

# Global 150mm Silicon Wafer Market Growth 2024-2030

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## Abstracts

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According to our LPI (LP Information) latest study, the global 150mm Silicon Wafer market size was valued at US\$ million in 2023. With growing demand in downstream market, the 150mm Silicon Wafer is forecast to a readjusted size of US\$ million by 2030 with a CAGR of % during review period.

The research report highlights the growth potential of the global 150mm Silicon Wafer market. 150mm Silicon Wafer are expected to show stable growth in the future market. However, product differentiation, reducing costs, and supply chain optimization remain crucial for the widespread adoption of 150mm Silicon Wafer. Market players need to invest in research and development, forge strategic partnerships, and align their offerings with evolving consumer preferences to capitalize on the immense opportunities presented by the 150mm Silicon Wafer market.

Following a strong growth of 26.2 percent in the year 2021, WSTS revised it down to a single digit growth for the worldwide semiconductor market in 2022 with a total size of US\$580 billion, up 4.4 percent. WSTS lowered growth estimation as inflation rises and end markets seeing weaker demand, especially those exposed to consumer spending. While some major categories are still double-digit year-over-year growth in 2022, led by Analog with 20.8 percent, Sensors with 16.3 percent, and Logic with 14.5 percent growth. Memory declined with 12.6 percent year over year. In 2022, all geographical regions showed double-digit growth except Asia Pacific. The largest region, Asia Pacific, declined 2.0 percent. Sales in the Americas were US\$142.1 billion, up 17.0% year-on-year, sales in Europe were US\$53.8 billion, up 12.6% year-on-year, and sales in Japan were US\$48.1 billion, up 10.0% year-on-year. However, sales in the largest Asia-Pacific region were US\$336.2 billion, down 2.0% year-on-year.

### Key Features:

The report on 150mm Silicon Wafer market reflects various aspects and provide valuable insights into the industry.

**Market Size and Growth:** The research report provide an overview of the current size and growth of the 150mm Silicon Wafer market. It may include historical data, market segmentation by Type (e.g., Prime Grade, Test Grade), and regional breakdowns.

**Market Drivers and Challenges:** The report can identify and analyse the factors driving the growth of the 150mm Silicon Wafer market, such as government regulations, environmental concerns, technological advancements, and changing consumer preferences. It can also highlight the challenges faced by the industry, including infrastructure limitations, range anxiety, and high upfront costs.

**Competitive Landscape:** The research report provides analysis of the competitive landscape within the 150mm Silicon Wafer market. It includes profiles of key players, their market share, strategies, and product offerings. The report can also highlight emerging players and their potential impact on the market.

**Technological Developments:** The research report can delve into the latest technological developments in the 150mm Silicon Wafer industry. This include advancements in 150mm Silicon Wafer technology, 150mm Silicon Wafer new entrants, 150mm Silicon Wafer new investment, and other innovations that are shaping the future of 150mm Silicon Wafer.

**Downstream Procumbent Preference:** The report can shed light on customer procumbent behaviour and adoption trends in the 150mm Silicon Wafer market. It includes factors influencing customer ' purchasing decisions, preferences for 150mm Silicon Wafer product.

**Government Policies and Incentives:** The research report analyse the impact of government policies and incentives on the 150mm Silicon Wafer market. This may include an assessment of regulatory frameworks, subsidies, tax incentives, and other measures aimed at promoting 150mm Silicon Wafer market. The report also evaluates the effectiveness of these policies in driving market growth.

**Environmental Impact and Sustainability:** The research report assess the environmental impact and sustainability aspects of the 150mm Silicon Wafer market.

**Market Forecasts and Future Outlook:** Based on the analysis conducted, the research report provide market forecasts and outlook for the 150mm Silicon Wafer industry. This includes projections of market size, growth rates, regional trends, and predictions on technological advancements and policy developments.

**Recommendations and Opportunities:** The report conclude with recommendations for industry stakeholders, policymakers, and investors. It highlights potential opportunities for market players to capitalize on emerging trends, overcome challenges, and contribute to the growth and development of the 150mm Silicon Wafer market.

#### Market Segmentation:

150mm Silicon Wafer market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

#### Segmentation by type

Prime Grade

Test Grade

Monitor/Mechanical Grade

#### Segmentation by application

IT and Telecommunications

Medical

National Defence

Microwave

Other

This report also splits the market by region:

### Americas

United States

Canada

Mexico

Brazil

### APAC

China

Japan

Korea

Southeast Asia

India

Australia

### Europe

Germany

France

UK

Italy

Russia

### Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

Silicon Inc

Short Elliott Hendrickson Inc.

Rogue Valley Microdevices

SEMI

Samsung

Micron

TSMC

SK Group

Kioxia

National Silicon Industry

Sino-American Silicon Products Inc.

