

INNOPHASE is a rapidly growing ultralow-power wireless semiconductor startup with headquarters located in San Diego, CA. We are developing complete wireless solutions with significantly differentiated power dissipation/performance tradeoffs. Our innovative technology also dramatically improves wireless product flexibility and ease-of-use for product developers. We are looking for driven candidates to join our fast-paced and motivated team.

Senior EDA/CAD Engineer: The Sr. EDA/CAD Engineer will be responsible for supporting and enhancing circuit design EDA tools and process design kits (PDKs) for Analog, RF, Mixed-Signal, and Digital design flows using Cadence, Mentor, and other tools. The candidate is expected to possess necessary programming skills and circuit design flow knowledge to allow him/her to support, develop, and enhance the EDA tools and the associated PDKs as well as develop new custom tools.

Key Responsibilities

- Develop new custom EDA tool enhancements using scripting
- Frontline support for design team for debugging and developing productivity enhancements
- Maintain, install, and upgrade existing CAD tools
- Configure and install foundry PDKs
- Proactively drive and resolve tool bugs
- Evaluate new EDA tools by interacting with EDA vendor FAEs
- Assist in tape out process including DRC, LVS, ERC verification flows
- Manage porting designs and IPs to different technology nodes
- Set up new design and verification tools and

Desirable Skills

- Expert in Cadence Virtuoso Design Framework (dfII), including flow automation with SKILL, various ADE tools and PDKs
- Deep experience in Cadence Spectre, Layout XL, Genus, Innovus, Tempus and Voltus environments

Job Requirements

- Deep knowledge of Cadence Virtuoso Platform including pCells, physical verification and extraction flows
- Hands on experience with scripting and software development tools (SKILL, Perl, Tcl, C++)
- Highly capable in Linux/Unit operating systems
- Working knowledge of IC management revision control
- Experience with DRC/LVS and extraction flow and rules decks
- Experience with Mentor Calibre DRC/LVS and xRC flows
- Familiarity with compute server grid systems and server load balancing solutions
- Familiarity with job monitoring and related software workload tracking tools
- Excellent verbal and written communication skills
- Team player with a passion for quality and a strong sense of urgency and pride in their work

BSEE and 5+ years of direct experience required.

Full-time Opportunity

Excellent Benefits

www.InnoPhaseInc.com