

Global Semiconductor Intellectual Property (IP) Market Size study, By Design IP (Processor IP, Interface IP, Memory IP, Other Ips), By IP Source (Royalty, Licensing), By IP Core (Soft IP, Hard IP), By Vertical (Consumer Electronics, Telecommunications & Data Center, Automotive, Industrial, Commercial, Other Verticals), and Regional Forecasts 2022-2028

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Abstracts

Global Semiconductor Intellectual Property (IP) Market is valued approximately USD XX billion in 2021 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2022-2028.

Semiconductor intellectual property (IP) is a reusable component of a cell, logic, or chip layout design. The semiconductor IP is developed as a basic unit for chip designs and sophisticated devices. SIPs are majorly used for processors, interconnects, peripherals, and memory drives. The growing demand for modern system-on-chip (SoC) designs, reducing prices associated with chip designing, increasing adoption of connected devices for daily use, developments in multicore technology, coupled with the growth of the healthcare and telecommunications industries are fostering the market demand across the globe. For instance, according to the India Brand Equity Foundation (IBEF), the healthcare industry in India is recorded with USD 61.79 billion (Rs. 4 trillion) in 2017 and is estimated to rise to USD 132.84 billion (Rs. 8.6 trillion) with a CAGR of 16–17%. Accordingly, the growth of the healthcare sector is propelling the demand for semiconductor intellectual property (IP), which, in turn, augments the market growth in the near future. However, constant technological variations and chances of IP thefts, counterfeits, and conflicts impede the growth of the market over the forecast period of 2022-2028. Also, growing demand for advanced semiconductor components and rising

application of semiconductor IP in automotive and telecommunications & data center verticals is anticipated to act as a catalyzing factor for the market demand during the forecast period.

The key regions considered for the global Semiconductor Intellectual Property (IP) market study include Asia Pacific, North America, Europe, Latin America, and the Rest of the World. North America is the leading region across the world in terms of market share owing to the rising government initiatives for the development of the semiconductor industry and presence of the well-established market players in the region. Whereas, Asia-Pacific is anticipated to exhibit the highest CAGR over the forecast period 2022-2028. Factors such as rising demand for smart wearables, laptops, and other electronic devices, as well as escalating population, would create lucrative growth prospects for the Semiconductor Intellectual Property (IP) market across the Asia-Pacific region.

Major market players included in this report are:

Arm Holdings Ltd
Synopsys Inc
Cadence Design Systems, Inc
Imagination Technologies Ltd
CEVA Inc
Lattice Semiconductor Corporation
Rambus Inc
Silicon Storage Technology, Inc
VeriSilicon Microelectronics Co., Ltd.
Achronix Semiconductor Corporation

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Design IP:

Processor IP

Interface IP

Memory IP

Other IPs

By IP Source:

Royalty

Licensing

By IP Core:

Soft IP

Hard IP

By Vertical:

Consumer Electronics

Telecommunications & Data Center

Automotive

Industrial

Commercial

Other Verticals

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019, 2020

Base year – 2021

Forecast period – 2022 to 2028

Target Audience of the Global Semiconductor Intellectual Property (IP) Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

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