - 17.2.2 Primary Sources
- 17.3 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 Vertical-cavity Surface Emitting Laser (VCSEL)

Figure Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume (K Pcs) by Type (2012-2022)

Figure Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume

Market Share by Type (Product Category) in 2016

Figure Single-mode VCSEL Product Picture

Figure Multimode VCSEL Product Picture

Figure Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Sales (K Pcs) by Application (2012-2022)

Figure Asia-Pacific Sales Market Share of Vertical-cavity Surface Emitting Laser (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 Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Market Size (Million USD) by Region (2012-2022)

Figure China Vertical-cavity Surface Emitting Laser (VCSEL) Revenue (Million USD) and Growth Rate (2012-2022)

Figure Japan Vertical-cavity Surface Emitting Laser (VCSEL) Revenue (Million USD) and Growth Rate (2012-2022)

Figure South Korea Vertical-cavity Surface Emitting Laser (VCSEL) Revenue (Million USD) and Growth Rate (2012-2022)

Figure Taiwan Vertical-cavity Surface Emitting Laser (VCSEL) Revenue (Million USD) and Growth Rate (2012-2022)

Figure India Vertical-cavity Surface Emitting Laser (VCSEL) Revenue (Million USD) and Growth Rate (2012-2022)



Figure Southeast Asia Vertical-cavity Surface Emitting Laser (VCSEL) Revenue (Million USD) and Growth Rate (2012-2022)

Figure Australia Vertical-cavity Surface Emitting Laser (VCSEL) Revenue (Million USD) and Growth Rate (2012-2022)

Figure Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume (K Pcs) and Growth Rate (2012-2022)

Figure Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Revenue (Million USD) and Growth Rate (2012-2022)

Figure Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Market Major Players Product Sales Volume (K Pcs)(2012-2017)

Table Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Sales (K Pcs) of Key Players/Suppliers (2012-2017)

Table Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Sales Share by Players/Suppliers (2012-2017)

Figure 2016 Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Sales Share by Players/Suppliers

Figure 2017 Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Sales Share by Players/Suppliers

Figure Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Market Major Players Product Revenue (Million USD) 2012-2017

Table Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Revenue (Million USD) by Players/Suppliers (2012-2017)

Table Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Revenue Share by Players/Suppliers (2012-2017)

Figure 2016 Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Revenue Share by Players

Figure 2017 Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Revenue Share by Players

Table Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Sales and Market Share by Type (2012-2017)

Table Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Sales Share by Type (2012-2017)

Figure Sales Market Share of Vertical-cavity Surface Emitting Laser (VCSEL) by Type (2012-2017)

Figure Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Sales Growth Rate by Type (2012-2017)

Table Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Revenue (Million USD) and Market Share by Type (2012-2017)

Table Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Revenue Share by



Type (2012-2017)

Figure Revenue Market Share of Vertical-cavity Surface Emitting Laser (VCSEL) by Type (2012-2017)

Figure Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Revenue Growth Rate by Type (2012-2017)

Table Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume (K Pcs) and Market Share by Region (2012-2017)

Table Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Sales Share by Region (2012-2017)

Figure Sales Market Share of Vertical-cavity Surface Emitting Laser (VCSEL) by Region (2012-2017)

Figure Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Sales Market Share by Region in 2016

Table Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Revenue (Million USD) and Market Share by Region (2012-2017)

Table Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Revenue Share (%) by Region (2012-2017)

Figure Revenue Market Share of Vertical-cavity Surface Emitting Laser (VCSEL) by Region (2012-2017)

Figure Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Revenue Market Share by Region in 2016

Table Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume (K Pcs) and Market Share by Application (2012-2017)

Table Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Sales Share (%) by Application (2012-2017)

Figure Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Sales Market Share by Application (2012-2017)

Figure Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Sales Market Share by Application (2012-2017)

Figure China Vertical-cavity Surface Emitting Laser (VCSEL) Sales (K Pcs) and Growth Rate (2012-2017)

Figure China Vertical-cavity Surface Emitting Laser (VCSEL) Revenue (Million USD) and Growth Rate (2012-2017)

Figure China Vertical-cavity Surface Emitting Laser (VCSEL) Sales Price (USD/Pcs) Trend (2012-2017)

