



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

### Job description

Do you want to develop power integrated circuits and smart switches for the Automotive industry? Infineon is the #1 semiconductor partner for this industry and you don't want to miss this chance to join us! Apply now to become a Senior Engineer Analog and Mixed-Signal Design in Provence.

As a Senior Engineer Analog and Mixed-Signal Design, you will be in charge of developing power integrated circuits (ICs) and more specifically smart switches for the automotive market. You will be part of a highly skilled team in constant interaction with other teams across R&D.

In your new role you will:

- **Design quality, robust, and innovative ICs** following the development process flow;
- Be responsible for **reviewing and analyzing product requirements**;
- Support **pre-silicon verification** at block level according the design flow;
- Document and present in **detail the performance of your design**;
- Be responsible for **guiding Layout Engineers** and **mentoring junior designers**;
- Be involved in the **verification plan creation** and **IC debugging** in the lab;
- Support **troubleshooting** the root cause of issues.

### Profile

You demonstrate strong communication skills, both verbally and in writing. You are a team player and take responsibility and ownership for your own work. Furthermore, your creativity and problem-solving skills help you find new ideas and come up with innovative solutions.

You are best equipped for this job if you have:

- A **Master Degree in Microelectronics, Electronic Engineering** or equivalent field of studies;
- At least 5 years of **experience as an analog/mixed-signal designer** with **solid knowledge in power electronics and physics of semiconductor** devices;
- Experience with **Cadence tools for mixed-signal IC design** and layout tools;
- Strong **analog layout knowledge** and parasitic component understanding;
- **Fluency in English and French.**

### At a glance

Location:	<b>Provence (Le Puy ste Réparate) (France)</b>
Job ID:	<b>328694</b>
Start date:	<b>immediately</b>
Entry level:	<b>5+ years</b>
Type:	<b>Full time</b>
Contract:	<b>Permanent</b>

Apply to this position online by following the URL and entering the Job ID in our job search:

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### Contact

**Margarida Carneiro**  
Talent Attraction Manager



It would be an advantage if you have experience with:

- Design for EMC/ESD;
- Thermal aspect related to package and power design;
- Vertical Technology IC Design;
- Automotive and functional safety;
- Automotive standards, such as ISO 26262, AEC-Q100, IATF 16949;
- V-Model product development lifecycle.

