

Global Silicon-on-Insulator (SOI) Market Size, Manufacturers, Opportunities and Forecast to 2030

<https://marketpublishers.com/r/GF9D238AF2EBEN.html>

Date: April 2024

Pages: 78

Price: US\$ 3,450.00 (Single User License)

ID: GF9D238AF2EBEN

Abstracts

Summary

This report studies the Silicon-on-Insulator (SOI) market. Silicon-On-Insulator (SOI) is a semiconductor fabrication technique developed by IBM that uses pure crystal silicon and silicon oxide for integrated circuits (ICs) and microchips. An SOI microchip processing speed is often 30% faster than today's complementary metal-oxide semiconductor (CMOS)-based chips and power consumption is reduced 80%, which makes them ideal for mobile devices. SOI chips also reduce the soft error rate, which is data corruption caused by cosmic rays and natural radioactive background signals. Silicon-On-Insulator (SOI) is a new type of starting material for the chipmaking process. SOI wafers have three layers; a thin surface layer of silicon (from a few hundred Angstrom to several microns thick) where the transistors are formed, an underlying layer of insulating material on a support or 'handle' bulk silicon wafer. The insulating layer, usually made of silicon dioxide, is referred to as the 'buried oxide' or 'BOX', and is usually a few thousand Angstroms thick. Transistors built within the top silicon layer, switch signals faster, run at lower voltages, and are much less vulnerable to signal noise from background cosmic ray particles. Each transistor is isolated from its neighbor by a complete layer of silicon dioxide. These transistors are immune to 'latch-up' problems and can be spaced closer together than transistors built on bulk silicon wafers. Building circuits on SOI increases Fab productivity by allowing for more compact circuit designs, yielding more chips per wafer. SOI enables increased chip functionality without the cost of major Fab process equipment changes. Faster circuit operation and lower operating voltages have produced a powerful surge in the performance of high-speed network servers and new designs for hand-held computing and communication devices with longer battery life. Advanced circuits, using multiple layers of SOI-type device silicon, can lead the way to a coupling of electrical and optical

signal processing into a single chip resulting in a dramatic broadening of communication bandwidth and new applications such as global-ranging, direct-link entertainment and communication to hand-held devices.

According to APO Research, The global Silicon-on-Insulator (SOI) 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.

North American market for Silicon-on-Insulator (SOI) is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

Asia-Pacific market for Silicon-on-Insulator (SOI) is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

Europe market for Silicon-on-Insulator (SOI) is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

The major global manufacturers of Silicon-on-Insulator (SOI) include Soitec SA, Shin-Etsu Chemical and SunEdison, etc. In 2023, the world's top three vendors accounted for approximately % of the revenue.

Report Scope

This report aims to provide a comprehensive presentation of the global market for Silicon-on-Insulator (SOI), 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-on-Insulator (SOI).

The Silicon-on-Insulator (SOI) market size, estimations, and forecasts are provided in terms of sales volume (K Units) 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-on-Insulator (SOI) 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:

Soitec SA

Shin-Etsu Chemical

SunEdison

Silicon-on-Insulator (SOI) segment by Type

300 mm SOI

Small Diameters

Silicon-on-Insulator (SOI) segment by Application

Automobile and Smart Industry

Consumer Electronic

Other

Silicon-on-Insulator (SOI) 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-on-Insulator (SOI) 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-on-Insulator (SOI) 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-on-Insulator (SOI).

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-on-Insulator (SOI) manufacturers competitive landscape, price, sales, revenue, market share and ranking, latest development plan, merger, and acquisition information, etc.

Chapter 4: Sales, revenue of Silicon-on-Insulator (SOI) 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-on-Insulator (SOI) Market Size Estimates and Forecasts (2019-2030)
 - 1.2.2 Global Silicon-on-Insulator (SOI) Sales Estimates and Forecasts (2019-2030)
- 1.3 Silicon-on-Insulator (SOI) Market by Type
 - 1.3.1 300 mm SOI
 - 1.3.2 Small Diameters
- 1.4 Global Silicon-on-Insulator (SOI) Market Size by Type
 - 1.4.1 Global Silicon-on-Insulator (SOI) Market Size Overview by Type (2019-2030)
 - 1.4.2 Global Silicon-on-Insulator (SOI) Historic Market Size Review by Type (2019-2024)
 - 1.4.3 Global Silicon-on-Insulator (SOI) Forecasted Market Size by Type (2025-2030)
- 1.5 Key Regions Market Size by Type
 - 1.5.1 North America Silicon-on-Insulator (SOI) Sales Breakdown by Type (2019-2024)
 - 1.5.2 Europe Silicon-on-Insulator (SOI) Sales Breakdown by Type (2019-2024)
 - 1.5.3 Asia-Pacific Silicon-on-Insulator (SOI) Sales Breakdown by Type (2019-2024)
 - 1.5.4 Latin America Silicon-on-Insulator (SOI) Sales Breakdown by Type (2019-2024)
 - 1.5.5 Middle East and Africa Silicon-on-Insulator (SOI) Sales Breakdown by Type (2019-2024)

