

Global Silicon Wafer Market Size, Manufacturers, Opportunities and Forecast to 2030

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Abstracts

Semiconductor silicon wafers are key component of integrated circuits such as those used to power computers, cell phones, and a wide variety of other devices. A silicon wafer consists of a thin slice of silicon which can be treated in various ways, depending on the type of electronics that is being used. Silicon has a very high quality semiconductor, making it ideal for the production of such circuits.

According to APO Research, The global Silicon Wafer market was estimated at US\$ million in 2023 and is projected to reach a revised size of US\$ million by 2030, witnessing a CAGR of xx% during the forecast period 2024-2030.

China is the largest region of Silicon Wafer, with a market share about 30%. It was followed by North America with 20%. Shin Etsu, Sumco and Siltronic are the top 3 manufacturers of industry, and they had about 65% combined market share.

Report Scope

This report aims to provide a comprehensive presentation of the global market for Silicon Wafer, with both quantitative and qualitative analysis, to help readers develop business/growth strategies, assess the market competitive situation, analyze their position in the current marketplace, and make informed business decisions regarding Silicon Wafer.

The Silicon Wafer market size, estimations, and forecasts are provided in terms of sales volume (K Pcs) and revenue (\$ millions), considering 2023 as the base year, with history and forecast data for the period from 2019 to 2030. This report segments the global Silicon Wafer market comprehensively. Regional market sizes, concerning

products by Type, by Application, and by players, are also provided. For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

Key Companies & Market Share Insights

In this section, the readers will gain an understanding of the key players competing. This report has studied the key growth strategies, such as innovative trends and developments, intensification of product portfolio, mergers and acquisitions, collaborations, new product innovation, and geographical expansion, undertaken by these participants to maintain their presence. Apart from business strategies, the study includes current developments and key financials. The readers will also get access to the data related to global revenue, price, and sales by manufacturers for the period 2019-2024. This all-inclusive report will certainly serve the clients to stay updated and make effective decisions in their businesses. Some of the prominent players reviewed in the research report include:

Shin Etsu

Sumco

Siltronic

SK siltron

Global Wafers

Wafer Works Corporation

Ferrotec

Shanghai Advanced Silicon Technology Co., Ltd (AST)

Gritek

Guosheng Electronic

QL Electronics

MCL

National Silicon Industry Group

On-Semi Czech

Hebei Poshing Electronics Technology Co.,Ltd

Tianjin Zhonghuan Semiconductor Co., Ltd

ESWIN

Formosa Sumco Technology Corporation

Silicon Wafer segment by Type

300 mm

200 mm

Below 150 mm

Others (450 mm)

Silicon Wafer segment by Application

Memory

Logic or MPU

Analog

Discrete Device and Sensor

Others

Silicon Wafer 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

Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

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 Silicon Wafer 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 Silicon Wafer 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 Silicon Wafer.
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1: Introduces the study scope of this report, executive summary of market segments by type, market size segments for North America, Europe, Asia Pacific, Latin America, Middle East & Africa.

Chapter 2: Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 3: Detailed analysis of Silicon Wafer manufacturers competitive landscape, price, sales, revenue, market share and ranking, latest development plan, merger, and acquisition information, etc.

Chapter 4: Sales, revenue of Silicon Wafer in regional level. It provides a quantitative analysis of the market size and development potential of each region and introduces the future development prospects, and market space in the world.

Chapter 5: Introduces market segments by application, market size segment for North America, Europe, Asia Pacific, Latin America, Middle East & Africa.

Chapter 6: Provides profiles of key players, introducing the basic situation of the main

companies in the market in detail, including product sales, revenue, price, gross margin, product introduction, recent development, etc.

Chapter 7, 8, 9, 10 and 11: North America, Europe, Asia Pacific, Latin America, Middle East & Africa, sales and revenue by country.

Chapter 12: Analysis of industrial chain, key raw materials, manufacturing cost, and market dynamics.

Chapter 13: Concluding Insights of the report.

