



DIGITAL DESIGN ENGINEER (m/f/d)

Inova Semiconductors a Munich-based fabless semiconductor manufacturer founded in 1999, designs, markets and sells its products and licensed technologies both directly and through a global network of distributors, heavily focusing on the automotive market. The core competence of Inova resides in the development and marketing of high-speed digital data transmission semiconductor technologies for harsh automotive environments.

APIX™2 and APIX™3 are the company's flagship product lines that have delivered major advancements in digital multimedia transmission, particularly in the automotive, industrial and transportation market segments. Inova Semiconductors has entered the emerging smart digital LED market under the ISELED™ brand name as member of an open industry-wide alliance.

JOB SUMMARY

Participation in all stages of the digital design flow including:

- System and module level specification of new APIX devices and components
- Module level concept development
- System and module level RTL design in Verilog / System Verilog
- Collaboration with the verification team on system and module verification plans
- Analysis of simulation results and support for test case generation in the APIX UVM verification environment
- FPGA prototyping of key APIX system components
- Close cooperation with the physical implementation team for test concept development, requirement definition, and analysis of the design
- Support for operation start-up of new devices in our lab environment

KEY QUALIFICATIONS

- Degree in electrical engineering / computer science or a similar field of study
- Experience in digital design (Verilog / System Verilog) is required
- Experience in digital verification (System Verilog / UVM) is a plus
- Solid Linux skills and experience in scripting languages (Python) are a plus
- Experience in C/C++ and embedded software development is a plus
- Team-oriented style of work
- Good communication skills in English and German

CONTACT

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