

Global Photomask Market by Size, by Type, by Application, by Region, History and Forecast 2019-2030

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Abstracts

Photomasks are high-purity quartz or glass plates that contain a pattern of ICs. These are used in the reproduction of pattern structures for manufacturing printed circuit boards, electronic circuits, and LCD displays, and for the serial production of reticles and other microstructures.

Photomasks are used at wavelengths of 365 nm, 248 nm, and 193 nm. ICs are manufactured layer by layer, where each layer requires a unique photomask. As current generation ICs typically have 25-60 layers, the manufacturing process of photomasks has become complex.

According to APO Research, The global Photomask market is projected to grow from US\$ million in 2024 to US\$ million by 2030, at a Compound Annual Growth Rate (CAGR) of % during the forecast period.

Global core photomask manufacturers include Photronics, Toppan etc. The top 3 companies hold a share about 36%.

Asia-Pacific is the largest market, with a share over 73%, followed by North America, both have a share about 20 percent.

In terms of product, quartz mask is the largest segment, with a share over 95%. And in terms of application, the largest application is semiconductor, followed by flat panel display, touch industry, circuit board.

In terms of production side, this report researches the Photomask production, growth

rate, market share by manufacturers and by region (region level and country level), from 2019 to 2024, and forecast to 2030.

In terms of consumption side, this report focuses on the sales of Photomask by region (region level and country level), by company, by type and by application. from 2019 to 2024 and forecast to 2030.

This report presents an overview of global market for Photomask, capacity, output, revenue and price. Analyses of the global market trends, with historic market revenue or sales data for 2019 - 2023, estimates for 2024, and projections of CAGR through 2030.

This report researches the key producers of Photomask, also provides the consumption of main regions and countries. Of the upcoming market potential for Photomask, and key regions or countries of focus to forecast this market into various segments and sub-segments. Country specific data and market value analysis for the U.S., Canada, Mexico, Brazil, China, Japan, South Korea, Southeast Asia, India, Germany, the U.K., Italy, Middle East, Africa, and Other Countries.

This report focuses on the Photomask sales, revenue, market share and industry ranking of main manufacturers, data from 2019 to 2024. Identification of the major stakeholders in the global Photomask market, and analysis of their competitive landscape and market positioning based on recent developments and segmental revenues. This report will help stakeholders to understand the competitive landscape and gain more insights and position their businesses and market strategies in a better way.

This report analyzes the segments data by type and by application, sales, revenue, and price, from 2019 to 2030. Evaluation and forecast the market size for Photomask sales, projected growth trends, production technology, application and end-user industry.

Descriptive company profiles of the major global players, including Photronics, Toppan, DNP, Hoya, SK-Electronics, LG Innotek, ?????, ????? and Nippon Filcon, etc.

Photomask segment by Company

Photronics

Toppan

DNP

Hoya

SK-Electronics

LG Innotek

????

????

Nippon Filcon

Compugraphics

????

Photomask segment by Type

Quartz Mask

Soda Mask

Toppan

Film

Photomask segment by Application

Semiconductor

Flat Panel Display

Touch Industry

Circuit Board

Photomask segment by Region

North America

U.S.

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

Middle East & Africa

Turkey

Saudi Arabia

UAE

Study Objectives

1. To analyze and research the global status and future forecast, involving, production, value, consumption, growth rate (CAGR), market share, historical and forecast.
2. To present the key manufacturers, capacity, production, revenue, market share, and Recent Developments.
3. To split the breakdown data by regions, type, manufacturers, and Application.
4. To analyze the global and key regions market potential and advantage, opportunity and challenge, restraints, and risks.
5. To identify significant trends, drivers, influence factors in global and regions.
6. To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Photomask market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of Photomask and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market.
5. This report helps stakeholders to gain insights into which regions to target globally.
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Photomask.
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1: Provides an overview of the Photomask market, including product definition, global market growth prospects, production value, capacity, and average price forecasts (2019-2030).

Chapter 2: Analysis key trends, drivers, challenges, and opportunities within the global Photomask industry.

Chapter 3: Detailed analysis of Photomask market competition landscape. Including

Photomask manufacturers' output value, output and average price from 2019 to 2024, as well as competition analysis indicators such as origin, product type, application, merger and acquisition information, etc.

Chapter 4: Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 5: Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 6: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 7: Production/Production Value of Photomask by region. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 8: Consumption of Photomask in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

Chapter 9: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10: Concluding Insights of the report.

