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2018 Top 5 Optocouplers Players in North America, Europe, Asia-Pacific, South America, Middle East and Africa

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Abstracts

An optocouplers, also called opto-isolator, optical coupler, opto coupler, photocoupler or optocouplers, is a passive optical component that can combine or split transmission data (optical power) from optical fibers. It is an electronic device which is designed to transfer electrical signals by using light waves in order to provide coupling with electrical isolation between its input and output. The main purpose of an optocoupler is to prevent rapidly changing voltages or high voltages on one side of a circuit from distorting transmissions or damaging components on the other side of the circuit.
An optocoupler contains a light source often near an LED which converts electrical input signal into light, a closed optical channel and a photosensor, which detects incoming light and either modulates electric current flowing from an external power supply or generates electric energy directly. The sensor can either be a photoresistor, a silicon-controlled rectifier, a photodiode, a phototransistor or a triac.

The market is driven by various end-user industries, such as Telecommunications, Cable TV, Military and Aerospace, Industrial Motors, Automotive and others (computers and office equipment, plasma displays).

The market for Optocouplers is fragmented with players such as Fairchild, Toshiba, Avago (FIT), Vishay Intertechnology, Renesas, Sharp, ISOCOM, LiteOn, Everlight Electronics, Standex-Meder, Electronics, IXYS Corporation, Kingbright Electronic, NTE Electronics, Plus Opto, etc. The industry is expected to remain innovation-led, with frequent acquisitions and strategic alliances adopted as the key strategies by the players to increase their industry presence. Meanwhile, optimize product mix and further develop value-added capabilities to maximize margins.

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The unique characteristics of Optocouplers, together with their growing significance in multi-channel and bi-directional applications, are anticipated to boost sales. Manufacturers can take advantage of this situation by reinforcing their production units and supply-chains to avoid any delay in production turn-around-times (TAT) and supply-lead-times.

Over the next five years, LPI(LP Information) projects that Optocouplers will register a 8.3% CAGR in terms of revenue, reach US$ 4780 million by 2023, from US$ 2970 million in 2017.

This report studies the global market, especially in North America, Europe, Asia-Pacific, South America, Middle East and Africa, focuses on the top 5 players in each region, with sales, price, revenue and market share from 2013 to 2018, the top players:

Fairchild

Toshiba

Avago (FIT)

Vishay Intertechnology

Renesas

Sharp

ISOCOM

LiteOn

Everlight Electronics

Standex-Meder Electronics

IXYS Corporation

Kingbright Electronic

NTE Electronics

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Plus Opto

Market Segment by Regions, this report splits Global into several key Regions, with sales, revenue, market share of top players in these regions, from 2013 to 2018 (forecast), like

North America (United States, Canada and Mexico)

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

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

South America (Brazil, Chile, Peru and Argentina)

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

Split by Product Types, with sales, revenue, price, market share of each type, can be divided into

Non-linear Optocouplers

Linear Optocouplers

Split by applications, this report focuses on sales, market share and growth rate in each application, can be divided into

Telecommunications

Cable TV

Military and Aerospace

Industrial Motors

Automotive

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Others

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