



## **ANALOG/MIXED-SIGNAL DESIGN ENGINEER F/M**

NanoXplore is a pioneer in design and development of space-grade FPGA and e-FPGA located in Paris and Montpellier. As a rapidly growing company, NanoXplore is looking to continue building its software and hardware teams.

We are currently hiring Analog/Mixed-Signal Design Engineer who will join the AMS team located in Paris. The successful candidate will contribute to the analog IP development for the next generation FPGAs using cutting edge submicron CMOS technologies.

### **MAIN DUTIES**

- Development of analog and mixed-signal circuits for high performance and low power applications
- Involve in specification and architectural development through circuit design and layout generation to validation, testing and characterization
- Perform spice simulation, circuit modelling and verification by co-simulation (Verilog-A, SystemVerilog)
- Provide clear and adequate documentation

### **ESSENTIAL SKILLS**

- University Engineering degree and/or relevant professional skills
- 3+ years of relevant experience
- Knowledge of, and/or experience in, designing basic analog building blocks with deep sub-micron CMOS processes (FD-SOI, FinFet)
- Experience of circuit schematic and full-custom layout in Virtuoso
- Experience with spice simulation (Eldo/Hspice)
- Understanding and application of mixed signal design techniques
- Experience with Verilog/VHDL modelling
- Familiarity with testing/measurement for silicon validation

### **PREFERRED SKILLS**

- Experience in DfT, DfM, silicon debug, failure analysis
- Knowledge of coding/scripting (Shell, Python etc.)
- Understanding of Power / Signal Integrity (PI/SI) analysis

### **COMPANY**

Join our highly motivated team and be part of our success story “à la française”, in a company with a start-up mentality. We have always believed that our limits are drawn by your motivation. Always attentive to the wellbeing of its employees, NanoXplore allows you to grow and to develop your skills in a quick-paced, reactive working environment. Have any questions about what we do? The Company? Daily life? Please contact us at [careers@nanoxplore.com](mailto:careers@nanoxplore.com).



**NanoXplore**

**SUMMARY**

- Contract: CDI – full-time.
- Location: SEVRES - Île-de-France.
- Experience: minimum 3 years of relevant experience.
- Salary: based on your profile.