## Key Questions Addressed in this Report

What is the 10-year outlook for the global 150mm Silicon Wafer market?

What factors are driving 150mm Silicon Wafer market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do 150mm Silicon Wafer market opportunities vary by end market size?

How does 150mm Silicon Wafer break out type, application?

## Contents

### 1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

### 2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
  - 2.1.1 Global 150mm Silicon Wafer Annual Sales 2019-2030
  - 2.1.2 World Current & Future Analysis for 150mm Silicon Wafer by Geographic Region, 2019, 2023 & 2030
  - 2.1.3 World Current & Future Analysis for 150mm Silicon Wafer by Country/Region, 2019, 2023 & 2030
- 2.2 150mm Silicon Wafer Segment by Type
  - 2.2.1 Prime Grade
  - 2.2.2 Test Grade
  - 2.2.3 Monitor/Mechanical Grade
- 2.3 150mm Silicon Wafer Sales by Type
  - 2.3.1 Global 150mm Silicon Wafer Sales Market Share by Type (2019-2024)
  - 2.3.2 Global 150mm Silicon Wafer Revenue and Market Share by Type (2019-2024)
  - 2.3.3 Global 150mm Silicon Wafer Sale Price by Type (2019-2024)
- 2.4 150mm Silicon Wafer Segment by Application
  - 2.4.1 IT and Telecommunications
  - 2.4.2 Medical
  - 2.4.3 National Defence
  - 2.4.4 Microwave
  - 2.4.5 Other
- 2.5 150mm Silicon Wafer Sales by Application
  - 2.5.1 Global 150mm Silicon Wafer Sale Market Share by Application (2019-2024)
  - 2.5.2 Global 150mm Silicon Wafer Revenue and Market Share by Application (2019-2024)

