

Senior Analog-Mixed Signal Design Engineer (m/f/d) - A OT AESS

Your tasks

As **Senior Analog-Mixed Signal Design Engineer** you specify, design and implement functional circuit blocks to meet the specifications of an IC in our Advanced Electronics & Semiconductor Solutions (AESS) department in Timisoara.

You have the opportunity to work on AUMOVIO'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

- Master of Science / PhD in Electrical Engineering / Microelectronics / Physics or similar
- 5+ years of relevant design experience in analog mixed-signal circuits
- Experience in design of analog circuits
- Good understanding of BCD technologies
- Good 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

Desired design experience in several of the following

- Reference circuits
- Amplifiers
- ADCs
- Interface design
- Regulators
- Layout
- Digital design.



Job ID
REF9877V

Field of work
Engineering

Location
Timișoara

Leadership level
Leading Self

Legal Entity
**AUMOVIO TECHNOLOGIES
ROMANIA S.R.L.**

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.**

About us

At AUMOVIO, we own what we do: Developing and producing hardware, software, and services that shape the future of mobility. But what truly sets us apart are our people. People who thrive in our winning culture, driven by bold ideas. People who take a leap and create meaningful difference—together. Because we believe that the future belongs to those who own it. That's why we foster a culture where you own every step of the way.

Own your career, your growth, your skills, and your impact. Join us and own what's next.

Advanced Electronics & Semiconductor Solutions (AESS) organization has been established in AUMOVIO to develop and manufacture semiconductors in a fabless model to fulfilling strategic internal semiconductor demands.