



## Specialist Analog and Mixed-Signal Verification (f/m /div)\*

### Job description

Are you a proactive, communicative person who enjoys problem-solving? Do you thrive while using your programming skills and learning about technical topics? Then, you must join Infineon – the global leader in power semiconductors – as a Specialist in Analog and Mixed-Signal Verification in Pavia!

As a Specialist in Analog and Mixed-Signal Verification, you will be responsible for testing and verifying IC block and top level schematics, implement behavioral models and ensure these are matching requirements.

In your new role you will:

- Support the **top-level functionality and performance verification** of IP blocks and ICs;
- Drive the **system-level model verification plan** and ensure its complete and correct execution;
- **Integrate the AMS verification tool package with behavioral models** in order to achieve T.O. sign-off;
- Align and track the **implementation of test-benches and stimuli generation** according to the verification plan;
- **Shape the verification methodology** in close cooperation with the Application, Concept and Design Engineers;
- **Report and communicate proactively** about status, risks and issues towards the Technical Coordinator and Project Management.

*Please note that we offer a permanent external contract with potential future conversion into a permanent one directly with Infineon.*

### Profile

You have a proactive personality and the ability to solve problems in an efficient way. You enjoy learning from others and are able to exchange information openly and clearly. Moreover, you are also looking forward to working in an international and stimulating environment.

You are best equipped for this role if you have:

- A Master **degree in Electronic Engineering, Computer Science** or similar field of studies;

### At a glance

Location: **Pavia (Italy)**  
Job ID: **72452**  
Start date: **as soon as possible**  
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:

Job ID: **72452**  
[www.infineon.com/jobs](http://www.infineon.com/jobs)

### Contact

**Cláudia Rodrigues**  
Talent Attraction Manager



- **Programming skills** with C/C++, Python or Perl;
- Experience in analog/mixed-signal IC or SoC verification is an advantage;
- Knowledge of **Cadence tools**, such as Virtuoso, AMS Designer, Spectre, Xcelium or Incisive;
- Experience with **behavioral and real-number modelling languages**, such as Verilog-A, Verilog-AMS, SystemVerilog, VHDL and SystemC;
- Knowledge of **analog and digital design fundamentals**;
- **Fluency in English**.

*We encourage you to apply independently of your background. We are happy to support your development if you do not fulfill all requirements.*

## Benefits

- **Pavia:** 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 Time; Part-time work possible; Medical coverage; On-site canteen; Wage payment in case of sick leave; Supplementary pension fund (on individual request); Performance bonus; Accessibility, access for wheelchairs

## Why Us

**Part of your life. Part of tomorrow.**

Infineon is a world leader in semiconductor solutions that make life easier, safer, and greener. Our solutions for efficient energy management, smart mobility, and secure, seamless communications link the real and the digital world.

### – Industrial Power Control (IPC) empowers a world of unlimited green energy –

Power semiconductors play a crucial role in increasing efficiency and reducing energy losses along the whole energy conversion chain.

As the global leader in power semiconductors, Infineon **IPC** delivers pioneering products, solutions and services for smart and efficient energy generation, transmission, storage, and use. We strive to make this planet a greener place where sufficient energy is accessible to everyone – wherever and whenever it is needed.

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

*\* 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.*

