

Driving decarbonization and digitalization. Together.



Principal Verification Engineer (f/m/div)

Job description

We are looking for a talented Principal Verification Engineer to join our dynamic and experienced team and help us achieve our mission of excellence.

As a Principal Verification Engineer, you will be responsible for verifying digital designs for IPs in Automotive microcontroller, you will also take over the IP verification. In your new role you will:

- Be responsible for the verification of digital designs for security IPs in Automotive microcontroller;
- Take over the IP verification (Formal, System Verilog/UVM and/or Specman/e);
- Analyze and review IP and product specifications for building verification concepts and verification plans;
- Focus on verification plan and testbench development;
- Proactively drive the improvement of existing verification flows and methodologies;
- Work in close collaboration with architects to improve IP specifications;
- Help to increase efficiency of verification activities and support pro-active risk management.

Profile

Do you have a structured work style and demonstrate high-quality standards for yourself and other people? Are you a true team player? Do you set the direction in your field of expertise and cooperate across boundaries by recognizing and using different areas of expertise and skills of the team members? Do you enjoy developing your knowledge and skills and motivate yourself and others to achieve top performance? So, this is the right job to apply!

You are best equipped for this task if you have:

- A degree in Electrical Engineering, Computer Science or a related technical field
- At least 6 years of relevant working experience in digital verification
- Experience in development of verification environments and methodologies at IP and subsystem level
- Extensive knowledge of System Verilog/UVM, Specman /e and formal verification
- Microcontroller knowledge and automotive application knowhow such as deep knowledge in design and implementation of security IP's
- Knowledge in Automotive standards (e.g. ISO 26262 and ISO 21434) and Microcontroller is highly appreciated

At a glance

Location: **Dublin (Ireland)**
Job ID: **HRC0612978**
Start date: **as soon as possible**
Entry level: **5+ 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: **HRC0612978**
www.infineon.com/jobs



Contact

Carlos Ribeiro
Recruiter



- Experience of working in a collaborative environment such as willingness to challenge yourself and the team in order to deliver products to market in a fast-moving industry
- Excellent verbal and written English communication skills

Please send us your CV in English.

Benefits

- **Dublin:** Coaching, mentoring networking possibilities ; Wide range of training offers & planning of career development; Different career paths: Technical Ladder, Management & Individual Contributor; Flexible working conditions; Medical coverage; Health promotion programs; On-site Kitchen available ; Company Sick Paid Leave Scheme; Company Pension Scheme ; Annual Success Bonus Scheme; Monthly Commuter Ticket fully expensed by Company ; Accessibility, access for wheelchairs ; Possibility to work remotely from abroad (EU)

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.

