

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

July 2021



Global Silicon IP Market: Coverage

Executive Summary and Scope

Introduction/Market Overview

Global Market Analysis

Regional Market Analysis

Impact of COVID-19

Dynamics

Competitive Landscape

Company Profiling

Global Silicon IP Market: Coverage

Scope of the Report

Attributes	Details
Title	Global Silicon Intellectual Property (IP) Market: Size & Forecast with Impact Analysis of COVID-19 (2021-2025)
Coverage	Global and Regional
Regional Coverage	Asia Pacific, North America, Europe, Latin America, Middle East & Africa
Market Influencing Variables	Growth Drivers, Challenges, Market Trends
Forecast Period of Market	2021-2025
Competition in the Market	Mildly Concentrated
Key Players	CEVA, Inc., Synopsys, Inc., eMemory Technology Inc., Cadence Design Systems, Inc.

Global Silicon IP Market

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.

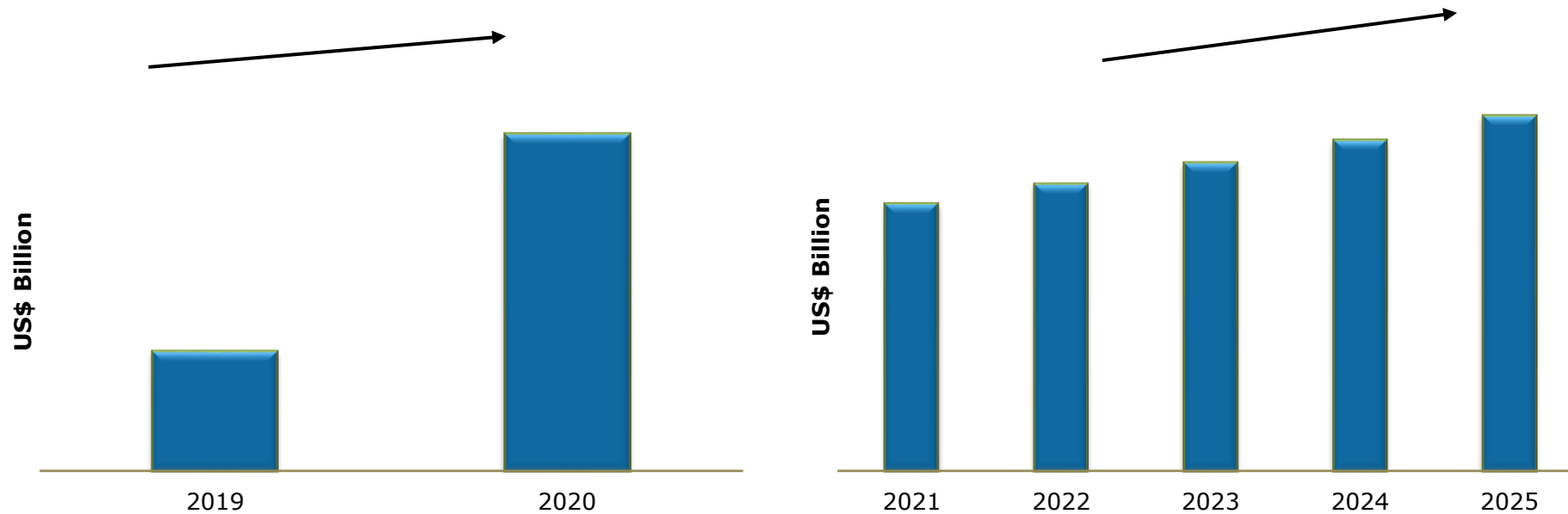
The main criteria for silicon IP make-or-buy decisions include time to market; availability of skilled designers; development cost and commercial risk; technical risks; legal risks; benefits from property designs; product lifecycle management; sourcing risks; vendor support; and IP ecosystems.

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.

Silicon IP Market: Global Analysis

Global Silicon IP Market by Value

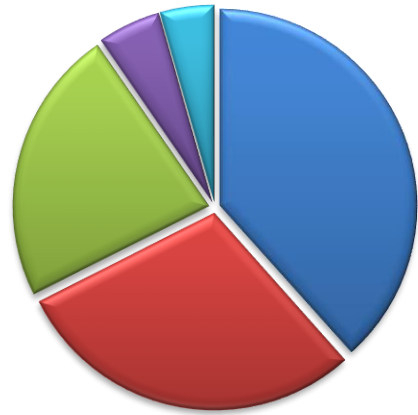


CAGR	
2021-2025	xx%

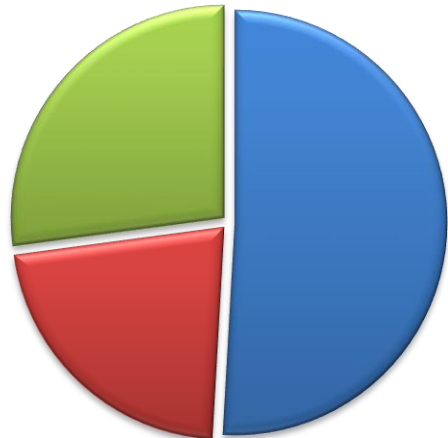
The global silicon IP market, valued at US\$... billion in 2020, increased as compared to US\$... billion in 2019. The global silicon IP market is anticipated to reach up to US\$... billion by 2025 from US\$... billion in 2021, increasing at a CAGR of ...% from 2021 to 2025..