Table China Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume (K Pcs) by Type (2012-2017)

Table China Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume Market Share by Type (2012-2017)



Figure China Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume Market Share by Type in 2016

Table China Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume (K Pcs) by Applications (2012-2017)

Table China Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume Market Share by Application (2012-2017)

Figure China Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume Market Share by Application in 2016

Figure Japan Vertical-cavity Surface Emitting Laser (VCSEL) Sales (K Pcs) and Growth Rate (2012-2017)

Figure Japan Vertical-cavity Surface Emitting Laser (VCSEL) Revenue (Million USD) and Growth Rate (2012-2017)

Figure Japan Vertical-cavity Surface Emitting Laser (VCSEL) Sales Price (USD/Pcs) Trend (2012-2017)

Table Japan Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume (K Pcs) by Type (2012-2017)

Table Japan Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume Market Share by Type (2012-2017)

Figure Japan Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume Market Share by Type in 2016

Table Japan Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume (K Pcs) by Applications (2012-2017)

Table Japan Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume Market Share by Application (2012-2017)

Figure Japan Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume Market Share by Application in 2016

Figure South Korea Vertical-cavity Surface Emitting Laser (VCSEL) Sales (K Pcs) and Growth Rate (2012-2017)

Figure South Korea Vertical-cavity Surface Emitting Laser (VCSEL) Revenue (Million USD) and Growth Rate (2012-2017)

Figure South Korea Vertical-cavity Surface Emitting Laser (VCSEL) Sales Price (USD/Pcs) Trend (2012-2017)

Table South Korea Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume (K Pcs) by Type (2012-2017)

Table South Korea Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume Market Share by Type (2012-2017)

Figure South Korea Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume Market Share by Type in 2016

Table South Korea Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume (K



Pcs) by Applications (2012-2017)

Table South Korea Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume Market Share by Application (2012-2017)

Figure South Korea Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume Market Share by Application in 2016

Figure Taiwan Vertical-cavity Surface Emitting Laser (VCSEL) Sales (K Pcs) and Growth Rate (2012-2017)

Figure Taiwan Vertical-cavity Surface Emitting Laser (VCSEL) Revenue (Million USD) and Growth Rate (2012-2017)

Figure Taiwan Vertical-cavity Surface Emitting Laser (VCSEL) Sales Price (USD/Pcs) Trend (2012-2017)

Table Taiwan Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume (K Pcs) by Type (2012-2017)

Table Taiwan Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume Market Share by Type (2012-2017)

Figure Taiwan Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume Market Share by Type in 2016

Table Taiwan Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume (K Pcs) by Applications (2012-2017)

Table Taiwan Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume Market Share by Application (2012-2017)

Figure Taiwan Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume Market Share by Application in 2016

Figure India Vertical-cavity Surface Emitting Laser (VCSEL) Sales (K Pcs) and Growth Rate (2012-2017)

Figure India Vertical-cavity Surface Emitting Laser (VCSEL) Revenue (Million USD) and Growth Rate (2012-2017)

Figure India Vertical-cavity Surface Emitting Laser (VCSEL) Sales Price (USD/Pcs) Trend (2012-2017)

Table India Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume (K Pcs) by Type (2012-2017)

Table India Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume Market Share by Type (2012-2017)

Figure India Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume Market Share by Type in 2016

Table India Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume (K Pcs) by Application (2012-2017)

Table India Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume Market Share by Application (2012-2017)



Figure India Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume Market Share by Application in 2016

Figure Southeast Asia Vertical-cavity Surface Emitting Laser (VCSEL) Sales (K Pcs) and Growth Rate (2012-2017)

Figure Southeast Asia Vertical-cavity Surface Emitting Laser (VCSEL) Revenue (Million USD) and Growth Rate (2012-2017)

Figure Southeast Asia Vertical-cavity Surface Emitting Laser (VCSEL) Sales Price (USD/Pcs) Trend (2012-2017)

Table Southeast Asia Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume (K Pcs) by Type (2012-2017)

Table Southeast Asia Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume Market Share by Type (2012-2017)

Figure Southeast Asia Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume Market Share by Type in 2016

