

Optoelectronics - Global Market Outlook (2016-2022)

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Abstracts

According to Stratistics 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 plasmanic 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 Electronik 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)

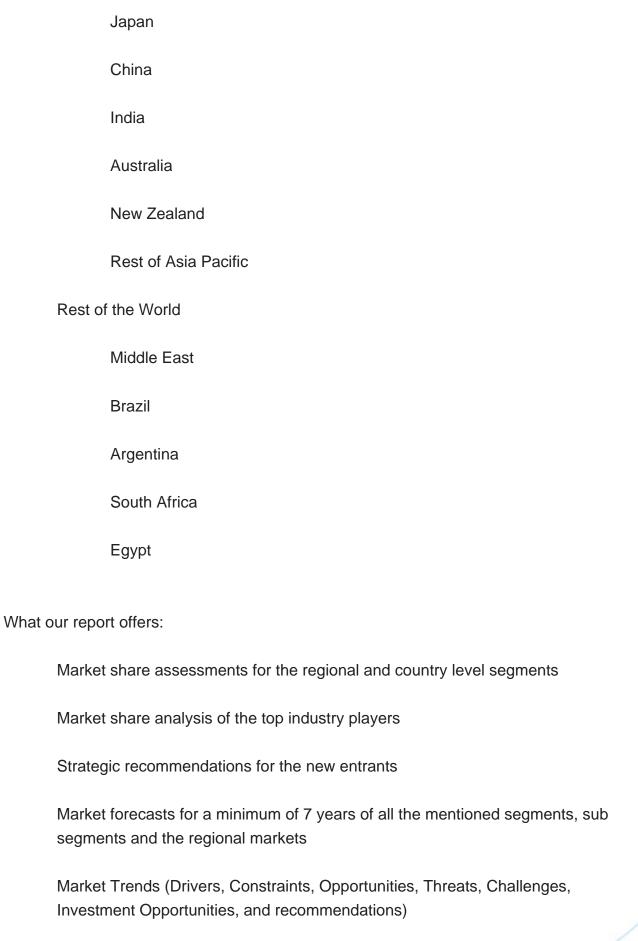


Ultraviolet (UV) LED		
Infrared (IR) Component		
Infrared (IR) Detector		
Infrared Emitting Diode (IRED)		
Irda Transceiver		
Laser Diode		
Blue Laser Diode		
Green Laser Diode		
Near Infrared (NIR)		
Red Laser Diode		
Optocouplers		
Phototransistor		
Photodiode		
Photo Relay		
Silicon Controlled Rectifier (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







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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