



## Senior Staff Engineer Analog and Mixed-Signal Design (f/m/div)\*

### Job description

Do you want to be part of Infineon's success story and growth at our R&D Center in Pavia? Do you want to develop yourself in a collaborative environment and play a crucial role in the #1 supplier of gate drivers? Then, you cannot miss this opportunity! Apply now to become a Senior Staff Engineer Analog and Mixed-Signal Design.

As a Senior Staff Engineer Analog and Mixed-Signal Design, you will design ICs that meet the required performances in the Gate Driver Development group.

In your new role you will:

- Contribute to **product feasibility studies and product definition**;
- Support the **preparation of product verification, evaluation plans** as well as work in defining the product test plan;
- Collaborate with Layout Engineers and **perform layout reviews**;
- **Simulate circuits and guarantee documented compliance** with specification pre- and post- layout;
- Generate **design documentation reports** and participate in design reviews;
- Support or perform **product verification and debugging** tasks with electrical measurement on the bench;
- **Cooperate with Test Engineers** in reviewing test results, statistical distribution and yield, identifying cost improvement measures and opportunities.

### Profile

You have a process oriented working style and the ability to be flexible even in a complex environment. You are proactive and analyze issues from different perspectives. Furthermore, you are a team player with strong communication skills that support your ability to establish lasting relationships with others.

You are best equipped for this job if you have:

- A **Master degree in Electronic Engineering** or equivalent field with specific **knowledge of microelectronic devices and related analog circuit design**;
- More than 5 years of **experience in Analog and Mixed-Signal IC Design**;
- **Background on CMOS/Bipolar technology** and related physics – knowledge of HV technologies and power devices is a plus;
- Excellent **understanding of basic IC building blocks**, such as voltage regulators, amplifiers, charge pumps, AD/DA conversion, oscillators, etc.;

### At a glance

Location: **Pavia (Italy)**  
Job ID: **348918**  
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:

Job ID: **348918**  
[www.infineon.com/jobs](http://www.infineon.com/jobs)

### Contact

**Margarida Carneiro**  
Talent Attraction Manager



- Experience with **Cadence IC design tools**, such as Virtuoso, Composer, Spectre, etc.;
- Experience **writing reports and technical documentation**;
- **Fluency in English**.

## 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 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 leading products and solutions for smart and efficient energy generation, transmission and consumption. We strive to make this planet a greener place where sufficient energy is accessible to everyone – wherever and whenever they need it.

[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.*

