

HDL Design House is one of the best companies for ASIC/System-on-Chip Design/Verification and Physical Implementation. We offer a challenging work environment, competitive salaries, additional benefits as well as opportunities for skills acquisition and development. Currently we are looking for motivated and creative individuals to join our team. Engineers with no prior experience are also desirable, making this ideal opportunity for a recent graduate engineer to fast-track their career development into a more senior role.

Position: Analog Modeling Engineer – multiple positions in Belgrade and Ćuprija

Location: Belgrade and Ćuprija, Serbia

The ideal candidate will have the following skills and background:

- M.Sc.EE or equivalent degree in Electronics, Computer Science or Electrical engineering
- Highly motivated and dynamic engineer able to adopt new technology quickly
- Understanding design specs and requirements for AMS circuits, such as SERDES, PLLs, ADC/DAC etc.
- Experience modeling AMS circuits in MATLAB, Simulink, SystemVerilog and VerilogA/AMS
- Proficiency in running SPICE, digital, and Mixed-Signal simulations

The following skills will be a plus:

- Analog design experience
- Basic experience with state of the art analog design tools
- Experience with the implementation technologies below 90nm/CMOS and all steps in analog design flow
- Proficiency writing software in Python
- Experience writing software in C / C++
- Simulation tools for analog, digital, and mixed-signal circuits

Your key responsibilities:

- Development of custom hardware descriptions, specialized for AMS circuits
- Writing test benches, capturing the behavior and performance of AMS architectures and circuits
- Creating verification components for high-productivity testing, regression, and tracking of AMS circuit designs
- Architecture and Design of PLLs, PHYs, sensors, and other AMS circuits, using these custom tools

We offer:

- Comprehensive training for Juniors from experts for design/analog/verification of ASIC/FPGA System-on-Chip
- Unique chance to join a rapidly expanding company offering fantastic career and skills development opportunities
- An exceptional salary
- Permanent employment
- Private health insurance for all family members
- Opportunity to develop soft skills through series of training
- Opportunity to be involved in many sports activities with colleagues
- Opportunity to travel abroad and work on our clients' sites
- Working in young and enthusiastic team

Proficient knowledge of UNIX/Linux and fluent English is a prerequisite for all candidates!

Please send your CV to jobs@hdi-dh.com