

Driving decarbonization and digitalization. Together.



Analog CAD/EDA Engineer (f/m/div)

Job description

Are you an aspiring engineer seeking an opportunity with a leading Semiconductor Company? Do you want to join our Research and Development (R&D) center in Padova and contribute to the development of cutting-edge Automotive applications? We are seeking an Analog CAD/EDA Engineer who is passionate about working with EDA tools and has a keen interest in Analog Design. This role offers the chance to be part of a dynamic, multinational team of experts. So, take the first step towards becoming an essential member of our innovative and collaborative work environment by applying now!

As an Analog CAD/EDA Engineer, you will provide 1st level design support and consultancy to our internal R&D IC Designers for daily issues related to the development flow and related software tools and methodologies, to improve the quality, efficiency, and time to market of our development projects.

In your new role you will:

- **Support the R&D team** in Padova in their everyday complex situations related to the **IC development flow and related software tools and methodologies**;
- **Implement timely project-specific solutions** like workarounds and bug fixes where needed and **communicate larger issues to the 2nd level of support** within the company or involve EDA vendors;
- **Act as the link between central CAD, IT and the design community**: help users adapt to new design methodologies and derive requirements to improve existing methodologies in close cooperation with methodology owners and IT;
- Proactively **address chip design projects to foster effective application of design methodology, EDA Tools, and effective usage of the IT compute farm**;
- **Expand your knowledge through training and close collaboration with the CAD support community**.

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

Profile

You are committed to creating added value for our internal customers using your excellent communication skills. Furthermore, you are eager to learn new topics and proactively share your knowledge within an international and diverse environment. You are open-minded, supportive, and people oriented.

You are best equipped for this task if you have:

At a glance

Location:

Job ID: **101976**

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. Alternatively, you can also scan the QR code with your smartphone:

Job ID: **101976**
www.infineon.com/jobs



Contact

Ana Rita Costa
Recruiter



- A **degree in Electrical Engineering, Physics**, or similar field of studies;
- **Experience in analog design, and with EDA tools from Cadence:** virtuoso, spectre, schematic and layout entry is preferred;
- Experience with **scripting languages** like **Python, Perl or TCL**;
- Expertise using **Unix/Linux and Data Management** (e.g. perforce, clear case, git);
- **Fluency in English** (mandatory). Italian is a plus.

Please note that we also welcome applications from more experienced industry professionals.

Please send us your CV in English.

Benefits

- **Padua (Padova):** 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; Corporate pension benefits; Performance bonus; 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 microelectronics enabling clean, safe, and smart cars –

The **ATV division** is shaping the future of mobility by enabling clean, safe, and smart cars. Its product and solution offering is powering the decarbonization and digitalization of vehicles. By driving the transition to hybrid and purely electric vehicles, ATV is making a valuable contribution to cleaner roads. ATV is also increasingly digitalizing cockpit, infotainment, comfort, and lighting applications as it takes automated driving to the next stage with higher levels of connectivity, security, and safety.

The ATV portfolio integrates sensors, microcontrollers, high-performance memories for specific applications, power semiconductors based on silicon and silicon carbide, as well as components for human-machine interaction and vehicle connectivity. Infineon is the world leader in automotive semiconductors.

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

– At our R&D center in Padova we develop next generation Automotive applications –

In Padova we combine Italian creativity with German operational excellence to develop innovative semiconductor solutions for clean, safe and smart cars.

Here you will find a dynamic team made of highly skilled professionals from 15 different countries, who combine the experience of the senior engineers with the energy of young graduates.

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.

