



## Lead Principal Engineer System Architect - Energy Storage Systems (ESS) and Uninterruptible Power Supplies (UPS) (f/m/div)\*

### Job description

Are you an expert in "Energy Storage Systems" or "Uninterruptible Power Supplies" applications? Are you looking for a new challenge that enables you to act as a strategic technical decision maker? Now you are working as a project leader, program manager or business developer with a deep technical focus? Besides that you understand the market demands – not only today, but also in the future? As a Lead Principal Engineer System Architect (f/m/div)\*, you will take responsibility for defining future projects and roadmaps focusing on applications like energy storage systems in an international environment. You will be part of a dynamic atmosphere, work cross-functional and build relationships with internal and external business partners. You will contribute to a greener and safer world by improving innovative technologies. With this position you will be entering our „technical ladder“: our career path for experts. You will be able to focus deeply on technology and share innovative ideas – while further pursuing your career. As you continually expand your technical knowledge, you will position yourself as a thought leader. You possess problem solving abilities and will be able to create business value – thus helping our products improve our world a bit more each day.

In your new role as Lead Principal Engineer System Architect (f/m/div)\* in the Business Line IPB within the [Division Industrial Power Control \(IPC\)](#) you will:

- Analyze the **application requirements** derived from the system architectures and contribute technical expertise to the application roadmap
- Identify, evaluate and drive **innovation ideas for system architecture solutions** based on deep application and product understanding as well as technical trend scouting
- Provide **expert application level support** to prepare **design-ins** and understand **worldwide trends** in standardization and assess technical impacts
- **Support the global Application Marketing** teams with interactions with customers in evaluating whether the proposed Infineon solution offering meets customer's application requirements
- Leverage **cross-functional knowledge** to gain **new customers** and **collaborate with global functions** (Application Marketing, Product Marketing, Product Definition Engineering) and R&D within and outside the IPC Division and its Industrial Power and Bipolar business line
- Develop and support the **Sales and R&D organizations** with **training sessions**
- **Represent Infineon** (in terms of application understanding) at technical conferences, trade fairs, standards bodies and industry associations

### At a glance

Location: **Warstein (Germany)**  
Job ID: **346911**  
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: **346911**  
[www.infineon.com/jobs](https://www.infineon.com/jobs)

### Contact

**Johanna Junghoelter**  
Talent Attraction Manager



## Profile

In your daily work you pursue high quality. You have a clear notion of how innovation contributes to the commercial success of the company. Furthermore, you balance the customers' requirements and the interests of Infineon by sharing information comprehensively and effectively. With your excellent network skills and your capability you establish and maintain cross divisional technical networks.

You are best equipped for this task if you have:

- A **University degree** (diploma/masters/PhD) in **electrical engineering, electro-mechanics, physics** or a related field of study
- **10+ years of relevant experience in power electronics** or similar discipline – ideally several years in the "ESS" or "UPS" industry
- Profound **expertise and system understanding** of ESS applications
- **Willingness to travel worldwide** to support customers and conferences as "ESS" application representative for Infineon
- Excellent **English communication skills** and ideally **German skills** – including the ability to negotiate, present and report in a convincing manner

## Benefits

- **Warstein:** Coaching, mentoring networking possibilities; Wide range of training offers & planning of career development; International assignments; Different career paths: Project Management, Technical Ladder, Management & Individual Contributor; Flexible working conditions; Home office options; Part-time work possible (also during parental leave); Sabbatical; Holiday child care; On-site social counselling and works doctor; Health promotion programs; On-site canteen; Private insurance offers; Wage payment in case of sick leave; Corporate pension benefits; Flexible transition into retirement ; Performance bonus; Accessibility, access for wheelchairs

## 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.

**– Industrial Power Control (IPC) empowers a world of unlimited energy –**

Power semiconductors play a crucial role in increasing efficiency and reducing energy losses along the whole energy conversion chain.

As the global leader in power semiconductors, **Infineon IPC** delivers leading products and solutions for smart and efficient energy generation, transmission and consumption. We strive to make this planet a greener place where sufficient energy is accessible to everyone – wherever and whenever they need it.

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

*\* 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.*

