

# Driving decarbonization and digitalization. Together.



## Working Student: R&D on Microelectromechanical System (MEMS) Sensors (f/m/div)

### Job description

We are one of the 15% most sustainable companies in the world. Be part of our Power & Sensor Systems (PSS) team and meanwhile help us to make life easier, safer and greener. We are looking forward to your application!

- **Reliable work:** You support in the environmental and electrical characterization of MEMS chips and packaged sensors
- **Take responsibility:** You conduct experiments under different environmental conditions with both MEMS chips and packaged sensors
- **Experience research:** You are involved in the development of test /characterization setups
- **Identify needs:** You carry out performance and reliability evaluations of chip-level and packaged sensors
- **Data is everything:** You create report and documentation of the respective results, including their analysis

### Profile

- **Study field:** You are currently studying Electrical Engineering, Mechanical Engineering, Microsystems, Microelectronics, Nanotechnology, Physics, Chemistry or similar field of study
- **Experience:** You have already gained practical laboratory experience (experience on environmental testing including pressure, temperature, humidity, optical microscopy, and electrical measurement would be a benefit)
- **Skills:** You are experienced working with tools for data processing, analysis and graphing or are eager to learn it
- **Personality:** You have the ability to analyze and solve problems systematically and have great affinity for technical R&D topics
- **Way of working:** You work proactively and are a good team player with excellent interpersonal skills
- **Language skills:** You have excellent English skills, both written and spoken

Please attach the following documents to your application:

- CV in English
- Certificate of enrollment at university

### At a glance

Location:

Job ID: **HRC0779773**

Start date: **Jul 01, 2024**

Entry level: **0-1 year**

Type: **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: **HRC0779773**  
[www.infineon.com/jobs](http://www.infineon.com/jobs)



### Contact

**Luca Schulte**  
Recruiter



- Latest grades transcript (not older than 6 months)
- High school report

Important information:

- **Working part-time:** The focus is on studies. Therefore, working student is possible during the lecture period with a maximum of 20 hours per week.
- **Proper students (according to the German law) are welcome:** You must be enrolled and the examination results or modules of your studies must not have been completed yet, so that you can still work in our team for at least 6 months. You must also not be in a semester of leave.
- **You should live close to the site:** It is important for us to work with you on site and to integrate you into the team. You should therefore be able to come to the site regularly.

## Benefits

- **Munich:**

## Why Us

**Further links:**

[Find out](#) what we are looking for in your CV

[Find out](#) how the student application process works with us

[Discover](#) our student website

**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.

**–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.

**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.