Contents

1 MARKET OVERVIEW

- 1.1 Product Definition
- 1.2 Global Market Growth Prospects
 - 1.2.1 Global Silicon Wafer Market Size Estimates and Forecasts (2019-2030)
 - 1.2.2 Global Silicon Wafer Sales Estimates and Forecasts (2019-2030)
- 1.3 Silicon Wafer Market by Type
 - 1.3.1 300 mm
 - 1.3.2 200 mm
 - 1.3.3 Below 150 mm
 - 1.3.4 Others (450 mm)
- 1.4 Global Silicon Wafer Market Size by Type
 - 1.4.1 Global Silicon Wafer Market Size Overview by Type (2019-2030)
 - 1.4.2 Global Silicon Wafer Historic Market Size Review by Type (2019-2024)
 - 1.4.3 Global Silicon Wafer Forecasted Market Size by Type (2025-2030)
- 1.5 Key Regions Market Size by Type
 - 1.5.1 North America Silicon Wafer Sales Breakdown by Type (2019-2024)
 - 1.5.2 Europe Silicon Wafer Sales Breakdown by Type (2019-2024)
 - 1.5.3 Asia-Pacific Silicon Wafer Sales Breakdown by Type (2019-2024)
 - 1.5.4 Latin America Silicon Wafer Sales Breakdown by Type (2019-2024)
 - 1.5.5 Middle East and Africa Silicon Wafer Sales Breakdown by Type (2019-2024)

2 GLOBAL MARKET DYNAMICS

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

3 MARKET COMPETITIVE LANDSCAPE BY COMPANY

- 3.1 Global Top Players by Silicon Wafer Revenue (2019-2024)
- 3.2 Global Top Players by Silicon Wafer Sales (2019-2024)
- 3.3 Global Top Players by Silicon Wafer Price (2019-2024)
- 3.4 Global Silicon Wafer Industry Company Ranking, 2022 VS 2023 VS 2024
- 3.5 Global Silicon Wafer Key Company Manufacturing Sites & Headquarters
- 3.6 Global Silicon Wafer Company, Product Type & Application

3.7 Global Silicon Wafer Company Commercialization Time

3.8 Market Competitive Analysis

3.8.1 Global Silicon Wafer Market CR5 and HHI

3.8.2 Global Top 5 and 10 Silicon Wafer Players Market Share by Revenue in 2023

3.8.3 2023 Silicon Wafer Tier 1, Tier 2, and Tier

4 SILICON WAFER REGIONAL STATUS AND OUTLOOK

4.1 Global Silicon Wafer Market Size and CAGR by Region: 2019 VS 2023 VS 2030

4.2 Global Silicon Wafer Historic Market Size by Region

4.2.1 Global Silicon Wafer Sales in Volume by Region (2019-2024)

4.2.2 Global Silicon Wafer Sales in Value by Region (2019-2024)

4.2.3 Global Silicon Wafer Sales (Volume & Value), Price and Gross Margin (2019-2024)

4.3 Global Silicon Wafer Forecasted Market Size by Region

4.3.1 Global Silicon Wafer Sales in Volume by Region (2025-2030)

4.3.2 Global Silicon Wafer Sales in Value by Region (2025-2030)

4.3.3 Global Silicon Wafer Sales (Volume & Value), Price and Gross Margin (2025-2030)

5 SILICON WAFER BY APPLICATION

5.1 Silicon Wafer Market by Application

5.1.1 Memory

5.1.2 Logic or MPU

5.1.3 Analog

5.1.4 Discrete Device and Sensor

5.1.5 Others

5.2 Global Silicon Wafer Market Size by Application

5.2.1 Global Silicon Wafer Market Size Overview by Application (2019-2030)

5.2.2 Global Silicon Wafer Historic Market Size Review by Application (2019-2024)

5.2.3 Global Silicon Wafer Forecasted Market Size by Application (2025-2030)

5.3 Key Regions Market Size by Application

5.3.1 North America Silicon Wafer Sales Breakdown by Application (2019-2024)

5.3.2 Europe Silicon Wafer Sales Breakdown by Application (2019-2024)

5.3.3 Asia-Pacific Silicon Wafer Sales Breakdown by Application (2019-2024)

5.3.4 Latin America Silicon Wafer Sales Breakdown by Application (2019-2024)

5.3.5 Middle East and Africa Silicon Wafer Sales Breakdown by Application (2019-2024)

6 COMPANY PROFILES

6.1 Shin Etsu

- 6.1.1 Shin Etsu Company Information
- 6.1.2 Shin Etsu Business Overview
- 6.1.3 Shin Etsu Silicon Wafer Sales, Revenue and Gross Margin (2019-2024)
- 6.1.4 Shin Etsu Silicon Wafer Product Portfolio
- 6.1.5 Shin Etsu Recent Developments

