InnoSens develops high-precision sensor systems for customers in the automotive and consumer electronics industries. Our products build on many years of expertise in MEMS and ASIC technologies and are developed, tested and qualified across our international locations.

To strengthen our digital ASIC development team, we are looking for an experienced professional to take responsibility for sophisticated CMOS designs from architecture through to tape-out.

Senior ASIC Digital Design Engineer (m/w/d)

Your Opportunity

You will take responsibility for developing digital CMOS architectures for our automotive ASICs, from the initial concept through to tape-out. Working closely with our system and analog teams, you will translate requirements into robust microarchitectures and develop RTL designs in Verilog/SystemVerilog.

You will plan and execute design activities with functional safety requirements (ISO 26262) in mind and ensure first-time-right designs through structured verification. In close collaboration with hardware, software and layout teams, you will support the entire digital implementation flow, including synthesis, floorplanning, placement, CTS, routing, as well as timing and power analysis.

At the same time, you will actively contribute to the development of new methods, tools and workflows for our digital ASIC development.

Your Profile

- Degree in electrical engineering, microelectronics, computer engineering, or a comparable field
- Experience in digital ASIC or SoC design, gained in industry, through tape-outs, research, or complex development environments
- Very good knowledge of Verilog/SystemVerilog, VHDL and SDC constraints
- Confident working with Unix/Linux and scripting languages such as TCL, Python and Perl
- Strong analytical skills and enthusiasm for complex technical challenges
- Experience with CDC, RDC, DfT, or automotive standards is a plus
- Knowledge of automotive interfaces such as LIN, PSI5, I^2C, and I^3C is an advantage
- Good command of English and a collaborative mindset

More Than Just a Job

“Made by InnoSens” stands for technical excellence, innovation and long-term reliability. At InnoSens, you will work on real-world production ASICs and SoCs and help shape technologies used in automotive applications worldwide.

We offer a structured onboarding process and mentoring by senior engineers, as well as access to state-of-the-art EDA toolchains such as Cadence Genus, Innovus and PrimeTime. You will take on responsibility in challenging development projects and have the opportunity to grow towards roles such as Physical Design Engineer or Implementation Lead.

At the same time, you will benefit from the stability of an internationally established group of companies: sustainable development, clear long-term prospects and an environment built around quality and long-term growth. Flexible working hours, mobile working options and an attractive compensation package give you the flexibility you need to perform at your best.

At InnoSens, you work where innovation happens, close to the technology, close to the product and close to the team.

Ready to help shape the future of innovation?
We look forward to hearing from you.

For further information or to submit your application, please contact:

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