



Senior Staff Engineer SMPS Controller (f/m/div)*

Job description

Infineon stands for innovation, and the products Application Engineering incorporates define our future. In our Power & Sensor Systems Division we are looking for a Senior Staff Engineer SMPS Controller who is responsible for designing and developing reference designs for switched mode power supplies and its end applications. You will work on our innovative power supply controllers for end products like notebook adapters, battery chargers, TV power supplies converting them into more energy efficient and sustainable. Join us now and take part in this journey! With this position you will be entering our „technical ladder”: A special career path for those who share innovative ideas, demonstrate comprehensive technical knowledge, show thought leadership, possess problem solving abilities and are able to create business value.

In your new role you will:

- **Design and develop power supply systems** based on Infineon products for switched mode power supplies
- Provide **technical guidance** to **customers** and **after sales technical support**, typically in alignment with colleagues in application engineering and field application engineering.
- Collect and document **customer's system requirements**
- Support customers with their **system design** and suggest improvements based on their requirements
- Compile **technical presentations** used for product promotions and trainings to customers, distributors and FAEs
- Contribute to **benchmarking product performance** in customers systems including competitor analysis
- Compile **support tools** such as application notes, demo boards and marketing support documentation in support of optimizing product positioning in the market
- **Build relationships** to internal peers in development, marketing, quality, sales, field application engineers as well as to customers and business partners

Profile

As a Senior Staff Engineer SMPS Controller you are personally committed to the customer's concerns and award them a high priority. Furthermore, you take the long-term profitability of your decisions into account and promote an awareness for quality in your area of work. Lastly, you know the factors for successful innovation and foster the necessary conditions.

You are best equipped for this task if you have:

At a glance

Location: **Munich (Germany)**
Job ID: **355153**
Start date: **Sep 01, 2022**
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: **355153**
www.infineon.com/jobs

Contact

Florian Nops
Talent Attraction Manager



- **A degree in electrical engineering** or a similar qualification
- **At least 5 years of experience** in design of SMPS applications
- Good understanding of **SMPS systems and requirements**, deep understanding of **Hybrid-Flyback topology**
- Good understanding of **PCB layout rules for SMPS circuits** and familiar with **PCB layout of SMPS applications**, ideally with Altium Designer
- Familiar with **prototyping, troubleshooting** and **system validation** of power supply systems and very good skills in the **design of wound components** (transformers, inductors...)
- Good understanding of **SMPS related standards**
- Experience with tools like **Simetrix** or other **SPICE based Simulators** as well as **MATLAB** would be a plus
- Good knowledge in **creating presentations** and **technical documentation**
- Good spoken and written **English** skills

Benefits

- **Munich:** 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; On-site creche and kindergarden with 120 spots, open until 6pm; Holiday child care; On-site social counselling and works doctor; Health promotion programs; On-site gym, jogging paths, beachvolleyball, tennis & soccer court; On-site canteen; Private insurance offers; Wage payment in case of sick leave; Corporate pension benefits; Flexible transition into retirement ; Performance bonus; Reduced price for public transport and very own S-Bahn station; 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.

– Power & Sensor Systems (PSS) drives leading-edge power management, sensing, and data transfer capabilities –

Infineon **PSS** semiconductors are enabling intelligent power management, smart sensitivity, and fast, reliable data processing in an increasingly digitalized world. Our state-of-the-art power and connectivity devices make chargers, servers, mainboards, power tools, and lighting systems smarter, smaller, lighter, and more energy-efficient. In addition, our trusted sensors give things an intuitive sensing capability to make them contextually aware, and our RF chips support fast and reliable data communications. [Click here](#) for more information about working at PSS with interesting employee and management insights and an overview with more #.

** 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.*

