

# **Semiconductor Lasers Market By Type (FOL, VCSEL, CDL, HPDL, Red Lasers, Violet Lasers, Green Lasers, and Blue Lasers) and By End Users Applications (Optical Storage Devices Lithography, Healthcare, Defense and R&D, Sensors, Display, Printing, Communication, and Industrial) - Opportunity Analysis and Industry Forecast, 2014-2022**

<https://marketpublishers.com/r/G6B5F6F6CDFEN.html>

Date: February 2017

Pages: 109

Price: US\$ 4,999.00 (Single User License)

ID: G6B5F6F6CDFEN

## **Abstracts**

The Global Semiconductor Lasers Market Size Is Estimated To Reach \$8.8 Billion By 2022 From \$5.5 Billion In 2015, Growing At A Cagr Of 6.9% From 2016 To 2022. Laser Is Produced Through The Optical Amplification, Which Is Done On The Basis Of Stimulated Emission Of Electromagnetic Radiation. In Semiconductor Laser, This Optical Amplification Is Achieved Through An Active Semiconductor Element.

The Increased Demand Of Semiconductor Lasers In Healthcare Segment Has Fueled Its Global Market Growth. Primarily, Their Adoption In Medical Sector Is Escalated Due To Its High Efficiency, Economical Cost, And Compact Size.

A Semiconductor Laser Is Less Damaging Than X-Ray Therapy And Surgery. This Is Also A Major Factor Which Attracts Medical Sector Toward Semiconductor Lasers.

Key Supporting Factors Which Is Driving The Growth In Global Semiconductor Lasers Market Include Rise In Demand Of Semiconductor Lasers In Defense Sector, Increased Usage In Medical Sector, Dedicated Assembly, And Low Tolerance For Packaging Error. However, Reliability Issues And Complexities In Testing Processes Are Major Factors That Is Hampering The Market Growth. Although, Increase In Demand Of Data Storage Where Semiconductor Lasers Are Used Largely Opening New Opportunities For The Players Operating In The Market.

Semiconductor Lasers Market Is Segmented Based On Type Fiber Optic Lasers (Fol) Vertical Cavity Surface Emitting Lasers (Vcsel), Compact Disc Lasers (Cdl), High Power

Diode Lasers (Hpdl), Red Lasers, Violet Lasers, Green Lasers, And Blue Lasers. Based On End User, It Is Segmented Into Optical Storage Devices Lithography, Healthcare, Defense And R&D, Sensors, Display, Printing, Communication, And Industrial. By Geography, It Is Analyzed Across North America, Europe, Asia Pacific, And Lamea.

The Key Players Profiled In The Report Include Asml Holdings N.V., Coherent Inc., Newport Corporation, Sharp Corporation, Sumitomo Electric Industries, Ltd., Trumpf Gmbh + Co. Kg, Axcel Photonics Inc., Ipg Photonics Corporation, Han's Laser Technology Industry Group Co. Ltd., And Rofin-Sinar Technologies Inc.

### Potential Benefits for Stakeholders

This Report Provides An In-Depth Analysis Of The Global Semiconductor Lasers Market, Along With The Current Trends And Future Estimations To Identify Lucrative Marketing And Investment Opportunities.

It Elucidates On The Key Drivers, Opportunities, And Restraints That Shape The Market Along With Their Impact Analysis.

Porter's Five Forces Analysis Highlights The Potency Of Buyers And Suppliers That Participate In This Market To Facilitate Better Decision Making For Stakeholders And Strengthen Their Supplier And Buyer Networks.

### Semiconductors Laser Market Key Segmentation

The Market Is Segmented Based On Type, End User Application, And Geography.  
By Type

Fiber Optic Lasers (Fol)

Vertical Cavity Surface Emitting Lasers (Vcsel)

Compact Disc Lasers (Cdl)

High Power Diode Lasers (Hpdl)

Red Lasers

Violet Lasers

Green Lasers

Blue Lasers

### By End User Application

Optical Storage Devices Lithography

Healthcare

Defense And R&D

Sensors

Display

Printing

Communication

Industrial

### By Geography

North America

U.S.

Canada

Mexico

Europe

Uk

France

Russia

Germany

Italy

Rest Of Europe

Asia-Pacific

China

India

Japan

South Korea

Taiwan

Rest Of Asia-Pacific

Lamea

Latin America

Middle East

Africa

Key Players

Asml Holdings N.V.

Coherent Inc.

Newport Corporation

Sharp Corporation

Sumitomo Electric Industries, Ltd.

Trumpf Gmbh + Co. Kg

Axcel Photonics Inc.

Ipg Photonics Corporation

Han's Laser Technology Industry Group Co. Ltd.

Rofin-Sinar Technologies Inc.

## Contents

### CHAPTER 1 INTRODUCTION

- 1.1. REPORT DESCRIPTION
- 1.2. KEY BENEFITS
- 1.3. KEY MARKET SEGMENTS
- 1.4. RESEARCH METHODOLOGY
  - 1.4.1. Secondary research
  - 1.4.2. Primary research
  - 1.4.3. Analyst tools and models

### CHAPTER 2 EXECUTIVE SUMMARY

- 2.1. CXO PERSPECTIVE

### CHAPTER 3 MARKET OVERVIEW

- 3.1. MARKET INTRODUCTION
  - 3.2.1. Evolution of Memristors
  - 3.2.2. Market Scope
- 3.2. KEY FINDINGS
  - 3.2.1. Top Impacting Factors
  - 3.2.2. Top winning strategies
  - 3.2.3. Top investment pockets
- 3.3. PORTERS FIVE FORCES ANALYSIS
- 3.4. MARKET PLAYER POSITIONING, 2016
- 3.5. MARKET DYNAMICS
  - 3.5.1. Drivers
    - 3.5.1.1 Increasing usage of semiconductor laser in defense
    - 3.5.1.2 Increasing usage of semiconductor laser in medical sector
  - 3.5.2 Restraints
    - 3.5.2.1 Delicate assembly and low tolerance for packaging error
    - 3.5.2.2 Difficulties regarding reliability and testing
  - 3.5.3 Opportunity
    - 3.5.3.1 Increasing Demand of Data Storage

