# Driving decarbonization and digitalization. Together.

# Analog IC Designer (f/m/div)

## Job description

Infineon has acquired the Zurich-based startup 3db Access AG, a pioneer in secured low power Ultra-Wideband (UWB) technology and already today a preferred IP provider for major automotive brands. This acquisition further strengthens Infineon's portfolio for secured smart access, precise localization and enhanced sensing. As a result, we are strengthening and expanding our team in Switzerland. Do you have a passion for technology and want to work with the technological advancements of the future? At Infineon, we are highly aware that valuing and appreciating each and every employee's work is the cornerstone of our success. If you are able to promote commitment and drive innovation – this is for you! Apply now to become our Analog IC Designer in our growing team in Switzerland.

As an Analog IC Designer, you will be working in a multicultural team with extensive experience in RF and digital communication design. You will have the chance to contribute to a full transceiver chip in an advanced technology node.

In your new role you will:

- **Develop Analog/Mixed-Signal circuits** for UWB transceivers in CMOS technology
- Be responsible for **analog circuit design** for integrated circuits in **modern CMOS technologies**
- Handle **independent design and simulation of circuit blocks** (e.g. VGA, common-mode feedback loops, buffers, biasing)
- Be responsible for **concept development for circuit architectures**
- Be responsible for **verification of circuits** at the module and system levels
- Work on the **documentation and review of circuits** and **verification results**

## Profile

Although you are able to develop your tasks independently, you work effectively as part of a global team, always being willing to both give and take help when necessary. Your proactive personality allied with your excellent communication skills allow you to solve problems in an effective way and mitigate risks early. Your track record in taking projects to completion is supported by your ability to take ownership and deliver to agreed specification and schedule. Furthermore, you have a detail-oriented mindset and enjoy driving innovation.

You are best equipped for this task if you have:

- **Master's degree or Ph.D. in Electrical Engineering**, preferably with specialization in **Microelectronics**

## At a glance

| | |
|---|---|
| Location: | |
| Job ID: | HRC0704966 |
| Start date: | **as soon as possible** |
| Entry level: | **1-3 years** |
| 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: **HRC0704966**
www.infineon.com/jobs



## Contact

**Cláudia Rodrigues**
Recruiter

- At least **2 years of experience in designing analog circuits** (focus on RF circuits for wireless communication and know-how in ADPLLs would be a plus)
- Experience with **PMUs, VGAs and Wide Bandgap technologies** would be a plus
- Familiarity with **Deep Submicron CMOS Technologies**
- Proficiency in using **EDA tools** such as Cadence
- Strong **mathematical, statistical, analytical, and conceptual skills**
- **Precise and clear documenting methodology** with excellent written expression
- Excellent spoken and written **communication skills in English**

**Please send us your CV in English**

## 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.

**– Connected Secure Systems (CSS) is at the heart of the IoT –**

The CSS division provides end-to-end systems for a connected, secured world – building on trusted, game-changing microcontrollers as well as wireless and security solutions. CSS delivers microcontrollers plus Wi-Fi, Bluetooth® and combined connectivity solutions (known as connectivity combos) along with hardware-based security technologies to power the broadest application spectrum spanning consumer electronics, IoT devices, cloud security, IT equipment, home appliances, connected cars, credit and debit cards, electronic passports, ID cards, and more. The division is at the forefront of computing, wireless connectivity, and trusted technologies that are helping to securely connect the networked systems of today and tomorrow.
Click here for more information about working at CSS with interesting employee and management insights and an overview with more #CSSDreamJobs.

**– At our R&D center in Zurich we develop next generation UWB solutions –**

**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.