

Semiconductor Assembly Equipment Market to Reach \$8,162.3 Mn by 2030 | Players AlsilMaterial, Applied Materials, ASML

Semiconductor Assembly Equipment Market Worldwide Industry Analysis to 2030

WILMINGTON, DELAWARE, UNITED STATES, July 17, 2024 /EINPresswire.com/ -- A report by Allied Market Research indicates that the global <u>semiconductor assembly equipment market</u> is anticipated to garner \$8,162.3 million with an 8.4% CAGR by 2030. The market generated \$3,599.8 million in 2020. The report provides a comprehensive analysis of the market, including revenue forecasts, key segments, drivers, challenges, and opportunities. It also examines the competitive landscape and offers regional insights. This valuable resource aids industry leaders, VPs, stakeholders, newcomers, and investors in formulating strategies to establish a strong market presence and reach their business objectives.

The report also explains the prime determinants influencing the growth of the market. These factors involve drivers, restraints, and opportunities. The industry is gaining prominence due to an expansion of the semiconductor industry, the surge in demand for hybrid circuits from diverse industries, and increased demand for electronic products. However, volatile raw material prices hamper the industry's expansion. Nevertheless, the rising use of LED circuits is expected to open new avenues for the market in the future.

Advancements in the automotive industry

The automotive industry's shift toward electric vehicles (EVs), autonomous vehicles (AVs), and advanced driver-assistance systems (ADAS) requires a higher semiconductor content in vehicles, driving up the need for assembly process equipment.

Huge response from consumer electronics

The rising popularity of smartphones, laptops, tablets, and other consumer electronics is driving the increased demand for semiconductor assembly equipment to meet production needs.

A wave of miniaturization

As electronic devices become compact and smaller, there is a growing need for advanced assembly process equipment to handle miniature components with high accuracy and precision.

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Competitive landscape for assessment of top players

This detailed report offers an in-depth analysis of the leading companies in the semiconductor assembly equipment market, highlighting the key strategies and actions they use to stay competitive. These strategies include mergers and acquisitions, product launches, partnerships, joint ventures, and more. The report also features company profiles, product portfolios, business performance, operating segments, and company snapshots. The top entities covered in the report are:

Key companies profiled in the semiconductor assembly equipment market report include AlsilMaterial, Applied Materials Inc., ASML Holdings N.V., Intel Corporation, Micron Technology Inc., Qualcomm Technologies, Inc., Samsung Group, Screen Holdings Co., Ltd., Teradyne Inc., Tokyo Electron Limited.

Regional analysis

AMR's reports focus on analyzing the market's performance across various global regions. This section of the report emphasizes the political and administrative actions, socioeconomic conditions, cultural norms and values, and demographic changes that are shaping the industry's growth. The report covers North America, LAMEA, Europe, and Asia-Pacific regions in the regional analysis. As per the study, the Asia-Pacific region gained the largest share in 2020 and is projected to witness the fastest growth throughout the forecast timeframe. The significant presence of IC makers in the region is anticipated to fuel the demand for semiconductor assembly equipment in the Asia-Pacific.

In summary, the AMR report deeply covers various aspects of the semiconductor assembly equipment industry, including segmental and regional analysis, key growth drivers, investment opportunities, emerging trends, the financial performance of industry leaders, and competitive dynamics illustrated through tools like Porter's five forces.

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