Contents

1 MARKET OVERVIEW

- 1.1 Product Definition
- 1.2 Global Market Growth Prospects
 - 1.2.1 Global Photomask Production Value Estimates and Forecasts (2019-2030)
 - 1.2.2 Global Photomask Production Capacity Estimates and Forecasts (2019-2030)
 - 1.2.3 Global Photomask Production Estimates and Forecasts (2019-2030)
 - 1.2.4 Global Photomask Market Average Price (2019-2030)
- 1.3 Assumptions and Limitations
- 1.4 Study Goals and Objectives

2 GLOBAL PHOTOMASK MARKET DYNAMICS

- 2.1 Photomask Industry Trends
- 2.2 Photomask Industry Drivers
- 2.3 Photomask Industry Opportunities and Challenges
- 2.4 Photomask Industry Restraints

3 PHOTOMASK MARKET BY MANUFACTURERS

- 3.1 Global Photomask Production Value by Manufacturers (2019-2024)
- 3.2 Global Photomask Production by Manufacturers (2019-2024)
- 3.3 Global Photomask Average Price by Manufacturers (2019-2024)
- 3.4 Global Photomask Industry Manufacturers Ranking, 2022 VS 2023 VS 2024
- 3.5 Global Photomask Key Manufacturers Manufacturing Sites & Headquarters
- 3.6 Global Photomask Manufacturers, Product Type & Application
- 3.7 Global Photomask Manufacturers Commercialization Time
- 3.8 Market Competitive Analysis
 - 3.8.1 Global Photomask Market CR5 and HHI
 - 3.8.2 Global Top 5 and 10 Photomask Players Market Share by Production Value in 2023
 - 3.8.3 2023 Photomask Tier 1, Tier 2, and Tier

4 PHOTOMASK MARKET BY TYPE

- 4.1 Photomask Type Introduction
 - 4.1.1 Quartz Mask

- 4.1.2 Soda Mask
- 4.1.3 Toppan
- 4.1.4 Film
- 4.2 Global Photomask Production by Type
 - 4.2.1 Global Photomask Production by Type (2019 VS 2023 VS 2030)
 - 4.2.2 Global Photomask Production by Type (2019-2030)
 - 4.2.3 Global Photomask Production Market Share by Type (2019-2030)
- 4.3 Global Photomask Production Value by Type
 - 4.3.1 Global Photomask Production Value by Type (2019 VS 2023 VS 2030)
 - 4.3.2 Global Photomask Production Value by Type (2019-2030)
 - 4.3.3 Global Photomask Production Value Market Share by Type (2019-2030)

5 PHOTOMASK MARKET BY APPLICATION

- 5.1 Photomask Application Introduction
 - 5.1.1 Semiconductor
 - 5.1.2 Flat Panel Display
 - 5.1.3 Touch Industry
 - 5.1.4 Circuit Board
- 5.2 Global Photomask Production by Application
 - 5.2.1 Global Photomask Production by Application (2019 VS 2023 VS 2030)
 - 5.2.2 Global Photomask Production by Application (2019-2030)
 - 5.2.3 Global Photomask Production Market Share by Application (2019-2030)
- 5.3 Global Photomask Production Value by Application
 - 5.3.1 Global Photomask Production Value by Application (2019 VS 2023 VS 2030)
 - 5.3.2 Global Photomask Production Value by Application (2019-2030)
 - 5.3.3 Global Photomask Production Value Market Share by Application (2019-2030)

6 COMPANY PROFILES

- 6.1 Photronics
 - 6.1.1 Photronics Company Information
 - 6.1.2 Photronics Business Overview
 - 6.1.3 Photronics Photomask Production, Value and Gross Margin (2019-2024)
 - 6.1.4 Photronics Photomask Product Portfolio
 - 6.1.5 Photronics Recent Developments
- 6.2 Toppan
 - 6.2.1 Toppan Company Information
 - 6.2.2 Toppan Business Overview

- 6.2.3 Toppan Photomask Production, Value and Gross Margin (2019-2024)
- 6.2.4 Toppan Photomask Product Portfolio
- 6.2.5 Toppan Recent Developments
- 6.3 DNP
 - 6.3.1 DNP Company Information
 - 6.3.2 DNP Business Overview
 - 6.3.3 DNP Photomask Production, Value and Gross Margin (2019-2024)
 - 6.3.4 DNP Photomask Product Portfolio
 - 6.3.5 DNP Recent Developments
- 6.4 Hoya
 - 6.4.1 Hoya Company Information
 - 6.4.2 Hoya Business Overview
 - 6.4.3 Hoya Photomask Production, Value and Gross Margin (2019-2024)
 - 6.4.4 Hoya Photomask Product Portfolio
 - 6.4.5 Hoya Recent Developments
- 6.5 SK-Electronics
 - 6.5.1 SK-Electronics Company Information
 - 6.5.2 SK-Electronics Business Overview
 - 6.5.3 SK-Electronics Photomask Production, Value and Gross Margin (2019-2024)
 - 6.5.4 SK-Electronics Photomask Product Portfolio
 - 6.5.5 SK-Electronics Recent Developments
- 6.6 LG Innotek
 - 6.6.1 LG Innotek Company Information
 - 6.6.2 LG Innotek Business Overview
 - 6.6.3 LG Innotek Photomask Production, Value and Gross Margin (2019-2024)
 - 6.6.4 LG Innotek Photomask Product Portfolio
 - 6.6.5 LG Innotek Recent Developments
- 6.7 ????
- 6.7.1 ????
- 6.7.2 ????
- 6.7.3 ????
- 6.7.4 ????
- 6.7.5 ????
- 6.8 ????
- 6.8.1 ????
- 6.8.2 ????
- 6.8.3 ????
- 6.8.4 ????
- 6.8.5 ????