2 GLOBAL MARKET DYNAMICS

- 2.1 Silicon-on-Insulator (SOI) Industry Trends
- 2.2 Silicon-on-Insulator (SOI) Industry Drivers
- 2.3 Silicon-on-Insulator (SOI) Industry Opportunities and Challenges
- 2.4 Silicon-on-Insulator (SOI) Industry Restraints

3 MARKET COMPETITIVE LANDSCAPE BY COMPANY

- 3.1 Global Top Players by Silicon-on-Insulator (SOI) Revenue (2019-2024)
- 3.2 Global Top Players by Silicon-on-Insulator (SOI) Sales (2019-2024)
- 3.3 Global Top Players by Silicon-on-Insulator (SOI) Price (2019-2024)
- 3.4 Global Silicon-on-Insulator (SOI) Industry Company Ranking, 2022 VS 2023 VS 2024

- 3.5 Global Silicon-on-Insulator (SOI) Key Company Manufacturing Sites & Headquarters
- 3.6 Global Silicon-on-Insulator (SOI) Company, Product Type & Application
- 3.7 Global Silicon-on-Insulator (SOI) Company Commercialization Time
- 3.8 Market Competitive Analysis
 - 3.8.1 Global Silicon-on-Insulator (SOI) Market CR5 and HHI
 - 3.8.2 Global Top 5 and 10 Silicon-on-Insulator (SOI) Players Market Share by Revenue in 2023
 - 3.8.3 2023 Silicon-on-Insulator (SOI) Tier 1, Tier 2, and Tier

4 SILICON-ON-INSULATOR (SOI) REGIONAL STATUS AND OUTLOOK

- 4.1 Global Silicon-on-Insulator (SOI) Market Size and CAGR by Region: 2019 VS 2023 VS 2030
- 4.2 Global Silicon-on-Insulator (SOI) Historic Market Size by Region
 - 4.2.1 Global Silicon-on-Insulator (SOI) Sales in Volume by Region (2019-2024)
 - 4.2.2 Global Silicon-on-Insulator (SOI) Sales in Value by Region (2019-2024)
 - 4.2.3 Global Silicon-on-Insulator (SOI) Sales (Volume & Value), Price and Gross Margin (2019-2024)
- 4.3 Global Silicon-on-Insulator (SOI) Forecasted Market Size by Region
 - 4.3.1 Global Silicon-on-Insulator (SOI) Sales in Volume by Region (2025-2030)
 - 4.3.2 Global Silicon-on-Insulator (SOI) Sales in Value by Region (2025-2030)
 - 4.3.3 Global Silicon-on-Insulator (SOI) Sales (Volume & Value), Price and Gross Margin (2025-2030)

5 SILICON-ON-INSULATOR (SOI) BY APPLICATION

- 5.1 Silicon-on-Insulator (SOI) Market by Application
 - 5.1.1 Automobile and Smart Industry
 - 5.1.2 Consumer Electronic
 - 5.1.3 Other
- 5.2 Global Silicon-on-Insulator (SOI) Market Size by Application
 - 5.2.1 Global Silicon-on-Insulator (SOI) Market Size Overview by Application (2019-2030)
 - 5.2.2 Global Silicon-on-Insulator (SOI) Historic Market Size Review by Application (2019-2024)
 - 5.2.3 Global Silicon-on-Insulator (SOI) Forecasted Market Size by Application (2025-2030)
- 5.3 Key Regions Market Size by Application

