



Principal Engineer Production / Analog Test Development Automation (f/m/div)*

Job description

Are you looking for a new challenge? Are you used to work proactively and interdisciplinary? Are you ready to bring your know-how into an innovative, future-oriented company? Then Infineon Technologies Austria is the place to be for you!

In your new role you will:

- **Work with international DfT and test engineering teams** to define methodologies and tools for chip test program development and verification
- **Observe and evaluate trends in DfT and test engineering**, and propose innovative approaches
- **Create and optimize flows that meet our targets** on highest quality, minimize test cost, and ensure the time-to-market goal
- Use your strong SW competencies to **develop tools for the automation of tasks in the test pattern and test program development**
- **Develop flows for the pre-silicon simulation** and verification of structural and functional patterns, as well as ATE test programs
- **Act as a mentor and coach** and share knowledge in own organization and cross-functional teams

Profile

You are best equipped for this task if you have:

- **A university / university of applied sciences degree in Electrical Engineering, Micro-Electronics** or similar, complemented by strong SW skills
- **At least 8 years of experience in the semiconductor business**, as a test engineer, DfT engineer, design verification or lab engineer
- **Knowledge of analog and mixed-signal building blocks** of System-on-Chip design, digital and analog DfT, including the relevant standards (JTAG, iJTAG, SWD, STIL)
- **A solid background in IC test methodologies, architectures and programming concepts of automatic test equipment** (Advantest, Teradyne)
- **Good know-how of HW design languages** (VHDL, Verilog, SV) and EDA simulation tools
- **Solid practice in Unix, programming and scripting** (Perl, Python) for prototyping new ideas and flows

At a glance

Location:	Villach (Austria)
Job ID:	354523
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: **354523**
www.infineon.com/jobs

Contact

Christine Felsberger



- A **strong personality for developing innovation proposals, presenting and collaborating with stakeholders**, and driving the implementation
- **Fluent English skills**, German is 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 H-I (<https://www.feei.at/wp-content/uploads/2022/05/minimum-salaries-white-collar-workers-2022.pdf>.) 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.

The central R&D organization „**Design Enabling and Services**“ (DES) provides the design environment to the different Infineon product development teams. With state-of-the-art design methods, building blocks and a wide range of product development services DES supports Infineon's advanced IC development from early high level system models to verified products ready for manufacturing.

About Infineon Villach

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.*

