

Monocrystalline Silicon Epitaxial Wafer Market, Global Outlook and Forecast 2022-2028

<https://marketpublishers.com/r/M6DDF5309551EN.html>

Date: February 2022

Pages: 118

Price: US\$ 3,250.00 (Single User License)

ID: M6DDF5309551EN

Abstracts

Monocrystalline silicon epitaxial wafer refers to a monocrystalline silicon wafer produced by growing a thin film on the surface of a substrate by an epitaxial process. It is mainly composed of three parts: P type, quantum well, and type.

This report contains market size and forecasts of Monocrystalline Silicon Epitaxial Wafer in global, including the following market information:

Global Monocrystalline Silicon Epitaxial Wafer Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Monocrystalline Silicon Epitaxial Wafer Market Sales, 2017-2022, 2023-2028, (K Units)

Global top five Monocrystalline Silicon Epitaxial Wafer companies in 2021 (%)

The global Monocrystalline Silicon Epitaxial Wafer market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

8 inches Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Monocrystalline Silicon Epitaxial Wafer include II-VI Incorporated, IQE PLC, Nichia Corporation (Japan), SAS/GlobalWafers Co., Ltd.

(Taiwan), Shin-Etsu, Showa Denko, Siltronic, SOITEC and Soitec BE / EpiGaN, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Monocrystalline Silicon Epitaxial Wafer manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Monocrystalline Silicon Epitaxial Wafer Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Monocrystalline Silicon Epitaxial Wafer Market Segment Percentages, by Type, 2021 (%)

8 inches

12 inches

4 inches

6 inches

Other

Global Monocrystalline Silicon Epitaxial Wafer Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Monocrystalline Silicon Epitaxial Wafer Market Segment Percentages, by Application, 2021 (%)

CMOS Products

Diode

Transistor

Integrated Circuit

Other

Global Monocrystalline Silicon Epitaxial Wafer Market, By Region and Country,
2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Monocrystalline Silicon Epitaxial Wafer Market Segment Percentages, By
Region and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Monocrystalline Silicon Epitaxial Wafer revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies Monocrystalline Silicon Epitaxial Wafer revenues share in global market, 2021 (%)

Key companies Monocrystalline Silicon Epitaxial Wafer sales in global market, 2017-2022 (Estimated), (K Units)

Key companies Monocrystalline Silicon Epitaxial Wafer sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

II-VI Incorporated

IQE PLC

Nichia Corporation (Japan)

SAS/GlobalWafers Co., Ltd. (Taiwan)

Shin-Etsu

Showa Denko

Siltronic

SOITEC

Soitec BE / EpiGaN

Sumitomo Chemical Advanced Technologies

Beijing Eswell Technology Group Co., Ltd.

Hebei Puxing Electronic Technology Co., Ltd.

Nanjing Guosheng Electronics Co., Ltd.

Shanghai Xinao Technology Co., Ltd.

Zhejiang Jinruihong Technology Co., Ltd.

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