

# Global Semiconductor Foundry Market 2024 by Company, Regions, Type and Application, Forecast to 2030

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# **Abstracts**

According to our (Global Info Research) latest study, the global Semiconductor Foundry market size was valued at USD 116700 million in 2023 and is forecast to a readjusted size of USD 195960 million by 2030 with a CAGR of 7.7% during review period.

Foundry, a business model of the semiconductor industry, specializes in semiconductor wafer manufacturing, and is commissioned by other IC design companies instead of their own designs.

The foundry mode is divided into Pure-play Foundry mode and IDM Foundry. The Pure-play Foundry doesn't do design. They mainly make products for fabless company. The business scope of IDM manufacturers covers various links such as IC design, IC manufacturing, packaging and testing, and even extends to downstream electronic terminals.

The global top five semiconductor foundry players include TSMC, Samsung Foundry, UMC, GlobalFoundries, and SMIC, accounting for more than 80% of the market share. The largest player is TSMC, with a market share of more than 50%. North America is the global most important semiconductor foundry consumer market, with a market share of more than 50%. In terms of type, the pure-play foundry model has a market share of over 80%. In the application field, the market share of mobile phones has reached more than 40%.

The Global Info Research report includes an overview of the development of the Semiconductor Foundry industry chain, the market status of Smartphones (Pure-play Foundry, IDM Foundry), High Performance Computing (HPC) (Pure-play Foundry, IDM



Foundry), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Semiconductor Foundry.

Regionally, the report analyzes the Semiconductor Foundry markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Semiconductor Foundry market, with robust domestic demand, supportive policies, and a strong manufacturing base.

# Key Features:

The report presents comprehensive understanding of the Semiconductor Foundry market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Semiconductor Foundry industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the revenue generated, and market share of different by Type (e.g., Pure-play Foundry, IDM Foundry).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Semiconductor Foundry market.

Regional Analysis: The report involves examining the Semiconductor Foundry market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Semiconductor Foundry market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Semiconductor Foundry:



Company Analysis: Report covers individual Semiconductor Foundry players, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Semiconductor Foundry This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Smartphones, High Performance Computing (HPC)).

Technology Analysis: Report covers specific technologies relevant to Semiconductor Foundry. It assesses the current state, advancements, and potential future developments in Semiconductor Foundry areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Semiconductor Foundry market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Semiconductor Foundry market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of value.

Market segment by Type

Pure-play Foundry

**IDM Foundry** 

Market segment by Application

Smartphones



	High Performance Computing (HPC)
	Internet of Things (IoT)
	Automotive
	Digital Consumer Electronics (DCE)
	Other
Market	segment by players, this report covers
	TSMC
	Samsung Foundry
	UMC
	GlobalFoundries
	SMIC
	PSMC
	Hua Hong Semiconductor
	VIS
	Tower Semiconductor
	HLMC
	Dongbu HiTek
	WIN Semiconductors
	X-FAB Silicon Foundries



# SkyWater Technology

Market segment by regions, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, UK, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Australia and Rest of Asia-Pacific)

South America (Brazil, Argentina and Rest of South America)

Middle East & Africa (Turkey, Saudi Arabia, UAE, Rest of Middle East & Africa)

The content of the study subjects, includes a total of 13 chapters:

Chapter 1, to describe Semiconductor Foundry product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of Semiconductor Foundry, with revenue, gross margin and global market share of Semiconductor Foundry from 2019 to 2024.

Chapter 3, the Semiconductor Foundry competitive situation, revenue and global market share of top players are analyzed emphatically by landscape contrast.

Chapter 4 and 5, to segment the market size by Type and application, with consumption value and growth rate by Type, application, from 2019 to 2030.

Chapter 6, 7, 8, 9, and 10, to break the market size data at the country level, with revenue and market share for key countries in the world, from 2019 to 2024.and Semiconductor Foundry market forecast, by regions, type and application, with consumption value, from 2025 to 2030.

Chapter 11, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.



Chapter 12, the key raw materials and key suppliers, and industry chain of Semiconductor Foundry.

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