### 2.5.3 Global 150mm Silicon Wafer Sale Price by Application (2019-2024)

## **3 GLOBAL 150MM SILICON WAFER BY COMPANY**

### 3.1 Global 150mm Silicon Wafer Breakdown Data by Company

#### 3.1.1 Global 150mm Silicon Wafer Annual Sales by Company (2019-2024)

#### 3.1.2 Global 150mm Silicon Wafer Sales Market Share by Company (2019-2024)

### 3.2 Global 150mm Silicon Wafer Annual Revenue by Company (2019-2024)

#### 3.2.1 Global 150mm Silicon Wafer Revenue by Company (2019-2024)

#### 3.2.2 Global 150mm Silicon Wafer Revenue Market Share by Company (2019-2024)

### 3.3 Global 150mm Silicon Wafer Sale Price by Company

### 3.4 Key Manufacturers 150mm Silicon Wafer Producing Area Distribution, Sales Area, Product Type

#### 3.4.1 Key Manufacturers 150mm Silicon Wafer Product Location Distribution

#### 3.4.2 Players 150mm Silicon Wafer Products Offered

### 3.5 Market Concentration Rate Analysis

#### 3.5.1 Competition Landscape Analysis

#### 3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

### 3.6 New Products and Potential Entrants

### 3.7 Mergers & Acquisitions, Expansion

## **4 WORLD HISTORIC REVIEW FOR 150MM SILICON WAFER BY GEOGRAPHIC REGION**

### 4.1 World Historic 150mm Silicon Wafer Market Size by Geographic Region (2019-2024)

#### 4.1.1 Global 150mm Silicon Wafer Annual Sales by Geographic Region (2019-2024)

#### 4.1.2 Global 150mm Silicon Wafer Annual Revenue by Geographic Region (2019-2024)

### 4.2 World Historic 150mm Silicon Wafer Market Size by Country/Region (2019-2024)

#### 4.2.1 Global 150mm Silicon Wafer Annual Sales by Country/Region (2019-2024)

#### 4.2.2 Global 150mm Silicon Wafer Annual Revenue by Country/Region (2019-2024)

### 4.3 Americas 150mm Silicon Wafer Sales Growth

### 4.4 APAC 150mm Silicon Wafer Sales Growth

### 4.5 Europe 150mm Silicon Wafer Sales Growth

### 4.6 Middle East & Africa 150mm Silicon Wafer Sales Growth

## **5 AMERICAS**

## 5.1 Americas 150mm Silicon Wafer Sales by Country

### 5.1.1 Americas 150mm Silicon Wafer Sales by Country (2019-2024)

### 5.1.2 Americas 150mm Silicon Wafer Revenue by Country (2019-2024)

## 5.2 Americas 150mm Silicon Wafer Sales by Type

## 5.3 Americas 150mm Silicon Wafer Sales by Application

## 5.4 United States

## 5.5 Canada

## 5.6 Mexico

## 5.7 Brazil

# 6 APAC

## 6.1 APAC 150mm Silicon Wafer Sales by Region

### 6.1.1 APAC 150mm Silicon Wafer Sales by Region (2019-2024)

### 6.1.2 APAC 150mm Silicon Wafer Revenue by Region (2019-2024)

## 6.2 APAC 150mm Silicon Wafer Sales by Type

## 6.3 APAC 150mm Silicon Wafer Sales by Application

## 6.4 China

## 6.5 Japan

## 6.6 South Korea

## 6.7 Southeast Asia

## 6.8 India

## 6.9 Australia

## 6.10 China Taiwan

# 7 EUROPE

## 7.1 Europe 150mm Silicon Wafer by Country

### 7.1.1 Europe 150mm Silicon Wafer Sales by Country (2019-2024)

### 7.1.2 Europe 150mm Silicon Wafer Revenue by Country (2019-2024)

## 7.2 Europe 150mm Silicon Wafer Sales by Type

## 7.3 Europe 150mm Silicon Wafer Sales by Application

## 7.4 Germany

## 7.5 France

## 7.6 UK

## 7.7 Italy

## 7.8 Russia

# 8 MIDDLE EAST & AFRICA

## 8.1 Middle East & Africa 150mm Silicon Wafer by Country

8.1.1 Middle East & Africa 150mm Silicon Wafer Sales by Country (2019-2024)

8.1.2 Middle East & Africa 150mm Silicon Wafer Revenue by Country (2019-2024)

## 8.2 Middle East & Africa 150mm Silicon Wafer Sales by Type

## 8.3 Middle East & Africa 150mm Silicon Wafer Sales by Application

## 8.4 Egypt

## 8.5 South Africa

## 8.6 Israel

## 8.7 Turkey

## 8.8 GCC Countries

# 9 MARKET DRIVERS, CHALLENGES AND TRENDS

## 9.1 Market Drivers & Growth Opportunities

## 9.2 Market Challenges & Risks

## 9.3 Industry Trends

# 10 MANUFACTURING COST STRUCTURE ANALYSIS

## 10.1 Raw Material and Suppliers

## 10.2 Manufacturing Cost Structure Analysis of 150mm Silicon Wafer

## 10.3 Manufacturing Process Analysis of 150mm Silicon Wafer

## 10.4 Industry Chain Structure of 150mm Silicon Wafer

# 11 MARKETING, DISTRIBUTORS AND CUSTOMER

## 11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

## 11.2 150mm Silicon Wafer Distributors

## 11.3 150mm Silicon Wafer Customer

# 12 WORLD FORECAST REVIEW FOR 150MM SILICON WAFER BY GEOGRAPHIC REGION

## 12.1 Global 150mm Silicon Wafer Market Size Forecast by Region

12.1.1 Global 150mm Silicon Wafer Forecast by Region (2025-2030)

12.1.2 Global 150mm Silicon Wafer Annual Revenue Forecast by Region (2025-2030)

- 12.2 Americas Forecast by Country
- 12.3 APAC Forecast by Region
- 12.4 Europe Forecast by Country
- 12.5 Middle East & Africa Forecast by Country
- 12.6 Global 150mm Silicon Wafer Forecast by Type
- 12.7 Global 150mm Silicon Wafer Forecast by Application

## **13 KEY PLAYERS ANALYSIS**

### **13.1 Silicon Inc**

- 13.1.1 Silicon Inc Company Information
- 13.1.2 Silicon Inc 150mm Silicon Wafer Product Portfolios and Specifications
- 13.1.3 Silicon Inc 150mm Silicon Wafer Sales, Revenue, Price and Gross Margin

(2019-2024)

- 13.1.4 Silicon Inc Main Business Overview
- 13.1.5 Silicon Inc Latest Developments

### **13.2 Short Elliott Hendrickson Inc.**

- 13.2.1 Short Elliott Hendrickson Inc. Company Information
- 13.2.2 Short Elliott Hendrickson Inc. 150mm Silicon Wafer Product Portfolios and

Specifications

13.2.3 Short Elliott Hendrickson Inc. 150mm Silicon Wafer Sales, Revenue, Price and Gross Margin (2019-2024)

- 13.2.4 Short Elliott Hendrickson Inc. Main Business Overview
- 13.2.5 Short Elliott Hendrickson Inc. Latest Developments

### **13.3 Rogue Valley Microdevices**

- 13.3.1 Rogue Valley Microdevices Company Information
- 13.3.2 Rogue Valley Microdevices 150mm Silicon Wafer Product Portfolios and

Specifications

13.3.3 Rogue Valley Microdevices 150mm Silicon Wafer Sales, Revenue, Price and Gross Margin (2019-2024)

- 13.3.4 Rogue Valley Microdevices Main Business Overview
- 13.3.5 Rogue Valley Microdevices Latest Developments

