

Photomask Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

The global photomask market size reached US\$ 4.7 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 6.1 Billion by 2028, exhibiting a growth rate (CAGR) of 4.44% during 2022-2028.

Photomasks are image-transferring tools made by exposing or writing the pattern onto a resist coated chrome blank device. They comprise solid, transparent substrates that show an opaque coating on the surface. They are available in various types and find numerous applications, which include the microlithography process and integrated circuits (ICs). With transistors getting compact and advanced, photomasks nowadays are widely utilized for accurately transferring patterns to silicon wafers.

Photomask Market Trends:

Semiconductors are essential components used in the manufacturing of modern electronics. This, coupled with the escalating demand for consumer electronics, such as mobile phones, notebooks, and wearables, represents one of the major factors impelling the market growth. It can also be attributed to the growing popularity of smart homes and miniature electronics, along with the rising penetration of the Internet. Moreover, photomasks are extensively utilized in the production of optical devices, electro-optical devices, hybrid circuitry, resistor networks, liquid crystal displays (LCDs), and microelectromechanical systems (MEMS). This, in confluence with the rising demand for fast computing memories and processors, is contributing to the market growth. Furthermore, the emerging trend of automation in industrial processes is positively influencing the adoption of photomasks to enable digital transformation. They also assist in improving product quality, facilitating uniform production, and obtaining safe, fast, and efficient operations, which is propelling the overall product demand.

Apart from this, boosting sales of vehicles, in confluence with the increasing focus on improving communication (VC) and safety systems, are driving the use of photomasks in the automotive industry. Furthermore, expanding applications of photomasks in the defense and military and healthcare industries are projected to provide lucrative growth opportunities to market players.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global photomask market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on product, mask shop type and application.

Breakup by Product:

- Reticle
- Master
- Others

Breakup by Mask Shop Type:

- Captive
- Merchant

Breakup by Application:

- Optical Devices
- Discrete Components
- Displays
- MEMS
- Others

Breakup by Region:

- North America
 - United States
 - Canada
- Asia-Pacific
 - China
 - Japan

India
South Korea
Australia
Indonesia
Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Advance Reproductions Corp., Applied Materials Inc., HOYA Corporation, Infinite Graphics Incorporated, KLA Corporation, LG Innotek Co. Ltd, Mycronic AB (publ), Nippon Filcon Co. Ltd., Photronics Inc., SK-Electronics Co. Ltd., Taiwan Mask Corporation and Toppan Printing Co. Ltd.

Key Questions Answered in This Report

1. How big is the global photomask market?
2. What is the expected growth rate of the global photomask market during 2023-2028?
3. What are the key factors driving the global photomask market?
4. What has been the impact of COVID-19 on the global photomask market?
5. What is the breakup of the global photomask market based on the product?
6. What is the breakup of the global photomask market based on the mask shop type?
7. What is the breakup of the global photomask market based on the application?
8. What are the key regions in the global photomask market?
9. Who are the key players/companies in the global photomask market?

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