



Principal Engineer Digital Design Verification (f/m/div)*

Job description

Looking for a new challenge? Do you bring a pioneering spirit as well as experience with digital verification methodologies and tools? Then take the chance and come on board! This job offers the opportunity to develop your technical and personal skills in a growing, fast paced and motivated team. Come on board and be part of an international team with interfaces to analog and digital designers as well as to system architects, test engineers and lab colleagues.

In your new job you will be responsible for:

- Creation and Maintenance of **verification plans**
- **Verification plan** execution, tracking and documentation
- Choosing the right **verification methodology**
- Defining **verification metrics**
- Setting up **verification environments**
- **Executing tests** in these environments on RTL and gate-level will also be part of your tasks.

You describe yourself as a highly enthused team player who can structure and solve complex tasks. You remain focused on solutions, open and flexible even in demanding situations with a high degree of commitment and energy. You demonstrate strong communication skills and know how to establish lasting relationships and networks.

Profile

You are best equipped for this task if you have:

- A university / university of applied sciences degree in **Electrical Engineering, Information Technology, Telematics** or comparable with focus on electronics
- **7+ years** of experience in **pre-silicon verification**
- **Good project experience with SV-UVM/ Specman e**
- **Good knowledge of VHDL, (System)Verilog**
- Knowledge of **property checking, mixed-signal verification** is a plus
- Solid **Unix programming languages**, e.g. **Shell, Perl, TCL**
- **Fluent English** skills with **German skills** as a plus

At a glance

Location: **Villach (Austria)**
Job ID: **315765**
Start date: **Sep 01, 2022**
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: **315765**
www.infineon.com/jobs

Contact

Carmen Wernle
Talent Attraction Manager



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/mindestloehne-und-gehalter-2020>). A higher 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.

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.

Automotive Microcontroller: We make cars clean, safe and smart

As a leading automotive microcontroller vendor, the Infineon business line **Automotive Microcontroller** (ATV MC) offers the industry's most comprehensive vehicle microcontroller portfolio and complements it with software. We serve automotive key applications, such as powertrain, advanced driver assist, chassis, body, instrument cluster and infotainment. We also address high-performance dependable computing, real-time domain and zone control, smart sensing and affordable artificial intelligence (AI) applications enabling the next stages of automated driving as well as higher levels of car connectivity, digitalization and security.

Being at the core of this transformation, ATV MC contributes to shape the future of mobility enabling clean, safe and smart cars. So join us to create a better future together.

#AutomotiveMicrocontroller

At **Infineon in Villach** you shape the technologies of tomorrow and work in an international environment with colleagues from more than 60 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. Due to its particular geographic location and the outstanding natural beauty of the region, Villach and the whole province of Carinthia have for generations been popular holiday destinations for people from all over the world. Its unique landscape combines mountains and valleys, lakes and rivers, city and countryside. In addition to the favorable geographic location, living in Austria also 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 benefits from its status as a "small town," offering everyday living at affordable prices in an outstanding setting. So it's no surprise that the city on the Drau is considered the "home of work-life balance".

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.*