### CHAPTER 4 GLOBAL SEMICONDUCTOR LASER MARKET BY TYPE

## 4.1 OVERVIEW

### 4.1.1. Market size and forecast

## 4.2 FIBER OPTIC LASERS (FOL)

### 4.2.1. Key market trends

### 4.2.2. Key Growth factors and opportunities

### 4.2.3. Market size and forecast

### 4.2.4 North America Fiber Optic Lasers (FOL) Market, (\$Million), Growth (%)

2014-2022

### 4.2.5 Europe Fiber Optic Lasers (FOL) Market, (\$Million), Growth (%) 2014-2022

### 4.2.6 Asia Pacific Fiber Optic Lasers (FOL) Market, (\$Million), Growth (%) 2014-2022

### 4.2.7 LAMEA Fiber Optic Lasers (FOL) Market, (\$Million), Growth (%) 2014-2022

## 4.3 VERTICAL CAVITY SURFACE EMITTING LASERS (VCSEL)

### 4.3.1 Key market trends

### 4.3.2 Key Growth factors and opportunities

### 4.3.3 Market size and forecast

### 4.3.4 North America Vertical Cavity Surface Emitting Lasers (VCSEL) Market, (\$Million), Growth (%) 2014-2022

### 4.3.5 Europe Vertical Cavity Surface Emitting Lasers (VCSEL) Market, (\$Million), Growth (%) 2014-2022

### 4.3.6 Asia Pacific Vertical Cavity Surface Emitting Lasers (VCSEL) Market, (\$Million), Growth (%) 2014-2022

### 4.3.7 LAMEA Vertical Cavity Surface Emitting Lasers (VCSEL) Market, (\$Million), Growth (%) 2014-2022

## 4.4 COMPACT DISC LASERS (CDL)

### 4.4.1 Key market trends

### 4.4.2 Key Growth factors and opportunities

### 4.4.3 Market size and forecast

### 4.4.4 North America Compact Disc Lasers (CDL) Market, (\$Million), Growth (%)

2014-2022

### 4.4.5 Europe Compact Disc Lasers (CDL) Market, (\$Million), Growth (%) 2014-2022

### 4.4.6 Asia Pacific Compact Disc Lasers (CDL) Market, (\$Million), Growth (%)

2014-2022

### 4.4.7 LAMEA Compact Disc Lasers (CDL) Market, (\$Million), Growth (%) 2014-2022

## 4.5 HIGH POWER DIODE LASERS (HPDL)

### 4.5.1 Key market trends

### 4.5.2 Key Growth factors and opportunities

### 4.5.3 Market size and forecast

### 4.5.4 North America High Power Diode Lasers (HPDL) Market, (\$Million), Growth (%)

2014-2022

4.5.5 Europe High Power Diode Lasers (HPDL) Market, (\$Million), Growth (%)  
2014-2022

4.5.6 Asia Pacific High Power Diode Lasers (HPDL) Market, (\$Million), Growth (%)  
2014-2022

4.5.7 LAMEA High Power Diode Lasers (HPDL) Market, (\$Million), Growth (%)  
2014-2022

#### 4.6 RED LASERS

4.6.1 Key market trends

4.6.2 Key Growth factors and opportunities

4.6.3 Market size and forecast

4.6.4 North America Red Lasers Market, (\$Million), Growth (%) 2014-2022

4.6.5 Europe Red Lasers Market, (\$Million), Growth (%) 2014-2022

4.6.6 Asia Pacific Red Lasers Market, (\$Million), Growth (%) 2014-2022

4.6.7 LAMEA Red Lasers Market, (\$Million), Growth (%) 2014-2022

#### 4.7 VIOLET LASERS

4.7.1 Key market trends

4.7.2 Key Growth factors and opportunities

4.7.3 Market size and forecast

4.7.4 North America Violet Lasers Market, (\$Million), Growth (%) 2014-2022

4.7.5 Europe Violet Lasers Market, (\$Million), Growth (%) 2014-2022

4.7.6 Asia Pacific Violet Lasers Market, (\$Million), Growth (%) 2014-2022

4.7.7 LAMEA Violet Lasers Market, (\$Million), Growth (%) 2014-2022

#### 4.8 GREEN LASERS

4.8.1 Key market trends

4.8.2 Key Growth factors and opportunities

4.8.3 Market size and forecast

4.8.4 North America Green Lasers Market, (\$Million), Growth (%) 2014-2022

4.8.5 Europe Green Lasers Market, (\$Million), Growth (%) 2014-2022

4.8.6 Asia Pacific Green Lasers Market, (\$Million), Growth (%) 2014-2022

4.8.7 LAMEA Green LASERS MARKET, (\$MILLION), GROWTH (%) 2014-2022

#### 4.9 BLUE LASERS

4.9.1 Key market trends

4.9.2 Key Growth factors and opportunities

4.9.3 Market size and forecast

4.9.4 North America Blue Lasers Market, (\$Million), Growth (%) 2014-2022

4.9.5 Europe Blue Lasers Market, (\$Million), Growth (%) 2014-2022

4.9.6 Asia Pacific Blue Lasers Market, (\$Million), Growth (%) 2014-2022

4.9.7 LAMEA Blue Lasers Market, (\$Million), Growth (%) 2014-2022



## CHAPTER 5 GLOBAL SEMICONDUCTOR LASER MARKET BY END-USERS

### 5.1 OVERVIEW

5.1.1. Market size and forecast

### 5.2 OPTICAL STORAGE DEVICES

5.2.1 Key market trends

5.2.2 Key Growth factors and opportunities

