

Photonic Integrated Circuit (IC) - Global Market Outlook (2016-2022)

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Abstracts

According to Stratistics MRC, the Global Photonic Integrated Circuit (IC) market is estimated at \$ 366.47 million in 2015 and is expected to reach \$2458.90 million by 2022 growing at a CAGR of 31.3% from 2015 to 2022. Increase in level of integration and decrease in size of the devices are the key factors fueling the market growth. Low level of digitalization is restraining the market. Demand for Photonic technology is major opportunity for the market.

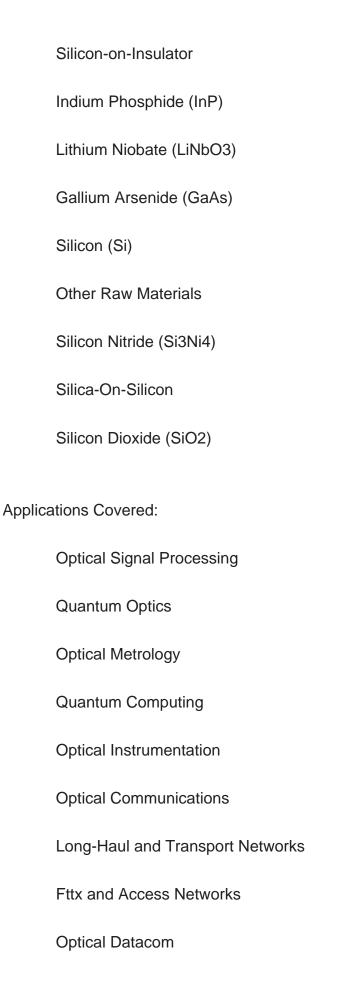
In raw material segment, indium phosphide (InP) holds the largest market share owing to demand for high speed data transmission. But Silica-on-Silicon segment is anticipated to grow at highest CAGR during forecast period. Optical communication in application commanded owing to increase data users, Whereas Optical signal processing is expected to hold the largest share during forecast period. In component, Lasers segment holds the largest market share and Multiplexers/De-Multiplexers is anticipated to be move at highest CAGR.

North America leads the global Photonic Integrated Circuit (IC) market in 2015. Asia-Pacific region is a prospective market and is anticipated to make a quick market growth due to rapid development taking place in biophotonics.

Some of the key players in the market include Te Connectivity, Hewlett-Packard, Onechip, Photonics, Finisar Corporation, Oclaro, Enablence Technologies, Neophotonics Corporation, Emcore Corporation, Luxtera, Cyoptics, Kotura, Ciena Corporation, Kaiam Corporation, Avago Technologies, Jds Uniphase Corporation, Alcatel-Lucent, Intel Corporation, Aifotec Ag, Infinera Corporation, Agilent Technologies.

Raw Materials Covered:





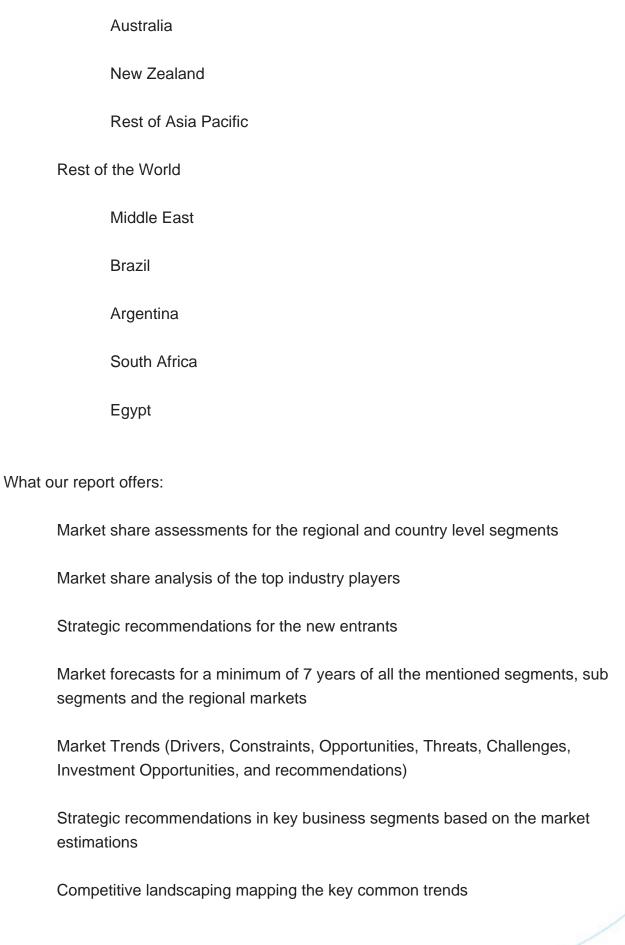


N	Microwave/RF Photonics
Е	Biophotonics
P	Analytics and Diagnostics
N	Medical Instrumentation
C	Optical Biosensors
F	Photonic Lab-On-A-Chip
8	Sensing
Т	Fransport and Aerospace
8	Structural Engineering
E	Energy and Utilities
C	Chemical Sensors
Integration Types Covered:	
N	Module Integration
H	Hybrid Integration (Packaging Integration)
N	Monolithic Integration
Components Covered:	
N	Multiplexers/De-Multiplexers
[Detectors
L	Lasers



Optical Amplifiers			
Modulators			
Attenuators			
Regions Covered:			
North America			
US			
Canada			
Mexico			
Europe			
Germany			
France			
Italy			
UK			
Spain			
Rest of Europe			
Asia Pacific			
Japan			
China			
India			







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