### **13.4 SEMI**

- 13.4.1 SEMI Company Information
- 13.4.2 SEMI 150mm Silicon Wafer Product Portfolios and Specifications
- 13.4.3 SEMI 150mm Silicon Wafer Sales, Revenue, Price and Gross Margin

(2019-2024)

- 13.4.4 SEMI Main Business Overview
- 13.4.5 SEMI Latest Developments

## 13.5 Samsung

### 13.5.1 Samsung Company Information

### 13.5.2 Samsung 150mm Silicon Wafer Product Portfolios and Specifications

### 13.5.3 Samsung 150mm Silicon Wafer Sales, Revenue, Price and Gross Margin (2019-2024)

### 13.5.4 Samsung Main Business Overview

### 13.5.5 Samsung Latest Developments

## 13.6 Micron

### 13.6.1 Micron Company Information

### 13.6.2 Micron 150mm Silicon Wafer Product Portfolios and Specifications

### 13.6.3 Micron 150mm Silicon Wafer Sales, Revenue, Price and Gross Margin (2019-2024)

### 13.6.4 Micron Main Business Overview

### 13.6.5 Micron Latest Developments

## 13.7 TSMC

### 13.7.1 TSMC Company Information

### 13.7.2 TSMC 150mm Silicon Wafer Product Portfolios and Specifications

### 13.7.3 TSMC 150mm Silicon Wafer Sales, Revenue, Price and Gross Margin (2019-2024)

### 13.7.4 TSMC Main Business Overview

### 13.7.5 TSMC Latest Developments

## 13.8 SK Group

### 13.8.1 SK Group Company Information

### 13.8.2 SK Group 150mm Silicon Wafer Product Portfolios and Specifications

### 13.8.3 SK Group 150mm Silicon Wafer Sales, Revenue, Price and Gross Margin (2019-2024)

### 13.8.4 SK Group Main Business Overview

### 13.8.5 SK Group Latest Developments

## 13.9 Kioxia

### 13.9.1 Kioxia Company Information

### 13.9.2 Kioxia 150mm Silicon Wafer Product Portfolios and Specifications

### 13.9.3 Kioxia 150mm Silicon Wafer Sales, Revenue, Price and Gross Margin (2019-2024)

### 13.9.4 Kioxia Main Business Overview

### 13.9.5 Kioxia Latest Developments

## 13.10 National Silicon Industry

### 13.10.1 National Silicon Industry Company Information

### 13.10.2 National Silicon Industry 150mm Silicon Wafer Product Portfolios and Specifications

13.10.3 National Silicon Industry 150mm Silicon Wafer Sales, Revenue, Price and Gross Margin (2019-2024)

13.10.4 National Silicon Industry Main Business Overview

13.10.5 National Silicon Industry Latest Developments

13.11 Sino-American Silicon Products Inc.

13.11.1 Sino-American Silicon Products Inc. Company Information

13.11.2 Sino-American Silicon Products Inc. 150mm Silicon Wafer Product Portfolios and Specifications

13.11.3 Sino-American Silicon Products Inc. 150mm Silicon Wafer Sales, Revenue, Price and Gross Margin (2019-2024)

13.11.4 Sino-American Silicon Products Inc. Main Business Overview

13.11.5 Sino-American Silicon Products Inc. Latest Developments

## **14 RESEARCH FINDINGS AND CONCLUSION**

### **LIST OF TABLES**

Table 1. 150mm Silicon Wafer Annual Sales CAGR by Geographic Region (2019, 2023 & 2030) & (\$ millions)

Table 2. 150mm Silicon Wafer Annual Sales CAGR by Country/Region (2019, 2023 & 2030) & (\$ millions)

Table 3. Major Players of Prime Grade

Table 4. Major Players of Test Grade

Table 5. Major Players of Monitor/Mechanical Grade

Table 6. Global 150mm Silicon Wafer Sales by Type (2019-2024) & (K Units)

Table 7. Global 150mm Silicon Wafer Sales Market Share by Type (2019-2024)

Table 8. Global 150mm Silicon Wafer Revenue by Type (2019-2024) & (\$ million)

Table 9. Global 150mm Silicon Wafer Revenue Market Share by Type (2019-2024)

Table 10. Global 150mm Silicon Wafer Sale Price by Type (2019-2024) & (US\$/Unit)

Table 11. Global 150mm Silicon Wafer Sales by Application (2019-2024) & (K Units)

Table 12. Global 150mm Silicon Wafer Sales Market Share by Application (2019-2024)

Table 13. Global 150mm Silicon Wafer Revenue by Application (2019-2024)

Table 14. Global 150mm Silicon Wafer Revenue Market Share by Application (2019-2024)

Table 15. Global 150mm Silicon Wafer Sale Price by Application (2019-2024) & (US\$/Unit)

