+44 20 8123 2220
info@marketpublishers.com

Semiconductor Intellectual Property (IP) Market by Design IP (Processor IP, Memory IP, Interface IP), IP Source (Royalty, Licensing), IP Core (Hard IP, Soft IP), Interface Type, End User, Vertical and Region - Global Forecast to 2029

https://marketpublishers.com/r/S317722ECF6EN.html
Date: February 2024
Pages: 251
Price: US$ 4,950.00 (Single User License)
ID: S317722ECF6EN

Abstracts

The semiconductor intellectual property (IP) market was valued at USD 7.5 billion in 2024 and is projected to reach USD 11.2 billion by 2029; it is expected to grow at a CAGR of 8.5% from 2024 to 2029. Expanding embedded digital signal processor (DSP) IP and programmable digital signal processor (DSP) IP segments and rising demand for advanced semiconductor components in automotive and telecommunications & data center verticals provide lucrative opportunities to the semiconductor intellectual property (IP) market.

“Interface IP segment to register highest growth rate during the forecast period.”

The interface IP segment is expected to record the highest CAGR during the forecast period. Interface protocols such as Ethernet, PCIe, and SerDes are highly demanded for hyperscalar, data-centric storage, data centers, wired and wireless networking, and emerging AI applications, all of which require higher bandwidth. Entertainment devices, security cameras, and smart home devices also process a large amount of media content and require efficient interface Ips to handle the increasing multimedia processing and connectivity needs. All these factors are expected to contribute to the growth of the interface IP segment during the forecast period.

“Telecommunication & data center vertical segment in Asia Pacific region is expected to register highest growth rate during the forecast period.”

+44 20 8123 2220
info@marketpublishers.com

The telecommunication & data center vertical in the Asia Pacific region is expected to grow with the highest growth rate during the forecast period attributed to the upcoming trends of 5G, IoT, and edge devices. 5G technology will unify mobile communication and connect individuals with devices through IoT. The long-term vision is that 5G technology will encourage product development, increase productivity, and allow new industries to emerge. These factors are expected to create new avenues for the growth of the semiconductor intellectual property (IP) market for the telecommunication & data center vertical in the Asia Pacific region.

“UK in Europe is expected to hold the second-largest market share during the forecast period.”

The UK holds the second position in the semiconductor intellectual property (IP) market in Europe and is expected to grow at the second-highest CAGR over the next few years. The strong presence of automotive and industrial manufacturing companies, such as Bentley Motors, Aston Martin, McLaren, Rolls-Royce, Jaguar Land Rover, and Johnson Matthey, is expected to support the growth of the semiconductor intellectual property (IP) market in the UK. The major market players in this region are Arm Limited (UK), Imagination Technologies (UK), and ALPHAWAVE SEMI (UK). Arm Limited (UK) alone holds about 40% of the global semiconductor intellectual property (IP) market.

Following is the breakup of the profiles of the primary participants for the report.

By Company Type: Tier 1 – 45 %, Tier 2 – 35%, and Tier 3 – 20%

By Designation: C-Level Executives –32%, Directors- 40%, and Others – 28%

By Region: North America– 37%, Europe- 15%, Asia Pacific – 40%, and RoW – 8%

The report profiles key semiconductor intellectual property (IP) market players and analyzes their market shares. Players profiled in this report are Arm Limited (UK), Synopsys, Inc. (US), Cadence Design Systems, Inc. (US), Imagination Technologies (UK), CEVA, Inc. (US), Lattice Semiconductor (US), Rambus (US), eMemory Technology Inc. (Taiwan), Silicon Storage Technology, Inc. (US), etc.

Research Coverage

+44 20 8123 2220
info@marketpublishers.com

The report defines, describes, and forecasts the semiconductor intellectual property (IP) market based on Design IP, IP Source, IP Core, End User, Interface Type, Vertical, and Region. It provides detailed information regarding drivers, restraints, opportunities, and challenges influencing the growth of the semiconductor intellectual property (IP) market. It also analyses competitive developments such as product launches, acquisitions, expansions, contracts, partnerships, and actions conducted by the key players to grow in the market.

Reasons to Buy This Report

The report will help the market leaders/new entrants with information on the closest approximations of the revenue numbers for the overall high-speed data converter and the subsegments. This report will help stakeholders understand the competitive landscape and gain more insights to position their businesses better and plan suitable go-to-market strategies. The report also helps stakeholders understand the market pulse and provides information on key market drivers, restraints, challenges, and opportunities.

The report provides insights on the following pointers:

Analysis of key drivers (Advancements in multicore technology for consumer electronics, increasing demand for modern System on Chip (SoC) designs, the decline in cost associated with chip designing, growing adoption of connected devices for daily use, and increasing demand for electronics in healthcare and telecommunications industries), restraints (Constant technological changes resulting in increased expenditure, and concerns related to Moore’s law), opportunities (Expanding embedded digital signal processor (DSP) IP and programmable digital signal processor (DSP) IP segments, and rising demand for advanced semiconductor components in automotive and telecommunications & data center verticals), and challenges (Increasing IP thefts and counterfeiting) influencing the growth of the semiconductor intellectual property (IP) market.

Product Development/Innovation: Detailed insights on upcoming technologies, research & development activities, and new product & service launches in the semiconductor intellectual property (IP) market

Market Development: Comprehensive information about lucrative markets – the report analyses the semiconductor intellectual property (IP) market across varied regions.

+44 20 8123 2220
info@marketpublishers.com

Market Diversification: Exhaustive information about new products & services, untapped geographies, recent developments, and investments in the semiconductor intellectual property (IP) market

Competitive Assessment: In-depth assessment of market shares, growth strategies, and service offerings of leading players like Arm Limited (UK), Synopsys, Inc. (US), Cadence Design Systems, Inc. (US), Imagination Technologies (UK), CEVA, Inc. (US), Lattice Semiconductor (US), Rambus (US), eMemory Technology Inc. (Taiwan), Silicon Storage Technology, Inc. (US), VeriSilicon (China), Achronix Semiconductor Corporation (US), ALPHAWAVE SEMI (UK), Analog Bits (US), ARTERIS, INC (US), Frontgrade Gaisler (Sweden), Dolphin Design (France, Dream Chip Technologies GmbH (Germany), Eureka Technology, Inc. (US), among others in the semiconductor intellectual property (IP) market strategies. The report also helps stakeholders understand the pulse of the semiconductor intellectual property (IP) market and provides them with information on key market drivers, restraints, challenges, and opportunities

+44 20 8123 2220
info@marketpublishers.com

Contents

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

12 SEMICONDUCTOR INTELLECTUAL PROPERTY (IP) MARKET, BY REGION

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

Details on Business Overview, Products/Solutions/Services Offered, Recent Developments, MnM view (Key strengths/Right to win, Strategic choices made, Weakness/competitive threats) might not be captured in case of unlisted companies.

+44 20 8123 2220
info@marketpublishers.com

15 APPENDIX

+44 20 8123 2220
info@marketpublishers.com

I would like to order

Product name: Semiconductor Intellectual Property (IP) Market by Design IP (Processor IP, Memory IP, Interface IP), IP Source (Royalty, Licensing), IP Core (Hard IP, Soft IP), Interface Type, End User, Vertical and Region - Global Forecast to 2029

Product link: https://marketpublishers.com/r/S317722ECF6EN.html

Price: US$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/S317722ECF6EN.html