



Physical SoC Design & Implementation Engineer (f/m/d)

Job description

Get physical! This is not your ordinary Design Job! The Development Center in Graz is working on leading edge security technologies for the connected world. Currently, we are growing in the field of microcontroller applications for motor control, home appliances and factory automation in deep-submicron technologies. Therefore, we are establishing a new design team and are looking for an experienced Physical SoC talent to work on the development of our state-of-the-art industrial controllers! Chip in now and design a plan for the future of CSS!

As a **Physical Design Engineer**, you will be responsible **STA** and **Timing Closure** and **Sign-Off** of complex **low power SoCs**. It takes deep **technical skills and accuracy** plus a **communitive nature** to get the job done.

In this job, you will

- Work close with **various stages of physical design implementation** but with **focus** and **higher expertise** on **STA**, **constraints development**, **timing analysis** and **closure** on multiple modes and corners
- Interact with **RTL**, **DFT** and the **Physical Implementation** team members on **timing feasibility**
- **Develop scripts** and **methods** for **design automation** and **cycle time reduction**

Profile

You are an ambitious **team player** with an **outstanding technical expertise** in **semiconductor development** and **manufacturing** and have the desire to broaden and deepen your technical knowledge. Your **strong negotiation** and **communication skills** help you to successfully establish professional networks. You have a **well-organized**, **methodical** and **detail-oriented** way of working and a **strong focus on quality**.

With the following knowledge, experience and skills you are best equipped for this task:

- A **University Degree** (Master, Bachelor) in **Electrical/ Electronical Engineering**, **VLSI** or similar
- **Sound programming skills** and knowledge in **scripting languages** like **Tcl**, **Perl** or **Python**
- Knowledge in **HDL languages** and **SoC architectures**
- Experience in **VLSI design** and **SoCs**

At a glance

Location: **Graz (Austria)**
Job ID: **342677**
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: **342677**
www.infineon.com/jobs

Contact

Lisa-Marie Linder-Goritschnig
Talent Attraction Manager



- **Team player, methodical and detail-oriented** way of working
- Good **communication skills**
- **Fluent in English.** German skills are a plus

This position is subject to the collective agreement for workers and employees in the electrical and electronics industry, employment group G-I (<https://www.feei.at/leistungen/informations-service/mindestloehne-und-gehalter-2020>). 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.

– **Connected Secure Systems (CSS) delivers security for the connected world –**
The Connected Secure Systems (CSS) segment offers comprehensive systems for a secure, networked world with a portfolio built around reliable, trendsetting microcontrollers as well as wireless connectivity and security solutions. Over the past decades, CSS has developed microcontroller, Wi-Fi, Bluetooth and combined connectivity solutions (known as connectivity combos) and hardware-based security technologies. The products are used in a broad range of applications: from consumer electronics, IoT and home appliances to IT equipment, cloud security and networked cars all the way to credit and debit cards, electronic passports and IDs. With its leading technologies in the areas of computing, connectivity and security, CSS makes a decisive contribution to protecting today's and tomorrow's networked systems.

For more information about working at CSS with interesting employee and management insights and an overview with more #CSSDreamJobs.

[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 .*