6.2 Sumco

- 6.2.1 Sumco Company Information
- 6.2.2 Sumco Business Overview
- 6.2.3 Sumco Silicon Wafer Sales, Revenue and Gross Margin (2019-2024)
- 6.2.4 Sumco Silicon Wafer Product Portfolio
- 6.2.5 Sumco Recent Developments

6.3 Siltronic

- 6.3.1 Siltronic Company Information
- 6.3.2 Siltronic Business Overview
- 6.3.3 Siltronic Silicon Wafer Sales, Revenue and Gross Margin (2019-2024)
- 6.3.4 Siltronic Silicon Wafer Product Portfolio
- 6.3.5 Siltronic Recent Developments

6.4 SK siltron

- 6.4.1 SK siltron Company Information
- 6.4.2 SK siltron Business Overview
- 6.4.3 SK siltron Silicon Wafer Sales, Revenue and Gross Margin (2019-2024)
- 6.4.4 SK siltron Silicon Wafer Product Portfolio
- 6.4.5 SK siltron Recent Developments

6.5 Global Wafers

- 6.5.1 Global Wafers Company Information
- 6.5.2 Global Wafers Business Overview
- 6.5.3 Global Wafers Silicon Wafer Sales, Revenue and Gross Margin (2019-2024)
- 6.5.4 Global Wafers Silicon Wafer Product Portfolio
- 6.5.5 Global Wafers Recent Developments

6.6 Wafer Works Corporation

- 6.6.1 Wafer Works Corporation Company Information
- 6.6.2 Wafer Works Corporation Business Overview
- 6.6.3 Wafer Works Corporation Silicon Wafer Sales, Revenue and Gross Margin (2019-2024)
- 6.6.4 Wafer Works Corporation Silicon Wafer Product Portfolio

- 6.6.5 Wafer Works Corporation Recent Developments
- 6.7 Ferrotec
 - 6.7.1 Ferrotec Company Information
 - 6.7.2 Ferrotec Business Overview
 - 6.7.3 Ferrotec Silicon Wafer Sales, Revenue and Gross Margin (2019-2024)
 - 6.7.4 Ferrotec Silicon Wafer Product Portfolio
 - 6.7.5 Ferrotec Recent Developments
- 6.8 Shanghai Advanced Silicon Technology Co., Ltd (AST)
 - 6.8.1 Shanghai Advanced Silicon Technology Co., Ltd (AST) Company Information
 - 6.8.2 Shanghai Advanced Silicon Technology Co., Ltd (AST) Business Overview
 - 6.8.3 Shanghai Advanced Silicon Technology Co., Ltd (AST) Silicon Wafer Sales, Revenue and Gross Margin (2019-2024)
 - 6.8.4 Shanghai Advanced Silicon Technology Co., Ltd (AST) Silicon Wafer Product Portfolio
 - 6.8.5 Shanghai Advanced Silicon Technology Co., Ltd (AST) Recent Developments
- 6.9 Gritek
 - 6.9.1 Gritek Company Information
 - 6.9.2 Gritek Business Overview
 - 6.9.3 Gritek Silicon Wafer Sales, Revenue and Gross Margin (2019-2024)
 - 6.9.4 Gritek Silicon Wafer Product Portfolio
 - 6.9.5 Gritek Recent Developments
- 6.10 Guosheng Electronic
 - 6.10.1 Guosheng Electronic Company Information
 - 6.10.2 Guosheng Electronic Business Overview
 - 6.10.3 Guosheng Electronic Silicon Wafer Sales, Revenue and Gross Margin (2019-2024)
 - 6.10.4 Guosheng Electronic Silicon Wafer Product Portfolio
 - 6.10.5 Guosheng Electronic Recent Developments
- 6.11 QL Electronics
 - 6.11.1 QL Electronics Company Information
 - 6.11.2 QL Electronics Business Overview
 - 6.11.3 QL Electronics Silicon Wafer Sales, Revenue and Gross Margin (2019-2024)
 - 6.11.4 QL Electronics Silicon Wafer Product Portfolio
 - 6.11.5 QL Electronics Recent Developments
- 6.12 MCL
 - 6.12.1 MCL Company Information
 - 6.12.2 MCL Business Overview
 - 6.12.3 MCL Silicon Wafer Sales, Revenue and Gross Margin (2019-2024)
 - 6.12.4 MCL Silicon Wafer Product Portfolio

