



**Global and China Optoelectronic Device
Industry Report, 2014-2016**

July 2014

STUDY GOAL AND OBJECTIVES

This report provides the industry executives with strategically significant competitor information, analysis, insight and projection on the competitive pattern and key companies in the industry, crucial to the development and implementation of effective business, marketing and R&D programs.

REPORT OBJECTIVES

- ◆ To establish a comprehensive, factual, annually updated and cost-effective information base on market size, competition patterns, market segments, goals and strategies of the leading players in the market, reviews and forecasts.
- ◆ To assist potential market entrants in evaluating prospective acquisition and joint venture candidates.
- ◆ To complement the organizations' internal competitor information gathering efforts with strategic analysis, data interpretation and insight.
- ◆ To suggest for concerned investors in line with the current development of this industry as well as the development tendency.
- ◆ To help company to succeed in a competitive market, and

METHODOLOGY

Both primary and secondary research methodologies were used in preparing this study. Initially, a comprehensive and exhaustive search of the literature on this industry was conducted. These sources included related books and journals, trade literature, marketing literature, other product/promotional literature, annual reports, security analyst reports, and other publications. Subsequently, telephone interviews or email correspondence was conducted with marketing executives etc. Other sources included related magazines, academics, and consulting companies.

INFORMATION SOURCES

The primary information sources include Company Reports, and National Bureau of Statistics of China etc.

Abstract

Optoelectronic device refers to various functional devices made through the electricity-photon conversion effect, widely used in communications, solar energy, industrial laser, LED and other fields.

The report mainly focuses on optoelectronic devices for communication applications. In 2013, the worldwide communication optoelectronic device industry registered revenue of USD7.2 billion, up 7.5% on year-on-year basis (an increase of 6 percentage points compared to last year).

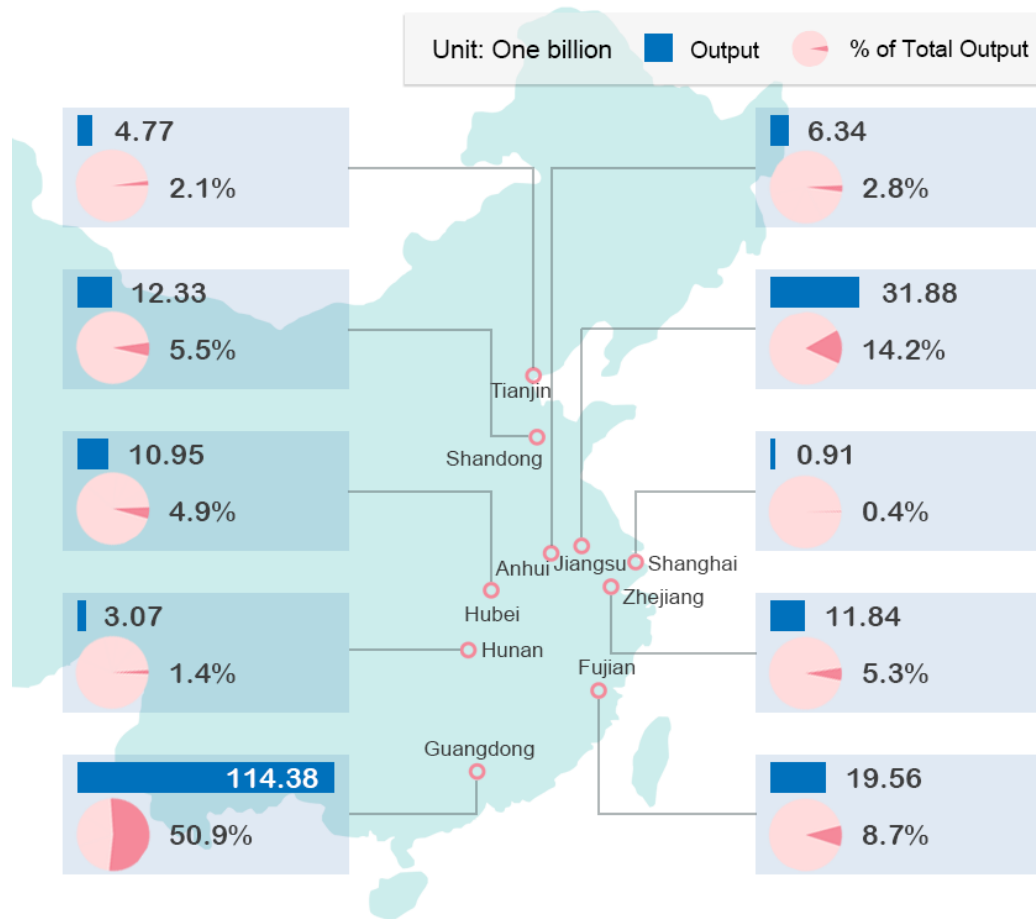
Global communication optoelectronic device manufacturers are concentrated in a handful of countries or regions such as the United States, Japan, Taiwan and China. In 2013, the world's top five manufacturers occupied an around 48.2% market share. And preponderant enterprises are constantly improving the industrial chain through mergers and acquisitions to sharpen their competitiveness. On June 28, 2013, for example, Avago completed the acquisition of the indium phosphide (InP) optical chip and component technology

supplier – CyOptics with USD377 million; later, it announced on December 17, 2013 the takeover of LSI, a storage-on-chip giant, at a price of USD6.6 billion.

Given the advantage of labor cost as well as the huge demand potential, China has become a worldwide leading production base of optoelectronic devices for Finisar, Avago and other foreign tycoons. In 2013, Finisar earned USD229.2 million in revenue from the Chinese market, surging 34% year on year; Avago also reported 19% revenue growth in China.

China's production of optoelectronic devices presented explosive growth during the years 2008-2013, at a CAGR of 40.3%. In 2013, the output saw a slowdown in the growth rate but still sustained high-speed upward migration, up 31.5% year on year, which even hit 50.9% in the first half of 2014. From the regional perspective, optoelectronic device production bases are primarily located in Guangdong and Jiangsu provinces, which have contributed a combined 65.1% to China's total output in the first half of 2014.

Output of Optoelectronics Device by Region in China, 2014H1



Source: Global and China Optoelectronics Device Industry Report, 2014-2016; ResearchInChina

Global and China Optoelectronic Device Industry Report, 2014-2016 mainly contains the followings:

- ✘ Supply and demand, downstream market, major countries/regions (USA, Japan and Taiwan), etc. of global optoelectronic device industry;
- ✘ Policy environment, supply and demand, competition pattern, trends, etc. of China optoelectronic device industry;
- ✘ Operation, optoelectronic device business, development in China, etc. of 11 key optoelectronic device manufacturers worldwide (involving USA, Japan, China and Taiwan).

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