Table Southeast Asia Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume (K Pcs) by Applications (2012-2017)

Table Southeast Asia Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume Market Share by Application (2012-2017)

Figure Southeast Asia Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume Market Share by Application in 2016

Figure Australia Vertical-cavity Surface Emitting Laser (VCSEL) Sales (K Pcs) and Growth Rate (2012-2017)

Figure Australia Vertical-cavity Surface Emitting Laser (VCSEL) Revenue (Million USD) and Growth Rate (2012-2017)

Figure Australia Vertical-cavity Surface Emitting Laser (VCSEL) Sales Price (USD/Pcs) Trend (2012-2017)

Table Australia Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume (K Pcs) by Type (2012-2017)

Table Australia Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume Market Share by Type (2012-2017)

Figure Australia Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume Market Share by Type in 2016

Table Australia Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume (K Pcs) by Applications (2012-2017)

Table Australia Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume Market Share by Application (2012-2017)

Figure Australia Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume Market Share by Application in 2016

Table Finisar Corporation Vertical-cavity Surface Emitting Laser (VCSEL) Basic



Information List

Table Finisar Corporation Vertical-cavity Surface Emitting Laser (VCSEL) Sales (K Pcs), Revenue (Million USD), Price (USD/Pcs) and Gross Margin (2012-2017) Figure Finisar Corporation Vertical-cavity Surface Emitting Laser (VCSEL) Sales (K Pcs) and Growth Rate (2012-2017)

Figure Finisar Corporation Vertical-cavity Surface Emitting Laser (VCSEL) Sales Market Share in Asia-Pacific (2012-2017)

Figure Finisar Corporation Vertical-cavity Surface Emitting Laser (VCSEL) Revenue Market Share in Asia-Pacific (2012-2017)

Table Avago Technologies Vertical-cavity Surface Emitting Laser (VCSEL) Basic Information List

Table Avago Technologies Vertical-cavity Surface Emitting Laser (VCSEL) Sales (K Pcs), Revenue (Million USD), Price (USD/Pcs) and Gross Margin (2012-2017) Figure Avago Technologies Vertical-cavity Surface Emitting Laser (VCSEL) Sales (K Pcs) and Growth Rate (2012-2017)

Figure Avago Technologies Vertical-cavity Surface Emitting Laser (VCSEL) Sales Market Share in Asia-Pacific (2012-2017)

Figure Avago Technologies Vertical-cavity Surface Emitting Laser (VCSEL) Revenue Market Share in Asia-Pacific (2012-2017)

Table JDS Uniphase Corporation Vertical-cavity Surface Emitting Laser (VCSEL) Basic Information List

Table JDS Uniphase Corporation Vertical-cavity Surface Emitting Laser (VCSEL) Sales (K Pcs), Revenue (Million USD), Price (USD/Pcs) and Gross Margin (2012-2017)

Figure JDS Uniphase Corporation Vertical-cavity Surface Emitting Laser (VCSEL) Sales (K Pcs) and Growth Rate (2012-2017)

Figure JDS Uniphase Corporation Vertical-cavity Surface Emitting Laser (VCSEL) Sales Market Share in Asia-Pacific (2012-2017)

Figure JDS Uniphase Corporation Vertical-cavity Surface Emitting Laser (VCSEL) Revenue Market Share in Asia-Pacific (2012-2017)

Table Royal Philips Electronics N.V. Vertical-cavity Surface Emitting Laser (VCSEL) Basic Information List

Table Royal Philips Electronics N.V. Vertical-cavity Surface Emitting Laser (VCSEL) Sales (K Pcs), Revenue (Million USD), Price (USD/Pcs) and Gross Margin (2012-2017) Figure Royal Philips Electronics N.V. Vertical-cavity Surface Emitting Laser (VCSEL) Sales (K Pcs) and Growth Rate (2012-2017)

Figure Royal Philips Electronics N.V. Vertical-cavity Surface Emitting Laser (VCSEL) Sales Market Share in Asia-Pacific (2012-2017)

Figure Royal Philips Electronics N.V. Vertical-cavity Surface Emitting Laser (VCSEL) Revenue Market Share in Asia-Pacific (2012-2017)