5.2.3 Market size and forecast

5.2.4 North America Semiconductor Laser Market for Optical Storage, (\$Million), Growth (%) 2014-2022

5.2.5 Europe Semiconductor Laser Market for Optical Storage, (\$Million), Growth (%) 2014-2022

5.2.6 Asia Pacific Semiconductor Laser Market for Optical Storage, (\$Million), Growth (%) 2014-2022

5.2.7 LAMEA Semiconductor Laser Market for Optical Storage, (\$Million), Growth (%) 2014-2022

### 5.3 LITHOGRAPHY

5.3.1 Key market trends

5.3.2 Key Growth factors and opportunities

5.3.3 Market size and forecast

5.3.4 North America Semiconductor Lasers Market for Lithography, (\$Million), Growth (%) 2014-2022

5.3.5 Europe Semiconductor Lasers Market for Lithography, (\$Million), Growth (%) 2014-2022

5.3.6 Asia Pacific Semiconductor Lasers Market for Lithography, (\$Million), Growth (%) 2014-2022

5.3.7 LAMEA Semiconductor Lasers Market for Lithography, (\$Million), Growth (%) 2014-2022

### 5.4 HEALTHCARE

5.4.1 Key market trends

5.4.2 Key Growth factors and opportunities

5.4.3 Market size and forecast

5.4.4 North America Semiconductor Lasers Market for Healthcare, (\$Million), Growth (%) 2014-2022

5.4.5 Europe Semiconductor Lasers Market for Healthcare, (\$Million), Growth (%) 2014-2022

5.4.6 Asia Pacific Semiconductor Lasers Market for Healthcare, (\$Million), Growth (%) 2014-2022

5.4.7 LAMEA Semiconductor Lasers Market for Healthcare, (\$Million), Growth (%)

2014-2022

## 5.5 DEFENSE AND R&D

5.5.1 Key market trends

5.5.2 Key Growth factors and opportunities

5.5.3 Market size and forecast

5.5.4 North America Semiconductor Lasers Market for Defense and R&D (\$Million), Growth (%) 2014-2022

5.5.5 Europe Semiconductor Lasers Market for Defense and R&D, (\$Million), Growth (%) 2014-2022

5.5.6 Asia Pacific Semiconductor Lasers Market for Defense and R&D, (\$Million), Growth (%) 2014-2022

5.5.7 LAMEA Semiconductor Lasers Market for Defense and R&D, (\$Million), Growth (%) 2014-2022

## 5.6 SENSORS

5.6.1 Key market trends

5.6.2 Key Growth factors and opportunities

5.6.3 Market size and forecast

5.6.4 North America Semiconductor Lasers Market for Sensors, (\$Million), Growth (%) 2014-2022

5.6.5 Europe Semiconductor Lasers Market for Sensors, (\$Million), Growth (%) 2014-2022

5.6.6 Asia Pacific Semiconductor Lasers Market for Sensors, (\$Million), Growth (%) 2014-2022

5.6.7 LAMEA Semiconductor Lasers Market for Sensors, (\$Million), Growth (%) 2014-2022

## 5.7 DISPLAY

5.7.1 Key market trends

5.7.2 Key Growth factors and opportunities

5.7.3 Market size and forecast

5.7.4 North America Semiconductor Lasers Market for Display, (\$Million), Growth (%) 2014-2022

5.7.5 Europe Semiconductor Lasers Market for Display, (\$Million), Growth (%) 2014-2022

5.7.6 Asia Pacific Semiconductor Lasers Market for Display, (\$Million), Growth (%) 2014-2022

5.7.7 LAMEA Semiconductor Lasers Market for Display, (\$Million), Growth (%) 2014-2022

## 5.8 PRINTING

5.8.1 Key market trends

5.8.2 Key Growth factors and opportunities

5.8.3 Market size and forecast

5.8.4 North America Semiconductor Laser Market for Printing, (\$Million), Growth (%)  
2014-2022

5.8.5 Europe Semiconductor Laser Market for Printing, (\$Million), Growth (%)  
2014-2022

5.8.6 Asia Pacific Semiconductor Laser Market for Printing, (\$Million), Growth (%)  
2014-2022

5.8.7 LAMEA Semiconductor Laser Market for Printing, (\$Million), Growth (%)  
2014-2022

5.9 Communication

5.9.1 Key market trends

5.9.2 Key Growth factors and opportunities

5.9.3 Market size and forecast

5.9.4 North America Semiconductor Laser Market for Communication, (\$Million),  
Growth (%) 2014-2022

5.9.5 Europe Semiconductor Laser Market for Communication, (\$Million), Growth (%)  
2014-2022

5.9.6 Asia Pacific Semiconductor Laser Market for Communication, (\$Million), Growth  
(%) 2014-2022

5.9.7 LAMEA Semiconductor Laser Market for Communication, (\$Million), Growth (%)  
2014-2022

5.10 INDUSTRIAL

5.10.1 Key market trends

5.10.2 Key Growth factors and opportunities

5.10.3 Market size and forecast

5.10.4 North America Semiconductor Laser Market for Other Industrial, (\$Million),  
