

Global Silicon Wafer Market - Forecasts From 2018 to 2023

<https://marketpublishers.com/r/GCF3D9B469DEN.html>

Date: October 2018

Pages: 110

Price: US\$ 3,950.00 (Single User License)

ID: GCF3D9B469DEN

Abstracts

The global silicon wafers market is expected to reach a total market size of US\$9564.826 million in 2023, rising from US\$7876.089 million in 2017 at a CAGR of 3.29% throughout the forecast period. Silicon is the second most abundant element on the planet and is widely used in the semiconductor. The major factors driving the demand for the semiconductor industry is growing adoption of smart devices and growing popularity of industrial automations. In addition, rising disposable income coupled with improvement in the standard of living will further propel the demand for silicon wafers over the forecast period.

This research study examines the current market trends related to the demand, supply, and sales, in addition to the recent developments. Major drivers, restraints, and opportunities have been covered to provide an exhaustive picture of the market. The analysis presents in-depth information regarding the development, trends, and industry policies and regulations implemented in each of the geographical regions. Further, the overall regulatory framework of the market has been exhaustively covered to offer stakeholders a better understanding of the key factors affecting the overall market environment.

Identification of key industry players in the industry and their revenue contribution to the overall business or relevant segment aligned to the study have been covered as a part of competitive intelligence done through extensive secondary research. Various studies and data published by industry associations, analyst reports, investor presentations, press releases and journals among others have been taken into consideration while conducting the secondary research. Both bottom-up and top-down approaches have been utilized to determine the market size of the overall market and key segments. The values obtained are correlated with the primary inputs of the key stakeholders in the

value chain of the silicon wafers market. The last step involves complete market engineering which includes analyzing the data from different sources and existing proprietary datasets while using various data triangulation methods for market breakdown and forecasting.

Market intelligence is presented in the form of analysis, charts, and graphics to help the clients in gaining faster and efficient understanding of the market.

Major industry players profiled as part of the report are Siltronic AG, Sumco Corporation, Shin- Etsu Chemical Co., Ltd., Okmetic, Global Wafers Co., Ltd., Sil'tronix Silicon Technologies, and Silicon Materials, Inc. among others.

Segmentation

The silicon wafers market has been analyzed through the following segments:

By Wafer Size

O – 100 mm

100 – 200 mm

200 – 300 mm

More than 300 mm

By Fabrication Method

Czochralski Technique (Cz)

Bridgeman Method

Float-Zone

Others

By Industry Vertical

Consumer Electronics

Automotive

Manufacturing

Telecommunications

Others

By Geography

North America

USA

Canada

Mexico

Others

South America

Brazil

Others
Europe
France
Germany
UK
Italy
Others
Middle East and Africa
Israel
Others
Asia Pacific
China
Taiwan
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Others

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