

Market Analysis: Automotive Electronics Market, Outdoor Advertising Market, Semiconductor Processing Market till 2030

*Market Analysis: Automotive Electronics Market,
Outdoor Advertising Machine Market,
Semiconductor Processing Equipment Market forecasted for 2023-2030*

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The Automotive Electronics Market is expected to grow from USD 2.90 Billion in 2022 to USD 4.10 Billion by 2030, at a CAGR of 4.30% during the forecast period. The Automotive Electronics target market has experienced significant growth in recent years. A rising demand for advanced safety features, the increasing popularity of electric vehicles, and the need for improved fuel efficiency are some of the major factors driving revenue growth in this market. The latest trends followed by the Automotive Electronics market include the development of autonomous driving technologies, the rise of connected cars, and the growing adoption of hybrid and electric vehicles. These trends have spurred the development of new electronic components and systems, such as advanced driver assistance systems (ADAS), infotainment systems, and powertrain electronics.

The types are as follows:

- Automotive electronics are electronic systems installed in vehicles to enhance their functionality and performance. Several types of automotive electronics are integral to the modern vehicle such as:
- Advanced Driver Assistance Systems (ADAS) is one of the most important types of vehicle electronics. ADAS features like lane departure warning system, adaptive cruise control, parking assist, and automatic brakes provide additional safety and security to drivers.
- Body electronics provide additional comfort and convenience to drivers with features like power windows, power mirrors, power locks, and climate control. Entertainment systems, including audio, video, and navigation, keep passengers entertained during long drives.
- Powertrain electronics monitor and optimize engine performance, fuel efficiency, and emissions. Safety systems, such as airbags, seatbelts, and anti-lock brakes, play a vital role in ensuring driver and passenger safety.

Automotive electronics is widely used in commercial vehicles and passenger vehicles. In

commercial vehicles, electronic systems such as onboard diagnostics, fuel injection systems, and safety features are used to ensure safer and more efficient transportation. In passenger vehicles, automotive electronics are used for navigation, entertainment, and safety systems such as airbags, anti-lock braking systems, and backup cameras. Additionally, the use of sensors and advanced driver assistance systems in vehicles is increasing, which improves the driving experience and reduces accidents.

The Asia-Pacific region is expected to dominate the Automotive Electronics market, with a market share of around 40% valuation. Europe and North America are expected to follow, with market shares of approximately 30% and 25%, respectively. Other regions, including Latin America and the Middle East & Africa, are expected to hold smaller market shares, each accounting for less than 5% of the total market valuation. However, these regions are expected to experience significant growth in the Automotive Electronics market in the coming years, driven by increasing demand for sophisticated automotive safety systems and growing investments in infrastructure and manufacturing facilities for automotive electronics.

The major players in the market are OMRON Corporation, Robert Bosch, Infineon, HGM Automotive Electronics, Hitachi, Delta Electronics, Atotech Deutschland, and ZF TRW. OMRON Corporation is a leading player in the automotive electronics market with a strong presence in safety and security systems. Robert Bosch is another major player in the market with a vast product portfolio that includes powertrain systems, infotainment systems, and safety systems.

In terms of sales revenue figures, Robert Bosch reported a revenue of €73.1 billion in 2020. Hitachi reported a revenue of ¥7.9 trillion in the fiscal year 2020. Infineon reported a revenue of €8.5 billion in 2020.

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The Outdoor Advertising Machine Market is expected to grow from USD 1.90 Billion in 2022 to USD 4.90 Billion by 2030, at a CAGR of 12.70% during the forecast period. The target market for Outdoor Advertising Machines includes various businesses and organizations that aim to reach a large audience through outdoor advertising. These machines are commonly used in urban areas and transportation hubs, such as airports and bus stops, as well as in commercial and residential areas. The demand for outdoor advertising machines is driven by the increasing need for organizations to promote their products and services to a wider audience. One of the major factors driving revenue growth in the Outdoor Advertising Machine market is the rise of digital advertising. Outdoor advertising machines can now display dynamic and interactive content, making them more effective in capturing the attention of a target audience. Additionally, advances in technology have made outdoor advertising machines more cost-effective and easier to maintain.

North America and Europe are expected to dominate the Outdoor Advertising Machine market

due to the high disposable income of the people in these regions, as well as the increasing popularity of digital advertising. The market share percentage valuation for North America and Europe is expected to be around 35-40% each. The Asia Pacific region is also expected to witness significant growth in the Outdoor Advertising Machine market due to the rising awareness and adoption of digital advertising technology. The market share percentage valuation for the Asia Pacific region is expected to be around 25-30%. Other regions such as Latin America, Middle East, and Africa are also expected to show moderate growth in the Outdoor Advertising Machine market, with a market share percentage valuation of around 5-10% each. However, this growth may be limited due to the lack of developed infrastructure and technology in these regions. Overall, the global market share percentage valuation for the Outdoor Advertising Machine market is expected to reach around 100% by the end of the forecast period.

The outdoor advertising machine market is highly competitive with several prominent players offering a range of products and services. Some of the leading companies include JCDecaux Group, Clear Channel Outdoor, Lamar Advertising, Stroer Media AG, Adams Outdoor Advertising, AdSpace Networks, AirMedia, APN Outdoor, and Burkhart Advertising.

In terms of revenue, JCDecaux Group generated €3.1 billion in 2020, while Clear Channel Outdoor generated \$2.3 billion in 2020. Lamar Advertising generated \$1.55 billion in 2020

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The Semiconductor Processing Equipment Market is expected to grow from USD 2.20 Billion in 2022 to USD 3.90 Billion by 2030, at a CAGR of 7.50% during the forecast period. One of the major factors driving the revenue growth of the Semiconductor Processing Equipment market is the increased demand for electronic devices. With the increasing number of electronic devices in use, the demand for semiconductors has also increased substantially leading to a surge in the demand for processing equipment. Further, the increasing need for advanced semiconductor manufacturing technology due to the growing demand for high-performance devices is expected to create significant growth opportunities for the Semiconductor Processing Equipment market. The latest trend followed by the Semiconductor Processing Equipment market is the adoption of AI in the manufacturing process. With advanced capabilities such as process monitoring and predictive maintenance, AI has enabled manufacturers to enhance the quality of their products and streamline the overall manufacturing process.

The Asia-Pacific region is expected to dominate the Semiconductor Processing Equipment market. The region's dominance can be attributed to the increasing demand for consumer electronics, the growth of the semiconductor industry, and government initiatives to support the industry's growth. The market share of the Asia-Pacific region is expected to be around 60%-65%. Other regions such as North America and Europe are expected to have relatively smaller market shares. The North American market is expected to have a market share of around 15%-20%, while Europe is expected to have a market share of around 10%-15%. Latin America and the

Middle East & Africa regions are also expected to witness significant growth in the Semiconductor Processing Equipment market, but their market shares are likely to be relatively smaller than other regions.

Tokyo Electron Limited is a leading player in the semiconductor processing equipment market. The company designs, develops, and manufactures semiconductor production equipment. LAM Research Corporation specializes in the development, design, and sale of innovative and technologically advanced products used in the fabrication of integrated circuits. ASML Holding NV develops and designs advanced lithography systems used for manufacturing of integrated circuits.

ASML Holding NV reported sales revenue of €14.5 billion, Tokyo Electron Limited reported sales revenue of ¥1.5 trillion, and Lam Research Corporation reported sales revenue of \$11.7 billion for the 2020 fiscal year.

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