

EUV Lithography Market - Forecasts from 2019 to 2024

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Abstracts

The global EUV lithography market is projected to grow at a CAGR of 35.38% to reach US\$13,333.191 million by 2024, from US\$2,165.510 million in 2018. EUV lithography is the advanced lithography technology which makes use of small wavelengths so as to create circuits to obtain higher resolution outputs. As per Moore's law, the transistor density doubles every 24 months with the semiconductor manufacturers focusing on continuously shrinking the size of integrated circuit components. The chip manufacturers have already reduced the feature sizes to as small as 42 nm using 193-nm lithographic systems, however, it was accommodated with complex manufacturing techniques and the rising cost of chips. The ability of the EUV lithography to further allow the shrinkage at a relatively reduced cost has led to its gaining popularity. Simultaneously, rising expenditure on research and development activities so as to develop advanced circuits using EUV lithography technology will drive the demand for this market. However, the high cost of these devices will hinder the growing demand for these systems over the forecast period.

DRIVERS

Growing wafer manufacturing.

Ability to further reduce the chip size.

RESTRAINTS

High set up cost

Major industry players profiled as part of the report are ASML, Zeiss International, and SUSS MicroTec SE among others.

Segmentation

The global EUV lithography market has been analyzed through the following segments:

By End-User

Integrated Device Manufacturer

Foundry

By Geography

Americas

USA

Canada

Brazil

Others

Europe Middle East and Africa

United Kingdom

Germany

France

Israel

Others

Asia Pacific

Japan

China

Taiwan

South Korea

Others

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