



SENIOR DIGITAL VERIFICATION 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 also 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 Inova digital design flow including:

- Development and enhancement of our APIX and ISELED verification environments
- Generation and improvement of UVM testbench components
- Generation of verification plans in close cooperation with the design team
- Implementation of constrained random and directed test cases in the APIX and ISELED verification environments
- Analysis of simulation and regression results
- Evaluation of new verification methodologies
- Development of assertion based verification components
- Specification of new APIX devices and components
- Support for operation start-up of new devices in our lab environment

CONTACT

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KEY QUALIFICATIONS

- Degree in electrical engineering / computer science or a similar field of study
- At least 4 years of experience in digital verification (System Verilog / UVM)
- Experience with constrained random verification environments
- Experience in formal verification is a plus
- Experience in digital design (System Verilog / Verilog) is a plus
- Good analytical skillset
- Solid Linux skills and experience in scripting languages (e.g. Python)
- Team-oriented style of work
- Good communication skills, fluent in German and English