

Driving decarbonization and digitalization. Together.



Product Validation Engineer (f/m/div)

Job description

Are you able to learn quickly and develop yourself as an application expert? Do you have an affinity for measurements and would like to join an international team at the pulse of technology? This is your chance. To enforce our team within the Power Sensors & Systems Division, we are looking for a Product Validation Engineer.

In your new job you will:

- **Measure Infineon components** in motor drives, battery protection and DCDC Power Conversion Applications, DCDC Buck Converters, Brick Converters for Telecom, SMPS for Servers/Telecom and Adapters
- **Perform tests of leading-edge devices** on specially designed boards to **support the development and optimization** of new technologies
- **Carry out competitor benchmarking, organize and analyze data** and generate **test reports**
- **Act as technical support** for product definition engineering team to validate products value proposition in customer systems during development projects
- **Contribute to peer reviews** of internal development documents
- **Create new application test setups** (e.g. design of application test board) including test automation
- **Assist Product Application Engineering** in writing Application notes, layout- & board design

Profile

You are best equipped for this task if you have:

- A Bachelor **degree from a university / university of applied sciences in Electrical Engineering** or comparable
- **1-3 years proven hands on work experience** in electrical engineering laboratory environment, including using lab equipment
- **Profound knowledge of semiconductors**, especially Power MOSFETs preferable
- **Experience in analysis of measurement data** and presentation of results for internal and external stakeholders
- **Capability to work independently** and provide guidance for teammates
- **Programming skills** in C, C++, Visual Studio, Matlab, PCB Design (Allegro, Altium Designer)
- **MS Office skills**

At a glance

Location:

Job ID: **HRC0930053**

Start date: **Oct 01, 2024**

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. Alternatively, you can also scan the QR code with your smartphone:

Job ID: **HRC0930053**
www.infineon.com/jobs



Contact

Melanie Happerger, MSc
Recruiter



- **Ability to explain technical concepts** to non-technical stakeholders, ensuring understanding and buy-in.
- **Capability to provide regular, concise project updates** to team members, stakeholders, and PL management
- **Excellent English** and ideally basic German skills

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 (<https://www.feei.at/leistungen/informations-service/mindestloehne-und-gehalter>). 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

#WeAreIn for driving decarbonization and digitalization.

As a global leader in semiconductor solutions in power systems and IoT, Infineon enables game-changing solutions for green and efficient energy, clean and safe mobility, as well as smart and secure IoT. Together, we drive innovation and customer success, while caring for our people and empowering them to reach ambitious goals. Be a part of making life easier, safer and greener.

Are you in?

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

The **PSS division** powers decarbonization and digitalization with a wide range of energy-efficient and digital solutions. PSS semiconductors help avoid carbon emissions, use resources sustainably, manage power effectively and intelligently, give ‘things’ smart senses, and process data quickly and reliably. The portfolio includes power, connectivity, RF, and sensor system technologies to develop smaller, lighter, smarter, and more efficient solutions for consumer devices, smart home/building applications, robotics, computing and data centers, charging devices, power tools, and much more.

The next generation of silicon and wide-bandgap (SiC and GaN) solutions provides unparalleled performance and reliability for 5G, big data, and renewable energy applications. These materials are paving the way for further energy and carbon savings. Highly precise XENSIV sensor solutions are enabling IoT devices to react intuitively to their surroundings for seamless user interactions while audio amplifiers bring exceptional sound experiences to smart speakers and other audio use cases.

[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 4.700 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. 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. 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.

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

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

We are on a journey to create the best Infineon for everyone.

This means we embrace diversity and inclusion and welcome everyone for who they are. At Infineon, we offer a working environment characterized by trust, openness, respect and tolerance and are committed to give all applicants and employees equal opportunities. We base our recruiting decisions on the applicant's experience and skills.

We look forward to receiving your resume, even if you do not entirely meet all the requirements of the job posting.

Please let your recruiter know if they need to pay special attention to something in order to enable your participation in the interview process.

[Click here](#) for more information about Diversity & Inclusion at Infineon.