Growth (%) 2014-2022

5.10.5 Europe Semiconductor Laser Market for Other Industrial, (\$Million), Growth (%)  
2014-2022

5.10.6 Asia Pacific Semiconductor Laser Market for Other Industrial, (\$Million), Growth  
(%) 2014-2022

5.10.7 LAMEA Semiconductor Laser Market for Other Industrial, (\$Million), Growth (%)  
2014-2022

## **CHAPTER 6 GLOBAL SEMICONDUCTOR LASERS MARKET BY GEOGRAPHY**

6.1 OVERVIEW

6.1.1. Market size and forecast

## 6.2 NORTH AMERICA

6.2.1 Key market trends

6.2.2 Key Growth factors and opportunities

6.2.3 Market size and forecast

6.2.4 U.S. Semiconductor Lasers Market, (\$Million), Growth (%) 2014-2022

6.2.5 Canada Semiconductor Lasers Market, (\$Million), Growth (%) 2014-2022

6.2.6 Mexico Semiconductor Lasers Market, (\$Million), Growth (%) 2014-2022

## 6.3 EUROPE

6.3.1 Key market trends

6.3.2 Key Growth factors and opportunities

6.3.3 Market size and forecast

6.3.4 U.K. Semiconductor Lasers Market, (\$Million), Growth (%) 2014-2022

6.3.5 Germany Semiconductor Lasers Market, (\$Million), Growth (%) 2014-2022

6.3.6 France Semiconductor Lasers Market, (\$Million), Growth (%) 2014-2022

6.3.7 Italy Semiconductor Lasers Market, (\$Million), Growth (%) 2014-2022

6.3.8 Rest of Europe Semiconductor Lasers Market, (\$Million), Growth (%) 2014-2022

## 6.4 ASIA-PACIFIC

6.4.1 Key market trends

6.4.2 Key Growth factors and opportunities

6.4.3 Market size and forecast

6.4.4 China Semiconductor Lasers Market, (\$Million), Growth (%) 2014-2022

6.4.5 Japan Semiconductor Lasers Market, (\$Million), Growth (%) 2014-2022

6.4.6 South Korea Semiconductor Lasers Market, (\$Million), Growth (%) 2014-2022

6.4.7 Australia Semiconductor Lasers Market, (\$Million), Growth (%) 2014-2022

6.4.8 India Semiconductor Lasers Market, (\$Million), Growth (%) 2014-2022

6.4.9 Rest of Asia-Pacific Semiconductor Lasers Market, (\$Million), Growth (%)

2014-2022

## 6.5 LAMEA

6.5.1 Key market trends

6.5.2 Key Growth factors and opportunities

6.5.3 Market size and forecast

6.5.4 Latin America Semiconductor Lasers Market, (\$Million), Growth (%) 2014-2022

6.5.5 Middle East Semiconductor Lasers Market, (\$Million), Growth (%) 2014-2022

6.5.6 Africa Semiconductor Lasers Market, (\$Million), Growth (%) 2014-2022

## CHAPTER 7 COMPANY PROFILES

### 7.1. ASML HOLDINGS N.V.

7.1.1. Company overview

- 7.1.2. Operating business segments
- 7.1.3. Business performance
- 7.1.4. Key strategic moves and developments
- 7.2. COHERENT INC.
  - 7.2.1. Company overview
  - 7.2.2. Operating business segments
  - 7.2.3. Business performance
  - 7.2.4. Key strategic moves and developments
- 7.3. NEWPORT CORPORATION
  - 7.3.1. Company overview
  - 7.3.2. Operating business segments
  - 7.3.3. Business performance
  - 7.3.4. Key strategic moves and developments
- 7.4. SHARP CORPORATION
  - 7.4.1. Company overview
  - 7.4.2. Operating business segments
  - 7.4.3. Business performance
  - 7.4.4. Key strategic moves and developments
- 7.5. SUMITOMO ELECTRIC INDUSTRIES, LTD.
  - 7.5.1. Company overview
  - 7.5.2. Operating business segments
  - 7.5.3. Business performance
  - 7.4.4. Key strategic moves and developments
- 7.6. TRUMPF GMBH + CO. KG
  - 7.6.1. Company overview
  - 7.6.2. Operating business segments
  - 7.6.3. Business performance
  - 7.6.4. Key strategic moves and developments
- 7.7. AXCEL PHOTONICS INC.
  - 7.7.1. Company overview
  - 7.7.2. Operating business segments
  - 7.7.3. Business performance
  - 7.7.4. Key strategic moves and developments
- 7.8. IPG PHOTONICS CORPORATION
  - 7.8.1. Company overview
  - 7.8.2. Operating business segments
  - 7.8.3. Business performance
  - 7.8.4. Key strategic moves and developments
- 7.9. HANS LASER TECHNOLOGY INDUSTRY GROUP CO. LTD.

- 7.9.1. Company overview
- 7.9.2. Operating business segments
- 7.9.3. Business performance
- 7.9.4. Key strategic moves and developments
- 7.10. ROFIN-SINAR TECHNOLOGIES INC.
  - 7.10.1. Company overview
  - 7.10.2. Operating business segments
  - 7.10.3. Business performance
  - 7.10.4. Key strategic moves and developments

