

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) TFT-LCD Photomask Market 2018, Forecast to 2023

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Abstracts

TFT-LCD Photomask market. Photomask consists of a fused silica (QZ) or, glass (SL) substrate coated with an opaque film, in to which an accurate replication of the device designer's pattern is etched. Photomask has a similar function as a film used in photography. Just like the identical pictures are printed from the film, photomask can reproduce thousands of circuits and patterns. The photolithography technique is employed in the photomask manufacturing process to create chrome pattern on a quartz substrate. The finished photomask is then used as photographic plates for LSI, LCD, PCB, etc.

SCOPE OF THE REPORT:

This report focuses on the TFT-LCD Photomask 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.

Owing to the increasing popularization of flat-panel TVs, the LCD panel market has grown substantially during the past ten years. As part of this trend, photomasks have also become larger year by year in response to the development of TVs with larger screens.

At present, in developed countries, the Photomask industry is generally at a more advanced level. The world's large enterprises are mainly concentrated in Japan and Taiwan. Meanwhile, foreign companies have more advanced equipment, strong R & D capability, and leading technical level. However, foreign companies' manufacturing cost is relatively higher, compared with Chinese companies. With the development of Chinese LCD panel line, their share in the international market is increasing, and competitiveness in the international market gradually increases.

Panel manufacturers in South Korea and other regions are planning to continue to shut down old LCD panel production lines. While an overall shift to OLED production lines is expected, manufacturers in China are planning to investment in LCD panel lines. BOE Technology Group, China's largest LCD panel manufacturer, announced plans to build the world's largest Gen-10.5 LCD panel fabrication plant that will use glass substrates. In addition, China Star Optoelectronics Technology (CSOT) revealed plans to construct a Gen-11 TFT-LCD panel fabrication plant. LCD panel production capacity in China is forecast to surpass that of South Korea and Taiwan combined. China's Photomask industry has developed into a national wide status with certain research and production capacity, industry product mix has gradually improved, currently. China has become a large international consumption region of Photomask, but the production technology is relatively laggard to produce some low-end product. Although the new production lines are increasing, and the high-end product is still relying on import. Our research team believe that the development of Photomask for LCD depend on the growth in China.

The worldwide market for TFT-LCD Photomask is expected to grow at a CAGR of roughly 1.6% over the next five years, will reach 1040 million US\$ in 2023, from 960 million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

Hoya Corporation

Dai Nippon Printing Co., Ltd

SK-Electronics

Toppan Photomasks, Inc

Photronics(PKL)

LG Innotek

Shenzhen Qingyi Photomask

Shenzhen Newway Photomask

Taiwan Mask Corporation

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

Quartz Base

Soda Lime Base

Other (film)

Market Segment by Applications, can be divided into

LCD TV

Smartphone

LCD Monitor

Notebook and Tablet

Other

There are 15 Chapters to deeply display the global TFT-LCD Photomask market.

Chapter 1, to describe TFT-LCD Photomask Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of TFT-LCD Photomask, with sales, revenue, and price of TFT-LCD Photomask, 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 TFT-LCD Photomask, 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, TFT-LCD Photomask market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe TFT-LCD Photomask sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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