Analog Circuit Designer (Junior, Senior, Staff and Principal)

Job Description

We are seeking a talented and experienced Analog Design Engineer with expertise in BCD (Bipolar-CMOS-DMOS) technology. The ideal candidate will have a strong understanding of analog circuit design principles and experience in designing and developing cutting-edge analog and mixed-signal integrated circuits (ICs).

Responsibilities include (but are not limited to):

- Design and develop analog and mixed-signal circuits using BCD technology
- Perform circuit simulations and analysis to ensure circuit performance meets specifications
- Create layout and physical design of analog circuits
- Develop and maintain design documentation, including schematics, layouts, and test procedures.
- Participate in design reviews and provide technical support to other engineers
- Debug and troubleshoot circuit issues
- Contribute to the development of new products and technologies
- Stay up-to-date on the latest trends and technologies in analog circuit design, and BCD process

Minimum Qualifications:

- Minimum of a Bachelor's degree in Electronic/Electrical Engineering, Computer Engineering or equivalent. Encourage application from candidates with Master's and PhD in Electronics/Electrical Engineering with research work in Analog Mixed Signal and related areas of study.
- Minimum of 3 years of experience in analog circuit design using the BCD process
- Strong understanding of analog circuit theory and design principles
- Proven ability to design and layout high-performance analog circuits
- Experience with circuit simulation tools such as SPICE
- Layout and physical design experience such as Cadence Virtuoso or Mentor Graphics Calibre
- Ability to work independently and as part of a team
- Excellent communication and teamwork skills, and Strong problem-solving skills
- Detail-oriented and highly organized