## List Of Tables

### LIST OF TABLES

- TABLE 1 GLOBAL SEMICONDUCTOR LASERS MARKET SNAPSHOT
- TABLE 2 GLOBAL FIBER OPTIC LASERS (FOL) MARKET, (\$MILLION), GROWTH (%) 2014-2022
- TABLE 3 NORTH AMERICA FIBER OPTIC LASERS (FOL) MARKET, (\$MILLION), GROWTH (%) 2014-2022
- TABLE 4 EUROPE FIBER OPTIC LASERS (FOL) MARKET, (\$MILLION), GROWTH (%) 2014-2022
- TABLE 5 ASIA PACIFIC FIBER OPTIC LASERS (FOL) MARKET, (\$MILLION), GROWTH (%) 2014-2022
- TABLE 6 LAMEA FIBER OPTIC LASERS (FOL) MARKET, (\$MILLION), GROWTH (%) 2014-2022
- TABLE 7 GLOBAL VERTICAL CAVITY SURFACE EMITTING LASERS (VCSEL) MARKET, (\$MILLION), GROWTH (%) 2014-2022
- TABLE 8 NORTH AMERICA VERTICAL CAVITY SURFACE EMITTING LASERS (VCSEL) MARKET, (\$MILLION), GROWTH (%) 2014-2022
- TABLE 9 EUROPE VERTICAL CAVITY SURFACE EMITTING LASERS (VCSEL) MARKET, (\$MILLION), GROWTH (%) 2014-2022
- TABLE 10 ASIA PACIFIC VERTICAL CAVITY SURFACE EMITTING LASERS (VCSEL) MARKET, (\$MILLION), GROWTH (%) 2014-2022
- TABLE 11 LAMEA VERTICAL CAVITY SURFACE EMITTING LASERS (VCSEL) MARKET, (\$MILLION), GROWTH (%) 2014-2022
- TABLE 12 GLOBAL COMPACT DISC LASERS (CDL) MARKET, (\$MILLION), GROWTH (%) 2014-2022
- TABLE 13 NORTH AMERICA COMPACT DISC LASERS (CDL) MARKET, (\$MILLION), GROWTH (%) 2014-2022
- TABLE 14 EUROPE COMPACT DISC LASERS (CDL) MARKET, (\$MILLION), GROWTH (%) 2014-2022
- TABLE 15 ASIA PACIFIC COMPACT DISC LASERS (CDL) MARKET, (\$MILLION), GROWTH (%) 2014-2022
- TABLE 16 LAMEA COMPACT DISC LASERS (CDL) MARKET, (\$MILLION), GROWTH (%) 2014-2022
- TABLE 17 GLOBAL HIGH POWER DIODE LASERS (HPDL) MARKET, (\$MILLION), GROWTH (%) 2014-2022
- TABLE 18 NORTH AMERICA HIGH POWER DIODE LASERS (HPDL) MARKET, (\$MILLION), GROWTH (%) 2014-2022

