

# Driving decarbonization and digitalization. Together.



## Senior Engineer - Digital Functional Verification

### Job description

Are you up for a new challenge? We are currently seeking a Digital Functional Verification Engineer who will be responsible for ensuring the verification quality of IP and SoC modules. By executing verification tasks and test suites based on design specifications, you will play a crucial role in delivering digital systems that meet the highest standards of quality and reliability. This is a chance to put your skills and expertise to the test in an exciting and dynamic work environment.

In your new role you will:

- Be responsible for **verification quality of IP and SoC modules**
- **Execute verification tasks** and **test suites** based on design specification
- **Analyze simulation and regression results**
- Support and work closely with Digital Verification leads on **self-checking test benches** using modern verification techniques based on System Verilog and UVM methodology
- **Support Digital Verification leads** in defining new trends of verification methodologies and flows

### Profile

You are best equipped for this task if you have:

- A degree in Electrical Engineering, Information Technology or comparable with focus on electronics
- **At least 2-3 years of work experience in digital verification within the semiconductor industry**
- Proven knowledge of **System Verilog and UVM, VHDL or Verilog** – Formal verification would be plus
- **Have good programming skills, e.g. in C++, Python or Perl, as well as good Linux skills**
- Fluent communication in English language

### 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

### At a glance

Location:

Job ID: **HRC0781097**

Start date: **as soon as possible**

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: **HRC0781097**  
[www.infineon.com/jobs](http://www.infineon.com/jobs)



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.

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.

