



Senior Staff Engineer - Digital / Physical Design (f/m /div*)

Job description

Wanted: Digital Physical Design Hero. Reward: Your new dream job at Infineon Technologies. Our PSS (Power Sensor Systems) division in Graz, Austria is looking for a talented Senior Staff Engineer – Digital and Physical Design to join our high-performance team of international superheroes. Chip in now and become the link between the digital and physical in the exciting field of mobile applications.

In this role, you will be part of an **international team** working at the forefront of technology to find solutions for our next generation **3D image sensors**. As our new **Digital and Physical Design Hero**, you will be responsible for the **top-level implementation** of our **SoCs** (System on Chip), among other exciting tasks.

Your new role includes:

- **Floorplanning** including **pin placement, power routing, clock tree implementation, placement of blocks and macros**
- **Place and Route**
- **Parasitic extraction** for **gate-level simulations**
- **Physical Verification** including **DRC, ERC and LVS**
- **Power estimation** and **tracking**
- **Static and Dynamic IR Analysis**

During your **onboarding phase**, we support you with your tasks and responsibilities. With regular **feedback meetings** and the **planning of your professional and personal development**, we will ensure your **success** at **Infineon Technologies**.

Profile

You are a true **team player** and treat your colleagues with respect and trust. You are not only able to **learn quickly**, but also **strive to achieve highly automated and clean design workflows**. You are an **excellent networker** with **strong communication skills** who can rapidly establish **successful collaborations**. You also put the team's results above your own interests.

You are best equipped if you have / are:

- A **Master's Degree** (University / University of applied sciences) in **Electrical Engineering, Computer Science** or comparable

At a glance

Location: **Graz (Austria)**
Job ID: **357552**
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: **357552**
www.infineon.com/jobs

Contact

Lisa-Marie Linder-Goritschnig
Talent Attraction Manager



- Ideally **5+ years of hands-on experience** in **RTL and GDSII design flow** as well as with **Synopsys/ Cadence tools**
- Experience in complex **mixed-signal SoC designs**
- Knowledge about **low power** and **multi voltage design** including **UPF**
- Proficiency with **scripting languages** to achieve highly automated, reproducible and fast results
- Familiar with the role of a **Lead Engineer (planning, tracking and reporting team success, and acting as the primary interface with project management)** is a strong asset
- **Fluent English skills.** German are a plus

This position is subject to the collective agreement for workers and employees in the electrical and electronics industry, employment group H-I (<https://www.feei.at/wp-content/uploads/2022/05/minimum-salaries-white-collar-workers-2022.pdf>). A higher payment is negotiable depending on your expertise and skills.

Benefits

- **Graz:** 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 conditions; Home office options; Part-time work possible (also during parental leave); Sabbatical; On-site social counselling and works doctor; Health promotion programs; Discounted lunch possibilities; Private insurance offers; Corporate pension benefits; Flexible transition into retirement; Performance bonus; 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.

For more information about working at PSS with interesting employee and management insights and an overview with more #PSSDreamJobs

[Click here](#)

The **Development Center** of Infineon in **Graz** is working on leading edge contactless, security and sensor technologies. Whether we are talking about the Near Field Communication (NFC) transmission standard, vehicle components for Radar, optical distance measurements or 3D image sensor chips for Augmented Reality and Virtual Reality – our Development Center is a driving force in innovations in security, mobility, and the Internet of Things.



**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.*