Table 16. Global 150mm Silicon Wafer Sales by Company (2019-2024) & (K Units)

Table 17. Global 150mm Silicon Wafer Sales Market Share by Company (2019-2024)

Table 18. Global 150mm Silicon Wafer Revenue by Company (2019-2024) (\$ Millions)

Table 19. Global 150mm Silicon Wafer Revenue Market Share by Company (2019-2024)

Table 20. Global 150mm Silicon Wafer Sale Price by Company (2019-2024) & (US\$/Unit)

Table 21. Key Manufacturers 150mm Silicon Wafer Producing Area Distribution and Sales Area

Table 22. Players 150mm Silicon Wafer Products Offered

Table 23. 150mm Silicon Wafer Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

Table 24. New Products and Potential Entrants

Table 25. Mergers & Acquisitions, Expansion

Table 26. Global 150mm Silicon Wafer Sales by Geographic Region (2019-2024) & (K Units)

Table 27. Global 150mm Silicon Wafer Sales Market Share Geographic Region (2019-2024)

Table 28. Global 150mm Silicon Wafer Revenue by Geographic Region (2019-2024) & (\$ millions)

Table 29. Global 150mm Silicon Wafer Revenue Market Share by Geographic Region (2019-2024)

Table 30. Global 150mm Silicon Wafer Sales by Country/Region (2019-2024) & (K Units)

Table 31. Global 150mm Silicon Wafer Sales Market Share by Country/Region (2019-2024)

Table 32. Global 150mm Silicon Wafer Revenue by Country/Region (2019-2024) & (\$ millions)

Table 33. Global 150mm Silicon Wafer Revenue Market Share by Country/Region (2019-2024)

Table 34. Americas 150mm Silicon Wafer Sales by Country (2019-2024) & (K Units)

Table 35. Americas 150mm Silicon Wafer Sales Market Share by Country (2019-2024)

Table 36. Americas 150mm Silicon Wafer Revenue by Country (2019-2024) & (\$ Millions)

Table 37. Americas 150mm Silicon Wafer Revenue Market Share by Country (2019-2024)

Table 38. Americas 150mm Silicon Wafer Sales byType (2019-2024) & (K Units)

Table 39. Americas 150mm Silicon Wafer Sales by Application (2019-2024) & (K Units)

Table 40. APAC 150mm Silicon Wafer Sales by Region (2019-2024) & (K Units)

Table 41. APAC 150mm Silicon Wafer Sales Market Share by Region (2019-2024)

Table 42. APAC 150mm Silicon Wafer Revenue by Region (2019-2024) & (\$ Millions)

|                                                                                                   |
|---------------------------------------------------------------------------------------------------|
| Table 43. APAC 150mm Silicon Wafer Revenue Market Share by Region (2019-2024)                     |
| Table 44. APAC 150mm Silicon Wafer Sales byType (2019-2024) & (K Units)                           |
| Table 45. APAC 150mm Silicon Wafer Sales by Application (2019-2024) & (K Units)                   |
| Table 46. Europe 150mm Silicon Wafer Sales by Country (2019-2024) & (K Units)                     |
| Table 47. Europe 150mm Silicon Wafer Sales Market Share by Country (2019-2024)                    |
| Table 48. Europe 150mm Silicon Wafer Revenue by Country (2019-2024) & (\$ Millions)               |
| Table 49. Europe 150mm Silicon Wafer Revenue Market Share by Country (2019-2024)                  |
| Table 50. Europe 150mm Silicon Wafer Sales byType (2019-2024) & (K Units)                         |
| Table 51. Europe 150mm Silicon Wafer Sales by Application (2019-2024) & (K Units)                 |
| Table 52. Middle East & Africa 150mm Silicon Wafer Sales by Country (2019-2024) & (K Units)       |
| Table 53. Middle East & Africa 150mm Silicon Wafer Sales Market Share by Country (2019-2024)      |
| Table 54. Middle East & Africa 150mm Silicon Wafer Revenue by Country (2019-2024) & (\$ Millions) |
| Table 55. Middle East & Africa 150mm Silicon Wafer Revenue Market Share by Country (2019-2024)    |
| Table 56. Middle East & Africa 150mm Silicon Wafer Sales byType (2019-2024) & (K Units)           |
| Table 57. Middle East & Africa 150mm Silicon Wafer Sales by Application (2019-2024) & (K Units)   |
| Table 58. Key Market Drivers & Growth Opportunities of 150mm Silicon Wafer                        |
| Table 59. Key Market Challenges & Risks of 150mm Silicon Wafer                                    |
| Table 60. Key IndustryTrends of 150mm Silicon Wafer                                               |
| Table 61. 150mm Silicon Wafer Raw Material                                                        |
| Table 62. Key Suppliers of Raw Materials                                                          |
| Table 63. 150mm Silicon Wafer Distributors List                                                   |
| Table 64. 150mm Silicon Wafer Customer List                                                       |
| Table 65. Global 150mm Silicon Wafer SalesForecast by Region (2025-2030) & (K Units)              |
| Table 66. Global 150mm Silicon Wafer RevenueForecast by Region (2025-2030) & (\$ millions)        |
| Table 67. Americas 150mm Silicon Wafer SalesForecast by Country (2025-2030) & (K Units)           |
| Table 68. Americas 150mm Silicon Wafer RevenueForecast by Country (2025-2030) & (\$ millions)     |
| Table 69. APAC 150mm Silicon Wafer SalesForecast by Region (2025-2030) & (K Units)                |
| Table 70. APAC 150mm Silicon Wafer RevenueForecast by Region (2025-2030) & (\$                    |

