



Principal MOTIX MCU Concept Engineer (f/m/div)*

Job description

Are you looking for an opportunity to join the exciting technological world of automotive electronics and autonomous driving? Are you enthusiastic about driving innovation for new features and products in the field of Motor Control? Then, seize the chance and join our Body Power team in Bucharest and become our next Principal Concept Engineer.

As a Principal Concept Engineer, you will define the architecture for the future Automotive Body Power products for motor control. Moreover, you will collaborate with colleagues in an open-minded cross-functional team to develop competitive solutions for the global automotive industry. [Click here](#) to know more about our MOTIX products.

In this role you will:

- **Define the future architectures** for new Automotive Motor Control ICs
- **Benchmark product performance** together with product definition teams
- **Collaborate with System Architects and Application Engineers** to define the features and feed new product ideas into the roadmaps
- Perform technical synchronization with lead customers during the Product Definition phase
- **Act as a link between product definition and hardware/software design and verification**
- Perform **peer-review of product architecture, safety concept, hardware/software requirements**
- **Breakdown the architecture into the digital to analog module partitioning**, including digital interfacing, register definition
- Contribute to next generation IPs and predevelopment activities leading to patents

Profile

You are excited about future trends and create the products of tomorrow. You demonstrate strong communication skills and know-how to establish lasting relationships and networks. Over this, you contribute to a good team atmosphere, cooperate across boundaries and appreciate the contributions of other people. In addition, you actively contribute to putting decisions to work as soon as they are taken and push ideas to their full implementation and application by supporting the team to excellence.

At a glance

Location: **Bucharest (Romania)**
Job ID: **349267**
Start date: **as soon as possible**
Entry level: **5+ years**
Type: **Full time**
Contract: **Permanent**

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Contact

Tiago Novais
Talent Attraction Manager



You are best equipped for this task if you have:

- A University degree in **Electrical/Electronic Engineering** or similar
- At **least 5 years** of experience within the semiconductor industry
- Expert **knowledge of digital and mixed-signal design**
- Experience with **ARM® CORTEX® based architecture** and system modeling is beneficial
- Fluent English skills

Benefits

- **Bucharest:**

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.

