

Driving decarbonization and digitalization. Together.



Senior Product Development Engineer (f/m/div)

Job description

Are you ready to shape the future of power semiconductor technology? Do you have a passion for innovative design and development? As a Senior Product Development Engineer, you'll play a central role in driving our products from concept to high-volume production. Join our dynamic team and take your career to the next level!

We're seeking an experienced Senior Product Development Engineer to join our interdisciplinary development team, responsible for designing and developing innovative power semiconductor modules.

In your new role you will:

- Independently **develop the mechanical details and functions** of new and existing packages and product families
- Drive projects from **concept development to the introduction of high-volume production** in our Warstein and Cegled facilities
- Ensure that developments are based on the **latest research and technologies**, integrated into designs and systems in a cost-optimized manner
- Define constructive designs for new products, considering new materials in the entire chain from the supplier to the product-related manufacturing concept (" **design-for-manufacturability**" / " **design-to-cost**")
- **Evaluate and verify** new and existing solutions using suitable methods such as simulations and experimental investigations, as well as interpreting the results obtained
- **Coordinate cross-departmental interests** (e.g., electrical development, purchasing, production, quality assurance) during the concept creation phase
- **Present** newly developed mechanical product features at internal specialist conferences **worldwide** and outside the company, e.g., at congresses or conferences

Profile

You are a highly motivated and enthusiastic engineer who is passionate about technology and enjoys analyzing complex technical relationships. You are a continuous learner, striving for high quality and excellence in your work. Your proactive mindset, abstract thinking, and analytical skills will enable you to contribute innovative ideas and solutions

You are best equipped for this task if you have:

- **University degree** (Diploma/Bachelor/Master/PhD) in mechanical engineering, mechatronics, automation technology, or a related field of study

At a glance

Location:	Budapest (Hungary), Warstein (Germany)
Job ID:	HRC0910667
Start date:	Nov 01, 2024
Entry level:	5+ years
Type:	Full time
Contract:	Permanent

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Job ID: **HRC0910667**

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Contact

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- At least **3 years of professional experience** in the field of product development for power semiconductor modules or electrical components for road and rail transport, LED technology, or in the field of renewable energies.
- **Experience in the independent design and development** of metal and plastic composite components, as well as ceramics and thermal management where applicable
- You show a high **willingness to travel**.
- Professional experience with a **3D CAD system** (e.g., Autodesk Inventor and the Vault database) and **tolerance analysis** and metrological software in the work environment is an advantage
- Ideally **experience in the design of electrical circuits** and their realization as PCBs with industry-related tools (e.g. Eagle, Altium)
- Fluency in **English** and **Hungarian**, German language skills are a plus.

Please send your CV in English.

Benefits

- **Budapest:** Wide range of training offers & planning of career development; International assignments; Different career paths: Project Management, Technical Ladder, Management & Individual Contributor; Holiday child care; On-site canteen; Corporate pension benefits; Performance bonus; Reduced price for public transport; Possibility to work remotely from abroad (EU)
- **Warstein:** 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; Holiday child care; On-site social counselling and works doctor; Health promotion programs; On-site canteen; Private insurance offers; Wage payment in case of sick leave; Corporate pension benefits; Flexible transition into retirement ; Performance bonus; Accessibility, access for wheelchairs; Possibility to work remotely from abroad (EU)

Why Us

#WeAreIn for driving decarbonization and digitalization.

As a global leader in semiconductor solutions in power systems and IoT, Infineon enables game-changing solutions for green and efficient energy, clean and safe mobility, as well as smart and secure IoT. Together, we drive innovation and customer success, while caring for our people and empowering them to reach ambitious goals. Be a part of making life easier, safer and greener.

Are you in?

Green Industrial Power (GIP) empowers a world of unlimited green energy –

The GIP division delivers leading semiconductor solutions for the smart, green, and efficient conversion of electrical energy, covering all steps in the energy chain from generation through transmission to storage and consumption. Its broad range of applications spans renewable energies, electric vehicle charging, industrial power supplies, trains, electric commercial vehicles, and home appliances.

The GIP product portfolio encompasses IGBT power transistors and the driver ICs that control them, flanked by an expanding lineup of solutions based on SiC. Its growing analytics, service, and software offering complements this wide spectrum – reaching beyond products to create additional value for customers. Infineon is the global number one in power semiconductors and – with the broadest portfolio of SiC solutions for industrial applications – GIP is leading the transition to wide-bandgap technologies. GIP solutions handle energy more intelligently and efficiently – driving decarbonization for a better tomorrow.

[Click here](#) for more information about working at GIP with interesting employee and management insights and an overview with more #GIPDreamJobs.



We are on a journey to create the best Infineon for everyone.

This means we embrace diversity and inclusion and welcome everyone for who they are. At Infineon, we offer a working environment characterized by trust, openness, respect and tolerance and are committed to give all applicants and employees equal opportunities. We base our recruiting decisions on the applicant´s experience and skills.

We look forward to receiving your resume, even if you do not entirely meet all the requirements of the job posting.

Please let your recruiter know if they need to pay special attention to something in order to enable your participation in the interview process.

[Click here](#) for more information about Diversity & Inclusion at Infineon.