6.9 Nippon Filcon

6.9.1 Nippon Filcon Company Information

6.9.2 Nippon Filcon Business Overview

6.9.3 Nippon Filcon Photomask Production, Value and Gross Margin (2019-2024)

6.9.4 Nippon Filcon Photomask Product Portfolio

6.9.5 Nippon Filcon Recent Developments

6.10 Compugraphics

6.10.1 Compugraphics Company Information

6.10.2 Compugraphics Business Overview

6.10.3 Compugraphics Photomask Production, Value and Gross Margin (2019-2024)

6.10.4 Compugraphics Photomask Product Portfolio

6.10.5 Compugraphics Recent Developments

6.11 ?????

6.11.1 ???? Company Information

6.11.2 ???? Business Overview

6.11.3 ???? Photomask Production, Value and Gross Margin (2019-2024)

6.11.4 ???? Photomask Product Portfolio

6.11.5 ???? Recent Developments

7 GLOBAL PHOTOMASK PRODUCTION BY REGION

7.1 Global Photomask Production by Region: 2019 VS 2023 VS 2030

7.2 Global Photomask Production by Region (2019-2030)

7.2.1 Global Photomask Production by Region: 2019-2024

7.2.2 Global Photomask Production by Region (2025-2030)

7.3 Global Photomask Production by Region: 2019 VS 2023 VS 2030

7.4 Global Photomask Production Value by Region (2019-2030)

7.4.1 Global Photomask Production Value by Region: 2019-2024

7.4.2 Global Photomask Production Value by Region (2025-2030)

7.5 Global Photomask Market Price Analysis by Region (2019-2024)

7.6 Regional Production Value Trends (2019-2030)

7.6.1 North America Photomask Production Value (2019-2030)

7.6.2 Europe Photomask Production Value (2019-2030)

7.6.3 Asia-Pacific Photomask Production Value (2019-2030)

7.6.4 Latin America Photomask Production Value (2019-2030)

7.6.5 Middle East & Africa Photomask Production Value (2019-2030)

8 GLOBAL PHOTOMASK CONSUMPTION BY REGION

8.1 Global Photomask Consumption by Region: 2019 VS 2023 VS 2030

8.2 Global Photomask Consumption by Region (2019-2030)

8.2.1 Global Photomask Consumption by Region (2019-2024)

8.2.2 Global Photomask Consumption by Region (2025-2030)

8.3 North America

8.3.1 North America Photomask Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

8.3.2 North America Photomask Consumption by Country (2019-2030)

8.3.3 U.S.

8.3.4 Canada

8.4 Europe

8.4.1 Europe Photomask Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

8.4.2 Europe Photomask Consumption by Country (2019-2030)

8.4.3 Germany

8.4.4 France

8.4.5 U.K.

8.4.6 Italy

8.4.7 Netherlands

8.5 Asia Pacific

8.5.1 Asia Pacific Photomask Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

8.5.2 Asia Pacific Photomask Consumption by Country (2019-2030)

8.5.3 China

8.5.4 Japan

8.5.5 South Korea

8.5.6 Southeast Asia

8.5.7 India

8.5.8 Australia

8.6 LAMEA

8.6.1 LAMEA Photomask Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

8.6.2 LAMEA Photomask Consumption by Country (2019-2030)

8.6.3 Mexico

8.6.4 Brazil

8.6.5 Turkey

8.6.6 GCC Countries

9 VALUE CHAIN AND SALES CHANNELS ANALYSIS

- 9.1 Photomask Value Chain Analysis
 - 9.1.1 Photomask Key Raw Materials
 - 9.1.2 Raw Materials Key Suppliers
 - 9.1.3 Manufacturing Cost Structure
 - 9.1.4 Photomask Production Mode & Process
- 9.2 Photomask Sales Channels Analysis
 - 9.2.1 Direct Comparison with Distribution Share
 - 9.2.2 Photomask Distributors
 - 9.2.3 Photomask Customers

10 CONCLUDING INSIGHTS

11 APPENDIX

- 11.1 Reasons for Doing This Study
- 11.2 Research Methodology
- 11.3 Research Process
- 11.4 Authors List of This Report
- 11.5 Data Source
 - 11.5.1 Secondary Sources
 - 11.5.2 Primary Sources
- 11.6 Disclaimer

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