TABLE 19 EUROPE HIGH POWER DIODE LASERS (HPDL) MARKET, (\$MILLION), GROWTH (%) 2014-2022

TABLE 20 ASIA PACIFIC HIGH POWER DIODE LASERS (HPDL) MARKET, (\$MILLION), GROWTH (%) 2014-2022

TABLE 21 LAMEA HIGH POWER DIODE LASERS (HPDL) MARKET, (\$MILLION), GROWTH (%) 2014-2022

TABLE 22 GLOBAL RED LASERS MARKET, (\$MILLION), GROWTH (%) 2014-2022

TABLE 23 NORTH AMERICA RED LASERS MARKET, (\$MILLION), GROWTH (%) 2014-2022

TABLE 24 EUROPE RED LASERS MARKET, (\$MILLION), GROWTH (%) 2014-2022

TABLE 25 ASIA PACIFIC RED LASERS MARKET, (\$MILLION), GROWTH (%) 2014-2022

TABLE 26 LAMEA RED LASERS MARKET, (\$MILLION), GROWTH (%) 2014-2022

TABLE 27 GLOBAL VIOLET LASERS MARKET, (\$MILLION), GROWTH (%) 2014-2022

TABLE 28 NORTH AMERICA VIOLET LASERS MARKET, (\$MILLION), GROWTH (%) 2014-2022

TABLE 29 EUROPE VIOLET LASERS MARKET, (\$MILLION), GROWTH (%) 2014-2022

TABLE 30 ASIA PACIFIC VIOLET LASERS MARKET, (\$MILLION), GROWTH (%) 2014-2022

TABLE 31 LAMEA VIOLET LASERS MARKET, (\$MILLION), GROWTH (%) 2014-2022

TABLE 32 GLOBAL GREEN LASERS MARKET, (\$MILLION), GROWTH (%) 2014-2022

TABLE 33 NORTH AMERICA GREEN LASERS MARKET, (\$MILLION), GROWTH (%) 2014-2022

TABLE 34 EUROPE GREEN LASERS MARKET, (\$MILLION), GROWTH (%) 2014-2022

TABLE 35 ASIA PACIFIC GREEN LASERS MARKET, (\$MILLION), GROWTH (%) 2014-2022

TABLE 36 LAMEA GREEN LASERS MARKET, (\$MILLION), GROWTH (%) 2014-2022

TABLE 37 GLOBAL BLUE LASERS MARKET, (\$MILLION), GROWTH (%) 2014-2022

TABLE 38 NORTH AMERICA BLUE LASERS MARKET, (\$MILLION), GROWTH (%) 2014-2022

TABLE 39 EUROPE BLUE LASERS MARKET, (\$MILLION), GROWTH (%) 2014-2022

TABLE 40 ASIA PACIFIC BLUE LASERS MARKET, (\$MILLION), GROWTH (%) 2014-2022

TABLE 41 LAMEA BLUE LASERS MARKET, (\$MILLION), GROWTH (%) 2014-2022

TABLE 42 GLOBAL SEMICONDUCTOR LASER MARKET FOR OPTICAL STORAGE,



(\$MILLION), GROWTH (%) 2014-2022

TABLE 43 NORTH AMERICA SEMICONDUCTOR LASER MARKET FOR OPTICAL STORAGE, (\$MILLION), GROWTH (%) 2014-2022

TABLE 44 EUROPE SEMICONDUCTOR LASER MARKET FOR OPTICAL STORAGE, (\$MILLION), GROWTH (%) 2014-2022

TABLE 45 ASIA PACIFIC SEMICONDUCTOR LASER MARKET FOR OPTICAL STORAGE, (\$MILLION), GROWTH (%) 2014-2022

TABLE 46 LAMEA SEMICONDUCTOR LASER MARKET FOR OPTICAL STORAGE, (\$MILLION), GROWTH (%) 2014-2022

TABLE 47 GLOBAL SEMICONDUCTOR LASERS MARKET FOR LITHOGRAPHY, (\$MILLION), GROWTH (%) 2014-2022

TABLE 48 NORTH AMERICA SEMICONDUCTOR LASERS MARKET FOR LITHOGRAPHY, (\$MILLION), GROWTH (%) 2014-2022

TABLE 49 EUROPE SEMICONDUCTOR LASERS MARKET FOR LITHOGRAPHY, (\$MILLION), GROWTH (%) 2014-2022

TABLE 50 ASIA PACIFIC SEMICONDUCTOR LASERS MARKET FOR LITHOGRAPHY, (\$MILLION), GROWTH (%) 2014-2022

TABLE 51 LAMEA SEMICONDUCTOR LASERS MARKET FOR LITHOGRAPHY, (\$MILLION), GROWTH (%) 2014-2022

TABLE 52 GLOBAL SEMICONDUCTOR LASERS MARKET FOR HEALTHCARE, (\$MILLION), GROWTH (%) 2014-2022

TABLE 53 NORTH AMERICA SEMICONDUCTOR LASERS MARKET FOR HEALTHCARE, (\$MILLION), GROWTH (%) 2014-2022

TABLE 54 EUROPE SEMICONDUCTOR LASERS MARKET FOR HEALTHCARE, (\$MILLION), GROWTH (%) 2014-2022

TABLE 55 ASIA PACIFIC SEMICONDUCTOR LASERS MARKET FOR HEALTHCARE, (\$MILLION), GROWTH (%) 2014-2022

TABLE 56 LAMEA SEMICONDUCTOR LASERS MARKET FOR HEALTHCARE, (\$MILLION), GROWTH (%) 2014-2022

TABLE 57 GLOBAL SEMICONDUCTOR LASERS MARKET FOR DEFENSE AND R&D, (\$MILLION), GROWTH (%) 2014-2022

TABLE 58 NORTH AMERICA SEMICONDUCTOR LASERS MARKET FOR DEFENSE AND R&D, (\$MILLION), GROWTH (%) 2014-2022

TABLE 59 EUROPE SEMICONDUCTOR LASERS MARKET FOR DEFENSE AND R&D, (\$MILLION), GROWTH (%) 2014-2022

TABLE 60 ASIA PACIFIC SEMICONDUCTOR LASERS MARKET FOR DEFENSE AND R&D, (\$MILLION), GROWTH (%) 2014-2022

TABLE 61 LAMEA SEMICONDUCTOR LASERS MARKET FOR DEFENSE AND R&D, (\$MILLION), GROWTH (%) 2014-2022

- TABLE 62 GLOBAL SEMICONDUCTOR LASERS MARKET FOR SENSORS, (\$MILLION), GROWTH (%) 2014-2022
- TABLE 63 NORTH AMERICA SENSORS SEMICONDUCTOR LASERS MARKET, (\$MILLION), GROWTH (%) 2014-2022
- TABLE 64 EUROPE SEMICONDUCTOR LASERS MARKET FOR SENSORS, (\$MILLION), GROWTH (%) 2014-2022
- TABLE 65 ASIA PACIFIC SEMICONDUCTOR LASERS MARKET FOR SENSORS, (\$MILLION), GROWTH (%) 2014-2022
- TABLE 66 LAMEA SEMICONDUCTOR LASERS MARKET FOR SENSORS, (\$MILLION), GROWTH (%) 2014-2022
- TABLE 67 GLOBAL SEMICONDUCTOR LASERS MARKET FOR DISPLAY, (\$MILLION), GROWTH (%) 2014-2022
- TABLE 68 NORTH AMERICA DISPLAY SEMICONDUCTOR LASERS MARKET, (\$MILLION), GROWTH (%) 2014-2022
- TABLE 69 EUROPE SEMICONDUCTOR LASERS MARKET FOR DISPLAY, (\$MILLION), GROWTH (%) 2014-2022
- TABLE 70 ASIA PACIFIC SEMICONDUCTOR LASERS MARKET FOR DISPLAY, (\$MILLION), GROWTH (%) 2014-2022
- TABLE 71 LAMEA SEMICONDUCTOR LASERS MARKET FOR DISPLAY, (\$MILLION), GROWTH (%) 2014-2022
- TABLE 72 GLOBAL SEMICONDUCTOR LASER MARKET FOR PRINTING, (\$MILLION), GROWTH (%) 2014-2022
- TABLE 73 NORTH AMERICA SEMICONDUCTOR LASER MARKET FOR PRINTING, (\$MILLION), GROWTH (%) 2014-2022
- TABLE 74 EUROPE SEMICONDUCTOR LASER MARKET FOR PRINTING, (\$MILLION), GROWTH (%) 2014-2022
- TABLE 75 ASIA PACIFIC SEMICONDUCTOR LASER MARKET FOR PRINTING, (\$MILLION), GROWTH (%) 2014-2022
- TABLE 76 LAMEA SEMICONDUCTOR LASER MARKET FOR PRINTING, (\$MILLION), GROWTH (%) 2014-2022
- TABLE 77 GLOBAL SEMICONDUCTOR LASER MARKET FOR COMMUNICATION, (\$MILLION), GROWTH (%) 2014-2022
- TABLE 78 NORTH AMERICA SEMICONDUCTOR LASER MARKET FOR COMMUNICATION, (\$MILLION), GROWTH (%) 2014-2022
- TABLE 79 EUROPE SEMICONDUCTOR LASER MARKET FOR COMMUNICATION, (\$MILLION), GROWTH (%) 2014-2022
- TABLE 80 ASIA PACIFIC SEMICONDUCTOR LASER MARKET FOR COMMUNICATION, (\$MILLION), GROWTH (%) 2014-2022
- TABLE 81 LAMEA SEMICONDUCTOR LASER MARKET FOR COMMUNICATION,

