

WIPRO'S DERIVATIVE SOC DESIGN OFFERINGS

Accelerating next-gen product development through innovation and differentiation

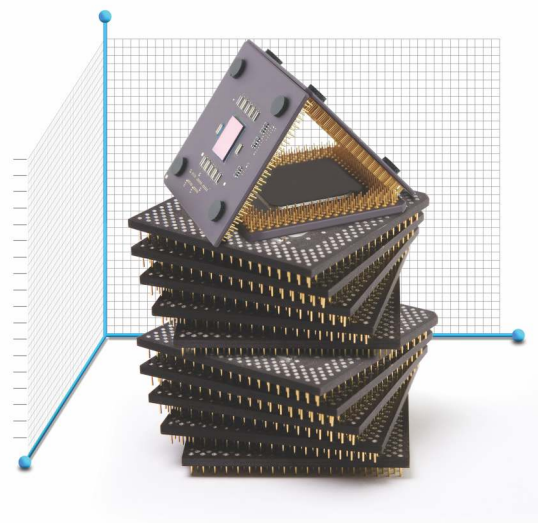
Semiconductor manufacturing companies are facing a number of significant challenges, and as market momentum shifts from the developed economies to the emerging markets, the demand for multiple derivative products and variants is increasing significantly. Semiconductor manufacturers require innovation, differentiation, and quick rollout at each product segment to capture these emerging opportunities. Derivatives are the quickest way to enable differentiation, and feature improvements. Along with the need for derivatives, the semiconductor manufacturer's core teams have to also focus on development of new generation platforms, which is the key to sustainable competitive advantage.

Wipro's Derivative Factory Model - Delivering the Best

Wipro with its derivative design solution delivers scalability and market expansion benefits to its clients, and enable them to add depth & breadth to their ASSP portfolio at a much lesser cost. We also provide value-added offerings including documentation services, reference designs and mechanicals for demos, pre-certification, etc. to enable customers to address the market better. Wipro can play the role of your 'derivative engineering partner' by setting up an extended engineering team that handles all derivative developments in a domain.

Key Features and Benefits

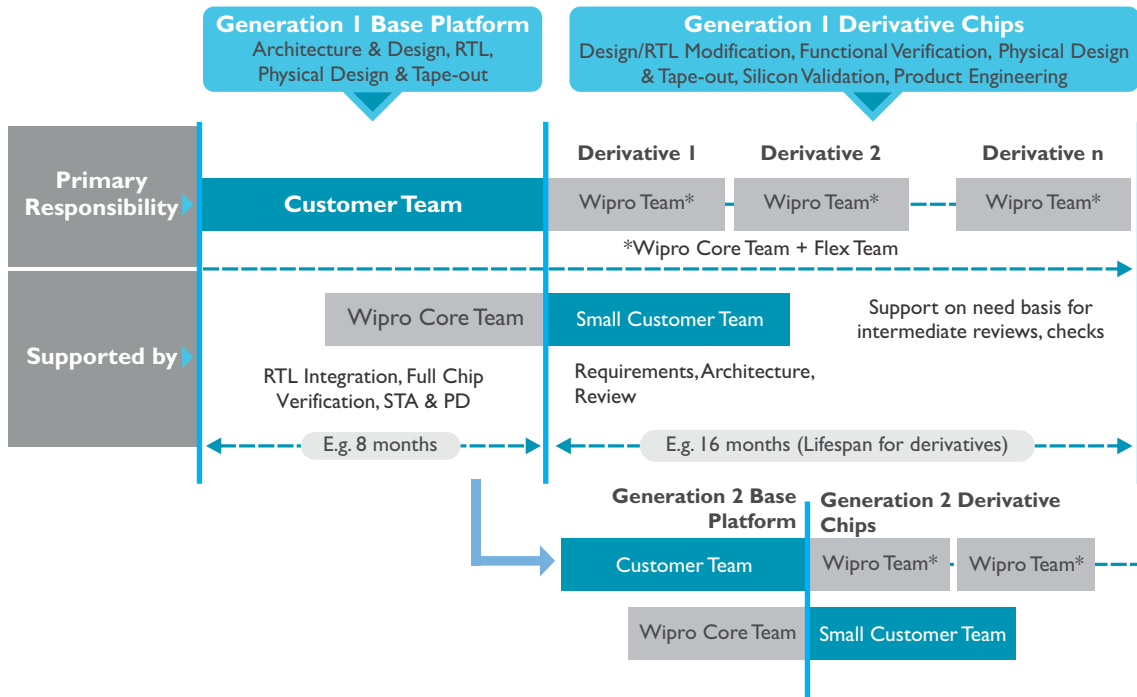
- Ability to implement customer-specific flows
- Design/verification methodology expertise
- Multi-fab & process expertise
- Scalable team to handle volatile market requirements
- Organizational processes to ensure quality, security and effective execution
- Knowledge management and retention
- Kaizen for productivity improvement guarantee



