



Digital Design Engineer (f/m/div)*

Job description

You are a creative thinker and you love to design digital modules? You want to work in an highly innovative environment and bring in your knowledge? We have the right position for you - apply now to get a chance to become part of our team in Villach!

Main tasks and responsibilities:

- **Design and verification of digital modules** using System Verilog
- **Implementation of digital hardware** optimized for area, power and design-for-test
- **Integration of digital modules, firmware and analog behavioral models** for top level verification
- **Functional chip level verification**, formal verification, regression testing
- Support **synthesis, place and route** and **timing analysis** activities
- **Design-for-test** implementation (ATPG)
- Design within ISO26262 compliant development environment
- Conduct **code reviews**
- Design **documentation**

Review, feedback and support for:

- **Translation of customer requirements** into functional concepts with respect to the demands resulting from safety relevant automotive systems (up to ASIL-D)
- **Concept Engineering support** for architecture and algorithms
- **Feasibility studies** and **chip size estimations**
- **Power estimation**, coordination of **pre-silicon verification activities**, **lab verification support**

Profile

You are best equipped for this task if you:

- Finished a **degree (university / university of applied sciences)** in **Electrical Engineering** or similar with focus on electronics
- Could already collect **work experience** of about **3-5 years**
- Have fundamentals of **electronic engineering** respectively of **semiconductor-technics**
- **Think creative**
- Have **good knowledge** of RTL coding using **System Verilog**

At a glance

Location: **Villach (Austria)**
Job ID: **339294**
Start date: **as soon as possible**
Entry level: **1-3 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: **339294**
www.infineon.com/jobs

Contact

Martin Gabernig
Talent Attraction Manager



- Are able to communicate **fluent in English**, **German** would be a plus

We offer competitive salaries and additional benefits based on your performance, experience and qualification. The employment is in accordance with the collective salary and wage agreement for employees of the electrical and electronics industry, employment group G-H (<https://www.feei.at/leistungen/informations-service/mindestlohne-und-gehalter-2020>). The monthly salary is paid 14 times p.a. We offer a higher compensation depending on your expertise and skills.

Benefits

- **Villach:** 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; Child care in Villach & Klagenfurt; On-site social counselling and works doctor; Health promotion programs; On-site canteen; Private insurance offers; Wage payment in case of sick leave; 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 –

Our semiconductors are essential for supporting the automotive megatrends: electromobility, automated driving, connectivity, and advanced security. They link the real and the digital world, driving the ever-advancing pace of automotive digitalization. Infineon **ATV** is the number one semiconductor partner in the fast-changing automotive world, based on our system knowledge and our passion for innovation and quality.

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

At **Infineon in Villach** you shape the technologies of tomorrow and work in an international environment with more than 3700 colleagues from over 65 nations. Your personal contribution will be valued and appreciated as the cornerstones of our success. And all that in beautiful surroundings which guarantee a high quality of life.

The **City of Villach** is located in the center of Carinthia, Austria's southernmost province, in close proximity to the Italian and Slovenian border. Living in Austria has many social, health-care-related and economic perks. The country's social and health care system is among the best in the world and for decades numerous international surveys have singled out Austria as a particularly safe and wealthy country with a high quality of life. Villach itself benefits from its status as a "small town", offering everyday living at affordable prices in an outstanding setting.

Find out what you like most about Villach and join us:

<https://www.welcome2villach.at/>

** 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.*