- 6.12.5 MCL Recent Developments
- 6.13 National Silicon Industry Group
 - 6.13.1 National Silicon Industry Group Company Information
 - 6.13.2 National Silicon Industry Group Business Overview
 - 6.13.3 National Silicon Industry Group Silicon Wafer Sales, Revenue and Gross Margin (2019-2024)
 - 6.13.4 National Silicon Industry Group Silicon Wafer Product Portfolio
 - 6.13.5 National Silicon Industry Group Recent Developments
- 6.14 On-Semi Czech
 - 6.14.1 On-Semi Czech Company Information
 - 6.14.2 On-Semi Czech Business Overview
 - 6.14.3 On-Semi Czech Silicon Wafer Sales, Revenue and Gross Margin (2019-2024)
 - 6.14.4 On-Semi Czech Silicon Wafer Product Portfolio
 - 6.14.5 On-Semi Czech Recent Developments
- 6.15 Hebei Poshing Electronics Technology Co.,Ltd
 - 6.15.1 Hebei Poshing Electronics Technology Co.,Ltd Company Information
 - 6.15.2 Hebei Poshing Electronics Technology Co.,Ltd Business Overview
 - 6.15.3 Hebei Poshing Electronics Technology Co.,Ltd Silicon Wafer Sales, Revenue and Gross Margin (2019-2024)
 - 6.15.4 Hebei Poshing Electronics Technology Co.,Ltd Silicon Wafer Product Portfolio
 - 6.15.5 Hebei Poshing Electronics Technology Co.,Ltd Recent Developments
- 6.16 Tianjin Zhonghuan Semiconductor Co., Ltd
 - 6.16.1 Tianjin Zhonghuan Semiconductor Co., Ltd Company Information
 - 6.16.2 Tianjin Zhonghuan Semiconductor Co., Ltd Business Overview
 - 6.16.3 Tianjin Zhonghuan Semiconductor Co., Ltd Silicon Wafer Sales, Revenue and Gross Margin (2019-2024)
 - 6.16.4 Tianjin Zhonghuan Semiconductor Co., Ltd Silicon Wafer Product Portfolio
 - 6.16.5 Tianjin Zhonghuan Semiconductor Co., Ltd Recent Developments
- 6.17 ESWIN
 - 6.17.1 ESWIN Company Information
 - 6.17.2 ESWIN Business Overview
 - 6.17.3 ESWIN Silicon Wafer Sales, Revenue and Gross Margin (2019-2024)
 - 6.17.4 ESWIN Silicon Wafer Product Portfolio
 - 6.17.5 ESWIN Recent Developments
- 6.18 Formosa Sumco Technology Corporation
 - 6.18.1 Formosa Sumco Technology Corporation Company Information
 - 6.18.2 Formosa Sumco Technology Corporation Business Overview
 - 6.18.3 Formosa Sumco Technology Corporation Silicon Wafer Sales, Revenue and Gross Margin (2019-2024)

