

ASIC Digital Backend Engineer (m/f/d) - REF84962Q

Your tasks

As digital backend engineer (m/f/diverse) for AUMOVIO ASIC you generate digital block layouts from digital RTL code, choosing appropriate methods to reach robust DRC compliant layout to meet timing and area requirements.

You have the opportunity to work on Continental's diverse innovative automotive applications and find optimized solutions for their specific needs. Special care must be taken to meet the stringent automotive requirements.

Your tasks will focus on the following activities:

- Understanding specifications and RTL design
- Creating design implementation constraints
- Performing RTL synthesis including DFT insertion
- Partitioning the design, executing placement and floor planning of blocks and ports
- Analyzing congestion of routes
- Optimizing clock tree, placement and routing
- Performing timing and signoff analysis

Your profile

- Academic degree in Electrical Engineering/Microelectronics/Physics or comparable qualification
- Several years of relevant work experience
- Knowledge of Cadence physical implementation tools (Genus, Innovus, Tempus, etc)
- Experience in circuit timing closure strategy
- Experience with asynchronous clocks and clock-domain crossing
- Knowledge of deep sub-micron technologies
- Knowledge of digital circuit design
- Experience in analog layout as a plus
- Very good English language skills (both written and spoken)
- Team player with good communication and negotiation skills
- Customer focus (anticipates and understands the customers' needs)
- Motivation and inspiration (operates with integrity and demonstrates dynamism)

Applications from severely handicapped people are welcome.

Our offer

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.**



Job ID

REF84962Q

Field of work

Engineering

Location

Regensburg

Leadership level

Leading Self

Contact

Daniela Krebs

Legal Entity

AUMOVIO Germany GmbH

About us

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.