

Semiconductor Front End Module Market Report: Trends, Forecast and Competitive Analysis

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Abstracts

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The future of materials in the global semiconductor front end module market looks promising with opportunities in the consumer electronics, automotive, wireless communication, and other industries. The use of materials in the semiconductor front end module market is expected to grow with a CAGR of 6% to 8% from 2022 to 2027. The major drivers for this market are growing demand for semiconductor front end modules in consumer electronics and automotive industries, 5G rollout, and increasing adoption of connected devices, such as smart thermostats, wearables, internet of things (IoT) devices, and smart lighting.

Sumitomo Electric Industries, Mitsubishi Chemicals, Kyocera, GaN Systems, Sciocs, Toshiba, Shin-Etsu Chemical Co., Ltd., and Soitec are among the major manufactures of material for semiconductor front end module.

A more than 150 page report has been developed to help in your business decisions. Sample figures with some insights are shown below. To learn the scope of, benefits, companies researched and other details of materials in the semiconductor front end module market report, download the report brochure.

The study includes trends and forecast for materials in the global semiconductor front end module market by material, component, end use industry, connectivity, and region as follows:

By Material [\$M shipment analysis for 2016 – 2027]:

Silicon

Gallium Arsenide

Indium Phosphide

Nitride

Silicon-Germanium

By Component [\$M shipment analysis for 2016 – 2027]:

Filters

Switches

Power Amplifiers

Others

By End Use Industry [\$M shipment analysis for 2016 – 2027]:

Consumer Electronics

Automotive

Wireless Communication

Others

By Connectivity [\$M shipment analysis for 2016 – 2027]:

Wire

Wireless

By Region [\$M shipment analysis for 2016 – 2027]:

North America

United States

Canada

Mexico

Europe

Germany

United Kingdom

France

Italy

Asia Pacific

China

Japan

India

South Korea

The Rest of the World

In this market, different types of material, such as silicon, gallium arsenide, indium phosphide, nitride, and silicon-germanium, are used in manufacturing various semiconductor front end modules, such as filters, switches, power amplifiers, and others. Filter is expected to remain the largest component segment due to growth in wireless connective devices.

Asia Pacific is expected to grow with the highest CAGR in the forecast period due to growth in various end use industries, such as tablets and smart phones, and the existence of large players in the region.

Features of Materials for Semiconductor Front End Module Market

Market Size Estimates: Materials for semiconductor front end module market size estimation in terms of value (\$M)

Trend And Forecast Analysis:Market trends (2016-2021) and forecast (2022-2027) by various segments and regions.

Segmentation Analysis:Market size by material, component, end use industry, and connectivity.

Regional Analysis:Materials for semiconductor front end module market breakdown by North America, Europe, Asia Pacific, and the Rest of the World.

Growth Opportunities:Analysis of growth opportunities in different materials, components, end use industries, connectivity, and regions for materials in the semiconductor front end module market.

Strategic Analysis:This includes M&A, new product development, and competitive landscape for materials in the semiconductor front end module market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

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