6.18.4 Formosa Sumco Technology Corporation Silicon Wafer Product Portfolio

6.18.5 Formosa Sumco Technology Corporation Recent Developments

7 NORTH AMERICA BY COUNTRY

7.1 North America Silicon Wafer Sales by Country

7.1.1 North America Silicon Wafer Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

7.1.2 North America Silicon Wafer Sales by Country (2019-2024)

7.1.3 North America Silicon Wafer Sales Forecast by Country (2025-2030)

7.2 North America Silicon Wafer Market Size by Country

7.2.1 North America Silicon Wafer Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

7.2.2 North America Silicon Wafer Market Size by Country (2019-2024)

7.2.3 North America Silicon Wafer Market Size Forecast by Country (2025-2030)

8 EUROPE BY COUNTRY

8.1 Europe Silicon Wafer Sales by Country

8.1.1 Europe Silicon Wafer Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

8.1.2 Europe Silicon Wafer Sales by Country (2019-2024)

8.1.3 Europe Silicon Wafer Sales Forecast by Country (2025-2030)

8.2 Europe Silicon Wafer Market Size by Country

8.2.1 Europe Silicon Wafer Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

8.2.2 Europe Silicon Wafer Market Size by Country (2019-2024)

8.2.3 Europe Silicon Wafer Market Size Forecast by Country (2025-2030)

9 ASIA-PACIFIC BY COUNTRY

9.1 Asia-Pacific Silicon Wafer Sales by Country

9.1.1 Asia-Pacific Silicon Wafer Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

9.1.2 Asia-Pacific Silicon Wafer Sales by Country (2019-2024)

9.1.3 Asia-Pacific Silicon Wafer Sales Forecast by Country (2025-2030)

9.2 Asia-Pacific Silicon Wafer Market Size by Country

9.2.1 Asia-Pacific Silicon Wafer Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

9.2.2 Asia-Pacific Silicon Wafer Market Size by Country (2019-2024)

9.2.3 Asia-Pacific Silicon Wafer Market Size Forecast by Country (2025-2030)

10 LATIN AMERICA BY COUNTRY

10.1 Latin America Silicon Wafer Sales by Country

10.1.1 Latin America Silicon Wafer Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

10.1.2 Latin America Silicon Wafer Sales by Country (2019-2024)

10.1.3 Latin America Silicon Wafer Sales Forecast by Country (2025-2030)

10.2 Latin America Silicon Wafer Market Size by Country

10.2.1 Latin America Silicon Wafer Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

10.2.2 Latin America Silicon Wafer Market Size by Country (2019-2024)

10.2.3 Latin America Silicon Wafer Market Size Forecast by Country (2025-2030)

11 MIDDLE EAST AND AFRICA BY COUNTRY

11.1 Middle East and Africa Silicon Wafer Sales by Country

11.1.1 Middle East and Africa Silicon Wafer Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

11.1.2 Middle East and Africa Silicon Wafer Sales by Country (2019-2024)

11.1.3 Middle East and Africa Silicon Wafer Sales Forecast by Country (2025-2030)

11.2 Middle East and Africa Silicon Wafer Market Size by Country

11.2.1 Middle East and Africa Silicon Wafer Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

11.2.2 Middle East and Africa Silicon Wafer Market Size by Country (2019-2024)

11.2.3 Middle East and Africa Silicon Wafer Market Size Forecast by Country (2025-2030)

12 VALUE CHAIN AND SALES CHANNELS ANALYSIS

12.1 Silicon Wafer Value Chain Analysis

12.1.1 Silicon Wafer Key Raw Materials

12.1.2 Key Raw Materials Price

12.1.3 Raw Materials Key Suppliers

12.1.4 Manufacturing Cost Structure

12.1.5 Silicon Wafer Production Mode & Process

12.2 Silicon Wafer Sales Channels Analysis

- 12.2.1 Direct Comparison with Distribution Share
- 12.2.2 Silicon Wafer Distributors
- 12.2.3 Silicon Wafer Customers

13 CONCLUDING INSIGHTS

14 APPENDIX

- 14.1 Reasons for Doing This Study
- 14.2 Research Methodology
- 14.3 Research Process
- 14.4 Authors List of This Report
- 14.5 Data Source
 - 14.5.1 Secondary Sources
 - 14.5.2 Primary Sources
- 14.6 Disclaimer

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