

System Engineer ASIC design - SCT ASW (TM)

Your tasks

As an ASIC design engineer you specify, design and implement functional circuit blocks to meet the specifications of an IC.

You have the opportunity to work on Continental's diverse innovative automotive applications and find optimized solutions for their specific needs.

The stringent automotive requirements are to be met during design.

Willingness to support the circuit's layout and testing is desired.

Your tasks include

- Participation in feasibility studies for ASICs and specification definition
- Transistor level circuit design
- Design, simulation and test of analog and mixed signal circuits
- Design documentation
- Design validation
- Development of test procedures

Your profile

Qualifications

- Master of Science / PhD in Electrical Engineering / Microelectronics / Physics or similar
- Experience in design of analog circuits
- Understanding of semiconductor backend production (testing, assembly, failure analysis)
- Experience with Electronics CAD Tools (ideally IC design know-how, Cadence, Synopsys, Mentor)
- Very good English language skills written and spoken
- Planning and organizing skills, ability to take initiative and to communicate effectively, eagerness to grow and develop
- 2+ years of relevant design experience in electronic products

Desired design experience in one or more of the following

- Reference circuits
- Amplifiers
- ADCs



Job ID
REF37113I

Field of work
Engineering

Location
Timișoara

Leadership level
Leading Self

Job flexibility
Hybrid Job

Legal Entity
**Continental Automotive Romania
SRL**

- Interface design
- Regulators
- Layout
- Digital design

Our offer

What we offer:

Pay for Performance:

- Achievement Bonuses and Rewards;
- Relocation Bonus for non-Timisoara Residents;
- Recommendation Bonuses for new team members;
- Flexibility Program including flexible hours, mobile work and sabbaticals.

Wellbeing:

- Health & Wellness (Private Health Insurance, Life Insurance, Sport activities etc.);
- Different discounts (glasses, tires, medical, shopping);
- In-house restaurant & coffee corners.

Life-Long Learning:

- Technical, Soft Skills & Leadership trainings;
- Dedicated Programs and Conferences;
- Free Language Courses (English, German, French etc);
- Access to e-learning platforms;
- Career development opportunities (local and international);
- Internal development communities (Experts, Agile Community of Practice, Artificial Intelligence etc).

Ready to drive with Continental? Take the first step and fill in the online application.

About us

Continental develops pioneering technologies and services for sustainable and connected mobility of people and their goods. Founded in 1871, the technology company offers safe, efficient, intelligent and affordable solutions for vehicles, machines, traffic and transportation. In 2023, Continental generated sales of €41.4 billion and currently employs around 200,000 people in 56 countries and markets.