

Thin Wafer Market - Forecasts from 2018 to 2023

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Abstracts

The thin wafer market is expected to grow at a compound annual growth rate of 4.22% over the forecast period to reach a total market size of US\$7.195 billion by 2023, from a market size of US\$9.220 billion in 2017. Reduction in the size of various electronic devices and electrical components is one of the major factors driving the demand for thin wafers. Rising number of smartphone users across the globe is majorly boosting the demand for these wafer type in order to minimize the thickness of the devices being manufactured. Expanding global semiconductor industry coupled with increasing awareness regarding the technology will propel the growth of thin wafers market in the coming years. Growing IC (integrated circuit) industry and rising demand for portable devices will further augment the demand for thin wafers. By size, 300 mm thin wafer is experiencing a significant market growth as it enables the manufacturing of a large number of devices in a single batch, thereby impacting the global thin wafer market positively. Geographically, China from the APAC region is anticipated to witness the fastest growth of thin wafer market during the forecast period owing to the spending on the wafer fabrication equipment. Factors such as growing semiconductor industry, rapid industrialization, and high demand for various consumer electronics, particularly smartphones and tablets will lead to this regional market growth. However, inefficient maintenance and delay in supply of thin wafers due to manufacturing defects will restrain the growth of global thin wafer market during 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 region. 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 thin wafer value chain. 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 global thin wafer market.

Major industry players profiled as part of the report are Siltronic AG, LDK Solar, GlobalWafers and Wafer Works Corporation among others.

Segmentation

The global thin wafer market has been analyzed through following segments:

By Size

125mm

200mm

300mm

By Application

MEMS

Memory

LED

RF Devices

Image Sensor

Others

By Geography

North America

United States

Canada

Mexico

Others

South America

Brazil

Argentina

Others

Europe

Germany

France

Italy

United Kingdom

Others

Middle East and Africa

Israel

Saudi Arabia

South Africa

Others

Asia Pacific

Japan

China

India

Australia

Others

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