



## Physical Design Engineer (f/m/div)\*

### Job description

Get physical: This is not your ordinary layout job! Challenge yourself and contribute to the design of our leading-edge security controllers! Even if you don't know it yet, our security chips are already a fixed companion in your everyday life. In the form of contactless payment methods, ID cards, passports, etc., they make your life not only easier, but also more secure. Did you know that Infineon is the leading provider of security solutions? It offers tailored and ready-to-use security solutions serving a wide range of applications from smart cards to new, emerging use cases. Our Connected Secure Systems (CSS) division in Graz is looking for new talents who are up for the challenge. Chip in and lay out a plan for the future of CSS!

As a **Physical Design Engineer** you will be responsible for **physical design synthesis** including **floorplanning** and **power grid design**. It takes **technical skills and accuracy** plus a **communitive nature** to get the job done. You will work in an **international team** with interfaces to digital and analog **layout engineers, design and verification engineers** as well as **SoC implementation**.

In this job, you will be responsible for:

- Physical Design implementation
- Floorplanning
- Power grid design
- Place and route
- IR Drop and physical verification checks
- Clock tree synthesis

### Profile

You live up to **high quality standards**, strive for continuous improvement and you develop and implement effective solutions. As a **true team player**, you cooperate across boundaries and contribute with your **hands-on** and **detail-oriented mentality**. Due to your **structured** and **methodical working style** you are able to handle abstract matters and communicate complex topics in a condensed form.

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

- **0-3 years** of experience and expertise in **Physical SoC Design implementation**
- **University degree** in **Electrical Engineering** or **similar** is a plus
- **Programming skills** and **scripting**

### At a glance

Location:

Job ID: **334514**

Start date: **as soon as possible**

Entry level: **0-1 year**

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: **334514**  
[www.infineon.com/jobs](http://www.infineon.com/jobs)

### Contact

**Lisa-Marie Linder-Goritschnig**  
Talent Attraction Manager



- Experience with state-of-the-art **EDA tools** is a plus
- **Team player, methodical** and **detail-oriented** way of working
- Good **communication skills**
- **Fluent in English.** German is a plus

This position is subject to the collective agreement for workers and employees in the electrical and electronics industry, employment group F-G (<https://www.feei.at/leistungen/informations-service/mindestlohne-und-gehalter-2020>). A higher payment is negotiable depending on your expertise and skills.

## 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 .*

