Vertical-Cavity Surface-Emitting Lasers (VCSEL): Technologies and Global Markets

Description: The vertical-cavity surface-emitting lasers (VCSELs) market is expected to grow from $781.6 million in 2015 to $2.1 billion in 2020, a compound annual growth rate (CAGR) of 21.9% from 2015 through 2020.

This report covers:
- An overview of the global markets for vertical-cavity surface-emitting lasers (VCSEL) and related technologies
- Analyses of global market trends, with data from 2014, 2015, and projections of compound annual growth rates (CAGRs) through 2020
- Applications: Optical fiber data transmission, analog broadband signal transmission absorption spectroscopy (TDLAS), laser printers, computer mice, biological tissue analysis, chip scale atomic clock and others
- Materials: gallium nitride (GaN), gallium arsenide (GaAs), indium phosphide (InP) and others (AlGaAs, InGaAsN, etc.)
- Colors: Red, green, blue-violet, infrared and other colors
- Geography: North America is segmented into the U.S., Canada and Mexico; Europe is segmented into France, Italy, Germany, the U.K., Russia, and CIS; Asia-Pacific is segmented into China, Japan, Taiwan, South Korea and others, while, the rest of the world (RoW) covers the Middle East and South America.
- A relevant patent analysis
- Profiles of major players in the industry

Scope of the report:

The VCSEL market is segmented into the following categories:

- Applications: Optical fiber data transmission, analog broadband signal transmission absorption spectroscopy (TDLAS), laser printers, computer mice, biological tissue analysis, chip scale atomic clock and others
- Materials: gallium nitride (GaN), gallium arsenide (GaAs), indium phosphide (InP) and others (AlGaAs, InGaAsN, etc.)
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- Geography: North America is segmented into the U.S., Canada and Mexico; Europe is segmented into France, Italy, Germany, the U.K., Russia and the Commonwealth of Independent States (CIS); the Asia-Pacific (APAC) region is segmented into China, Japan, Taiwan, South Korea and others; the rest of the world (RoW) covers the Middle East and South America
- Industry and competitive analysis
- Patent analysis
- Company profiles

Contents:

Chapter 1: Introduction
- Study Goals And Objectives
- Reasons For Doing The Study
- Scope Of Report
- Intended Audience
- Information Sources
- Analyst's Credentials

Chapter 2: Summary
- Table Summary : Global Market For Vcsels By Application, Through 2020
- Figure Summary : Global Market For Vcsels By Application, 2014-2020

Chapter 3: Overview
- Definition Of VCSELS
Chapter 4: VCSEL Market By Color Spectrum
- Introduction
- Market Dynamics
- Red
- Green
- Blue-Violet
- Infrared
- Other Colors

Chapter 5: VCSEL Market By Applications
- Introduction
- Market Dynamics
- Optical Fiber Data Transmission
- Analog Broadband Signal Transmission
- Absorption Spectroscopy
- Laser Printers
- Computer Mice
- Biological Tissue Analysis
- Chip Scale Atomic Clocks
- Other Applications

Chapter 6: VCSEL Market By Raw Materials
- Introduction
- Market Dynamics
- Gallium Nitride
- Gallium Arsenide
- Indium Phosphide
- Other Materials

Chapter 7: VCSEL Market By Region
- Introduction
- North America
- Europe
- Asia-Pacific (APAC)
- Rest Of The World

Chapter 8: Analysis Of Market Shares And Patents
- Market Share Analysis
- Patent Analysis

Chapter 9: Company Profiles
- II-VI Laser Enterprise GmbH
- Alight Technologies A/S
- Avago Technologies Ltd.
- Finisar Corp.
- Lumentum
- Litrax Technology Co., Ltd.
- Logitech International Sa
- Optoelectronics Component And Applications GmbH
- Panasonic Corp.
- PD-LD Inc.
- Philips Photonics
- Photodigm Inc.
- Princeton Optronics Inc.
- Sacher Lasertechnik GmbH
- Schneider Electric SA
- Sumitomo Electric Industries Ltd.
List Of Tables

