

# Semiconductor Foundry Market: Market Size, Trends and Growth Analysis

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## Abstracts

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### Global Semiconductor Foundry Market Trends and Forecast

The future of the global semiconductor foundry market looks promising with opportunities in the automotive, communication, aerospace, industrial, and consumer electronics application segments. The global semiconductor foundry market is expected to reach an estimated \$61.3 billion by 2028 with a CAGR of 6.7% from 2023 to 2028. The major growth drivers for this market are rising demand for internet circuits to be used in various applications, such as consumer electronics, smart home appliances, automotive, and military equipment along with increasing penetration of Internet of Things (IoT)-enabled devices globally.

A more than 150-page report is developed to help in your business decisions. Sample figures with some insights are shown below. To learn the scope, benefits, companies researched, and other details of the global semiconductor foundry market report, please download the report brochure.

### Global Semiconductor Foundry Market by Segment

The study includes a forecast for the global semiconductor foundry market by technology, foundry type, application, and region as follows:

Global Semiconductor Foundry Market by Technology [Value (\$M) Shipment Analysis from 2017 to 2028]:

10/7/5nm

16/14nm

20nm

45/40nm

Others

Global Semiconductor Foundry Market by Foundry Type [Value (\$M) Shipment Analysis from 2017 to 2028]:

Pure Play Foundry

IDMs

Global Semiconductor Foundry Market by Application [Value (\$M) Shipment Analysis from 2017 to 2028]:

Automotive

Communication

Aerospace

Industrial

Consumer Electronics

Others

Global Semiconductor Foundry Market by Region [Value (\$M) Shipment Analysis from 2017 to 2028]:

North America

Europe

Asia Pacific

The Rest of the World

## List of Global Semiconductor Foundry Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies of the global semiconductor foundry companies cater to increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the global semiconductor foundry companies profiled in this report includes.

Taiwan Semiconductor Manufacturing

Global Foundries

United Microelectronics Corporation (UMC)

Semiconductor Manufacturing International Corporation (SMIC)

Samsung Group

Dongbu HiTek

Fujitsu Semiconductor

Hua Hong Semiconductor

STMicroelectronics

TowerJazz

## Global Semiconductor Foundry Market Insight

In this market, 10/7/5nm will remain the largest technology segment over the forecast period due to increasing demand for ICs in cars, consumer electronics, medical devices, military equipment, and smart home appliances.

Automotive is projected to witness the highest growth from 2023 to 2028 due to growing demand for safer personal transportation system and increase in sale of electric and autonomous vehicles.

Asia Pacific region is expected to witness the highest growth during the forecast period due to increasing automotive and consumer industry and rising government investment in smart cities.

## Features of Global Semiconductor Foundry Market

**Market Size Estimates:** Global semiconductor foundry market size estimation in terms of value (\$M)

**Trend and Forecast Analysis:**Market trends (2017-2022) and forecast (2023-2028) by various segments and regions.

**Segmentation Analysis:** Global semiconductor foundry market size by technology, foundry type, and application

**Regional Analysis:** Global semiconductor foundry market breakdown by North America, Europe, Asia Pacific, and the Rest of the World.

**Growth Opportunities:**Analysis of growth opportunities in different technology, foundry type, application, and regions for global semiconductor foundry market.

**Strategic Analysis:**This includes M&A, new product development, and competitive landscape for global semiconductor foundry market.

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

## FAQ

Q1. What is the global semiconductor foundry market size?

Answer: The global semiconductor foundry market is expected to reach an estimated \$61.3 billion by 2028.

Q2. What is the growth forecast for the global semiconductor foundry market?

Answer: The global semiconductor foundry market is expected to grow with a CAGR of 6.7% from 2023 to 2028.

Q3. What are the major drivers influencing the growth of the global semiconductor foundry market?

Answer: The major drivers for this market are rising demand for internet circuits to be used in various applications, such as consumer electronics, smart home appliances, automotive, and military equipment along with increasing penetration of Internet of Things (IoT)-enabled devices globally.

Q4. What are the major segments for the global semiconductor foundry market?

Answer: The future of the global semiconductor foundry market looks promising with opportunities in the automotive, communication, aerospace, industrial, and consumer electronics application segments.

Q5. Who are the key semiconductor foundry companies?

Answer: Some of the key semiconductor foundry companies are as follows:

Taiwan Semiconductor Manufacturing Company (TSMC)

Global Foundries

United Microelectronics Corporation (UMC)

Semiconductor Manufacturing International Corporation (SMIC)

Samsung Group

Dongbu HiTek

Fujitsu Semiconductor

Hua Hong Semiconductor

STMicroelectronics

TowerJazz

Q6. Which semiconductor foundry segment will be the largest in the future?

Answer: Within the semiconductor foundry market, 10/7/5nm will remain the largest technology segment over the forecast period due to growing demand for ICs in automobiles, consumer electronics, medical devices, military equipment, and smart home appliances.

Q7. In the global semiconductor foundry market, which region is expected to be the largest in the next five years?

Answer: Asia Pacific region is expected to witness the highest growth during the forecast period due to increasing automotive and consumer industry and rising government investment in smart cities.

Q8. Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% Customization Without any Additional Cost.

This report answers following 11 key questions

Q.1 What are some of the most promising, high-growth opportunities for the global semiconductor foundry market by technology (10/7/5nm, 16/14nm, 20nm, 45/40nm, and others), foundry type (pure play foundry and IDMs), application (automotive, communication, aerospace, industrial, consumer electronics, and others), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q. 2 Which segments will grow at a faster pace and why?

Q.3 Which regions will grow at a faster pace and why?

Q.4 What are the key factors affecting market dynamics? What are the drivers and

challenges of the market?

Q.5 What are the business risks and threats to the market?

Q.6 What are the emerging trends in this market and the reasons behind them?

Q.7 What are the changing demands of customers in the market?

Q.8 What are the new developments in the market? Which companies are leading these developments?

Q.9 Who are the major players in this market? What strategic initiatives are being implemented by key players for business growth?

Q.10 What are some of the competitive products and processes in this area and how big of a threat do they pose for loss of market share via material or product substitution?

Q.11 What M & A activities have taken place in the last 5 years in this market?

For any questions related to semiconductor foundry market or related to semiconductor foundry companies, semiconductor foundry market size, semiconductor foundry market share, semiconductor foundry analysis, write Lucintel analyst at email: [helpdesk@lucintel.com](mailto:helpdesk@lucintel.com) we will be glad to get back to you soon.

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7.7: Fujitsu Semiconductor

7.8: Hua Hong Semiconductor

7.9: STMicroelectronics

7.10: TowerJazz

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