5.3.1 North America Silicon-on-Insulator (SOI) Sales Breakdown by Application (2019-2024)

5.3.2 Europe Silicon-on-Insulator (SOI) Sales Breakdown by Application (2019-2024)

5.3.3 Asia-Pacific Silicon-on-Insulator (SOI) Sales Breakdown by Application (2019-2024)

5.3.4 Latin America Silicon-on-Insulator (SOI) Sales Breakdown by Application (2019-2024)

5.3.5 Middle East and Africa Silicon-on-Insulator (SOI) Sales Breakdown by Application (2019-2024)

6 COMPANY PROFILES

6.1 Soitec SA

6.1.1 Soitec SA Company Information

6.1.2 Soitec SA Business Overview

6.1.3 Soitec SA Silicon-on-Insulator (SOI) Sales, Revenue and Gross Margin (2019-2024)

6.1.4 Soitec SA Silicon-on-Insulator (SOI) Product Portfolio

6.1.5 Soitec SA Recent Developments

6.2 Shin-Etsu Chemical

6.2.1 Shin-Etsu Chemical Company Information

6.2.2 Shin-Etsu Chemical Business Overview

6.2.3 Shin-Etsu Chemical Silicon-on-Insulator (SOI) Sales, Revenue and Gross Margin (2019-2024)

6.2.4 Shin-Etsu Chemical Silicon-on-Insulator (SOI) Product Portfolio

6.2.5 Shin-Etsu Chemical Recent Developments

6.3 SunEdison

6.3.1 SunEdison Company Information

6.3.2 SunEdison Business Overview

6.3.3 SunEdison Silicon-on-Insulator (SOI) Sales, Revenue and Gross Margin (2019-2024)

6.3.4 SunEdison Silicon-on-Insulator (SOI) Product Portfolio

6.3.5 SunEdison Recent Developments

7 NORTH AMERICA BY COUNTRY

7.1 North America Silicon-on-Insulator (SOI) Sales by Country

7.1.1 North America Silicon-on-Insulator (SOI) Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

- 7.1.2 North America Silicon-on-Insulator (SOI) Sales by Country (2019-2024)
- 7.1.3 North America Silicon-on-Insulator (SOI) Sales Forecast by Country (2025-2030)
- 7.2 North America Silicon-on-Insulator (SOI) Market Size by Country
 - 7.2.1 North America Silicon-on-Insulator (SOI) Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030
 - 7.2.2 North America Silicon-on-Insulator (SOI) Market Size by Country (2019-2024)
 - 7.2.3 North America Silicon-on-Insulator (SOI) Market Size Forecast by Country (2025-2030)

8 EUROPE BY COUNTRY

- 8.1 Europe Silicon-on-Insulator (SOI) Sales by Country
 - 8.1.1 Europe Silicon-on-Insulator (SOI) Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030
 - 8.1.2 Europe Silicon-on-Insulator (SOI) Sales by Country (2019-2024)
 - 8.1.3 Europe Silicon-on-Insulator (SOI) Sales Forecast by Country (2025-2030)
- 8.2 Europe Silicon-on-Insulator (SOI) Market Size by Country
 - 8.2.1 Europe Silicon-on-Insulator (SOI) Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030
 - 8.2.2 Europe Silicon-on-Insulator (SOI) Market Size by Country (2019-2024)
 - 8.2.3 Europe Silicon-on-Insulator (SOI) Market Size Forecast by Country (2025-2030)

9 ASIA-PACIFIC BY COUNTRY

- 9.1 Asia-Pacific Silicon-on-Insulator (SOI) Sales by Country
 - 9.1.1 Asia-Pacific Silicon-on-Insulator (SOI) Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030
 - 9.1.2 Asia-Pacific Silicon-on-Insulator (SOI) Sales by Country (2019-2024)
 - 9.1.3 Asia-Pacific Silicon-on-Insulator (SOI) Sales Forecast by Country (2025-2030)
- 9.2 Asia-Pacific Silicon-on-Insulator (SOI) Market Size by Country
 - 9.2.1 Asia-Pacific Silicon-on-Insulator (SOI) Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030
 - 9.2.2 Asia-Pacific Silicon-on-Insulator (SOI) Market Size by Country (2019-2024)
 - 9.2.3 Asia-Pacific Silicon-on-Insulator (SOI) Market Size Forecast by Country (2025-2030)

10 LATIN AMERICA BY COUNTRY

- 10.1 Latin America Silicon-on-Insulator (SOI) Sales by Country

10.1.1 Latin America Silicon-on-Insulator (SOI) Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

10.1.2 Latin America Silicon-on-Insulator (SOI) Sales by Country (2019-2024)

10.1.3 Latin America Silicon-on-Insulator (SOI) Sales Forecast by Country (2025-2030)

10.2 Latin America Silicon-on-Insulator (SOI) Market Size by Country

10.2.1 Latin America Silicon-on-Insulator (SOI) Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

10.2.2 Latin America Silicon-on-Insulator (SOI) Market Size by Country (2019-2024)

10.2.3 Latin America Silicon-on-Insulator (SOI) Market Size Forecast by Country (2025-2030)

11 MIDDLE EAST AND AFRICA BY COUNTRY

11.1 Middle East and Africa Silicon-on-Insulator (SOI) Sales by Country

11.1.1 Middle East and Africa Silicon-on-Insulator (SOI) Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

11.1.2 Middle East and Africa Silicon-on-Insulator (SOI) Sales by Country (2019-2024)

11.1.3 Middle East and Africa Silicon-on-Insulator (SOI) Sales Forecast by Country (2025-2030)

11.2 Middle East and Africa Silicon-on-Insulator (SOI) Market Size by Country

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

11.2.2 Middle East and Africa Silicon-on-Insulator (SOI) Market Size by Country (2019-2024)

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

12 VALUE CHAIN AND SALES CHANNELS ANALYSIS

12.1 Silicon-on-Insulator (SOI) Value Chain Analysis

12.1.1 Silicon-on-Insulator (SOI) 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-on-Insulator (SOI) Production Mode & Process

