

# Driving decarbonization and digitalization. Together.



## Process Development Engineer – Semiconductor Technology (f/m/div)

### Job description

Infineon is strengthening its outsourced backend manufacturing footprint in Porto alongside with Amkor and we have just the right opportunity for you! If you consider yourself a passionate engineer looking to kick-start your career in process development and contribute to cutting-edge technologies then join us in Porto!

In this role you will be able to take a unique opportunity to participate in a comprehensive up to 1-year training assignment located in Germany to gain invaluable hands-on experience and knowledge of processes while actively contributing to exciting automotive technology projects. Upon completion of the program, you will play a key role in the realization of a high-volume production line at our state-of-the-art facility in Porto.

In your new role you will:

- Be **responsible for the development of processes** for new derivatives in **semiconductor manufacturing** within part of our innovation strategy
- **Handover** of fully **characterized and well documented process to production** within technology projects and continuous **production support for problem solving** and **cost improvement activities**
- Specify **equipment requirements, driving equipment buy-off** and release in close **cooperation with production**
- **Conduct analysis and optimization of process parameters** to improve quality and efficiency using tools such as **SPC, FMEA, APC, 8D, Six Sigma and DoE**
- **Participate as a technical expert in interdisciplinary and cross-site project teams** for the development of new products and to address technological challenges

### Profile

You are an energetic, goal-oriented person who remains focused on quality, even when under pressure. You have an autonomous and methodic working style and a strong critical thinking that allows you to come up with and implement corrective actions. Moreover, you communicate clearly and efficiently, cooperating as a team player thus establishing good relationships and contributing to a great team environment.

You are best equipped for this task if you have:

- A **university degree** in a scientific or technical field such as **physics, mechanical, electrical or microsystems Engineering** or related fields

### At a glance

Location:

Job ID: **HRC0801222**

Start date: **Oct 01, 2024**

Entry level: **0-1 year**

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: **HRC0801222**  
[www.infineon.com/jobs](http://www.infineon.com/jobs)

### Contact

**Ana Rita Costa**  
Recruiter



- Basic knowledge in **process development, characterization, and optimization of electrical devices**, ideally acquired through studies or relevant internships
- Ideally, **initial professional experience in the electric/electronic industry** or in **research and development**
- A **good team spirit** with the **ability to work on an international level**
- Willingness to be **internationally mobile** and to **work in an intercultural environment**
- **Fluency in English** (mandatory). German would be a plus

Please send us your CV in English.

## 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.

### **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.

