

SILICON-IP, INC.

THE FIRST & ONLY INDEPENDENT OUTSOURCING FIRM FOR SILICON-IP

Introduction

Silicon-IP, Inc. is a new company - the first & only independent silicon IP procurement firm. Deliverables to silicon design teams include technical and quality due diligence & license negotiation of 3rd party IP.



As an outsourced service, we provide the unique capability to operate as an independent agent that aggregates 3rd party Silicon-IP requirements from many design teams. Silicon-IP, Inc. provides even the smallest and newest design teams with the same or better knowledge, insight, and implementation skills as enjoyed by the largest companies but without the expensive cost of a dedicated, full-time team of technical and business professionals. There is the added benefit that silicon design teams can then focus their core competencies on HW/SW integration and not the highly replicated, standard business procedure of IP procurement.

BUSINESS PROCESS

Five-step Due Diligence Procedure

Repeatable success is driven by following a structured due diligence procedure of comparative analysis. These unique procedures have been used to evaluate, compare and match SoC design requirements with the appropriate IP for a significant portion of fabless devices shipped during the last 10 years. A brief explanation of these procedures is included below. More detail and downloadable templates are available on the website for your convenience.

Five-step Due Diligence Procedure by Silicon-IP, Inc.

- 1) **IP Provider Evaluation:** Determine confidence level of employee skill set, implementation methodology, and financial stability
- 2) **Technical Analysis:** Factual and documented comparison of critical parameters customized to match the priority of Power, Performance, and Area (PPA) of each design
- 3) **Quality Audit & Foundry Metrics:** Design methodology audits coupled with foundry quality compliance levels
- 4) **Customer Reference & Foundry Statistics:** Peer review of each IP comparing how well pre-sales promises match post-sales experience including; IP integration in a SoC environment, IP provider support levels, and de-bug capability
- 5) **Commercial Trade-off Analysis:** Lowest cost does not mean best fit. Likewise neither does highest cost guarantee it. Silicon-IP will not beat



IP providers for the lowest price. A fair price is best for both parties. Your design team will need mind share & support from the IP provider during integration, post silicon characterization, & production ramp.

UNIQUE SKILL-SET BUILT TSMC IP ECO-SYSTEM

Honed by Over a Decade of Experience



Take advantage of the unique skills used to build the TSMC 3rd party library & IP eco-system from 1998 to 2009. The Founder and President at Silicon-IP, Inc., Kurt Wolf created and built the 3rd party IP business & technical program from inception while at TSMC. Currently, he is providing services to GLOBALFOUNDRIES for strategic development & implementation procedures of their 3rd party IP design enablement eco-system. During the last 13 years Kurt has developed and implemented many innovative commercial & quality driven business procedures. In addition, Kurt is widely recognized by GSA members as an expert in all aspects of 3rd party IP management.

Silicon-IP assembles a team of SoC designers, EDA and legal professionals that are experts in evaluating and implementing 3rd party IP in SoC chip designs. These hand-crafted teams are formed to satisfy the specific customer needs as presented to Silicon-IP, Inc.

BUSINESS MODEL

Honed by 1,000s of IP Developments & 100s of Silicon IP Agreements

Business engagement models match the different business needs that silicon design teams have at various stages of company growth or design cycle.

These models include:

a) Independent Review & Confirmation

Many times design teams just want an independent, expert opinion on the choices they already made. This is a monthly service.

b) Technical & Quality Due Diligence

When the IP or company in consideration is new, evolving, or first time under consideration. The service is based on your specific number of IPs.

c) License Negotiation

Any time the silicon design team does not have a full-time, dedicated negotiating expert in house. This service is based on your specific number of IP providers.



We request the opportunity to demonstrate exactly how cost effective it is to outsource this function to the experts at Silicon-IP, Inc.

Kurt A. Wolf
Founder
650 492-0925
kurt@silicon-ip.com
www.silicon-ip.com