12.2 Silicon-on-Insulator (SOI) Sales Channels Analysis

12.2.1 Direct Comparison with Distribution Share

12.2.2 Silicon-on-Insulator (SOI) Distributors

12.2.3 Silicon-on-Insulator (SOI) 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

List Of Tables

LIST OF TABLES

Table 1. Major Company of 300 mm SOI

Table 2. Major Company of Small Diameters

Table 3. Global Silicon-on-Insulator (SOI) Sales by Type (2019 VS 2023 VS 2030) & (US\$ Million)

Table 4. Global Silicon-on-Insulator (SOI) Sales by Type (2019-2024) & (K Units)

Table 5. Global Silicon-on-Insulator (SOI) Sales Market Share in Volume by Type (2019-2024)

Table 6. Global Silicon-on-Insulator (SOI) Sales by Type (2019-2024) & (US\$ Million)

Table 7. Global Silicon-on-Insulator (SOI) Sales Market Share in Value by Type (2019-2024)

Table 8. Global Silicon-on-Insulator (SOI) Price by Type (2019-2024) & (USD/Unit)

Table 9. Global Silicon-on-Insulator (SOI) Sales by Type (2025-2030) & (K Units)

Table 10. Global Silicon-on-Insulator (SOI) Sales Market Share in Volume by Type (2025-2030)

Table 11. Global Silicon-on-Insulator (SOI) Sales by Type (2025-2030) & (US\$ Million)

Table 12. Global Silicon-on-Insulator (SOI) Sales Market Share in Value by Type (2025-2030)

Table 13. Global Silicon-on-Insulator (SOI) Price by Type (2025-2030) & (USD/Unit)

Table 14. North America Silicon-on-Insulator (SOI) Sales by Type (2019-2024) & (K Units)

Table 15. North America Silicon-on-Insulator (SOI) Sales by Type (2019-2024) & (US\$ Million)

Table 16. Europe Silicon-on-Insulator (SOI) Sales by Type (2019-2024) & (K Units)

Table 17. Europe Silicon-on-Insulator (SOI) Sales by Type (2019-2024) & (US\$ Million)

Table 18. Asia-Pacific Silicon-on-Insulator (SOI) Sales by Type (2019-2024) & (K Units)

Table 19. Asia-Pacific Silicon-on-Insulator (SOI) Sales by Type (2019-2024) & (US\$ Million)

Table 20. Latin America Silicon-on-Insulator (SOI) Sales by Type (2019-2024) & (K Units)

Table 21. Latin America Silicon-on-Insulator (SOI) Sales by Type (2019-2024) & (US\$ Million)

Table 22. Middle East and Africa Silicon-on-Insulator (SOI) Sales by Type (2019-2024) & (K Units)

Table 23. Middle East and Africa Silicon-on-Insulator (SOI) Sales by Type (2019-2024) & (US\$ Million)

- Table 24. Silicon-on-Insulator (SOI) Industry Trends
- Table 25. Silicon-on-Insulator (SOI) Industry Drivers
- Table 26. Silicon-on-Insulator (SOI) Industry Opportunities and Challenges
- Table 27. Silicon-on-Insulator (SOI) Industry Restraints
- Table 28. Global Silicon-on-Insulator (SOI) Sales Revenue by Company (US\$ Million) & (2019-2024)
- Table 29. Global Silicon-on-Insulator (SOI) Revenue Market Share by Company (2019-2024)
- Table 30. Global Silicon-on-Insulator (SOI) Sales by Company (2019-2024) & (K Units)
- Table 31. Global Silicon-on-Insulator (SOI) Sales Share by Company (2019-2024)
- Table 32. Global Silicon-on-Insulator (SOI) Market Price by Company (2019-2024) & (USD/Unit)
- Table 33. Global Silicon-on-Insulator (SOI) Industry Company Ranking, 2022 VS 2023 VS 2024
- Table 34. Global Silicon-on-Insulator (SOI) Key Company Manufacturing Sites & Headquarters
- Table 35. Global Silicon-on-Insulator (SOI) Company, Product Type & Application
- Table 36. Global Silicon-on-Insulator (SOI) Company Commercialization Time
- Table 37. Global Company Market Concentration Ratio (CR5 and HHI)
- Table 38. Global Silicon-on-Insulator (SOI) by Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue of 2023)
- Table 39. Global Silicon-on-Insulator (SOI) Market Size Comparison by Region (US\$ Million): 2019 VS 2023 VS 2030
- Table 40. Global Silicon-on-Insulator (SOI) Sales by Region (2019-2024) & (K Units)
- Table 41. Global Silicon-on-Insulator (SOI) Sales Market Share in Volume by Region (2019-2024)
- Table 42. Global Silicon-on-Insulator (SOI) Sales by Region (2019-2024) & (US\$ Million)
- Table 43. Global Silicon-on-Insulator (SOI) Sales Market Share in Value by Region (2019-2024)
- Table 44. Global Silicon-on-Insulator (SOI) Sales (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 45. Global Silicon-on-Insulator (SOI) Sales by Region (2025-2030) & (K Units)
- Table 46. Global Silicon-on-Insulator (SOI) Sales Market Share in Volume by Region (2025-2030)
- Table 47. Global Silicon-on-Insulator (SOI) Sales by Region (2025-2030) & (US\$ Million)
- Table 48. Global Silicon-on-Insulator (SOI) Sales Market Share in Value by Region (2025-2030)