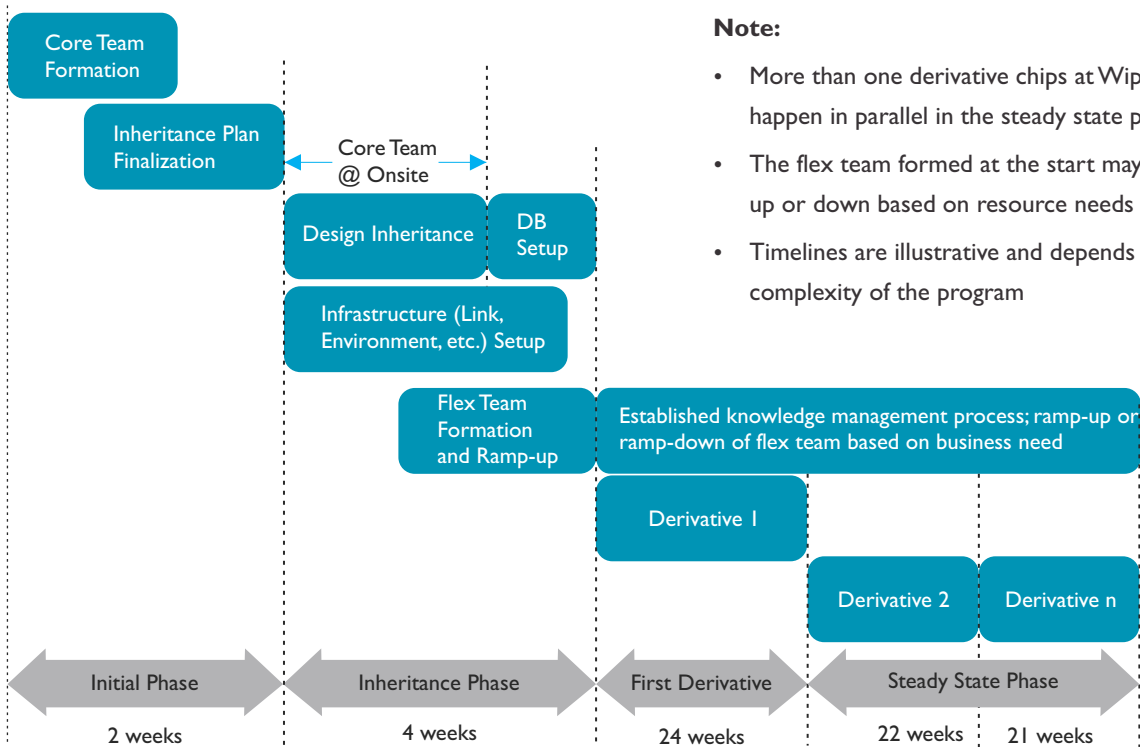
Why Wipro

- **Industry Pedigree:** The world's largest R&D Service provider, serving customers for more than 25 years
- **Process Driven Pedigree:** Constantly evolving engineering processes that ensure Design-Right-First-Time & Six Sigma quality
- **Proven Model:** Multiple customer ODCs to implement the derivative factory model; some ODCs have been running successfully for as long as 10 years
- **Scale:** A strong team of more than 1,000 ASIC developers
- **One-Stop Shop:** Engineering workforce that enables complete ownership
- **Domain/Functional Expertise:** Domain and technology expertise, front-end design/verification, layout, analog and RF design capability
- **EagleWision®:** Wipro's internal methodology for semiconductor design is deployed to augment customer flows and fill any gaps, leading to a high quality and first time right products

Derivative Factory - Engagement Model



Derivative Factory - Activities & Timelines



Note:

- More than one derivative chips at Wipro can happen in parallel in the steady state phase
- The flex team formed at the start may be ramped up or down based on resource needs
- Timelines are illustrative and depends on scope and complexity of the program

DO BUSINESS BETTER

NYSE:WIT | OVER 135,000 EMPLOYEES | 54 COUNTRIES

CONSULTING | SYSTEM INTEGRATION | OUTSOURCING

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