

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

Vaše náplň práce

As digital backend engineer (m/f/diverse) for Continental 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

Váš profil

- 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.

Co nabízíme

Are you ready to take your career to the next level and become part of something big? Apply now and become part of AUMOVIO to shape the mobility of the future together with us!

ID pracovní pozice
REF84962Q

Obor
Inženýrství

Úroveň vedení lidí
Vedení sebe

Flexibilita práce
Hybridní práce

Kontakt
Daniela Krebs

Právnícká osoba
Continental Automotive Technologies GmbH

Ready to take your career to the next level and join us at the start of something extraordinary? Apply now to become a part of AUMOVIO and drive the future mobility together with us!

O nás

Continental's Automotive group sector is expected to be listed as independent company "AUMOVIO" in September 2025. With ~93,000 employees worldwide and annual sales of ~€20 billion, we are entering an exciting new era.

AUMOVIO stands for highly developed electronic products and modern mobility solutions. In addition to its strong market position with innovative sensor solutions, displays, and technologically leading braking and comfort systems, AUMOVIO has significant expertise in software, architecture platforms and assistance systems for the rapidly growing future market of software-defined and autonomous vehicles. Our purpose is clear: to make future mobility safe, exciting, connected, and autonomous.