

ASIC Design for Test Engineer (m/f/d) - REF84987L

Descrição da função

As an ASIC Design for Test engineer (m/f/diverse) for Aumovio ASICs you are responsible for defining the top level test concept of an ASIC based on the analog test concept and the digital test concept. You also develop DFT specifications and drive DFT architecture implementation top level together with the digital and analog design team. You create an initial ATE test concept 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:

- Development of test concepts for ASIC module functions based on the module and system level requirements
- Development of ATE test concepts and programs
- Collaboration with worldwide digital and analog design, layout, verification, test and application teams
- Documentation of test concepts, functionality and procedures
- Validation and verification of implemented test functionality and concepts
- Documentation of test concepts, functionality and procedures

Requisitos

- Academic degree as Master of Science / PhD in Electrical Engineering / Microelectronics / Physics or similar
- Experience in design and simulation of analog and mixed signal circuits using state-of-the-art ASIC design tools
- Experience in design and simulation of digital circuits using state-of-the-art ASIC design tool
- Experience in developing test concepts for analog blocks, functions and ASIC chip top
- Knowledge in layout of analog circuits appreciated
- Experience in developing tests and ATE test programs
- Experience in developing DFT specifications and driving DFT architecture and methods for design
- 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), advanced German language skills appreciated
- Team player with good communication and negotiation skill
- Ability to work in an international and multicultural environment
- Motivation and inspiration (operate with integrity and demonstrates dynamism)

Applications from severely handicapped people are welcome.



Identificação da vaga
REF84987L

Área funcional
Engineering

Local
Regensburg

Nível de liderança
Leading Self

Contato
Daniela Krebs

Pessoa jurídica
AUMOVIO Germany GmbH

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.