Silicon IP Market: Global Analysis

Global Silicon IP Market by Region; 2020



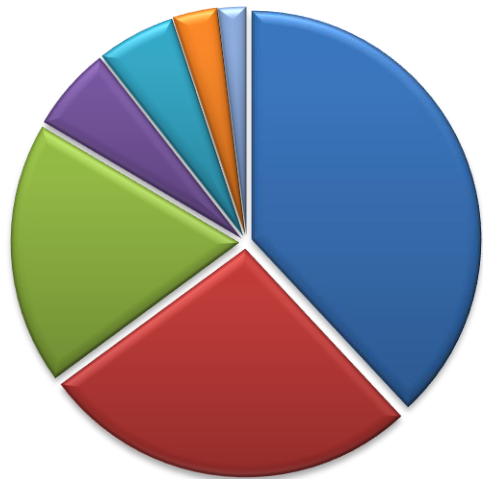
Global Silicon IP Market by IP Components; 2020



IP Components	Share
Processors IP	xx%
Wired Connectivity IP	xx%
Other IP	xx%

Silicon IP Market: Global Analysis

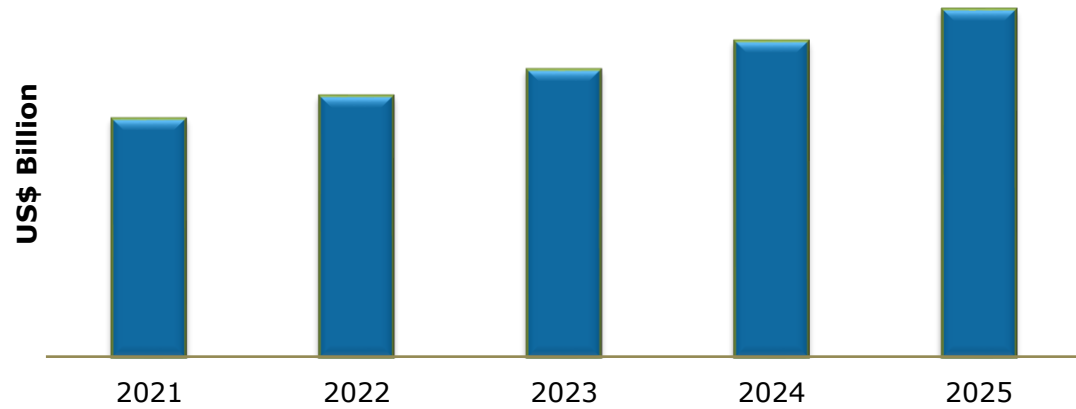
Global Silicon IP Market by End User; 2020



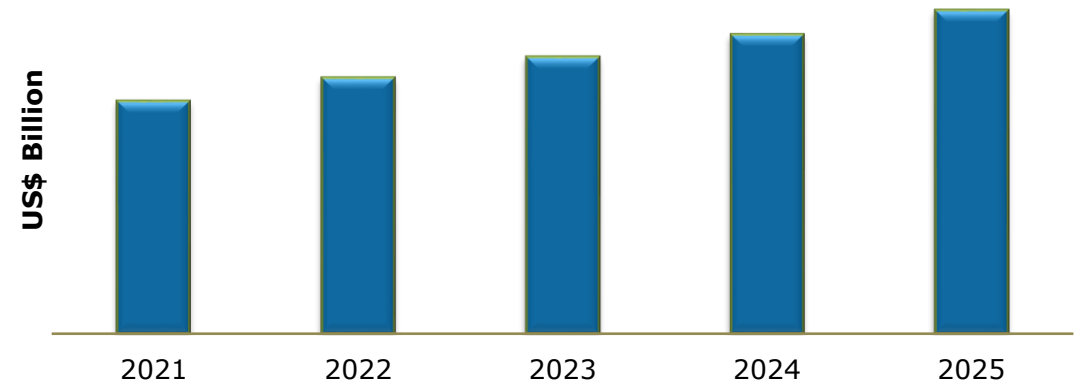
End User	Share
Consumer Electronics	xx%
Telecom	xx%
Automotive	xx%
Healthcare	xx%
Agriculture	xx%
Aerospace	xx%
Others	xx%

