Senior ASIC Test Engineer (m/f/d)

Descrição da função

As an (Senior) ASIC Test Engineer (m/f/d) for Aumovio ASICs you are responsible for defining and implementing the toplevel test concept of an ASIC based on the analog test concept and the digital test concept. In close cooperation with the design- and design-for-test team, you develop an ATE test concept and ATE test program for the ASIC that can be used and refined for series production when moving from the development to the production stage.

Your tasks will focus on the following activities:

- Responsibility for defining, developing and maintaining ATE test programs for wafer test and final test
- Debugging HW/SW test issues and improve test stability
- Supporting production ramp, safelaunch, and sustaining activities
- Acting as a technical expert and sparring partner for the worldwide design, DFT, and product engineering teams
- Architecting and developing scalable ATE test concepts and test flows for wafer sort and final test
- Taking ownership of the validation strategy for implemented test functionalities and concepts, including defining verification approaches and driving cross-platform consistency
- Ensuring alignment and correlation of test results between bench/system-level and ATE to secure high measurement accuracy and data integrity
- Taking full responsibility silicon characterization across process, voltage, and temperature (PVT) to validate new product features
- Setting up and maintaining comprehensive technical documentation for test concept, test programs, and procedures
- Releasing ATE test solutions to manufacturing and support ongoing production quality related to test coverage

Requisitos

- Academic degree in Electrical Engineering, Microelectronics, Physics, or comparable qualification
- Several years of professional experience in ASIC test engineering
- Experience in yield analysis, test optimization, and product ramp-up
- Advanced ATE test development & program architecture DFT strategy, architecture, and implementation
- Test concepts for complex analog, mixed-signal and digital ASICs
- Deep understanding of analog and mixed-signal circuit design and simulation
- Strong knowledge of digital design and verification methodologies
- Solid understanding of semiconductor manufacturing processes, test flows, and failure analysis
- Very good English language skills (written and spoken), German language skills desirable

Identificação da vaga
REF9775U

Área funcional
Engineering

Local
Regensburg

Nível de liderança
Leading Self

Contato
Sarah Schwarz

Pessoa jurídica
AUMOVIO Germany GmbH

- Strong analytical thinking and problem-solving capabilities Ability to take ownership and drive topics independently
- Excellent communication and stakeholder management skills
- Proven ability to mentor and guide others
- Comfortable working in a global, cross-functional environment

Applications from severely handicapped people are welcome.

O que oferecemos

- Next to the interesting daily work the region around Regensburg is offering a high recreational value and quality of life.
- Profit from extensive benefits at the location such as different canteens and cafeterias, a continuing education and training, health management, physiotherapy and much more.
- We offer an attractive salary as well as the possibility of hybrid and cross-border mobile work.
- For an improved work-life balance we support you with various initiatives for a better compatibility of family and career such as flexible work time model, part-time option, sabbatical, etc.
- You can expect a highly motivated team as well as diverse topics and projects in the global environment of the automotive industry.
- We are promoting lifelong Learning combined with personal and professional development.
- You are looking for an individual working time model? We support part-time work.

You would like to learn more about our additional services? Click here.

Ready to take your career to the next level? The future of mobility isn't just anyone's job. Make it yours! **Join AUMOVIO. Own What's Next.**

Quem somos

Since its spin-off in September 2025 AUMOVIO continues the business of the former Continental group sector Automotive as an independent company. The technology and electronics company offers a wide-ranging portfolio that makes mobility safe, exciting, connected, and autonomous. This includes sensor solutions, displays, braking and comfort systems as well as comprehensive expertise in software, architecture platforms, and assistance systems for software-defined vehicles. In the fiscal year 2024 the business areas, which now belong to AUMOVIO, generated sales of 19.6 billion Euro. The company is headquartered in Frankfurt, Germany and has about 87.000 employees in more than 100 locations worldwide.