millions)

Table 71. Europe 150mm Silicon Wafer SalesForecast by Country (2025-2030) & (K Units)

Table 72. Europe 150mm Silicon Wafer RevenueForecast by Country (2025-2030) & (\$ millions)

Table 73. Middle East & Africa 150mm Silicon Wafer SalesForecast by Country (2025-2030) & (K Units)

Table 74. Middle East & Africa 150mm Silicon Wafer RevenueForecast by Country (2025-2030) & (\$ millions)

Table 75. Global 150mm Silicon Wafer SalesForecast byType (2025-2030) & (K Units)

Table 76. Global 150mm Silicon Wafer RevenueForecast byType (2025-2030) & (\$ Millions)

Table 77. Global 150mm Silicon Wafer SalesForecast by Application (2025-2030) & (K Units)

Table 78. Global 150mm Silicon Wafer RevenueForecast by Application (2025-2030) & (\$ Millions)

Table 79. Silicon Inc Basic Information, 150mm Silicon Wafer Manufacturing Base, Sales Area and Its Competitors

Table 80. Silicon Inc 150mm Silicon Wafer Product Portfolios and Specifications

Table 81. Silicon Inc 150mm Silicon Wafer Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 82. Silicon Inc Main Business

Table 83. Silicon Inc Latest Developments

Table 84. Short Elliott Hendrickson Inc. Basic Information, 150mm Silicon Wafer Manufacturing Base, Sales Area and Its Competitors

Table 85. Short Elliott Hendrickson Inc. 150mm Silicon Wafer Product Portfolios and Specifications

Table 86. Short Elliott Hendrickson Inc. 150mm Silicon Wafer Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 87. Short Elliott Hendrickson Inc. Main Business

Table 88. Short Elliott Hendrickson Inc. Latest Developments

Table 89. Rogue Valley Microdevices Basic Information, 150mm Silicon Wafer Manufacturing Base, Sales Area and Its Competitors

Table 90. Rogue Valley Microdevices 150mm Silicon Wafer Product Portfolios and Specifications

Table 91. Rogue Valley Microdevices 150mm Silicon Wafer Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 92. Rogue Valley Microdevices Main Business

Table 93. Rogue Valley Microdevices Latest Developments

Table 94. SEMI Basic Information, 150mm Silicon Wafer Manufacturing Base, Sales Area and Its Competitors

Table 95. SEMI 150mm Silicon Wafer Product Portfolios and Specifications

Table 96. SEMI 150mm Silicon Wafer Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 97. SEMI Main Business

Table 98. SEMI Latest Developments

Table 99. Samsung Basic Information, 150mm Silicon Wafer Manufacturing Base, Sales Area and Its Competitors

Table 100. Samsung 150mm Silicon Wafer Product Portfolios and Specifications

Table 101. Samsung 150mm Silicon Wafer Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 102. Samsung Main Business

Table 103. Samsung Latest Developments

Table 104. Micron Basic Information, 150mm Silicon Wafer Manufacturing Base, Sales Area and Its Competitors

Table 105. Micron 150mm Silicon Wafer Product Portfolios and Specifications

Table 106. Micron 150mm Silicon Wafer Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 107. Micron Main Business

Table 108. Micron Latest Developments

Table 109. TSMC Basic Information, 150mm Silicon Wafer Manufacturing Base, Sales Area and Its Competitors

Table 110. TSMC 150mm Silicon Wafer Product Portfolios and Specifications

Table 111. TSMC 150mm Silicon Wafer Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 112. TSMC Main Business

Table 113. TSMC Latest Developments

Table 114. SK Group Basic Information, 150mm Silicon Wafer Manufacturing Base, Sales Area and Its Competitors

Table 115. SK Group 150mm Silicon Wafer Product Portfolios and Specifications

Table 116. SK Group 150mm Silicon Wafer Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 117. SK Group Main Business

Table 118. SK Group Latest Developments

Table 119. Kioxia Basic Information, 150mm Silicon Wafer Manufacturing Base, Sales Area and Its Competitors

