



Principal Engineer Digital Concept and Design (f/m/div)*

Job description

Have you got a passion to define theoretical concepts and translate them into real hardware designs, present in many everyday applications? Do you have a good understanding of the modeling, digital design and verification flow? If you are ready to take your next career step as digital concept and design engineer, this position is your opportunity to join a growing, fast paced and strong integrated circuits development team in Villach.

In your new job you will:

- **Conduct feasibility studies** to ensure proof of concept
- **Define design requirements** of the product
- **Translate product concept** and **design requirements** into behavioral models and RTL design (e.g. SystemVerilog)
- **Demonstrate clear and consistent communication** with your peers and stakeholders

Profile

You are a technical leader with excellent communication skills. You are convinced that a smooth product development starts with a clear product specification, which you align upfront with the application engineer. You have a good sense of what designers and verification engineers need to execute their work efficiently. You make use of area optimization methods and low power design techniques to make your design smaller and more energy efficient. Finally, you consider that design integration and design verification are two important steps to confirm your good work and you provide the necessary support for it (simulation review, silicon bring-up).

You are best equipped for this job if you have:

- **A university degree in Electrical Engineering, Informatics** or equivalent
- **At least 8 years' experience** in digital system architecture or design implementation
- **An excellent knowledge of RTL coding** using Verilog or SystemVerilog
- **A good command of behavioral modeling** using SystemVerilog, Matlab or equivalent

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/wp-content/uploads/2021/04/minimum-salaries-white-collar-workers-2021.pdf>). A higher

At a glance

Location: **Villach (Austria)**
Job ID: **339112**
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: **339112**
www.infineon.com/jobs

Contact

Melanie Happerger, MSc
Talent Attraction Manager



payment is negotiable depending on your expertise and skills. Furthermore, Infineon offers additional employee benefits.

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.

– Power & Sensor Systems (PSS) drives leading-edge power management, sensing and data transfer capabilities –

Infineon **PSS** semiconductors play a vital role in enabling intelligent power management, smart sensitivity as well as fast and reliable data processing in an increasingly digitalized world. Our leading-edge power devices make chargers, adapters, power tools and lighting systems smarter, smaller, lighter and more energy-efficient. Our trusted sensors increase the context sensitivity of “things” and systems such as HMI, and our RF chips power fast and reliable data communication. [Click here](#) for more information about working at PSS with interesting employee and management insights and an overview with more #PSSDreamJobs.

At **Infineon in Villach** you shape the technologies of tomorrow and work in an international environment with more than 3900 colleagues from over 70 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.*

