Job Offer

Job Title   Senior mixed-signal IC design engineer

Contract type permanent

Starting Date immediately

Location   Paris, Caen, Grenoble - FRANCE

Job function SCALINX's design team is seeking a dynamic and highly motivated senior mixed-signal IC design engineer to drive the design of a new generation of analog front-end IC. The candidate will be particularly involved in the architecture definition, design and test of the analog IC front-end in close collaboration with the IC design team.

Work description

- Translate client requirements into circuit specification
- Definition of the IP/IC architecture
- System-level modeling and simulation of the IC sub-blocks
- Transistor-level design, simulation and layout of the IP/IC sub-blocks in CMOS process
- Test the fabricated IP/IC prototype in our measurement lab
- Work with test engineers to implement an ATE solution that provides functional and parametric coverage
- Manage the design team to design a state-of-the art IP/IC
- Participate to design reviews
- Write documentation

Qualification and Experience

- You have at least ten years of experience in the semiconductor industry
- You have developed or participated to the development of an IP or IC product from specifications to mass production
- You have a proven track record in the design and characterization of analog and mixed-signal functions or RF blocks
- You have a solid background and knowledge in semiconductor physics, biasing and reference circuits, switched-cap and continuous-time circuits, feedback systems and compensation techniques, signal processing
- You demonstrate excellent analytical and problem-solving skills

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- Experience of taking high-level specifications and turning them into transistor-level design is required
- A previous experience with the Cadence or Mentor analog design flow is necessary
- Familiarity with behavioral modeling in Verilog-A or MATLAB is necessary
- A previous experience in the design of ADC/DAC functions is a plus
- You have the ability to manage people so they give the best of themselves
- You are a team player with a critical attitude and sense of initiative
- You are a professional who can deliver high-quality work on tight schedules

How to apply

If you have a passion for IC design and the ambition to create something different, it will be a great pleasure to receive your resume at jobs@scalinx.com

About SCALINX

SCALINX is a fabless semiconductor company designing state-of-the-art Analog, Mixed-Signal & RF Integrated Circuits and Intellectual Property blocks for the Aerospace/Defense, Industrial and Communications markets. Our core business is to provide tailored solutions to OEMs and semiconductor companies developing high-end circuits and systems with ultra-low power requirements and reduced Bill of Material.

Our expertise spans from the sensor interface to the digital interface. SCALINX's IC design team has a cumulated expertise of more than 250 years in the semiconductor industry with a proven track record of first-time-right tape-outs that led to many successful business stories.

To learn more about SCALINX, visit our web site www.scalinx.com