



Senior RF Design Engineer (f/m/div)*

Job description

Are you a creative RF 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 a Senior RF Design Engineer at Infineon Ireland, you will put your creativity into practice and give a significant contribution to a smarter world!

As a Senior RF Design Engineer, you will join a team responsible for developing product differentiating IP for several markets in Automotive and Internet of Things/Wearables. We are actively seeking a talented RF designer who wants to join a dynamic and experienced team and take their technical knowledge to the next level in our mission of excellence.

In your new role you will:

- Play a lead role in the **development of wireless solutions** for the next generation of automotive products.
- **Design and verify RF/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.
- **Supervise PCB design** to ensure the highest system performance.
- **Support IP characterization** into high volume production.

The successful candidate will have a **proven track record in low power, low cost RF IC design in CMOS**.

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:

At a glance

Location: **Cork (Ireland)**
Job ID: **333405**
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: **333405**
www.infineon.com/jobs

Contact

Ana Lúcia Martins



- A University Degree in **Electronic/Computer Engineering**.
- **At least 8 years of experience in RF design.**
- **Extensive experience with RF front-end circuits, PA, LNA, mixer, oscillator, PLL, VGA, filter, TIA, etc.**
- Understanding of **CMOS device physics, RF device modeling, device noise parameters, inductor modeling.**
- Experience in **packaging effects, supply isolations, high-frequency ESD structures**, and **circuit layout for optimum RF performance.**
- Understanding of **system specifications and working with product architects to translate product requirements into circuit requirements at IP level.**
- **Good analog circuit design fundamentals**, such as switched-capacitor, ADCs, DACs, Delta-Sigma, OpAmps, bandgaps, LDO's, Oscillators, etc.
- The **ability to resolve cross-functional technical issues with system architecture, technology development, modeling, product engineering, and applications groups.**
- A **deep understanding of RF IP development, chip integration, floor planning, timing analysis, physical design, and verification.**
- 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 production** is a strong requirement.

As an experienced designer, an important part of your work will be **mentoring and coaching junior engineers on RF design best practices**. At Infineon, the career development of our engineers is very important.

In addition, **in-depth knowledge of Bluetooth and Bluetooth Low Energy Standards** is required.

Why Us

Part of your life. Part of tomorrow.

We make life easier, safer and greener – with technology that achieves more, consumes less and is accessible to everyone. Microelectronics from Infineon is the key to a better future. Efficient use of energy, environmentally-friendly mobility and security in a connected world – we solve some of the most critical challenges that our society faces while taking a conscientious approach to the use of natural resources.

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

Semiconductors are essential to realizing 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.

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

Microcontroller

The Infineon business segment MC (Microcontroller) is strongly growing with latest TriCore Microcontroller generation AURIX, offering latest innovation in performance, connectivity, power consumption, safety and security. Furthermore the key application segments are targeting segments with high innovation potential and highest market growth such as Advanced driver Assistant systems. As part of the automotive business unit the focus of MC is on the requirements of the automotive market from motor cycle to truck applications. #AutomotiveMicrocontroller

** 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.

