

Global Optical MEMS Market 2018 by Manufacturers, Regions, Type and Application, Forecast to 2023

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Abstracts

Micro-Opto-Electro-Mechanical Systems (MOEMS) are not a special class of Micro-Electro-Mechanical Systems (MEMS) but rather the combination of MEMS merged with Micro-optics; this involves sensing or manipulating optical signals on a very small size scale using integrated mechanical, optical, and electrical systems. MOEMS includes a wide variety of devices including optical switch, optical cross-connect, tunable VCSEL, microbolometers amongst others. These devices are usually fabricated using micro-optics and standard micromachining technologies using materials like silicon, silicon dioxide, silicon nitride and gallium arsenide.

SCOPE OF THE REPORT:

This report focuses on the Optical MEMS in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application. Optical MEMS are used to enhance the capabilities of optical storage, optical imaging, and displays and improve optical communications of photonic devices. Apart from these applications, optical MEMS are also used in micro scanning applications.

The worldwide market for Optical MEMS is expected to grow at a CAGR of roughly xx% over the next five years, will reach xx million US\$ in 2023, from xx million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

STMicroelectronics

Analog Devices

Freescale Semiconductor

Texas Instruments

Boston Micromachines

Memscap

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Projection systems

Microbolometers

Other optical MEMS

Market Segment by Applications, can be divided into

Automotive

Consumer Electronics

Defense

Industrial

Healthcare

Telecom

Aerospace

There are 15 Chapters to deeply display the global Optical MEMS market.

Chapter 1, to describe Optical MEMS Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Optical MEMS, with sales, revenue, and price of Optical MEMS, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Optical MEMS, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Optical MEMS market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Optical MEMS sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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