Table 49. Global Silicon-on-Insulator (SOI) Sales (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2025-2030)

Table 50. Global Silicon-on-Insulator (SOI) Sales by Application (2019 VS 2023 VS 2030) & (US\$ Million)

Table 51. Global Silicon-on-Insulator (SOI) Sales by Application (2019-2024) & (K Units)

Table 52. Global Silicon-on-Insulator (SOI) Sales Market Share in Volume by Application (2019-2024)

Table 53. Global Silicon-on-Insulator (SOI) Sales by Application (2019-2024) & (US\$ Million)

Table 54. Global Silicon-on-Insulator (SOI) Sales Market Share in Value by Application (2019-2024)

Table 55. Global Silicon-on-Insulator (SOI) Price by Application (2019-2024) & (USD/Unit)

Table 56. Global Silicon-on-Insulator (SOI) Sales by Application (2025-2030) & (K Units)

Table 57. Global Silicon-on-Insulator (SOI) Sales Market Share in Volume by Application (2025-2030)

Table 58. Global Silicon-on-Insulator (SOI) Sales by Application (2025-2030) & (US\$ Million)

Table 59. Global Silicon-on-Insulator (SOI) Sales Market Share in Value by Application (2025-2030)

Table 60. Global Silicon-on-Insulator (SOI) Price by Application (2025-2030) & (USD/Unit)

Table 61. North America Silicon-on-Insulator (SOI) Sales by Application (2019-2024) & (K Units)

Table 62. North America Silicon-on-Insulator (SOI) Sales by Application (2019-2024) & (US\$ Million)

Table 63. Europe Silicon-on-Insulator (SOI) Sales by Application (2019-2024) & (K Units)

Table 64. Europe Silicon-on-Insulator (SOI) Sales by Application (2019-2024) & (US\$ Million)

Table 65. Asia-Pacific Silicon-on-Insulator (SOI) Sales by Application (2019-2024) & (K Units)

Table 66. Asia-Pacific Silicon-on-Insulator (SOI) Sales by Application (2019-2024) & (US\$ Million)

Table 67. Latin America Silicon-on-Insulator (SOI) Sales by Application (2019-2024) & (K Units)

Table 68. Latin America Silicon-on-Insulator (SOI) Sales by Application (2019-2024) & (US\$ Million)

Table 69. Middle East and Africa Silicon-on-Insulator (SOI) Sales by Application

(2019-2024) & (K Units)

Table 70. Middle East and Africa Silicon-on-Insulator (SOI) Sales by Application (2019-2024) & (US\$ Million)

Table 71. Soitec SA Company Information

Table 72. Soitec SA Business Overview

Table 73. Soitec SA Silicon-on-Insulator (SOI) Sales (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 74. Soitec SA Silicon-on-Insulator (SOI) Product Portfolio

Table 75. Soitec SA Recent Development

Table 76. Shin-Etsu Chemical Company Information

Table 77. Shin-Etsu Chemical Business Overview

Table 78. Shin-Etsu Chemical Silicon-on-Insulator (SOI) Sales (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 79. Shin-Etsu Chemical Silicon-on-Insulator (SOI) Product Portfolio

Table 80. Shin-Etsu Chemical Recent Development

Table 81. SunEdison Company Information

Table 82. SunEdison Business Overview

Table 83. SunEdison Silicon-on-Insulator (SOI) Sales (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 84. SunEdison Silicon-on-Insulator (SOI) Product Portfolio

Table 85. SunEdison Recent Development

Table 86. North America Silicon-on-Insulator (SOI) Market Size Growth Rate (CAGR) by Country (K Units): 2019 VS 2023 VS 2030

Table 87. North America Silicon-on-Insulator (SOI) Sales by Country (2019-2024) & (K Units)

