



Analog Design Engineer (f/m/div)*

Job description

Are you a creative analog designer who is eager to develop leading-edge products on a wide range of applications from Internet of Things/Wearables to Automotive? You have a strong team player mindset, enjoying collaborations with colleagues from different departments? Here at Infineon we empower you to take your career to the next level, by offering you the right development environment and all the resources you need to use your skills and achieve top results. Don't miss out on this chance: as an Analog Design Engineer at Infineon Ireland, you will put your creativity into practice and develop products that make a significant contribution to a smarter world!

As an Analog Design Engineer you will contribute to solve cross-functional technical issues with system architecture, technology development, modeling, product engineering, and applications groups. You will support the development of product differentiating Human-Machine-Interface IP for several markets including Automotive, Home Appliance and Internet of Things/Wearables.

In your new role you will:

- **Design and verify state-of-the-art analog circuits** achieving high performance, low power, and efficient implementation;
- **Work with architects and system engineers** to define IP specifications;
- **Supervise layout designers** to implement circuit designs with best-practice layout techniques;
- **Support IP characterization** into high volume production;
- Be responsible for the **design and development of capacitive sensing IP** such as Touch Screen Controllers, Fingerprint Controllers and Capacitive Sensing Controllers.

Profile

You are a passionate and innovative person, who is able to solve problems quickly and precisely. Moreover, you are a team player who demonstrates strong communication skills and knows how to establish lasting relationships and networks. You actively contribute to putting decisions to work as soon as they are made and push ideas to their full implementation and application by supporting the team to excellence.

You are best equipped for this role if you have:

- A **University Degree** in **Electronic/Computer Engineering**;
- At least **5 years of industry experience**;
- Extensive **experience with various analog circuits** (sensors, switched-capacitor, ADCs, DACs, Delta-Sigma, high voltage circuits), including definition, design, verification, and characterization;

At a glance

Location: **Cork**
Job ID: **CY23923**
Start date: **immediately**
Entry level: **5+ years**
Type: **Full time**
Contract: **Permanent**

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Contact

Ana Lúcia Martins



- Proven expertise in **Silicon product development** preferably in the human-machine interface space;
- Experience with **high-speed Phy interface design** is also an advantage;
- A **deep understanding of analog IP** development, chip integration, floor planning, timing analysis, physical design, and mixed-signal verification;
- The ability to work as an individual and as part of a team to **deliver complex IPs** starting from the creation of the spec, design, verification, and finally high volume productization;
- As an experienced Analog Designer, an important part of your work will be mentoring and coaching junior engineers on analog design best practices. At Infineon the career development of our designers is very important;
- Fluency in **English**.

[You can find out more about this job here](#)

: [Analog Design Engineer](#)