(\$MILLION), GROWTH (%) 2014-2022

TABLE 82 GLOBAL SEMICONDUCTOR LASER MARKET FOR OTHER INDUSTRIAL, (\$MILLION), GROWTH (%) 2014-2022

TABLE 83 NORTH AMERICA SEMICONDUCTOR LASER MARKET FOR OTHER INDUSTRIAL, (\$MILLION), GROWTH (%) 2014-2022

TABLE 84 EUROPE SEMICONDUCTOR LASER MARKET FOR OTHER INDUSTRIAL, (\$MILLION), GROWTH (%) 2014-2022

TABLE 85 ASIA PACIFIC SEMICONDUCTOR LASER MARKET FOR OTHER INDUSTRIAL, (\$MILLION), GROWTH (%) 2014-2022

TABLE 86 LAMEA SEMICONDUCTOR LASER MARKET FOR OTHER INDUSTRIAL, (\$MILLION), GROWTH (%) 2014-2022

TABLE 87 NORTH AMERICA SEMICONDUCTOR LASERS MARKET, (\$MILLION), GROWTH (%) 2014-2022

TABLE 88 U.S. SEMICONDUCTOR LASERS MARKET, (\$MILLION), GROWTH (%) 2014-2022

TABLE 89 CANADA SEMICONDUCTOR LASERS MARKET, (\$MILLION), GROWTH (%) 2014-2022

TABLE 90 MEXICO SEMICONDUCTOR LASERS MARKET, (\$MILLION), GROWTH (%) 2014-2022

TABLE 91 EUROPE SEMICONDUCTOR LASERS MARKET, (\$MILLION), GROWTH (%) 2014-2022

TABLE 92 U.K. SEMICONDUCTOR LASERS MARKET, (\$MILLION), GROWTH (%) 2014-2022

TABLE 93 GERMANY SEMICONDUCTOR LASERS MARKET, (\$MILLION), GROWTH (%) 2014-2022

TABLE 94 FRANCE SEMICONDUCTOR LASERS MARKET, (\$MILLION), GROWTH (%) 2014-2022

TABLE 95 ITALY SEMICONDUCTOR LASERS MARKET, (\$MILLION), GROWTH (%) 2014-2022

TABLE 96 REST OF EUROPE SEMICONDUCTOR LASERS MARKET, (\$MILLION), GROWTH (%) 2014-2022

TABLE 97 ASIA-PACIFIC SEMICONDUCTOR LASERS MARKET, (\$MILLION), GROWTH (%) 2014-2022

TABLE 98 CHINA SEMICONDUCTOR LASERS MARKET, (\$MILLION), GROWTH (%) 2014-2022

TABLE 99 JAPAN SEMICONDUCTOR LASERS MARKET, (\$MILLION), GROWTH (%) 2014-2022

TABLE 100 SOUTH KOREA SEMICONDUCTOR LASERS MARKET, (\$MILLION), GROWTH (%) 2014-2022

TABLE 101 AUSTRALIA SEMICONDUCTOR LASERS MARKET, (\$MILLION),  
GROWTH (%) 2014-2022

TABLE 102 INDIA SEMICONDUCTOR LASERS MARKET, (\$MILLION), GROWTH (%)  
2014-2022

TABLE 103 REST OF ASIA-PACIFIC SEMICONDUCTOR LASERS MARKET,  
(\$MILLION), GROWTH (%) 2014-2022

TABLE 104 LAMEA SEMICONDUCTOR LASERS MARKET, (\$MILLION), GROWTH  
(%) 2014-2022

TABLE 105 LATIN AMERICA SEMICONDUCTOR LASERS MARKET, (\$MILLION),  
GROWTH (%) 2014-2022

TABLE 106 MIDDLE EAST SEMICONDUCTOR LASERS MARKET, (\$MILLION),  
GROWTH (%) 2014-2022

TABLE 107 AFRICA SEMICONDUCTOR LASERS MARKET, (\$MILLION), GROWTH  
(%) 2014-2022

TABLE 108. ASML HOLDINGS N.V.: COMPANY SNAPSHOT

TABLE 109. ASML HOLDINGS N.V.: OPERATING SEGMENTS

TABLE 110. COHERENT INC.: COMPANY SNAPSHOT

TABLE 111. COHERENT INC.: OPERATING SEGMENTS

TABLE 112. NEWPORT CORPORATION: COMPANY SNAPSHOT

TABLE 113. NEWPORT CORPORATION: OPERATING SEGMENTS

TABLE 114. SHARP CORPORATION: COMPANY SNAPSHOT

TABLE 115. SHARP CORPORATION: OPERATING SEGMENTS

TABLE 116. SUMITOMO ELECTRIC INDUSTRIES, LTD.: COMPANY SNAPSHOT

TABLE 117. SUMITOMO ELECTRIC INDUSTRIES, LTD.: OPERATING SEGMENTS

TABLE 118. TRUMPF GMBH + CO. KG: COMPANY SNAPSHOT

TABLE 119. TRUMPF GMBH + CO. KG: OPERATING SEGMENTS

TABLE 120. AXCEL PHOTONICS INC.: COMPANY SNAPSHOT

TABLE 121. AXCEL PHOTONICS INC.: OPERATING SEGMENTS

TABLE 122. IPG PHOTONICS CORPORATION: COMPANY SNAPSHOT

TABLE 123. IPG PHOTONICS CORPORATION: OPERATING SEGMENTS

TABLE 124. HANS LASER TECHNOLOGY INDUSTRY GROUP CO. LTD.: COMPANY  
SNAPSHOT

TABLE 125. HANS LASER TECHNOLOGY INDUSTRY GROUP CO. LTD.:  
OPERATING SEGMENTS

TABLE 126. ROFIN-SINAR TECHNOLOGIES INC.: COMPANY SNAPSHOT

TABLE 127. ROFIN-SINAR TECHNOLOGIES INC.: OPERATING SEGMENTS

## List Of Figures

### LIST OF FIGURES

FIG. 1 TOP IMPACTING FACTORS

FIG. 2 TOP WINNING STRATEGIES IN SEMICONDUCTOR LASER MARKET  
(2013-2016)