Table 88. North America Silicon-on-Insulator (SOI) Sales Market Share by Country (2019-2024)

Table 89. North America Silicon-on-Insulator (SOI) Sales Forecast by Country (2025-2030) & (K Units)

Table 90. North America Silicon-on-Insulator (SOI) Sales Market Share Forecast by Country (2025-2030)

Table 91. North America Silicon-on-Insulator (SOI) Market Size Growth Rate (CAGR) by Country (US\$ Million): 2019 VS 2023 VS 2030

Table 92. North America Silicon-on-Insulator (SOI) Market Size by Country (2019-2024) & (US\$ Million)

Table 93. North America Silicon-on-Insulator (SOI) Market Share by Country (2019-2024)

Table 94. North America Silicon-on-Insulator (SOI) Market Size Forecast by Country (2025-2030) & (US\$ Million)

Table 95. North America Silicon-on-Insulator (SOI) Market Share Forecast by Country (2025-2030)

Table 96. Europe Silicon-on-Insulator (SOI) Market Size Growth Rate (CAGR) by Country (K Units): 2019 VS 2023 VS 2030

Table 97. Europe Silicon-on-Insulator (SOI) Sales by Country (2019-2024) & (K Units)

Table 98. Europe Silicon-on-Insulator (SOI) Sales Market Share by Country (2019-2024)

Table 99. Europe Silicon-on-Insulator (SOI) Sales Forecast by Country (2025-2030) & (K Units)

Table 100. Europe Silicon-on-Insulator (SOI) Sales Market Share Forecast by Country (2025-2030)

Table 101. Europe Silicon-on-Insulator (SOI) Market Size Growth Rate (CAGR) by Country (US\$ Million): 2019 VS 2023 VS 2030

Table 102. Europe Silicon-on-Insulator (SOI) Market Size by Country (2019-2024) & (US\$ Million)

Table 103. Europe Silicon-on-Insulator (SOI) Market Share by Country (2019-2024)

Table 104. Europe Silicon-on-Insulator (SOI) Market Size Forecast by Country (2025-2030) & (US\$ Million)

Table 105. Europe Silicon-on-Insulator (SOI) Market Share Forecast by Country (2025-2030)

Table 106. Asia-Pacific Silicon-on-Insulator (SOI) Market Size Growth Rate (CAGR) by Country (K Units): 2019 VS 2023 VS 2030

Table 107. Asia-Pacific Silicon-on-Insulator (SOI) Sales by Country (2019-2024) & (K Units)

Table 108. Asia-Pacific Silicon-on-Insulator (SOI) Sales Market Share by Country (2019-2024)

Table 109. Asia-Pacific Silicon-on-Insulator (SOI) Sales Forecast by Country (2025-2030) & (K Units)

Table 110. Asia-Pacific Silicon-on-Insulator (SOI) Sales Market Share Forecast by Country (2025-2030)

Table 111. Asia-Pacific Silicon-on-Insulator (SOI) Market Size Growth Rate (CAGR) by Country (US\$ Million): 2019 VS 2023 VS 2030

Table 112. Asia-Pacific Silicon-on-Insulator (SOI) Market Size by Country (2019-2024) & (US\$ Million)

Table 113. Asia-Pacific Silicon-on-Insulator (SOI) Market Share by Country (2019-2024)

Table 114. Asia-Pacific Silicon-on-Insulator (SOI) Market Size Forecast by Country (2025-2030) & (US\$ Million)

Table 115. Asia-Pacific Silicon-on-Insulator (SOI) Market Share Forecast by Country (2025-2030)

Table 116. Latin America Silicon-on-Insulator (SOI) Market Size Growth Rate (CAGR) by Country (K Units): 2019 VS 2023 VS 2030

Table 117. Latin America Silicon-on-Insulator (SOI) Sales by Country (2019-2024) & (K Units)

Table 118. Latin America Silicon-on-Insulator (SOI) Sales Market Share by Country (2019-2024)

Table 119. Latin America Silicon-on-Insulator (SOI) Sales Forecast by Country (2025-2030) & (K Units)

Table 120. Latin America Silicon-on-Insulator (SOI) Sales Market Share Forecast by Country (2025-2030)

Table 121. Latin America Silicon-on-Insulator (SOI) Market Size Growth Rate (CAGR) by Country (US\$ Million): 2019 VS 2023 VS 2030

Table 122. Latin America Silicon-on-Insulator (SOI) Market Size by Country (2019-2024) & (US\$ Million)

Table 123. Latin America Silicon-on-Insulator (SOI) Market Share by Country (2019-2024)

Table 124. Latin America Silicon-on-Insulator (SOI) Market Size Forecast by Country (2025-2030) & (US\$ Million)

