



Staff Analog Design Engineer (m/f/div)*

Job description

Are you able to collaborate across boundaries and coordinate between various stakeholders? Then take the chance and come on board! We have an opportunity for you as Staff Analog Design Engineer! Joining us you will be part of an international team, working in close cooperation with our design teams to achieve verification goals, thus ensuring design and execution quality.

As a Staff Engineer Electrical Design you will be a key part of the design of analog IPs that drive and support HMI and Programmable System on Chip (PSoC) devices. You will be part of a dynamic and experienced team and your technical knowledge will lead us to the next level in our mission of excellence.

In This Role, You Will

- Play a key role in the development of HMI and PSoC solutions for the next generation of Infineon products;
- Design and verify analog circuits achieving high performance, low power, and efficient implementation;
- Work with architects and system engineers to define IP and product specifications;
- Supervise layout designers to implement circuit designs with best-practice layout techniques;
- Support IP characterization into high volume production.

The successful candidate will have a proven track record in low power, high performance IC design in CMOS.

Profile

You are best equipped for this role if you have:

- Bachelor/Masters/PhD Degree in **Electrical Engineering** or similar field with a focus on electronics;
- **5+ years** industry experience;
- **Experience with various analog circuits** (sensors, switched-capacitor, ADCs, DACs, Delta-Sigma, PLLs, high voltage circuits, OpAmps, bandgaps, LDO's, Oscillators, etc);
- Proven **capability in CMOS product development**;
- A solid **understanding of analog IP development, chip integration, floor planning, physical design, and verification**;

At a glance

Location: **Cork (Ireland)**
Job ID: **353968**
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: **353968**
www.infineon.com/jobs

Contact

Daniela Ferreira
Talent Attraction Manager



- The ability to work both 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 is a strong requirement;
- Strong **communication skills**, working with cross-functional teams around the globe

Experience in Python or a similar scripting language is an advantage

Why Us

Part of your life. Part of tomorrow.

Infineon is a world leader in semiconductor solutions that make life easier, safer, and greener. Our solutions for efficient energy management, smart mobility, and secure, seamless communications link the real and the digital world.

– 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.

IoT Compute & Wireless (ICW)

Secure, low-power microcontrollers; robust Wi-Fi and Bluetooth®; cloud services and easy-to-use software. ICW's solutions are built for IoT. Our solutions, which are found in over four billion products, serve a diverse set of applications – from consumer electronics like smart wearables, cameras, gaming equipment, remote controls and home appliances all the way to connected cars and industrial applications. These embedded IoT solutions provide users with a cutting-edge experience and convenient services.

** 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.*