Table 120. Kioxia 150mm Silicon Wafer Product Portfolios and Specifications

Table 121. Kioxia 150mm Silicon Wafer Sales (K Units), Revenue (\$ Million), Price

(US\$/Unit) and Gross Margin (2019-2024)

Table 122. Kioxia Main Business

Table 123. Kioxia Latest Developments

Table 124. National Silicon Industry Basic Information, 150mm Silicon Wafer Manufacturing Base, Sales Area and Its Competitors

Table 125. National Silicon Industry 150mm Silicon Wafer Product Portfolios and Specifications

Table 126. National Silicon Industry 150mm Silicon Wafer Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 127. National Silicon Industry Main Business

Table 128. National Silicon Industry Latest Developments

Table 129. Sino-American Silicon Products Inc. Basic Information, 150mm Silicon Wafer Manufacturing Base, Sales Area and Its Competitors

Table 130. Sino-American Silicon Products Inc. 150mm Silicon Wafer Product Portfolios and Specifications

Table 131. Sino-American Silicon Products Inc. 150mm Silicon Wafer Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 132. Sino-American Silicon Products Inc. Main Business

Table 133. Sino-American Silicon Products Inc. Latest Developments

## **LIST OFFIGURES**

Figure 1. Picture of 150mm Silicon Wafer

Figure 2. 150mm Silicon Wafer Report Years Considered

Figure 3. Research Objectives

Figure 4. Research Methodology

Figure 5. Research Process and Data Source

Figure 6. Global 150mm Silicon Wafer Sales Growth Rate 2019-2030 (K Units)

Figure 7. Global 150mm Silicon Wafer Revenue Growth Rate 2019-2030 (\$ Millions)

Figure 8. 150mm Silicon Wafer Sales by Region (2019, 2023 & 2030) & (\$ Millions)

Figure 9. Product Picture of Prime Grade

Figure 10. Product Picture of Test Grade

Figure 11. Product Picture of Monitor/Mechanical Grade

Figure 12. Global 150mm Silicon Wafer Sales Market Share by Type in 2023

Figure 13. Global 150mm Silicon Wafer Revenue Market Share by Type (2019-2024)

Figure 14. 150mm Silicon Wafer Consumed in IT and Telecommunications

Figure 15. Global 150mm Silicon Wafer Market: IT and Telecommunications (2019-2024) & (K Units)

Figure 16. 150mm Silicon Wafer Consumed in Medical

Figure 17. Global 150mm Silicon Wafer Market: Medical (2019-2024) & (K Units)

Figure 18. 150mm Silicon Wafer Consumed in National Defence

Figure 19. Global 150mm Silicon Wafer Market: National Defence (2019-2024) & (K Units)

Figure 20. 150mm Silicon Wafer Consumed in Microwave

Figure 21. Global 150mm Silicon Wafer Market: Microwave (2019-2024) & (K Units)

Figure 22. 150mm Silicon Wafer Consumed in Other

Figure 23. Global 150mm Silicon Wafer Market: Other (2019-2024) & (K Units)

Figure 24. Global 150mm Silicon Wafer Sales Market Share by Application (2023)

Figure 25. Global 150mm Silicon Wafer Revenue Market Share by Application in 2023

Figure 26. 150mm Silicon Wafer Sales Market by Company in 2023 (K Units)

Figure 27. Global 150mm Silicon Wafer Sales Market Share by Company in 2023

Figure 28. 150mm Silicon Wafer Revenue Market by Company in 2023 (\$ Million)

Figure 29. Global 150mm Silicon Wafer Revenue Market Share by Company in 2023

Figure 30. Global 150mm Silicon Wafer Sales Market Share by Geographic Region (2019-2024)

Figure 31. Global 150mm Silicon Wafer Revenue Market Share by Geographic Region in 2023

Figure 32. Americas 150mm Silicon Wafer Sales 2019-2024 (K Units)

Figure 33. Americas 150mm Silicon Wafer Revenue 2019-2024 (\$ Millions)

Figure 34. APAC 150mm Silicon Wafer Sales 2019-2024 (K Units)

Figure 35. APAC 150mm Silicon Wafer Revenue 2019-2024 (\$ Millions)

Figure 36. Europe 150mm Silicon Wafer Sales 2019-2024 (K Units)

Figure 37. Europe 150mm Silicon Wafer Revenue 2019-2024 (\$ Millions)

Figure 38. Middle East & Africa 150mm Silicon Wafer Sales 2019-2024 (K Units)

Figure 39. Middle East & Africa 150mm Silicon Wafer Revenue 2019-2024 (\$ Millions)

Figure 40. Americas 150mm Silicon Wafer Sales Market Share by Country in 2023

Figure 41. Americas 150mm Silicon Wafer Revenue Market Share by Country in 2023

Figure 42. Americas 150mm Silicon Wafer Sales Market Share by Type (2019-2024)

