

# Global Fabless IC Design Competitive Landscape Professional Research Report 2025

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## Abstracts

### Market Overview

According to DIResearch's in-depth investigation and research, the global Fabless IC Design market size will reach 318,208 Million USD in 2025 and is projected to reach 732,083 Million USD by 2032, with a CAGR of 12.64% (2025-2032). Notably, the China Fabless IC Design market has changed rapidly in the past few years. By 2025, China's market size is expected to be Million USD, representing approximately % of the global market share.

### Research Summary

Fabless IC design refers to a business model in the semiconductor industry where companies focus exclusively on the design and development of integrated circuits (ICs) without owning or operating manufacturing facilities. These companies create detailed blueprints for chips and rely on third-party semiconductor foundries to fabricate the physical ICs. The fabless model allows companies to concentrate on innovation, design, and market-specific customization while outsourcing production to specialized facilities that offer advanced manufacturing technologies. This approach is cost-effective and scalable, enabling fabless companies to quickly adapt to technological advancements and market demands. Fabless IC design has become a driving force in the semiconductor industry, contributing to the rapid evolution of electronics across sectors like consumer devices, automotive, and telecommunications.

The major global suppliers of Fabless IC Design include NVIDIA, Qualcomm, Broadcom, Advanced Micro Devices, Inc. (AMD), MediaTek, Marvell Technology Group, Novatek Microelectronics Corp., Tsinghua Unigroup, Realtek Semiconductor

Corporation, OmniVision Technology, Inc, Monolithic Power Systems, Inc. (MPS), Cirrus Logic, Inc., Socionext Inc., LX Semicon, HiSilicon Technologies, Synaptics, Allegro MicroSystems, Himax Technologies, Semtech, Global Unichip Corporation (GUC), Hygon Information Technology, GigaDevice, Silicon Motion, Ingenic Semiconductor, Raydium, Goodix Limited, Sitronix, Nordic Semiconductor, Silergy, Shanghai Fudan Microelectronics Group, Alchip Technologies, FocalTech, MegaChips Corporation, Elite Semiconductor Microelectronics Technology, SGMICRO, etc. The global players competition landscape in this report is divided into three tiers. The first tier comprises global leading enterprises that command a substantial market share, hold a dominant industry position, possess strong competitiveness and influence, and generate significant revenue. The second tier includes companies with a notable market presence and reputation; these firms actively follow industry leaders in product, service, or technological innovation and maintain a moderate revenue scale. The third tier consists of smaller companies with limited market share and lower brand recognition, primarily focused on local markets and generating comparatively lower revenue.

This report studies the market size, price trends and future development prospects of Fabless IC Design. Focus on analysing the market share, product portfolio, prices, sales, revenue and gross profit margin of global major suppliers, as well as the market status and trends of different product types and applications in the global Fabless IC Design market. The report data covers historical data from 2020 to 2024, based year in 2025 and forecast data from 2026 to 2032.

The regions and countries in the report include North America, Europe, China, APAC (excl. China), Latin America and Middle East and Africa, covering the Fabless IC Design market conditions and future development trends of key regions and countries, combined with industry-related policies and the latest technological developments, analyze the development characteristics of Fabless IC Design industries in various regions and countries, help companies understand the development characteristics of each region, help companies formulate business strategies, and achieve the ultimate goal of the company's global development strategy.

The data sources of this report mainly include the National Bureau of Statistics, customs databases, industry associations, corporate financial reports, third-party databases, etc. Among them, macroeconomic data mainly comes from the National Bureau of Statistics, International Economic Research Organization; industry statistical data mainly come from industry associations; company data mainly comes from interviews, public information collection, third-party reliable databases, and price data mainly comes from various markets monitoring database.

Global Key Suppliers of Fabless IC Design Include:

NVIDIA

Qualcomm

Broadcom

Advanced Micro Devices, Inc. (AMD)

MediaTek

Marvell Technology Group

Novatek Microelectronics Corp.

Tsinghua Unigroup

Realtek Semiconductor Corporation

OmniVision Technology, Inc

Monolithic Power Systems, Inc. (MPS)

Cirrus Logic, Inc.

Socionext Inc.

LX Semicon

HiSilicon Technologies

Synaptics

Allegro MicroSystems

Himax Technologies

Semtech

Global Unichip Corporation (GUC)

Hygon Information Technology

GigaDevice

Silicon Motion

Ingenic Semiconductor

Raydium

Goodix Limited

Sitronix

Nordic Semiconductor

Silergy

Shanghai Fudan Microelectronics Group

Alchip Technologies

FocalTech

MegaChips Corporation

Elite Semiconductor Microelectronics Technology

SGMICRO

Fabless IC Design Product Segment Include:

Analog ICs

Logic ICs

Microcontroller and Microprocessor ICs

Memory ICs

Fabless IC Design Product Application Include:

Mobile Devices

PCs

Automotive

Industrial & Medical

Servers

Network Infrastructure

Appliances/Consumer Goods

Others

## **Chapter Scope**

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