Table II-VI Incorporated Vertical-cavity Surface Emitting Laser (VCSEL) Basic Information List

Table II-VI Incorporated Vertical-cavity Surface Emitting Laser (VCSEL) Sales (K Pcs), Revenue (Million USD), Price (USD/Pcs) and Gross Margin (2012-2017)

Figure II-VI Incorporated Vertical-cavity Surface Emitting Laser (VCSEL) Sales (K Pcs) and Growth Rate (2012-2017)

Figure II-VI Incorporated Vertical-cavity Surface Emitting Laser (VCSEL) Sales Market Share in Asia-Pacific (2012-2017)

Figure II-VI Incorporated Vertical-cavity Surface Emitting Laser (VCSEL) Revenue Market Share in Asia-Pacific (2012-2017)

Table IQE PLC Vertical-cavity Surface Emitting Laser (VCSEL) Basic Information List Table IQE PLC Vertical-cavity Surface Emitting Laser (VCSEL) Sales (K Pcs), Revenue (Million USD), Price (USD/Pcs) and Gross Margin (2012-2017)

Figure IQE PLC Vertical-cavity Surface Emitting Laser (VCSEL) Sales (K Pcs) and Growth Rate (2012-2017)

Figure IQE PLC Vertical-cavity Surface Emitting Laser (VCSEL) Sales Market Share in Asia-Pacific (2012-2017)

Figure IQE PLC Vertical-cavity Surface Emitting Laser (VCSEL) Revenue Market Share in Asia-Pacific (2012-2017)

Table Vertilas GmbH Vertical-cavity Surface Emitting Laser (VCSEL) Basic Information List

Table Vertilas GmbH Vertical-cavity Surface Emitting Laser (VCSEL) Sales (K Pcs), Revenue (Million USD), Price (USD/Pcs) and Gross Margin (2012-2017)

Figure Vertilas GmbH Vertical-cavity Surface Emitting Laser (VCSEL) Sales (K Pcs) and Growth Rate (2012-2017)

Figure Vertilas GmbH Vertical-cavity Surface Emitting Laser (VCSEL) Sales Market Share in Asia-Pacific (2012-2017)

Figure Vertilas GmbH Vertical-cavity Surface Emitting Laser (VCSEL) Revenue Market Share in Asia-Pacific (2012-2017)

Table Princeton Optronics Vertical-cavity Surface Emitting Laser (VCSEL) Basic Information List

Table Princeton Optronics Vertical-cavity Surface Emitting Laser (VCSEL) Sales (K Pcs), Revenue (Million USD), Price (USD/Pcs) and Gross Margin (2012-2017)

Figure Princeton Optronics Vertical-cavity Surface Emitting Laser (VCSEL) Sales (K Pcs) and Growth Rate (2012-2017)

Figure Princeton Optronics Vertical-cavity Surface Emitting Laser (VCSEL) Sales Market Share in Asia-Pacific (2012-2017)

Figure Princeton Optronics Vertical-cavity Surface Emitting Laser (VCSEL) Revenue Market Share in Asia-Pacific (2012-2017)



Table Vixar Inc. Vertical-cavity Surface Emitting Laser (VCSEL) Basic Information List Table Vixar Inc. Vertical-cavity Surface Emitting Laser (VCSEL) Sales (K Pcs), Revenue (Million USD), Price (USD/Pcs) and Gross Margin (2012-2017)

Figure Vixar Inc. Vertical-cavity Surface Emitting Laser (VCSEL) Sales (K Pcs) and Growth Rate (2012-2017)

Figure Vixar Inc. Vertical-cavity Surface Emitting Laser (VCSEL) Sales Market Share in Asia-Pacific (2012-2017)

Figure Vixar Inc. Vertical-cavity Surface Emitting Laser (VCSEL) Revenue Market Share in Asia-Pacific (2012-2017)

Table Ultra Communications Inc. Vertical-cavity Surface Emitting Laser (VCSEL) Basic Information List

Table Ultra Communications Inc. Vertical-cavity Surface Emitting Laser (VCSEL) Sales (K Pcs), Revenue (Million USD), Price (USD/Pcs) and Gross Margin (2012-2017)

