Staff CAD Engineer

Type: Full-time
Reports To: Director of Design
Location: San Diego or Raleigh

As part of a small, fast moving, innovation focused company, the Senior Staff CAD Engineer will work closely with Design and Technology engineers and other members of the CAD team to enable and enhance the product development process

Experience & Education:

- 10+ years of experience in CAD roles
- Experience with multiple CAD tools (Cadence, Mentor, Synopsys and others)
- Support analog mixed signal design tools and flows
- Experience writing and updating Calibre and Assura decks for DRC/LVS/extraction
- BS in CS or EE or equivalent

Core Responsibilities of the candidate and the CAD team:

- Support and Enhance the ability of the Design, Technology and Layout teams to execute via various initiatives requiring scripting, training and new tools
- Manage CAD tools and Foundry PDKs required for IC Design & Layout including their use, their installation and the rollout of updates
- Address any CAD-related issues experienced by the Engineering teams

Core competencies:

- Good knowledge of the IC Design flow
- Expertise with the installation, modification and debug of Siemens Calibre and Cadence Assura runset decks and tools
- Expertise with the Cadence Design System custom analog design front-end and back-end tools
- Experience providing PDK support including installation and customization
- Provide user EDA support using bug ticketing software
- Experienced in SKILL programming including pcell coding and application development is a plus
- Expertise in shell scripting and Perl and/or python programming
- Able to thrive in a team-oriented environment with engineers in multiple locations