

# Optoelectronics - Global Market Outlook (2016-2022)

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## Abstracts

According to Statistics MRC, the Global Optoelectronics Market is accounted for \$xx million in 2015 and expected to grow at a CAGR of xx% to reach \$xx million by 2022. Factors such as Laser transmitters for high-speed optical networks, demand for digital cameras, increase in smart phones sales, low power consumption, growing use of optoelectronic systems in automotive sector and high-capacity batteries in cars are driving the market growth. Surge for Organic LEDs (OLEDs), innovations such as plasmonic nanostructures, perovskite transistors, optically active quantum dots, microscopic light bulbs and inexpensive 3D imaging will provide opportunities for optoelectronics market. However, high cost of energy efficient displays, complex operational usage and cheaper substitute technologies will hamper market growth.

The automotive industry will be the largest market in the application segment. Light emitting diodes (LEDs) segment will command the product segment market. North America commanded the market followed by Europe in terms of revenue. Asia Pacific is the fastest growing market as China and Japan are expected to grow in this field due the increasing demand of laser transmitters.

Some of the key players in global Optoelectronics market are Jameco Electronics, Ltd, Fairchild Semiconductor International Inc, Applied Optoelectronics, Inc, Friedrich Lütze GmbH & Co. KG, MaxWell Technologies, Inc., Vishay Intertechnology Inc, OSI Optoelectronics, Mouser Electronics, OSRAM Opto Semiconductors GmbH & Co, Texas Instruments, Standex Meder Electronics, Inc, Murr Elektronik GmbH, On Semiconductors Corp, Sony Corporation, Samsung Electronics Ltd, Panasonic Corporation, Avago Technologies Ltd, Finisar Corporation, Sharp Corp, Mitsubishi Electric Ltd, Toshiba Corp, San'an Optoelectronics Co., Ltd. and Isocom Components 2004 Ltd.

Applications Covered:

Computers

Consumer electronics

Industrial optical sensing equipment's

Laser equipment

Automotive

Aerospace & Defense

Healthcare

Telecommunication

Laser equipment

Communication paraphernalia

#### Products Covered:

Image Sensor

CCD Image Sensor

CMOS Image Sensor

Invisible Spectrum Image Sensor

Visible Spectrum Image Sensor

Light-emitting diodes (LEDs)

General LED

Organic LED (OLED)

Ultraviolet (UV) LED

Infrared (IR) Component

Infrared (IR) Detector

Infrared Emitting Diode (IRED)

Irda Transceiver

Laser Diode

Blue Laser Diode

Green Laser Diode

Near Infrared (NIR)

Red Laser Diode

Optocouplers

Phototransistor

Photodiode

Photo Relay

Silicon Controlled Rectifier (SCR)

Other Products

Components Covered:

Fiber & cables

Display modules

Storage media

Transceiver modules

Source & detector

Connector & hardware

Solar Cells

Photo Voltaic cells

#### Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

France

Italy

UK

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

Rest of Asia Pacific

Rest of the World

Middle East

Brazil

Argentina

South Africa

Egypt

What our report offers:

Market share assessments for the regional and country level segments

Market share analysis of the top industry players

Strategic recommendations for the new entrants

Market forecasts for a minimum of 7 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

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