

ASIC Test Engineer (m/f/d) - REF6604C

Descrição da função

As an ASIC Test engineer (m/f/diverse) 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:

- Responsible for test concepts development for electronic components in serial production based on the module and system level requirements for Automotive application
- Collaboration with worldwide digital and analog design, layout, verification, test and application teams
- Define ATE test concepts and test flow
- Develop, debug, and maintain ATE test programs for wafer sort and final package test
- Validation and verification of implemented test functionality & concepts. Correlate test results between bench/system-level and ATE to ensure measurement accuracy
- Perform silicon characterization across process, voltage, and temperature (PVT) to validate new product features
- Setup and maintain comprehensive technical documentation for test concept, test programs, and procedures
- Release ATE test solutions to manufacturing and support ongoing production quality related to test coverage

Requisitos

- Master of Science / PhD in Electrical Engineering / Microelectronics / Physics or similar
- Experience in developing tests and ATE testprograms
- Experience in developing DFT specifications and driving DFT architecture and methods for designs
- Experience in developing test concepts for analog blocks, functions and ASIC chiptop
- Knowledge in design and simulation of analog and mixed signal circuits using state-of-the-art ASIC design tools
- Knowledge in design and simulation of digital circuits using state-of-the-art ASIC design tools
- Knowledge in semiconductor production processes (manufacturing, testing, failure analysis)
- Planning and organizing skills, ability to take initiative and to communicate effectively, eagerness to grow and develop
- Very good English language skills (both written and spoken),



Identificação da vaga
REF6604C

Área funcional
Engineering

Local
Frankfurt am Main

Nível de liderança
Leading Self

Contato
Daniela Krebs

Pessoa jurídica
AUMOVIO Germany GmbH

advanced German language skills appreciated

- Team player with good communication and negotiation skills
- Ability to work in an international and multicultural environment
- Motivation and inspiration

Applications from severely handicapped people are welcome.

O que oferecemos

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.