

Driving decarbonization and digitalization. Together.



Internship: Post Silicon Validation for Automotive Microcontroller (f/m/div)

Job description

Are you a student in Engineering and looking for a chance to apply your knowledge? Are you interested in microcontrollers and want to get an opportunity in a multinational high-tech company? In our Lab, we work with a wide range of technical fields, from power (LDOs, DCDC, bandgaps), different types of ADCs, clocking (PLL), PCB design, FPGA emulator to embedded SW, simulation, and debugging. If you are interested in Hardware & Software and enjoy working with lab equipment, this student job is an excellent opportunity!

In your new role, you will:

- Support the validation Team in their **daily tasks**
- Help with the development of **test automation & firmware** for the MCU
- Perform **Analog-Mixed-Signal post-silicon validation** on the MCU
- Review the results with the **technical experts & designers**

Further Information

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

Duration: Min. 6 months

Profile

You are best equipped for this task if you:

- Are studying **Engineering** (Bachelor or Master) or a similar subject
- Are driven by **excellence** and **enjoy being challenged**
- Are familiar with **test equipment** like **Oscilloscopes, Power Supplies, Multimeters**, etc.
- Are familiar with **MCU**
- Have basic knowledge in **Python, C, C#**
- Be **self-driven** and **proactive**
- Have a good command of **English**

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>).

At a glance

Location:

Job ID: **HRC0550369_1**

Start date: **as soon as possible**

Entry level: **0-1 year**

Type: **Full time / Part 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: **HRC0550369_1**
www.infineon.com/jobs



Contact

Lisa Derhaschnig

Recruiter



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

- Motivation letter
- CV
- Certificate of matriculation at a university (you must be enrolled and not on academic leave)
- 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)

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

Driving decarbonization and digitalization. Together.

Infineon designs, develops, manufactures, and markets a broad range of semiconductors and semiconductor-based solutions, focusing on key markets in the automotive, industrial, and consumer sectors. Its products range from standard components to special components for digital, analog, and mixed-signal applications to customer-specific solutions together with the appropriate software.

– 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.

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](#)

