



Senior Digital Design Engineer – Automotive Applications (f/m/div)*

Job description

Are you passionate about Digital IC Design? Do you use your creative mindset to achieve innovative solutions? In our department for Power Integration & Supply some of the best experts in the industry are developing leading-edge technology for tomorrow's Automotive key trends like xEV, autonomous driving and securely connected cars. For the development of the next generation Power Management ICs and Battery Management Systems, we are searching for you to help us grow into the next level in our mission of excellence. Join us now at our location Graz, Austria and become part of our automotive success story!

In this position, you are **responsible** for **Digital design** (System Verilog / VHDL coding), **simulation**, **synthesis** and **static timing analysis**.

In your new role the **main tasks** will be:

- Define **digital algorithms** and **architecture**
- Implement **design-for-test concepts**
- **Closely cooperate** with **concept** engineers, **analog** and **digital** designers and **verification** engineers
- Support **hardware post-silicon validation** in the lab
- **Translate design requirements** to an **architecture** & following implementation, maintain **development activities** within digital domain throughout a project
- **Lead digital designers** within a **project**, provide guidance and support to digital designers and actively **drive advancement** of **methods** and **tool development**
- **Perform analysis** and **debug** of **test results**, refinement and documentation of **test cases** together with digital verification team (**bug-reviews**)
- Do **scripting** and **automation**
- Perform **design reviews** / **inspections**

Profile

With your great **interpersonal skills** and your **cooperative way of thinking**, being part of a team makes you feel at home. You have **exceptional problem solving** and **analytical skills** and you always look on the **big picture**. Moreover, you deal with your daily work in a **pragmatic** and **enthusiastic way** and you **communicate clearly and openly**.

You are best equipped for this task if you have:

At a glance

Location:

Job ID: **354467**

Start date: **Sep 01, 2022**

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: **354467**
www.infineon.com/jobs

Contact

Daniela Hofbauer



- A university master degree in **Electrical Engineering, Computer Science** or a comparable education
- **5 years+** of experience in **digital design** experience
- Good knowledge of **Verilog, SysVerilog, VHDL** (SysVerilog is preferred language)
- Proficient experience in **leading** a team of **engineers** towards **product development**
- Proficient experience using **simulation** of RTL and **gate- level, synthesis, equivalence checking CDC**
- Working knowledge of **C/C++, Python or Perl** programming languages
- Knowledge of **Unix/ Linux** environment and **shell programming**
- Experience with **industry standard tools** and **methodologies**
- Experience with **embedded processors/ firmware development** is a **plus**
- Experience with **ISO26262** Functional Safety is a **plus**
- Knowledge of **SysML** is a **plus**
- Fluent **English** skills, **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 I (<https://www.feei.at/leistungen/informations-service/mindestlohn-und-gehalt-2020/>). The monthly salary is paid 14 times p.a. A higher payment is negotiable depending on your expertise and skills. Furthermore, Infineon offers additional employee benefits.

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.

– Automotive (ATV) shapes the future of mobility with micro-electronics enabling clean, safe and smart cars –

Semiconductors are essential to realize key trends like eMobility, automated driving and secure, connected cars. Infineon **ATV** is the #1 semiconductor partner in the fast-changing automotive world, based on our system knowledge coupled with our passion for innovation and quality. We are a key driver in the ever-advancing pace of digitalization in the automotive industry.

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

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.*

