



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:	Provence (Le Puy ste Réparade) (France)
Job ID:	330994
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: **330994**
www.infineon.com/jobs

Contact

Diogo Venâncio
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.

Benefits

- **Provence (Le Puy ste Réparade):** 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 conditions; Part-time work possible (also during parental leave); Medical coverage; On-site social counselling and works doctor; On-site gym, only available in St. Denis; On-site canteen, only available in St. Denis; Wage payment in case of sick leave; Corporate pension benefits; Performance bonus; Reduced price for public transport in Paris. Only available in St. Denis

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.

** 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.*

