



## Electrical Design Engineer (f/m/div)\*

### Job description

Will your next product be launched into space? IR HiRel is a market leader in advanced high-reliability power electronics for aerospace, defense, and space applications. The Danish design center is located in Herlev where 25 highly skilled engineers and technicians design high-reliability power supplies for the space industry. Do you want to take the next step in your career and become part of our team of experts? Then, it's time to join us as an Electrical Design Engineer!

As an Electrical Design Engineer, your primary responsibility is to design and develop complex DC/DC switch-mode power supplies for high-reliability applications. You will be working with both proprietary designs, traditional converter topologies as well as analog circuit designs. You will also be involved in application engineering and evaluation of new parts and products developed by other design centers within IR HiRel.

In your new role you will:

- Be responsible for the **electrical design** and ensure **careful review of PCB layout, thermal and mechanical design**;
- **Debug and test prototypes** and ensure the integrity of production testing;
- **Perform technical analysis** (Worst-Case Analysis, Part Stress Analysis, Failure Mode Effect Analysis, and Reliability Analysis);
- **Write documentation for the design** for customers and internal departments;
- **Work with other design centers** to develop, test, and mature new products and concepts;
- Participate in **cross-organizational improvement projects**;
- Participate in **customer meetings and reviews**.

### Profile

You consider yourself an organized, proactive, and goal-oriented person. You are also a good communicator who is able to grow and maintain sustainable relationships with others. Furthermore, you are used to making trade-offs and making design decisions in order to meet deadlines. Lastly, you are able to manage risks and you function well in an environment where multitasking is a must.

You are probably best equipped for this role if you have:

- A **degree in Electronics** or a similar field of studies;
- **At least 3 years of experience** with custom-designed switch-mode power applications, analog circuits, and control loop theory;

### At a glance

Location:

Job ID: **347665**

Start date: **as soon as possible**

Entry level: **3-5 years**

Type: **Full time**

Contract: **Permanent**

Apply to this position online by following the URL and entering the Job ID in our job search:

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### Contact

**Ana Rita Costa**

Talent Attraction Manager



- **Strong circuit analysis skills;**
- Prior experience with **high-reliability electronics is a plus;**
- **Fluency in English** (mandatory).

## We offer

A unique opportunity to join a highly skilled design team developing world-leading power solutions for the space exploration and satellite industry. In this role, you will be able to expand your skillset and become the in-house expert on manufacturing and design-related topics. We have an informal working environment with flexible hours, a wide range of employee benefits, and the option to partially work from home.

## 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.*

