



## Technical Lead Foundation IP (f/m/div)\*

### Job description

You are a passionate and innovative person, who is able to solve problems quickly and precisely working effectively with both internal and external teams and customers. Moreover, you are a team player who demonstrates direct and open communication skills and knows how to establish lasting relationships and networks. We are currently seeking a Foundation IP Lead who wants to join a dynamic and experienced team and take their technical knowledge to the next level in our mission of excellence.

As a **Foundation IP Lead** you will lead the integration of IOs/Standard Cells/Memories into the next generation of AURIX Microcontrollers. 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 lead role in the **development of Automotive (ATV) Microcontroller (MC) solutions** for the next generation of **AURIX MC automotive products**;
- Work with analog, digital, chip, architecture and project management teams to **define IP and product specifications**;
- Be responsible for **delivery of IP from 3<sup>rd</sup> Party IP (3PIP) companies** and integration into **Infineon CADflow**;
- Be responsible for **co-ordination between 3PIP delivery and product milestone requirements**;
- As an experienced designer, an important part of your work will be **mentoring and coaching junior engineers** on design best practices. At Infineon the career development of our engineers is very important.

### Profile

You are best equipped for this role if you have:

- Bachelor/Masters/PhD Degree in **Electronic/Computer Engineering**;
- **8+ years** industry experience;
- Understanding of **foundation IPs** (e.g., standard cells, IO, PLL designs, process and circuit level Power, Performance, Area, Cost (PPAC));
- Experience **IO/Standard Cells/Memories**;
- Experience engaging with **third party IP providers**;
- Experience engaging with **wafer foundries**, including **platform development kit, design collateral integration and debug, advanced process-design cornering characterizations, foundation libraries design rules, and layout design trends**;

### At a glance

Location: **Cork (Ireland), Dublin (Ireland)**  
Job ID: **337257**  
Start date: **as soon as possible**  
Entry level: **5+ years**  
Type: **Full time**  
Contract: **Permanent**

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Job ID: **337257**  
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### Contact

**Daniela Ferreira**  
Talent Attraction Manager



- Knowledge of **FinFET design**;
- Experience of **IP integration** at chip level;
- Knowledge of **chip integration** view requirements;
- The ability to **resolve cross-functional technical issues** with analog, digital, chip, architecture and project management teams.

## Benefits

- **Dublin:** Coaching, mentoring networking possibilities ; Wide range of training offers & planning of career development; Different career paths: Technical Ladder, Management & Individual Contributor; Flexible working conditions; Medical coverage; Health promotion programs; On-site Kitchen available ; Company Sick Paid Leave Scheme; Company Pension Scheme ; Annual Success Bonus Scheme; Monthly Commuter Ticket fully expensed by Company ; Accessibility, access for wheelchairs

## 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 microelectronics enabling clean, safe, and smart cars –**

Our semiconductors are essential for supporting the automotive megatrends: electromobility, automated driving, connectivity, and advanced security. They link the real and the digital world, driving the ever-advancing pace of automotive digitalization. Infineon **ATV** is the number one semiconductor partner in the fast-changing automotive world, based on our system knowledge and our passion for innovation and quality. [Click here](#) for more information about working at ATV with interesting employee and management insights and an overview with more #ATVDreamJobs.

**Automotive Microcontroller: We make cars clean, safe and smart**

As a leading automotive microcontroller vendor, the Infineon business line **Automotive Microcontroller** (ATV MC) offers the industry's most comprehensive vehicle microcontroller portfolio and complements it with software. We serve automotive key applications, such as powertrain, advanced driver assist, chassis, body, instrument cluster and infotainment. We also address high-performance dependable computing, real-time domain and zone control, smart sensing and affordable artificial intelligence (AI) applications enabling the next stages of automated driving as well as higher levels of car connectivity, digitalization and security.

Being at the core of this transformation, ATV MC contributes to shape the future of mobility enabling clean, safe and smart cars. So join us to create a better future together.

**#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.*

