



As a global technology provider in the field of magnetic field sensors, current sensors, and measurement instrumentation, we develop, produce and supply high-quality products for industry and research institutes. Our customers not only appreciate our unique products and technologies, but also value our commitment to customer specific solutions. To further support our growth, we are looking within Europe for a

Team Leader - Senior Mixed-Signal ASIC Designer M/F

Your tasks: In this demanding, position, you will make a significant contribution to the overall success of our new smart sensor products. Your tasks cover all areas of mixed-signal IC design. The activities cover requirement analysis, concept, ASIC design & developing and evaluating test plans, as well as monitoring manufacturing processes. The successful applicant will drive the development of signal conditioning circuits of our innovative magnetic field sensors such as angle and current sensors based on our patented Hall elements. Supported by a first-class R&D team, led by the inventor of the first integrated 3-axis Hall sensors, the ASIC designer will implement the next generation of our sensors.

Responsibilities

- Development of smart sensor functional blocks and complete mixed-signal ASICs from definition to series maturity
- Feasibility studies and development of new concepts
- Analog/ mixed-signal circuit design and simulation
- Layout design and verification
- Product characterization, release and documentation
- Overall project coordination

Education and Experience

- BSc or MSc, preferably with emphasis on analog Integrated Circuit Design
- Minimum 5 years experience in analog/ mixed-signal IC Design
- Good understanding of semiconductor sensors and their applications
- Analog and mixed-signal IC development experience in CMOS
- Language: Fluent in English; German is an advantage
- Independent and reliable work ethic

We offer an extremely varied and challenging tasks in a dynamic and rapidly growing business area, lots of freedom, modern employment conditions and a multidisciplinary, global work environment. Virtual work from home anywhere in Europe is well acceptable. Occasional trips to coordinate work with our R&D teams in Switzerland and Serbia are required.

Send questions and complete application files to jobs@senis.ch.

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