FIG. 3 TOP WINNING STRATEGIES (%) (2013-2016)

FIG. 4 7TOP INVESTMENT POCKETS

FIG. 5 PORTERS FIVE FORCES ANALYSIS OF SEMICONDUCTOR LASER MARKET

FIG. 6 TOP MILITARY SPENDERS IN THE GLOBAL (2013-2015)

FIG. 7 GLOBAL LASERS MARKET FOR MEDICAL INDUSTRY

FIG. 8 GLOBAL SEMICONDUCTOR LASER MARKET BY TYPE, 2015

FIG. 9 GLOBAL FOR FIBER OPTIC LASERS (FOL) MARKET, YEAR ON YEAR  
GROWTH (%), 2015-2022

FIG. 10 GLOBAL VERTICAL CAVITY SURFACE EMITTING LASERS MARKET  
(VCSEL), YEAR ON YEAR GROWTH (%), 2015-2022

FIG. 11 GLOBAL COMPACT DISC LASERS (CDL) MARKET, YEAR ON YEAR  
GROWTH (%), 2015-2022

FIG. 12 GLOBAL HIGH POWER DIODE LASERS MARKET, YEAR ON YEAR  
GROWTH (%), 2015-2022

FIG. 13 GLOBAL RED LASERS MARKET, YEAR ON YEAR GROWTH (%), 2015-2022

FIG. 14 GLOBAL VIOLET LASERS MARKET, YEAR ON YEAR GROWTH (%),  
2015-2022

FIG. 15 GLOBAL GREEN LASERS MARKET, YEAR ON YEAR GROWTH (%),  
2015-2022

FIG. 16 GLOBAL BLUE LASERS MARKET, YEAR ON YEAR GROWTH (%),  
2015-2022

FIG. 17 GLOBAL SEMICONDUCTOR LASER MARKET BY END-USERS, 2015

FIG. 18 GLOBAL SEMICONDUCTOR LASER MARKET FOR OPTICAL STORAGE  
DEVICES, YEAR ON YEAR GROWTH (%), 2015-2022

FIG. 19 GLOBAL SEMICONDUCTOR LASER MARKET FOR LITHOGRAPHY, YEAR  
ON YEAR GROWTH (%), 2015-2

FIG. 20 GLOBAL SEMICONDUCTOR LASER MARKET FOR HEALTHCARE, YEAR  
ON YEAR GROWTH (%), 2015-2022

FIG. 21 GLOBAL SEMICONDUCTOR LASER MARKET FOR DEFENSE AND R&D,  
YEAR ON YEAR GROWTH (%), 2015-2022

FIG. 22 GLOBAL SEMICONDUCTOR LASER MARKET FOR SENSORS, YEAR ON  
YEAR GROWTH (%), 2015-2022

FIG. 23 GLOBAL SEMICONDUCTOR LASER MARKET FOR DISPLAY SECTOR, YEAR ON YEAR GROWTH (%), 2015-2022

FIG. 24 GLOBAL SEMICONDUCTOR LASER MARKET FOR PRINTING SECTOR, YEAR ON YEAR GROWTH (%), 2015-2022

FIG. 25 GLOBAL SEMICONDUCTOR LASER MARKET FOR COMMUNICATION SECTOR, YEAR ON YEAR GROWTH (%), 2015-2022

FIG. 26 GLOBAL SEMICONDUCTOR LASER MARKET FOR INDUSTRIAL SECTOR, YEAR ON YEAR GROWTH (%), 2015-2022

FIG. 27 GLOBAL SEMICONDUCTOR LASERS MARKET BY GEOGRAPHY, 2015

FIG. 28 NORTH AMERICA SEMICONDUCTOR LASERS MARKET, Y-O-Y (%), 2015

FIG. 29 EUROPE SEMICONDUCTOR LASERS MARKET, Y-O-Y (%), 2015

FIG. 30 ASIA-PACIFIC SEMICONDUCTOR LASERS MARKET, Y-O-Y (%), 2015

FIG. 31 LAMEA SEMICONDUCTOR LASERS MARKET, Y-O-Y (%), 2015

FIG. 32. ASML HOLDINGS N.V.: COMPANY SNAPSHOT

FIG. 33. COHERENT INC.: COMPANY SNAPSHOT

FIG. 34. NEWPORT CORPORATION: COMPANY SNAPSHOT

FIG. 35. SHARP CORPORATION: COMPANY SNAPSHOT

FIG. 36. SUMITOMO ELECTRIC INDUSTRIES, LTD.: COMPANY SNAPSHOT

FIG. 37 TRUMPF GMBH + CO. KG: COMPANY SNAPSHOT

FIG. 38. AXCEL PHOTONICS INC.: COMPANY SNAPSHOT

FIG. 39. IPG PHOTONICS CORPORATION: COMPANY SNAPSHOT

FIG. 40. HANS LASER TECHNOLOGY INDUSTRY GROUP CO. LTD.: COMPANY SNAPSHOT

FIG. 41. ROFIN-SINAR TECHNOLOGIES INC.: COMPANY SNAPSHOT

## I would like to order

Product name: Semiconductor Lasers Market By Type (FOL, VCSEL, CDL, HPDL, Red Lasers, Violet Lasers, Green Lasers, and Blue Lasers) and By End Users Applications (Optical Storage Devices Lithography, Healthcare, Defense and R&D, Sensors, Display, Printing, Communication, and Industrial) - Opportunity Analysis and Industry Forecast, 2014-2022

Product link: <https://marketpublishers.com/r/G6B5F6F6CDFEN.html>

Price: US\$ 4,999.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G6B5F6F6CDFEN.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