Table 125. Latin America Silicon-on-Insulator (SOI) Market Share Forecast by Country (2025-2030)

Table 126. Middle East and Africa Silicon-on-Insulator (SOI) Market Size Growth Rate (CAGR) by Country (K Units): 2019 VS 2023 VS 2030

Table 127. Middle East and Africa Silicon-on-Insulator (SOI) Sales by Country (2019-2024) & (K Units)

Table 128. Middle East and Africa Silicon-on-Insulator (SOI) Sales Market Share by Country (2019-2024)

Table 129. Middle East and Africa Silicon-on-Insulator (SOI) Sales Forecast by Country (2025-2030) & (K Units)

Table 130. Middle East and Africa Silicon-on-Insulator (SOI) Sales Market Share Forecast by Country (2025-2030)

Table 131. Middle East and Africa Silicon-on-Insulator (SOI) Market Size Growth Rate (CAGR) by Country (US\$ Million): 2019 VS 2023 VS 2030

Table 132. Middle East and Africa Silicon-on-Insulator (SOI) Market Size by Country (2019-2024) & (US\$ Million)

Table 133. Middle East and Africa Silicon-on-Insulator (SOI) Market Share by Country (2019-2024)

Table 134. Middle East and Africa Silicon-on-Insulator (SOI) Market Size Forecast by Country (2025-2030) & (US\$ Million)

Table 135. Middle East and Africa Silicon-on-Insulator (SOI) Market Share Forecast by

Country (2025-2030)

Table 136. Key Raw Materials

Table 137. Raw Materials Key Suppliers

Table 138. Silicon-on-Insulator (SOI) Distributors List

Table 139. Silicon-on-Insulator (SOI) Customers List

Table 140. Research Programs/Design for This Report

Table 141. Authors List of This Report

Table 142. Secondary Sources

Table 143. Primary Sources

List Of Figures

LIST OF FIGURES

- Figure 1. Silicon-on-Insulator (SOI) Product Picture
- Figure 2. Global Silicon-on-Insulator (SOI) Market Size (US\$ Million), 2019 VS 2023 VS 2030
- Figure 3. Global Silicon-on-Insulator (SOI) Market Size (2019-2030) & (US\$ Million)
- Figure 4. Global Silicon-on-Insulator (SOI) Sales (2019-2030) & (K Units)
- Figure 5. Product Picture of 300 mm SOI
- Figure 6. Global 300 mm SOI Sales YoY Growth (2019-2030) & (K Units)
- Figure 7. Product Picture of Small Diameters
- Figure 8. Global Small Diameters Sales YoY Growth (2019-2030) & (K Units)
- Figure 9. Global Silicon-on-Insulator (SOI) Market Size Overview by Type (2019-2030) & (US\$ Million)
- Figure 10. Global Silicon-on-Insulator (SOI) Market Share by Type 2023 VS 2030
- Figure 11. North America Silicon-on-Insulator (SOI) Sales Market Share in Volume by Type in 2023
- Figure 12. North America Silicon-on-Insulator (SOI) Sales Market Share in Value by Type in 2023
- Figure 13. Europe Silicon-on-Insulator (SOI) Sales Market Share in Volume by Type in 2023
- Figure 14. Europe Silicon-on-Insulator (SOI) Sales Market Share in Value by Type in 2023
- Figure 15. Asia-Pacific Silicon-on-Insulator (SOI) Sales Market Share in Volume by Type in 2023
- Figure 16. Asia-Pacific Silicon-on-Insulator (SOI) Sales Market Share in Value by Type in 2023
- Figure 17. Latin America Silicon-on-Insulator (SOI) Sales Market Share in Volume by Type in 2023
- Figure 18. Latin America Silicon-on-Insulator (SOI) Sales Market Share in Value by Type in 2023
- Figure 19. Middle East and Africa Silicon-on-Insulator (SOI) Sales Market Share in Volume by Type in 2023
- Figure 20. Middle East and Africa Silicon-on-Insulator (SOI) Sales Market Share in Value by Type in 2023
- Figure 21. Global Top 5 and 10 Silicon-on-Insulator (SOI) Players Market Share by Revenue in 2023
- Figure 22. Company Type (Tier 1, Tier 2, and Tier 3): 2019 VS 2023

Figure 23. Product Picture of Automobile and Smart Industry

Figure 24. Global Automobile and Smart Industry Sales YoY Growth (2019-2030) & (K Units)

Figure 25. Product Picture of Consumer Electronic

Figure 26. Global Consumer Electronic Sales YoY Growth (2019-2030) & (K Units)

Figure 27. Product Picture of Other

Figure 28. Global Other Sales YoY Growth (2019-2030) & (K Units)

Figure 29. Global Silicon-on-Insulator (SOI) Market Size Overview by Application (2019-2030) & (US\$ Million)

