



Digital Design Engineer Logical Synthesis (f/m/d)*

Job description

Timing is everything and this is YOUR moment. Our Connected Secure Systems (CSS) business unit in Graz is currently looking for a talented "Digital Design Engineer" to work on the development of our state-of-the-art 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. Chip in and be on time to contribute to the future of CSS!

As a **Digital Design Engineer**, you will be responsible for **Logic Synthesis** including **STA** and **Timing Sign-Off**. Additionally, your new role includes **formal** and **security verification**. 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 **layout, design** and **verification engineers** as well as **SoC implementation**.

In this job, you will be responsible for:

- Logic synthesis, STA, constraining
- Timing analysis post synthesis / post layout, sign-off timing analysis
- Formal RTL verification
- RTL to Layout equivalence check
- Security constraints verification
- Top-Level RTL design
- Digital Top-Level Simulation
- Dynamic power consumption estimation

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:

- A **university degree of applied sciences** in **Electrical Engineering** or similar.

At a glance

Location:
Job ID: **350293**
Start date: **as soon as possible**
Entry level: **3-5 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: **350293**
www.infineon.com/jobs

Contact

Lisa-Marie Linder-Goritschnig
Talent Attraction Manager



- **3+ years** of experience within the digital design area is desirable
- Good knowledge in **logic synthesis** and **STA**.
- Experience with **state-of-the-art EDA tools**.
- Know-how of **HDL** (System Verilog, Verilog, VHDL)
- **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 H-I (<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 .*

