



## Staff Analog & Mixed-Signal IC Layout Engineer (f/m /div)\*

### Job description

Infineon is building up a new R&D team in its Bucharest design center to develop power management ICs in the area of telecom and battery powered motor control applications. You want to drive the development of these new and innovative power management solutions with professional project management methods in an international environment? As Staff Analog/Mixed-Signal IC Layout Engineer you have the chance to do exactly that. You will be part of Infineon's PSS DCDC Business segment and be part of the analog/mixed-signal IC design. You will work with diverse, cross-functional and international teams. Sounds interesting? Take the chance for a change and join our Power & Sensor Systems (PSS) Division – apply now for your #PSSDreamJob. This position is part of technical career path. It provides an attractive career opportunity for employees who focus on IC layout.

As Staff Analog & Mixed Signal Layout Engineer you will be responsible for the physical layout of integrated circuits. You will work in close cooperation with the concept and design team and be part of the Product Development Team.

In your new role you will:

- Be responsible for **implementation of IC top-level layouts**
- Be responsible for **chip floor planning and power/clock distribution**
- Work closely with circuit designers to **ensure successful project deliveries**
- Create state of the art **mixed signal IC layouts**
- Be responsible for **running verification and extraction sequences**
- Participate in establishing **CAD and layout design methodologies**
- Run the **full mask ordering** process until mask release

### Profile

You generate value with your ideas and solutions and demonstrate high quality standards for yourself and other people. You communicate openly, clearly, and coherently.

You are best equipped for this task if you have:

- A technical school education/ university degree in **Electrical Engineering, Microelectronics** or a similar field
- **4+ years** of experience in analog/mixed-signal layout
- Knowledge of **CAD tools** for physical design (Cadence, Mentor)

### At a glance

Location: **Bucharest (Romania)**  
Job ID: **336585**  
Start date: **as soon as possible**  
Entry level: **5+ years**  
Type: **Full time**  
Contract: **Permanent**

Apply to this position online by following the URL and entering the Job ID in our job search:

Job ID: **336585**  
[www.infineon.com/jobs](https://www.infineon.com/jobs)

### Contact

**Tiago Novais**  
Talent Attraction Manager



- Good understanding of **integrated circuits** such as matching, noise, coupling, shielding and IR-drop
- Basic **Unix OS** experience
- Fluency in **English**

## Benefits

- **Bucharest:** Coaching, mentoring networking possibilities; Wide range of training offers & planning of career development; International assignments; Different career paths: Project Management, Technical Ladder, Management & Individual Contributor; Flexible working hours at many sites; Home office options; Medical coverage; Health promotion programs; On-site gym with special rates; On-site canteens; Wage payment in case of sick leave based on applicable law; Corporate pension benefits for engineers; Performance bonus options; Accessibility, access for wheelchairs

## Why Us

**Part of your life. Part of tomorrow.**

We make life easier, safer and greener – with technology that achieves more, consumes less and is accessible to everyone. Microelectronics from Infineon is the key to a better future. Efficient use of energy, environmentally-friendly mobility and security in a connected world – we solve some of the most critical challenges that our society faces while taking a conscientious approach to the use of natural resources.

**– Power & Sensor Systems (PSS) drives leading-edge power management, sensing and data transfer capabilities –**

*Infineon PSS semiconductors play a vital role in enabling intelligent power management, smart sensitivity as well as fast and reliable data processing in an increasingly digitalized world. Our leading-edge power devices make chargers, adapters, power tools and lighting systems smarter, smaller, lighter and more energy-efficient. Our trusted sensors increase the context sensitivity of “things” and systems such as HMI, and our RF chips power fast and reliable data communication.*

[Click here](#) for more information about working at PSS with interesting employee and management insights and an overview with more #PSSDreamJobs.

\* The term gender in the sense of the General Equal Treatment Act (GETA) or other national legislation refers to the biological assignment to a gender group. At Infineon we are proud to embrace (gender) diversity, including female, male and diverse..