Silicon IP Market: IP Components Analysis

Global Wired Connectivity IP Market by Value



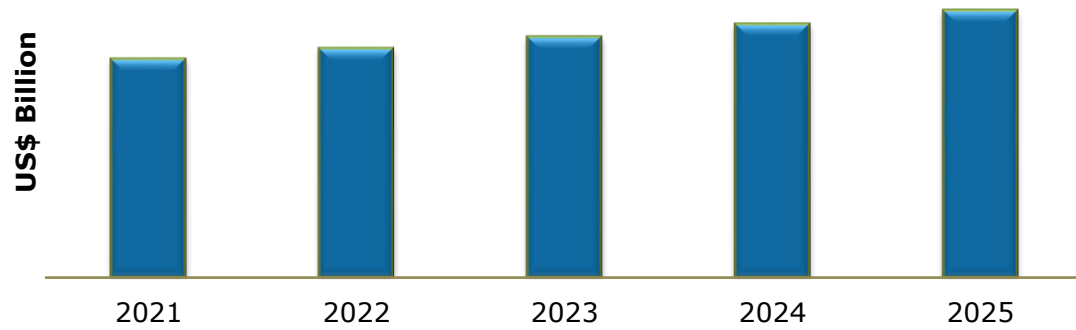
Global Processors IP Market by Value



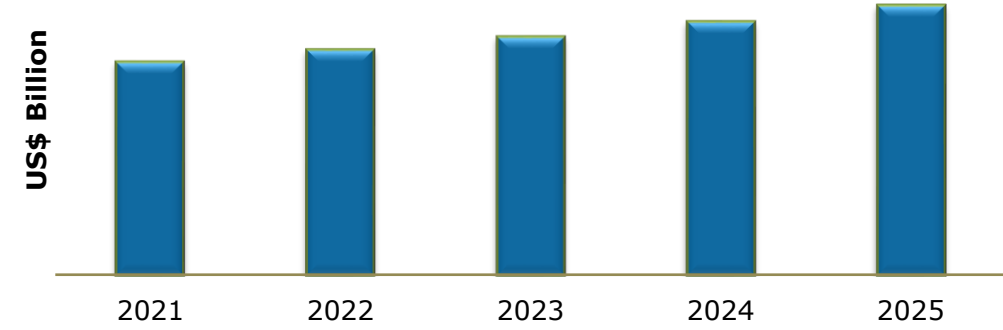
IP Components	CAGR
	2021-2025
Processors IP	xx%
Wired Connectivity IP	xx%
Other IP	xx%

Silicon IP Market: End User Analysis

Global Consumer Electronics Silicon IP Market by Value



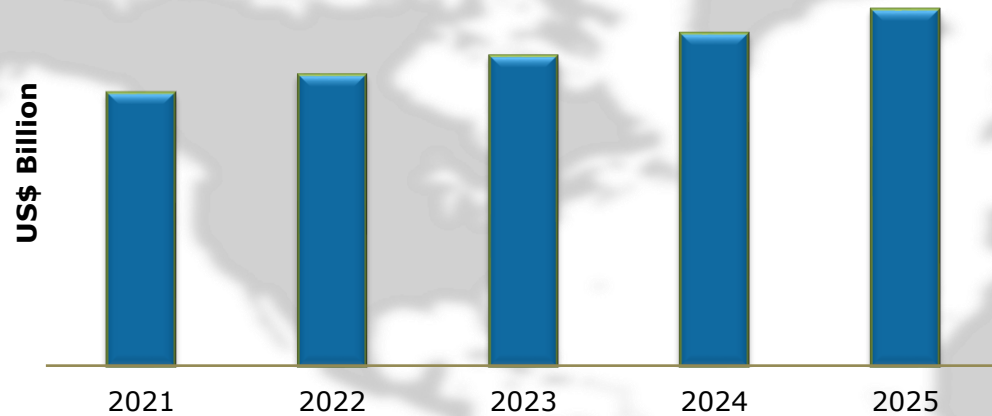
Global Telecom Silicon IP Market by Value



