

# Driving decarbonization and digitalization. Together.



## Internship: Digital Design and Verification Support (f/m/div)

### Job description

You are a committed master student from the field of Electrical/Electrical Engineering, Technical Mathematics, Information Technology or similar and are looking for a new exciting student job? Infineon Power & Sensor Systems (PSS) delivers future-oriented solutions to provide cutting-edge data transport and to make tools and systems smarter, smaller, lighter and more energy-efficient. Come on board of our growing team in Villach.

In your new role you will:

- Tackle the field of **Acoustic and Ultrasound Sensor Systems**, with the aim of **exploring new opportunities and challenges** in the **conception and design of digital sensors**
- Target **system demonstrators** based on **MEMS** products allowing you to gain experience in **digital hardware design** and **FPGA-based prototyping**
- Participate and contribute to **IC design** and simulation as well as **MEMS development activities** at the edge of current technology in a global semiconductor leader such as ours

### Further Information

Type of employment: Temporary / Full-time (flexible working hours from Monday to Friday between 6 a.m. and 7 p.m.)

Duration: min. 6 months

### Profile

You successfully meet the requirements, if you are a motivated and committed master student from the field of **Electrical/Electrical Engineering, Technical Mathematics, Information Technology** or related studies. You are best equipped for this task if you additionally offer:

- Experience with **digital circuit design, verification, and FPGA-based prototyping**
- Familiarity with **hardware description languages (Verilog or SystemVerilog)**
- Motivation and eager to gain experience and knowledge in the **convergence point of different technical areas**

### At a glance

Location:

Job ID: **HRC0954091**

Start date: **as soon as possible**

Entry level: **0-1 year**

Type: **Full time**

Contract: **Temporary**

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: **HRC0954091**  
[www.infineon.com/jobs](http://www.infineon.com/jobs)

### Contact

**Sabrina Nindler**

Recruiter



- Fluency in **English**, German is a plus

**If desired, this internship can also be a Master's thesis. If this is the case, please note that the thesis should be written in cooperation with a university.**

**Please attach the following documents (German or English) to your application:**

- Motivation letter
- CV
- Certificate of matriculation at a university
- Latest Transcript of records (not older than 6 months)
- Highest completed educational certificate (Matura certificate for Bachelor students, Bachelor certificate for Master students)
- Reference letter (optional)

This position is subject to the collective agreement for workers and employees in the electrical and electronics industry (full-time), employment group B for bachelor students, employment group D for master students (<https://www.feei.at/wp-content/uploads/2023/05/minimum-salaries-white-collar-workers-2024.pdf>).

## 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 –**

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.

### **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.

### **Infineon Hub - Connect. Create. Challenge.**

The iHub at TU Wien represents an inspiring tech platform, networking area and event location, connecting Infineon Austria with tech experts, science specialists and young professionals.

Check out our upcoming events:

[Infineon iHub](#)

