

# Global Hybrid Photonic Integrated Circuit Market Growth 2018-2023

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## Abstracts

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A photonic integrated circuit (PIC) or integrated optical circuit is a device that integrates multiple (at least two) photonic functions and as such is similar to an electronic integrated circuit.

The wide range applications of hybrid photonic integrated circuits in high-end computing, servers and data centres, military and aerospace, and medical devices, along with tablets, smartphones, and gaming devices drive the hybrid photonic integrated circuit technology in the market.

Over the next five years, LPI(LP Information) projects that Hybrid Photonic Integrated Circuit will register a xx% CAGR in terms of revenue, reach US\$ xx million by 2023, from US\$ xx million in 2017.

In this report, LP Information covers the present scenario (with the base year being 2017) and the growth prospects of global Hybrid Photonic Integrated Circuit market for 2018-2023.

This report presents a comprehensive overview, market shares, and growth opportunities of Hybrid Photonic Integrated Circuit market by product type, application, key manufacturers and key regions.

To calculate the market size, LP Information considers value and volume generated from the sales of the following segments:

Segmentation by product type:

Sensing

Biophotonics

Optical Signal Processing

Segmentation by application:

Optical Fiber Communications

Optical Fiber Sensor

Biomedical

Quantum Computing (datacenters)

Metrology

Submarines

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Spain

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The report also presents the market competition landscape and a corresponding detailed analysis of the major vendor/manufacturers in the market. The key manufacturers covered in this report:

Infinera

NeoPhotonics

Huawei

OneChip Photonics

Intel

Broadcom

Oclaro

VIAVI Solutions

Ciena

In addition, this report discusses the key drivers influencing market growth, opportunities, the challenges and the risks faced by key manufacturers and the market as a whole. It also analyzes key emerging trends and their impact on present and future development.

#### Research objectives

To study and analyze the global Hybrid Photonic Integrated Circuit consumption (value & volume) by key regions/countries, product type and application, history data from 2013 to 2017, and forecast to 2023.

To understand the structure of Hybrid Photonic Integrated Circuit market by identifying its various subsegments.

Focuses on the key global Hybrid Photonic Integrated Circuit manufacturers, to define, describe and analyze the sales volume, value, market share, market competition landscape, SWOT analysis and development plans in next few years.

To analyze the Hybrid Photonic Integrated Circuit with respect to individual

growth trends, future prospects, and their contribution to the total market.

To share detailed information about the key factors influencing the growth of the market (growth potential, opportunities, drivers, industry-specific challenges and risks).

To project the consumption of Hybrid Photonic Integrated Circuit submarkets, with respect to key regions (along with their respective key countries).

To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

To strategically profile the key players and comprehensively analyze their growth strategies.

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