

Global Optoelectronics Market - Forecasts from 2019 to 2024

<https://marketpublishers.com/r/G60485F0A83EN.html>

Date: March 2019

Pages: 103

Price: US\$ 3,950.00 (Single User License)

ID: G60485F0A83EN

Abstracts

The global Optoelectronics market is projected to grow at a CAGR of 7.41% to reach US\$56.632 billion by 2024, from US\$36.880 billion in 2018. Optoelectronics or photoelectric components are semiconductor devices which can either produce light or can react to it. The demand for photoelectric components is on the rise during the forecast period owing to an increasing demand for cameras worldwide. Furthermore, increasing penetration of smartphones globally, and constant camera developments in the same will further propel the market growth during the coming years. The Asia Pacific region will hold the largest share in the market and will also grow at a good CAGR during the forecast period owing to the rapid industrialization and rise in the manufacturing activities in the region.

This research study examines the current market trends related to the demand, supply, and sales, in addition to the recent developments. Major drivers, restraints, and opportunities have been covered to provide an exhaustive picture of the market. The analysis presents in-depth information regarding the development, trends, and industry policies and regulations being implemented by the relevant agencies. Further, the overall regulatory framework of the market has been exhaustively covered to offer stakeholders a better understanding of the key factors affecting the overall market environment.

Identification of key industry players in the industry and their revenue contribution to the overall business or relevant segment aligned to the study have been covered as a part of competitive intelligence done through extensive secondary research. Various studies and data published by industry associations, analyst reports, investor presentations, press releases and journals among others have been taken into consideration while conducting the secondary research. Both bottom-up and top-down approaches have

been utilized to determine the market size of the overall market and key segments. The values obtained are correlated with the primary inputs of the key stakeholders in the global optoelectronics value chain. The last step involves complete market engineering which includes analyzing the data from different sources and existing proprietary datasets while using various data triangulation methods for market breakdown and forecasting.

Market intelligence is presented in the form of analysis, charts, and graphics to help the clients in gaining faster and efficient understanding of the optoelectronics market.

Major industry players profiled as part of the report are Texas Instruments Incorporated, Analog Devices, Inc., Maxim Integrated, Renesas Electronics, and NXP Semiconductors, among others.

Segmentation

The Optoelectronics market have been analyzed through following segments:

By Type

- CMOS Image Sensors
- CCD Image Sensors
- Lamps
- Laser Storage Pick-Ups
- Displays
- Couplers
- Others

By End-User Industries

- Communication
- Consumer Electronics
- Automotive
- Manufacturing

By Geography

- Americas
 - USA
 - Canada
 - Brazil
 - Others

Europe Middle East and Africa

Germany

France

United Kingdom

Italy

Others

Asia Pacific

China

Japan

India

Taiwan

Others

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