



Electrical Engineer / Physicist Electrical Development Power Semiconductors (f/m/div)

Job description

You want to have a real impact on fighting climate change? Do you want to be part of the world's leading company providing semiconductor solutions for renewable energies, zero-emission transportation and energy-saving applications? Infineon products combine cutting-edge technology developments with real-world products that have a big impact. As a Development Engineer* you will be responsible for ensuring that our products achieve the best electrical performance and efficiency. You will work in interdisciplinary teams covering the entire spectrum from materials science, electrical and mechanical design to semiconductor physics. Become part of our team and make the world simpler, safer and more environmentally friendly. We look forward to receiving your application!

In your new position as Development Engineer (f/m/div)* in Electrical Research and Development in the [Industrial Power Control Division](#), your new tasks will include:

- The **development of power semiconductor modules** and semiconductor **technologies** in cross-site interdisciplinary teams
- Planning and carrying out the **electrical and thermal characterization** of the semiconductor devices and modules
- Evaluation and analysis of **data**, as well as presentation of the **results** as a basis for decision-making on technical topics
- Triggering and tracking the **creation, commissioning** and **testing of prototypes** up to the start of series production
- Creation, review and approval of **data sheets** and **test specifications**
- Administration and improvement of the **data sheet software**, including **database management**
- Preparation of **technical reports**
- Support in **change management**

Profile

As a Development Engineer* in electrical development, you are responsible for ensuring that our products achieve the best electrical performance and efficiency. You will work in interdisciplinary teams covering the entire spectrum from materials science, electrical and mechanical design to semiconductor physics.

You successfully meet the requirements if you:

At a glance

Location: **Budapest (Hungary)**
Job ID: **HRC0160791**
Start date: **as soon as possible**
Entry level: **0-1 year**
Type: **Full time**
Contract: **Permanent**

Apply to this position online by following the URL and entering the Job ID in our job search. Alternatively, you can also scan the QR code with your smartphone:

Job ID: **HRC0160791**
www.infineon.com/jobs



Contact

Inês Santos
Talent Attraction Manager



- Have successfully completed a university degree in **physics** or **electrical engineering**
- Have a sound knowledge of **power electronics / semiconductor components** IGBT, **MOSFET** and **diodes**
- In addition, have sound experience in the field of **electrical and thermal measurement technology**, as well as **statistical test planning**
- Are familiar with **software for scientific data evaluation**
- Have a strong focus on **organization**, with a **self-driven mindset**, while **teaming up** for the best results
- Be able to communicate confidently in **English**
- Preferably have **Hungarian business level** knowledge. German language skills would be an advantage, however not a must
- Have **occasional** (annual / semiannually) **availability to travel** within Europe, to participate in cross functional projects / trainings

Please send your CV in English.

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.

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

Power semiconductors play a crucial role in increasing efficiency and reducing energy losses along the whole energy conversion chain.

As the global leader in power semiconductors, Infineon GIP delivers pioneering products, solutions and services for smart and efficient energy generation, transmission, storage, and use. We strive to make this planet a greener place where sufficient energy is accessible to everyone – wherever and whenever it is needed.

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

** 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.*