Figure 30. Global Silicon-on-Insulator (SOI) Market Share by Application 2023 VS 2030

Figure 31. North America Silicon-on-Insulator (SOI) Sales Market Share in Volume by Application in 2023

Figure 32. North America Silicon-on-Insulator (SOI) Sales Market Share in Value by Application in 2023

Figure 33. Europe Silicon-on-Insulator (SOI) Sales Market Share in Volume by Application in 2023

Figure 34. Europe Silicon-on-Insulator (SOI) Sales Market Share in Value by Application in 2023

Figure 35. Asia-Pacific Silicon-on-Insulator (SOI) Sales Market Share in Volume by Application in 2023

Figure 36. Asia-Pacific Silicon-on-Insulator (SOI) Sales Market Share in Value by Application in 2023

Figure 37. Latin America Silicon-on-Insulator (SOI) Sales Market Share in Volume by Application in 2023

Figure 38. Latin America Silicon-on-Insulator (SOI) Sales Market Share in Value by Application in 2023

Figure 39. Middle East and Africa Silicon-on-Insulator (SOI) Sales Market Share in Volume by Application in 2023

Figure 40. Middle East and Africa Silicon-on-Insulator (SOI) Sales Market Share in Value by Application in 2023

Figure 41. North America Silicon-on-Insulator (SOI) Sales by Country: 2019 VS 2023 VS 2030 (K Units)

Figure 42. North America Silicon-on-Insulator (SOI) Sales Share by Country: 2019 VS 2023 VS 2030

Figure 43. North America Silicon-on-Insulator (SOI) Market Size by Country: 2019 VS 2023 VS 2030 (US\$ Million)

Figure 44. North America Silicon-on-Insulator (SOI) Market Share by Country: 2019 VS 2023 VS 2030

Figure 45. Europe Silicon-on-Insulator (SOI) Sales by Country: 2019 VS 2023 VS 2030

(K Units)

Figure 46. Europe Silicon-on-Insulator (SOI) Sales Share by Country: 2019 VS 2023 VS 2030

Figure 47. Europe Silicon-on-Insulator (SOI) Market Size by Country: 2019 VS 2023 VS 2030 (US\$ Million)

Figure 48. Europe Silicon-on-Insulator (SOI) Market Share by Country: 2019 VS 2023 VS 2030

Figure 49. Asia-Pacific Silicon-on-Insulator (SOI) Sales by Country: 2019 VS 2023 VS 2030 (K Units)

Figure 50. Asia-Pacific Silicon-on-Insulator (SOI) Sales Share by Country: 2019 VS 2023 VS 2030

Figure 51. Asia-Pacific Silicon-on-Insulator (SOI) Market Size by Country: 2019 VS 2023 VS 2030 (US\$ Million)

Figure 52. Asia-Pacific Silicon-on-Insulator (SOI) Market Share by Country: 2019 VS 2023 VS 2030

Figure 53. Latin America Silicon-on-Insulator (SOI) Sales by Country: 2019 VS 2023 VS 2030 (K Units)

Figure 54. Latin America Silicon-on-Insulator (SOI) Sales Share by Country: 2019 VS 2023 VS 2030

Figure 55. Latin America Silicon-on-Insulator (SOI) Market Size by Country: 2019 VS 2023 VS 2030 (US\$ Million)

Figure 56. Latin America Silicon-on-Insulator (SOI) Market Share by Country: 2019 VS 2023 VS 2030

Figure 57. Middle East and Africa Silicon-on-Insulator (SOI) Sales by Country: 2019 VS 2023 VS 2030 (K Units)

Figure 58. Middle East and Africa Silicon-on-Insulator (SOI) Sales Share by Country: 2019 VS 2023 VS 2030

Figure 59. Middle East and Africa Silicon-on-Insulator (SOI) Market Size by Country: 2019 VS 2023 VS 2030 (US\$ Million)

Figure 60. Middle East and Africa Silicon-on-Insulator (SOI) Market Share by Country: 2019 VS 2023 VS 2030

Figure 61. Silicon-on-Insulator (SOI) Value Chain

Figure 62. Key Raw Materials Price

Figure 63. Manufacturing Cost Structure

Figure 64. Silicon-on-Insulator (SOI) Production Mode & Process

Figure 65. Direct Comparison with Distribution Share

Figure 66. Distributors Profiles

Figure 67. Years Considered

Figure 68. Research Process

Figure 69. Key Executives Interviewed

I would like to order

Product name: Global Silicon-on-Insulator (SOI) Market Size, Manufacturers, Opportunities and Forecast to 2030

Product link: <https://marketpublishers.com/r/GF9D238AF2EBEN.html>

Price: US\$ 3,450.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GF9D238AF2EBEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

