



## Mechanical Designer for Manufacturing (f/m/div)\*

### Job description

Will your next product be launched into space? Do you have experience with mechanical design and manufacturing of electronics and are you eager to be part of the international space industry and learn about high reliability electronics? Then, we have the right challenge for you at IR HiRel – An Infineon Technologies Company in Herlev! Apply now to join our Design Engineering team.

As a Mechanical Designer, you will be responsible for the design of mechanical parts used for Printed Circuit Boards (PCBs) based electronics as well as the overall manufacturability of the complete product. You will therefore work closely with both our electrical design team and manufacturing team.

The role will be tailored to your competencies and ambitions and will ideally include:

- **Design** and verification of **mechanical parts, chassis, fixtures and tools**.
- **Mechanical FEM modelling** of complete product for **shock and vibration** analysis.
- **Thermal FEM modelling** of complete product for performance validation.
- **Interface with suppliers of mechanical fixtures and hardware** to ensure manufacturability.
- **Ensure manufacturing guidelines are followed** in cooperation with the Electrical Design Engineering team.
- Participate in customer meetings to **find the right solution in cooperation with our customers**.
- Guarantee completion and **review of manufacturing and assembly documentation**.
- **Support Product Engineering and Operations** at our manufacturing sites in the United States.
- Ensure **manufacturing guidelines** are followed in cooperation with the Electrical Engineering team.

### Let us know what you are passionate about

and in what direction you would like to take your career – we will do our best to accommodate the right candidate.

### Profile

You are motivated and self-driven as a person with an eye for good quality and risk mitigation. You have a structured working style, are used to making design decisions and function well in a team oriented, in-formal organization. You are creative and have both analytical and hands-on skills.

### At a glance

Location: **Herlev (Denmark)**  
Job ID: **346667**  
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: **346667**  
[www.infineon.com/jobs](http://www.infineon.com/jobs)

### Contact

**Cláudia Rodrigues**  
Talent Attraction Manager



You are best equipped for this role if you have:

- A **background as Mechanical Designer** or experience in **Design for Manufacturing**.
- 2-5 years of experience in **mechanical design** and **thermal analysis**.
- Experience with **software tools** such as **AutoCAD, SolidWorks, Ansys**.
- Experience with **design and assembly** of final product.
- Some experience with **PCB based electronics**.
- Willing to **expand your skillset** and gain new knowledge.
- **Fluency in Danish and English**.

#### 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.

## Benefits

- **Herlev:** Coaching, mentoring networking possibilities; International assignments; Different career paths: Project Management, Technical Ladder, Management & Individual Contributor; Office hours are between 9am and 3pm, rest of the time you should be reachable.; Part-time work possible (also during parental leave); Medical coverage; Health promotion programs; Wage payment in case of sick leave (according to applicable law); Corporate pension benefits; Flexible transition into retirement ; Performance bonus

## 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.

**– At IR HiRel we work with high reliability power conversion and RF solutions for extreme environments –**

We are responsible for R&D excellence, leading the way with power electronics capable of withstanding severe thermal, mechanical and radiation conditions with expected lifespans measured in decades.

In addition to our unique portfolio, we are located in Herlev where you will be 20 minutes away from Copenhagen, the happiest capital city in the world.



*\* 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.*

