

Global Silicon Intellectual Property (IP) Market: Size & Forecasts with Impact Analysis of COVID-19 (2021-2025)

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Abstracts

Scope of the Report

The report titled “Global Silicon Intellectual Property (IP) Market: Size & Forecasts with Impact Analysis of COVID-19 (2021-2025)”, provides an in depth analysis of the global silicon IP market by value, by IP components, by end user, by region, etc. The report provides a regional analysis of the silicon IP market, including the following regions: Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. The report also provides a detailed analysis of the COVID-19 impact on the silicon IP market.

The report also assesses the key opportunities in the market and outlines the factors that are and will be driving the growth of the industry. Growth of the overall global silicon IP market has also been forecasted for the period 2021-2025, taking into consideration the previous growth patterns, the growth drivers and the current and future trends.

The global silicon IP market is mildly concentrated with few globally established players operating worldwide. The key players of the silicon IP market are CEVA, Inc., Synopsys, Inc., eMemory Technology Inc., and Cadence Design Systems, Inc. are also profiled with their financial information and respective business strategies.

Country Coverage

Asia Pacific

North America

Europe

Latin America

Middle East & Africa

Company Coverage

CEVA, Inc.

Synopsys, Inc.

eMemory Technology Inc.

Cadence Design Systems, Inc.

Executive Summary

A silicon IP (Intellectual Property) is defined as a reusable unit of logic, cell, or chip layout design that can be reused by the creator party. Intellectual property in the silicon is normally developed with the idea of licensing to multiple vendor or single party alone for using as building blocks in different chip designs. Silicon IPs are generally licensed as either Soft IP cores or Hard IP cores.

The main criteria for silicon IP make-or-buy decisions include time to market; availability of skilled designers; development cost and commercial risk; technical risks; legal risks; benefits from property designs; product lifecycle management; sourcing risks; vendor support; and IP ecosystems.

The silicon IP market can be segmented on the basis of IP components (Processors IP, Wired Connectivity IP, and Other IP); revenue type (License, Royalty, and Services); and end user (Consumer Electronics, Telecom, Automotive, Healthcare, Agriculture, Aerospace, and Others).

The global silicon IP market has increased significantly during the years 2019-2020 and projections are made that the market would rise in the next four years i.e. 2021-2025

tremendously. The silicon IP market is expected to increase due to explosion in data growth, build-out of 5G wireless infrastructure, growing popularity of autonomous vehicles, rising demand for consumer electronics, growing adoption of connected devices, etc. Yet the market faces some challenges such as the US-China trade war risk, IP thefts, counterfeits, and conflicts, etc.

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