Summary Table : Global Market For Vcsels By Application, Through 2020
Table 1 : Roadmap For Vcsels, 1993-2014
Table 2 : Comparison Of Vcsels And Edge Emitters
Table 3 : Global Market For Red Vcsels By Application, Through 2020
Table 4 : Global Market For Red Vcsels By Raw Material, Through 2020
Table 5 : Global Market For Green Vcsels By Application, Through 2020
Table 6 : Global Market For Green Vcsels By Raw Material, Through 2020
Table 7 : Global Market For Blue-Violet Vcsels By Application, Through 2020
Table 8 : Global Market For Blue-Violet Vcsels By Raw Material, Through 2020
Table 9 : Global Market For Infrared Vcsels By Application, Through 2020
Table 10 : Global Market For Infrared Vcsels By Raw Material, Through 2020
Table 11 : Global Market For Other Color Vcsels By Application, Through 2020
Table 12 : Global Market For Other Color Vcsels By Raw Material, Through 2020
Table 13 : Global Market For Vcsels Used In Optical Fiber Data Transmission By Region, Through 2020
Table 14 : Global Market For Vcsels Used In Analog Broadband Signal Transmission By Region, Through 2020
Table 15 : Global Market For Vcsels Used In Absorption Spectroscopy (Tdlas) By Region, Through 2020
Table 16 : Global Market For Vcsels Used In Laser Printers By Region, Through 2020
Table 17 : Global Market For Vcsels Used In Computer Mice By Region, Through 2020
Table 18 : Global Market For Vcsels Used In Biological Tissue Analysis By Region, Through 2020
Table 19 : Global Market For Vcsels Used In Chip Scale Atomic Clocks By Region, Through 2020
Table 20 : Global Market For Vcsels Used In Other Applications By Region, Through 2020
Table 21 : Global Market For Gan-Based Vcsels By Application, Through 2020
Table 22 : Global Market For Gaas-Based Vcsels By Application, Through 2020
Table 23 : Global Market For Inp-Based Vcsels By Application, Through 2020
Table 24 : Global Market For Other Materials Of Vcsels By Application, Through 2020
Table 25 : North American Vcsel Market By Region, Through 2020
Table 26 : North American Vcsel Market By Application, Through 2020
Table 27 : North American Vcsel Market By Color Spectrum, Through 2020
Table 28 : North American Vcsel Market By Raw Material, Through 2020
Table 29 : European Vcsel Market By Region, Through 2020
Table 30 : European Vcsel Market By Application, Through 2020
Table 31 : European Vcsel Market By Color Spectrum, Through 2020
Table 32 : European Vcsel Market By Raw Material, Through 2020
Table 33 : Apac Vcsel Market By Region, Through 2020
Table 34 : Apac Vcsel Market By Application, Through 2020
Table 35 : Apac Vcsel Market By Color Spectrum, Through 2020
Table 36 : Apac Vcsel Market By Raw Material, Through 2020
Table 37 : Row Vcsel Market By Region, Through 2020
Table 38 : Row Vcsel Market By Application, Through 2020
Table 39 : Row Vcsel Market By Color Spectrum, Through 2020
Table 40 : Row Vcsel Market By Raw Material, Through 2020
Table 41 : Global Market Share For Manufacturers Of Vcsels, 2014
Table 42 : Vcsel Patents By Region, 2012-2015
Table 43 : Recent Developments Of Il-Vi Laser Enterprise Gmbh, 2013-2014
Table 44 : Recent Developments Of Avago Technologies, 2013-2015
Table 45 : Recent Developments Of Finisar Corp., 2013-2015
Table 46 : Recent Developments Of Jds Uniphase Corp., December 2015-January 2016
Table 47 : Recent Developments Of Logitech International, 2013-2015
Table 48 : Recent Developments Of Panasonic Corporation, 2014
Table 49 : Recent Developments Of Philips Photonics, 2014-2015
Table 50 : Recent Developments Of Photodigm Inc., 2014-2015
Table 51 : Recent Developments Of Princeton Optronics Inc., 2015- January 2016
Table 52 : Recent Developments Of Schneider Electric, 2013-2014
Table 53 : Recent Developments Of Sumitomo Electric Industries Ltd., 2012-March 2015
Table 54 : Recent Developments Of Thorlabs Inc., 2012-2014
Table 55 : Recent Developments Of Vixar Inc., 2012-2014
List Of Figures

Summary Figure : Global Market For Vcsels By Application, 2014-2020
Figure 1 : Value Chain Of The Vcsel Industry
Figure 2 : Supply Chain Of Vcsel Industry
Figure 3 : Vcsel Market, By Color Spectrum
Figure 4 : Global Market For Infrared Vcsels By Application, 2014-2020
Figure 5 : Global Market For Green Vcsels By Application, 2014-2020
Figure 6 : Global Market Share Of Green Vcsels By Raw Material, 2014-2020
Figure 7 : Global Market For Blue-Violet Vcsels By Application, 2014-2020
Figure 8 : Global Market Share Of Blue-Violet Vcsels By Raw Material, 2014-2020
Figure 9 : Global Market For Infrared Vcsels By Application, 2014-2020
Figure 10 : Global Market Share Of Infrared Vcsels By Raw Material, 2014-2020
Figure 11 : Global Market For Other Color Vcsels By Application, 2014-2020
Figure 12 : Global Market For Other Color Vcsels By Raw Material, 2014-2020
Figure 13 : Vcsel Market, By Application
Figure 14 : Global Market For Vcsels Used In Optical Fiber Data Transmission By Region, 2014-2020
Figure 15 : Global Market For Vcsels Used In Analog Broadband Signal Transmission By Region, 2014-2020
Figure 16 : Global Market For Vcsels Used In Absorption Spectroscopy (Tdlas) By Region, 2014-2020
Figure 17 : Global Market For Vcsels Used In Laser Printers By Region, 2014-2020
Figure 18 : Global Market For Vcsels Used In Computer Mice By Region, 2014-2020
Figure 19 : Global Market For Vcsels Used In Biological Tissue Analysis By Region, 2014-2020
Figure 20 : Global Market For Vcsels Used In Chip Scale Atomic Clocks By Region, 2014-2020
Figure 21 : Global Market For Vcsels Used In Other Applications By Region, 2014-2020
Figure 22 : Vcsel Market By Raw Materials
Figure 23 : Global Market For Gan-Based Vcsels By Application, 2014-2020
Figure 24 : Global Market For Gaas-Based Vcsels By Application, 2014-2020
Figure 25 : Global Market For Inp-Based Vcsels By Application, 2014-2020
Figure 26 : Global Market For Other Materials Of Vcsels By Application, 2014-2020
Figure 27 : Vcsel Market By Region
Figure 28 : Vcsel Patents Filed By Year, 2012-2015

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