Figure Ultra Communications Inc. Vertical-cavity Surface Emitting Laser (VCSEL) Sales (K Pcs) and Growth Rate (2012-2017)

Figure Ultra Communications Inc. Vertical-cavity Surface Emitting Laser (VCSEL) Sales Market Share in Asia-Pacific (2012-2017)

Figure Ultra Communications Inc. Vertical-cavity Surface Emitting Laser (VCSEL) Revenue Market Share in Asia-Pacific (2012-2017)

Table Production Base and Market Concentration Rate of Raw Material

Figure Price (USD/Pcs) Trend of Key Raw Materials

Table Key Suppliers of Raw Materials

Figure Manufacturing Cost Structure of Vertical-cavity Surface Emitting Laser (VCSEL) Figure Manufacturing Process Analysis of Vertical-cavity Surface Emitting Laser (VCSEL)

Figure Vertical-cavity Surface Emitting Laser (VCSEL) Industrial Chain Analysis
Table Raw Materials Sources of Vertical-cavity Surface Emitting Laser (VCSEL) Major
Manufacturers in 2016

Table Major Buyers of Vertical-cavity Surface Emitting Laser (VCSEL)

Table Distributors/Traders List

Figure Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume (K Pcs) and Growth Rate Forecast (2017-2022)

Figure Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Figure Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Price (USD/Pcs) and Trend Forecast (2017-2022)

Table Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume (K Pcs) Forecast by Region (2017-2022)

Figure Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume



Market Share Forecast by Region (2017-2022)

Figure Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Sales Volume Market Share Forecast by Region in 2022

Table Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Revenue (Million USD) Forecast by Region (2017-2022)

Figure Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Revenue Market Share Forecast by Region (2017-2022)

Figure Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Revenue Market Share Forecast by Region in 2022

Figure China Vertical-cavity Surface Emitting Laser (VCSEL) Sales (K Pcs) and Growth Rate Forecast (2017-2022)

Figure China Vertical-cavity Surface Emitting Laser (VCSEL) Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Figure Japan Vertical-cavity Surface Emitting Laser (VCSEL) Sales (K Pcs) and Growth Rate Forecast (2017-2022)

Figure Japan Vertical-cavity Surface Emitting Laser (VCSEL) Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Figure South Korea Vertical-cavity Surface Emitting Laser (VCSEL) Sales (K Pcs) and Growth Rate Forecast (2017-2022)

Figure South Korea Vertical-cavity Surface Emitting Laser (VCSEL) Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Figure Taiwan Vertical-cavity Surface Emitting Laser (VCSEL) Sales (K Pcs) and Growth Rate Forecast (2017-2022)

Figure Taiwan Vertical-cavity Surface Emitting Laser (VCSEL) Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Figure India Vertical-cavity Surface Emitting Laser (VCSEL) Sales (K Pcs) and Growth Rate Forecast (2017-2022)

Figure India Vertical-cavity Surface Emitting Laser (VCSEL) Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Figure Southeast Asia Vertical-cavity Surface Emitting Laser (VCSEL) Sales (K Pcs) and Growth Rate Forecast (2017-2022)

Figure Southeast Asia Vertical-cavity Surface Emitting Laser (VCSEL) Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Figure Australia Vertical-cavity Surface Emitting Laser (VCSEL) Sales (K Pcs) and Growth Rate Forecast (2017-2022)

Figure Australia Vertical-cavity Surface Emitting Laser (VCSEL) Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Table Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Sales (K Pcs) Forecast by Type (2017-2022)



Figure Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Sales Market Share Forecast by Type (2017-2022)

Table Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Revenue (Million USD) Forecast by Type (2017-2022)

Figure Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Revenue Market Share Forecast by Type (2017-2022)

Table Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Price (USD/Pcs) Forecast by Type (2017-2022)

Table Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Sales (K Pcs) Forecast by Application (2017-2022)

Figure Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Sales Market Share Forecast by Application (2017-2022)

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: Asia-Pacific Vertical-cavity Surface Emitting Laser (VCSEL) Market Report 2017

Product link: https://marketpublishers.com/r/A146D856445EN.html

Price: US\$ 4,000.00 (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/A146D856445EN.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
	Custumer 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