

## **Job Offer**

**Job Title** analog 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 analog IC design engineer who will participate to the design of Analog & Mixed-Signal IP or IC. The candidate will be particularly involved in the architecture definition, design and test of the analog IP or IC in close collaboration with the IC design team.

### **Work description**

- Translate the client requirements into circuit specification
- Definition of the IP/IC architecture
- System-level modeling and simulation of the IP/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
- Participate to design reviews
- Write documentation

### **Qualification and Experience**

- You have at least three years of experience in the semiconductor industry or a PhD in electrical engineering
- You have a proven track record in the design and characterization of analog and mixed-signal functions and/or RF blocks
- You have a solid background and knowledge in semiconductor physic, 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
- 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 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](http://www.scalinx.com)*