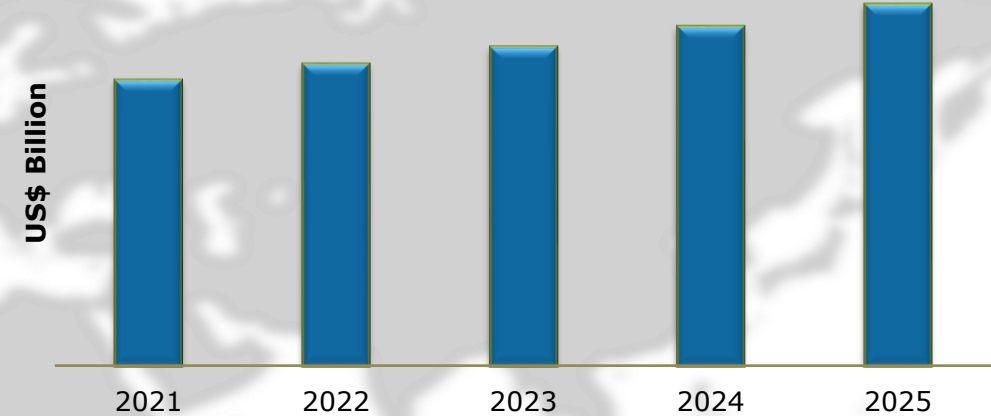
End User	CAGR
	2021-2025
Consumer Electronics	xx%
Telecom	xx%
Automotive	xx%
Healthcare	xx%
Agriculture	xx%
Aerospace	xx%
Others	xx%

Silicon IP Market: Regional Analysis

Asia Pacific Silicon IP Market by Value

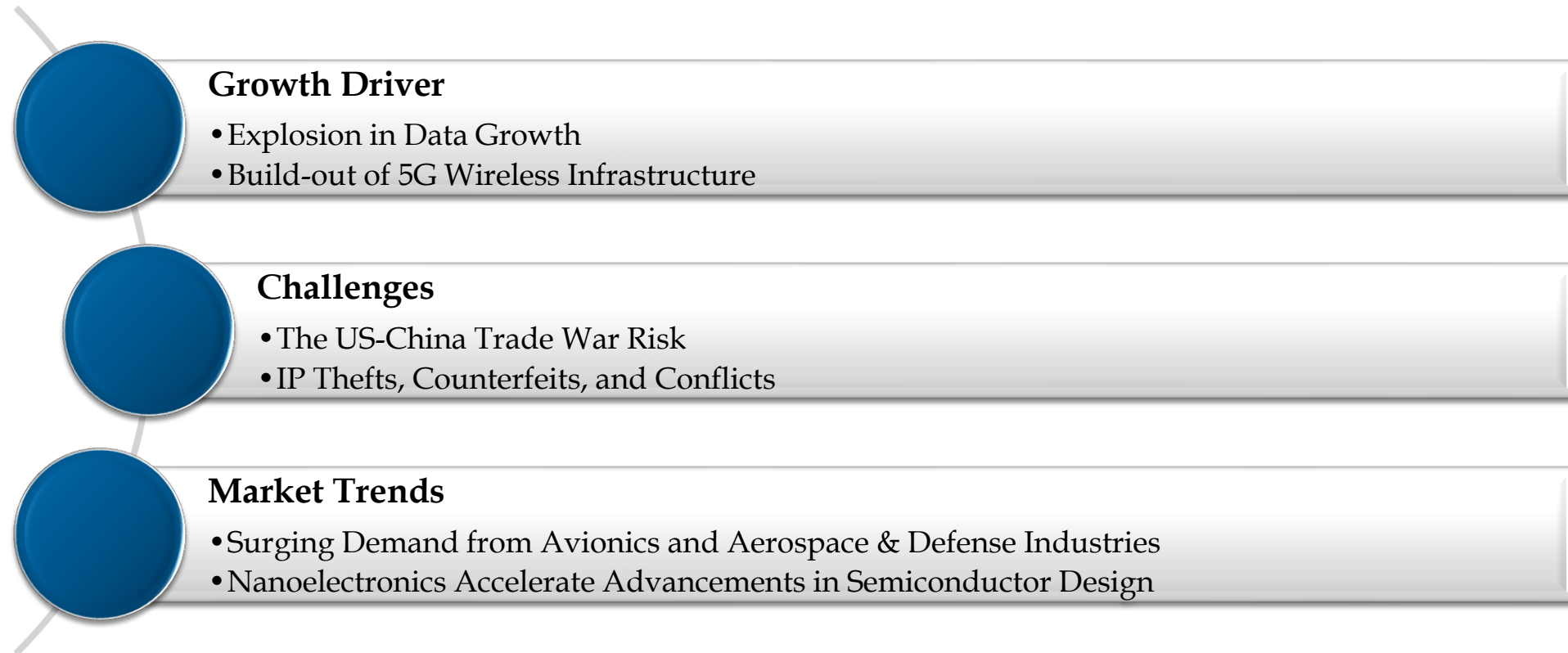


North America Silicon IP Market by Value





Region	CAGR
	2021-2025
Asia Pacific	xx%
Europe	xx%
North America	xx%
Latin America	xx%
Middle East & Africa	xx%

Silicon IP Market: Dynamics



Silicon IP Market: Competitive Landscape

Players Profiled

- CEVA, Inc. 
- Synopsys, Inc. 
- eMemory Technology Inc. 
- Cadence Design Systems, Inc. 

Note: The graphs on this slide are only for sample representation.