Figure 43. Americas 150mm Silicon Wafer Sales Market Share by Application (2019-2024)

Figure 44. United States 150mm Silicon Wafer Revenue Growth 2019-2024 (\$ Millions)

Figure 45. Canada 150mm Silicon Wafer Revenue Growth 2019-2024 (\$ Millions)

Figure 46. Mexico 150mm Silicon Wafer Revenue Growth 2019-2024 (\$ Millions)

Figure 47. Brazil 150mm Silicon Wafer Revenue Growth 2019-2024 (\$ Millions)

Figure 48. APAC 150mm Silicon Wafer Sales Market Share by Region in 2023

Figure 49. APAC 150mm Silicon Wafer Revenue Market Share by Regions in 2023

Figure 50. APAC 150mm Silicon Wafer Sales Market Share by Type (2019-2024)

Figure 51. APAC 150mm Silicon Wafer Sales Market Share by Application (2019-2024)

- Figure 52. China 150mm Silicon Wafer Revenue Growth 2019-2024 (\$ Millions)
- Figure 53. Japan 150mm Silicon Wafer Revenue Growth 2019-2024 (\$ Millions)
- Figure 54. South Korea 150mm Silicon Wafer Revenue Growth 2019-2024 (\$ Millions)
- Figure 55. Southeast Asia 150mm Silicon Wafer Revenue Growth 2019-2024 (\$ Millions)
- Figure 56. India 150mm Silicon Wafer Revenue Growth 2019-2024 (\$ Millions)
- Figure 57. Australia 150mm Silicon Wafer Revenue Growth 2019-2024 (\$ Millions)
- Figure 58. ChinaTaiwan 150mm Silicon Wafer Revenue Growth 2019-2024 (\$ Millions)
- Figure 59. Europe 150mm Silicon Wafer Sales Market Share by Country in 2023
- Figure 60. Europe 150mm Silicon Wafer Revenue Market Share by Country in 2023
- Figure 61. Europe 150mm Silicon Wafer Sales Market Share byType (2019-2024)
- Figure 62. Europe 150mm Silicon Wafer Sales Market Share by Application (2019-2024)
- Figure 63. Germany 150mm Silicon Wafer Revenue Growth 2019-2024 (\$ Millions)
- Figure 64. France 150mm Silicon Wafer Revenue Growth 2019-2024 (\$ Millions)
- Figure 65. UK 150mm Silicon Wafer Revenue Growth 2019-2024 (\$ Millions)
- Figure 66. Italy 150mm Silicon Wafer Revenue Growth 2019-2024 (\$ Millions)
- Figure 67. Russia 150mm Silicon Wafer Revenue Growth 2019-2024 (\$ Millions)
- Figure 68. Middle East & Africa 150mm Silicon Wafer Sales Market Share by Country in 2023
- Figure 69. Middle East & Africa 150mm Silicon Wafer Revenue Market Share by Country in 2023
- Figure 70. Middle East & Africa 150mm Silicon Wafer Sales Market Share byType (2019-2024)
- Figure 71. Middle East & Africa 150mm Silicon Wafer Sales Market Share by Application (2019-2024)
- Figure 72. Egypt 150mm Silicon Wafer Revenue Growth 2019-2024 (\$ Millions)
- Figure 73. South Africa 150mm Silicon Wafer Revenue Growth 2019-2024 (\$ Millions)
- Figure 74. Israel 150mm Silicon Wafer Revenue Growth 2019-2024 (\$ Millions)
- Figure 75. Turkey 150mm Silicon Wafer Revenue Growth 2019-2024 (\$ Millions)
- Figure 76. GCC Country 150mm Silicon Wafer Revenue Growth 2019-2024 (\$ Millions)
- Figure 77. Manufacturing Cost Structure Analysis of 150mm Silicon Wafer in 2023
- Figure 78. Manufacturing Process Analysis of 150mm Silicon Wafer
- Figure 79. Industry Chain Structure of 150mm Silicon Wafer
- Figure 80. Channels of Distribution
- Figure 81. Global 150mm Silicon Wafer Sales MarketForecast by Region (2025-2030)
- Figure 82. Global 150mm Silicon Wafer Revenue Market ShareForecast by Region (2025-2030)
- Figure 83. Global 150mm Silicon Wafer Sales Market ShareForecast byType

(2025-2030)

Figure 84. Global 150mm Silicon Wafer Revenue Market ShareForecast byType

(2025-2030)

Figure 85. Global 150mm Silicon Wafer Sales Market ShareForecast by Application

(2025-2030)

Figure 86. Global 150mm Silicon Wafer Revenue Market ShareForecast by Application

(2025-2030)

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