



Principal Engineer System Definition Safety (f/m /div)*

Job description

Do you want to be part of our automotive success story by making future cars safer? Have you gained experience in the automotive environment and are not afraid of complex technical details? We are looking for you to strengthen our international team. In this role you will have the chance to shape the future of e-mobility by defining new products and strategies. In a dynamic environment you will be in touch with both internal & external stakeholders in order to realize product definitions. Come join our highly motivated team! Make sure to apply now! With this position you will be entering our „technical ladder“: our career path for experts. You will be able to focus deeply on technology – while further pursuing your career. As you continually expand your expert knowledge, puzzle over matters and solve problems, you will position yourself as a thought leader – thus helping our products improve our world a bit more each day.

In your new role you will:

- **Collect and analyse new application- and product requirements** and define new automotive power supply solutions and its safety concepts for powertrain and chassis applications
- **Act as the functional safety expert in order to define application assumptions** and top-level safety requirements
- Be the **key interface** to our customers in order to understand the **safety goals of automotive applications** and to derive functional safety diagnostics and protective measures in order to create safe automotive power supply solutions up to ASIL D
- **Support in building up a sustainable network with variable stakeholders** such as internal business lines as well as external customers and partners
- **Drive the change from product thinking to system understanding** by elaborating system solutions together with counterparts of other business lines and divisions
- **Investigate and realize product ideas** together with customers, product marketing, and R&D
- **Support in creating technical documents** like safety manuals
- **Drive innovation** to ensure the future success of our products

Profile

You are personally committed to the customer's concerns and award them a high priority. You anticipate even the future needs of customers and engage actively with the customer about these needs.

You live up to high-quality standards, strive for continuous improvement and develop and implement effective solutions. You clarify areas of responsibility, coordinate your

At a glance

Location: **Munich (Germany)**
Job ID: **339621**
Start date: **as soon as possible**
Entry level: **5+ years**
Type: **Full time**
Contract: **Permanent**

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Contact

Tobias Pfundtner
Talent Attraction Manager



work with colleagues, and regularly share your insights with them. You recognize and use different areas of expertise and skills of the team members.

You are best equipped for this task if you have:

- A **degree in electrical engineering** or a related field of study
- At least **6 years of experience in the semiconductor/automotive electronics industry** with a strong focus on Application Engineering, System Engineering or Technical Marketing
- Know-how in **requirements-driven engineering**
- Good understanding of **F unctional Safety (ISO26262)**
- **Experience in power supply architectures** and **automotive environments** (incl. CAV, truck and xEV)
- **Experienced understandin g of cars' board net architectures** and **powertrain** and chassis end-point applications
- A good understanding of **quality standards within the automotive industry**
- A Can-Do mentality to proactively drive problem-solving
- Fluent **English** language skills and **the desire to learn German**

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.

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 realize 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.

** 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.*

