



## Principal Product Definition & Application Engineer for ISOFACE Digital IO ICs (f/m/div)\*

### Job description

Are you keen on innovation and ready to define the next generation of ISOFACE Digital IO ICs? You gained some experience as an application engineer and you already feel familiar with the world of semiconductors? Then you should take the chance to join us as Principal Product Definition & Application Engineer for ISOFACE Digital IO ICs! 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:

- **Interact with key customers and system manufacturers** of programmable logic controllers (PLC) for stakeholder requirements capturing to define the next generation of ISOFACE Digital Input & Output ICs
- **Translate target technical value drivers into product requirements** (PRQs) based on deep system understanding and document them in the target datasheet
- **Review the product architecture / concept and support the feasibility study** to be performed by the R&D team
- **Define and create test boards** and conduct application specific lab testing including documentation of results
- **Support internal verification and customer validation of prototypes**, preferably in evaluation boards or customer systems
- **Work with development, marketing and key-customers in the design in phase**, provide on-site technical support for selected key customers and our sales force
- **Engage with the wide network of colleagues** spread around the globe to specify the features and feed this information into the product and application roadmaps
- **Provide technical guidance and training to the local FAEs and Sales teams**
- **Create go-to-market literature** such as application notes, technical articles, benchmarking, fighting guides, and training material

### Profile

You describe yourself as an ambitious team player with technical expertise in semiconductor development. Additionally, you take in information quickly, evaluate it from different points of view and uncover the hidden correlations in it. Customer`s concerns you are highly committed to and you award them high priority. Your

### At a glance

Location:

Job ID: **353301**

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: **353301**

[www.infineon.com/jobs](http://www.infineon.com/jobs)

### Contact

**Julie Danielsen Larsen**

Talent Attraction Manager



communication skills are excellent and enforce you building lasting relationships and networks – internally and externally

You are best equipped for those tasks if you have:

- A **Degree in Electronics / Electrical Engineering, Automation Engineering or Physics**
- At least **6 years of relevant work experience** in (Field) Application Engineering, System Engineering, Technical Marketing or Product Development within the **semiconductor industry**. Alternatively, you have gained experience with Infineon products through other functions or worked at an OEM in the area of industrial automation or power electronics systems
- Excellent customer interaction and technical support skills
- **Familiar with galvanically isolated products** such as Digital Input/ Output ICs, Digital Isolators or Gate Driver ICs; experience with communication protocols (e.g. SPI, I2C, CAN, IO-Link) would be a plus
- Knowledge about **component standards** (e.g. UL 1577, VDE 0884-11, IEC 60747-17) for isolated products and **system standards** (e.g. IEC 61131-2, IEC 62368-1, GB4943.1)
- Proven experience in **leading and structuring complex technical discussions** in cross-functional teams and at customers
- An **excellent command of English**, German would be a plus

## 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 #PSSDreamJobs.

*\* 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.*

