

Global Photonic Integrated Circuit (IC) 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.

Photonic IC Market size is anticipated to grow owing to advantages of the components such as cost-effectiveness and enhanced functionalities.

According to this study, over the next five years the Photonic Integrated Circuit (IC) market will register a xx% CAGR in terms of revenue, the global market size will reach US\$ xx million by 2023, from US\$ xx million in 2017. In particular, this report presents the global market share (sales and revenue) of key companies in Photonic Integrated Circuit (IC) business, shared in Chapter 3.

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

This study considers the Photonic Integrated Circuit (IC) value and volume generated from the sales of the following segments:

Segmentation by product type: breakdown data from 2013 to 2018, in Section 2.3; and forecast to 2023 in section 11.7.

Lithium Niobate

Silica on Silicon

Silicon on Insulator

Indium Phosphide

Allium Arsenide

Segmentation by application: breakdown data from 2013 to 2018, in Section 2.4; and forecast to 2023 in section 11.8.

Optical Fiber Communication

Optical Fiber Sensors

Biomedical

Quantum Computing

Others

This report also splits the market by region: Breakdown data in Chapter 4, 5, 6, 7 and 8.

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: Breakdown data in in Chapter 3.

Infinera

MACOM

Mellanox Technologies

Luxtera

Oclaro

Kotura

NeoPhotonics

Finisar

DS Uniphase

Alcatel-Lucent

Avago Technologies

Lumerical

Aifotec

Ciena

Huawei Technologies

Intel

TE Connectivity

Agilent Technologies

OneChip Photonics

Emcore Co

Viavi Solutions Inc

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 Photonic Integrated Circuit (IC) 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 Photonic Integrated Circuit (IC) market by identifying its various subsegments.

Focuses on the key global Photonic Integrated Circuit (IC) 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 Photonic Integrated Circuit (IC) 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 Photonic Integrated Circuit (IC) 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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