



Functional Verification Engineer for Connected Secure Systems (f/m/div)*

Job description

Are you passionate about innovation and creativity? Do you want to actively contribute to the development of next generation products? Then join a stimulating career opportunity as Functional Verification Engineer for Connected Secure Systems in Bucharest. Together with our team of experts you will be able to continually expand your expert knowledge, puzzle over matters and solve problems – thus helping our products have a great impact in our future lifestyles.

As a Functional Verification Engineer you will be responsible for reporting, tracking and closing of the issues found in the design. Moreover you will work closely with design team to ensure that exhaustive verification design & verification goals are achieved.

In your new role you will:

- **Define the verification strategy** (e.g. verification plan) based on the HW Specification.
- **Build the verification environment following the verification methodologies** (i.e. UVM, eRM).
- Implement the **verification components for driving, monitoring and checking different communication protocols**.
- **Implement the verification model** of the DUT.
- **Develop test scenarios and functional coverage** based on the verification plan.

Profile

You demonstrate strong communication skills, know how to establish lasting relationships and networks, clarify areas of responsibility, coordinate your work with colleagues, and regularly share your insights with them. You actively contribute to putting decisions to work as soon as they are taken and push ideas to their full implementation and application by supporting the team to excellence.

You are best equipped for this task if you have:

- A university degree in **Electrical/Electronic Engineering, Computer Science** or equivalent field.
- At least **5 years of experience in verification environment**.
- Proven experience within a **High Level Verification Language (System Verilog /Specman)**.

At a glance

Location: **Bucharest (Romania)**
Job ID: **330719**
Start date: **as soon as possible**
Entry level: **5+ years**
Type: **Full time**
Contract: **Permanent**

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Contact

Diogo Venâncio
Talent Attraction Manager



- Good understanding of **Verilog/VHDL** and the ability to debug digital circuits on RTL and gate level.
- Knowledge of **ARM processor architecture** (e.g. AMBA protocols, programming).
- **Familiarity with microcontroller basics** (e.g. structure, components, applications).
- Knowledge of **Object Oriented Programming (e.g. C/C++)**.
- Familiar with a scripting language (e.g. **TCL, bash, perl, Python**).
- **Good command of English Language**.

Benefits

- **Bucharest:** 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 hours at many sites; Home office options; Medical coverage; Health promotion programs; On-site gym with special rates; On-site canteens; Wage payment in case of sick leave based on applicable law; Corporate pension benefits for engineers; Performance bonus options; Accessibility, access for wheelchairs

Why Us

Part of your life. Part of tomorrow.

We make life easier, safer and greener – with technology that achieves more, consumes less and is accessible to everyone. Microelectronics from Infineon is the key to a better future. Efficient use of energy, environmentally-friendly mobility and security in a connected world – we solve some of the most critical challenges that our society faces while taking a conscientious approach to the use of natural resources.

– *Connected Secure Systems (CSS) delivers security for the connected world* –

The Connected Secure Systems (CSS) segment offers comprehensive systems for a secure, networked world with a portfolio built around reliable, trendsetting microcontrollers as well as wireless connectivity and security solutions. Over the past decades, CSS has developed microcontroller, Wi-Fi, Bluetooth and combined connectivity solutions (known as connectivity combos) and hardware-based security technologies. The products are used in a broad range of applications: from consumer electronics, IoT and home appliances to IT equipment, cloud security and networked cars all the way to credit and debit cards, electronic passports and IDs. With its leading technologies in the areas of computing, connectivity and security, CSS makes a decisive contribution to protecting today's and tomorrow's networked systems.

[Click here](#) for more information about working at CSS with interesting employee and management insights and an overview with more #CSSDreamJobs.

* The term gender in the sense of the General Equal Treatment Act (GETA) or other national legislation refers to the biological assignment to a gender group. At Infineon we are proud to embrace (gender) diversity, including female, male and diverse.

