

# Silicon Germanium Materials Market - Global Outlook and Forecast 2022-2028

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## Abstracts

Silicon-germanium is an important material that is used for the fabrication of SiGe heterojunction bipolar transistors and strained Si metal-oxide-semiconductor transistors for advanced complementary metal-oxide-semiconductor and BiCMOS technologies.

This report contains market size and forecasts of Silicon Germanium Materials in global, including the following market information:

Global Silicon Germanium Materials Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Silicon Germanium Materials Market Sales, 2017-2022, 2023-2028, (K MT)

Global top five Silicon Germanium Materials companies in 2021 (%)

The global Silicon Germanium Materials 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.

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

The global key manufacturers of Silicon Germanium Materials include IBM, Infineon Technologies, NXP Semiconductors, Texas Instruments, MACOM, IQE, TSMC, Hitachi and Toshiba and etc. In 2021, the global top five players have a share approximately %

in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Silicon Germanium Materials 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 Silicon Germanium Materials Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K MT)

Global Silicon Germanium Materials Market Segment Percentages, by Type, 2021 (%)

Source Materials

Substrate Materials

Epitaxial Wafers

Global Silicon Germanium Materials Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K MT)

Global Silicon Germanium Materials Market Segment Percentages, by Application, 2021 (%)

Telecommunication

Consumer Electronics

Automotive

Others

Global Silicon Germanium Materials Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (K MT)

## Global Silicon Germanium Materials 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 Silicon Germanium Materials revenues in global market, 2017-2022  
(Estimated), (\$ millions)

Key companies Silicon Germanium Materials revenues share in global market, 2021  
(%)

Key companies Silicon Germanium Materials sales in global market, 2017-2022  
(Estimated), (K MT)

Key companies Silicon Germanium Materials sales share in global market, 2021 (%)

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

IBM

Infineon Technologies

NXP Semiconductors

Texas Instruments

MACOM

IQE

TSMC

Hitachi

Toshiba

Aixtron

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