

Principal Lead IC Analog Layout Engineer - A TO (TM)

Your tasks

As a Lead Layout Engineer, you will be responsible for the top-level integration of analog and mixed-signal ICs. You will lead the layout development process, ensuring robust, DRC-compliant designs with optimal area utilization. You will collaborate closely with analog circuit designers and other layout engineers to deliver high-quality silicon.

Key Responsibilities

- Lead the top-level layout integration of analog/mixed-signal chips (analog on top);
- Define and implement floorplanning and padframe design;
- Generate and integrate analog layouts at block and chip level;
- Perform pin placement, parasitic extraction, and layout optimization;
- Ensure compliance with DRC, LVS, and support tape-out activities;
- Collaborate with design engineers to meet speed, area, power, DFM, ESD, and EMV requirements.

Your profile

- Master of Science / PhD in Electrical Engineering / Microelectronics / Physics or similar;
- 5-10 years of experience in analog layout design;
- Proven experience in top-level layout integration;
- Strong expertise in BCD technologies (65nm to 180nm);
- Deep understanding of deep submicron effects (parasitics, coupling, matching);
- Proficient in layout tools for design, DRC, LVS, and extraction;
- Basic knowledge of analog circuit 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.



Job ID

REF86207S

Field of work

Engineering

Location

Timișoara

Leadership level

Leading Self

Job flexibility

Hybrid Job

Legal Entity

**Continental Automotive Romania
SRL**

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 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!