

# Driving decarbonization and digitalization. Together.



## Student Job: Analog IC Design (f/m/div)

### Job description

Are you looking for an opportunity to kick-off your career in an innovative company? Do you want to drive the development of new automotive solutions within an international environment? Then this is the opportunity that you are looking for: apply now and join our team in Provence!

As an Analog/ Mixed-Signal working student, you will support our team in developing power-integrated circuits (ICs) for the automotive market. You will be part of a highly skilled team in constant interaction with other groups across R&D.

In your new role you will:

- Work with **Analog and Digital IC design industry experts**;
- **Document and present** in detail **the performance of your design**;
- **Support pre-silicon verification** at block and/or top level according to the design flow;
- Support the **review** and **analysis** of the product's requirements;
- Be involved in **IC debugging in the lab**.

### Profile

You have a proactive personality and are a great communicator, willing to actively support and collaborate with your team members. You thrive in an international environment and are always looking for opportunities to develop your skills.

You are best equipped for this task if you:

- Are a **Master's degree Student in Electronics**;
- Have **team spirit, good communication** and **organizational skills**;
- Are willing to work in an **international environment**;
- Are **fluent in English**.

It would be an advantage if you have:

- Experience using **Cadence** tools for mixed-signal IC design and layout tools;
- Experience with **Unix/Linux** shell commands and editors;
- Experience with **simulator** (ELDO, Spectre, etc.);
- Experience with **HDL** (System Verilog, VHDL, etc.), python;

### At a glance

Location:	<b>Provence (Le Puy ste Réparate) (France)</b>
Job ID:	<b>HRC0880258</b>
Start date:	<b>as soon as possible</b>
Entry level:	<b>0-1 year</b>
Type:	<b>Full time / Part time</b>
Contract:	<b>Temporary</b>

Apply to this position online by following the URL and entering the Job ID in our job search. Alternatively, you can also scan the QR code with your smartphone:

Job ID: **HRC0880258**

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### Contact

**Catarina Meireles**  
Recruiter



- Knowledge in **Analog, Power electronics and Physics of semiconductor devices.**

## Benefits

- **Provence (Le Puy ste Réparate):** 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); On-site social counselling and works doctor; Health promotion programs; On-site gym; On-site canteen; Wage payment in case of sick leave; Corporate pension benefits; Performance bonus; Reduced price for public transport; Accessibility, access for wheelchairs; Possibility to work remotely from abroad (EU)

## Why Us

### **Driving decarbonization and digitalization. Together.**

Infineon designs, develops, manufactures, and markets a broad range of semiconductors and semiconductor-based solutions, focusing on key markets in the automotive, industrial, and consumer sectors. Its products range from standard components to special components for digital, analog, and mixed-signal applications to customer-specific solutions together with the appropriate software.

### **– Automotive (ATV) shapes the future of mobility with micro-electronics enabling clean, safe and smart cars –**

Semiconductors are essential to realize key trends like eMobility, automated driving and secure, connected cars. Infineon ATV is the #1 semiconductor partner in the fast-changing automotive world, based on our system knowledge coupled with our passion for innovation and quality. We are a key driver in the ever-advancing pace of digitalization in the automotive industry

### **We are on a journey to create the best Infineon for everyone.**

This means we embrace diversity and inclusion and welcome everyone for who they are. At Infineon, we offer a working environment characterized by trust, openness, respect and tolerance and are committed to give all applicants and employees equal opportunities. We base our recruiting decisions on the applicant´s experience and skills.

We look forward to receiving your resume, even if you do not entirely meet all the requirements of the job posting.

Please let your recruiter know if they need to pay special attention to something in order to enable your participation in the interview process.

[Click here](#) for more information about Diversity & Inclusion at Infineon.

