



Senior Engineer Chip and PCM Layout (f/m/div)*

Job description

Do you want to contribute to a sustainable future by generating leading edge innovations, working in an expanding world-class technology development team with global footprint? Then this role in our development team within Infineon Power & Sensor Systems (PSS) is the right opportunity for you! We are looking for a highly motivated person as an expert for layout of test structures and chip designs for the newest generations of Power MOSFETs in our interdisciplinary and growing team.

In your new job you will:

- **Be responsible for the layout of productive chip structures** in various Power MOSFET technologies based on defined inputs from the development team
- **Be responsible for the layout of complex test structures**, process control & monitoring (PCM) structures and other scribe line structures
- **Set-up design environment for new technologies** and program complex Pcells for automated designs
- **Contribute to design rule definition** jointly with the development teams, implement design rule checks and do layout verification
- **Drive floor planning** and **tape out of mask sets**
- **Collaborate closely with development engineers** and project managers locally and at remote sites

Profile

You describe yourself as a pro-active and self-motivated team player with high intrinsic motivation, driving tasks with enthusiasm and passion. You are strong in both oral and written communication and in establishing networks. You are keen to develop your technical and social skills in the No. 1 company for power semiconductors.

You are best equipped for this task if you have:

- **A degree in Electrical Engineering, Physics or similar discipline** or a background as technician with relevant work experience
- **Previous work experience with CAD tools for layout and verification** like Cadence Ideally hands-on experience in Pcell programming and/or layout for discrete power technologies
- **Willingness to learn and improve your skills** in an expert environment, to share your knowledge and to train less experienced layouters
- **Are able to handle and manage shifting priorities** in a dynamic environment
- **Solid skills in programming** and **scripting language**

At a glance

Location: **Villach (Austria)**
Job ID: **362334**
Start date: **Oct 01, 2022**
Entry level: **1-3 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: **362334**
www.infineon.com/jobs

Contact

Melanie Happerger, MSc
Talent Attraction Manager



- **Good German and English** communication skills

We offer competitive salaries and additional benefits based on your performance, experience and qualification. The employment is in accordance with the collective salary and wage agreement for employees of the electrical and electronics industry, employment group G (<https://www.feei.at/wp-content/uploads/2022/05/minimum-salaries-white-collar-workers-2022.pdf>). The monthly salary is paid 14 times p.a. We offer a higher compensation depending on your expertise and skills.

Benefits

- **Villach:** 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; Child care in Villach & Klagenfurt; 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

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.

– Power & Sensor Systems (PSS) drives leading-edge power management, sensing and data transfer capabilities –

Infineon **PSS** semiconductors play a vital role in enabling intelligent power management, smart sensitivity as well as fast and reliable data processing in an increasingly digitalized world. Our leading-edge power devices make chargers, adapters, power tools and lighting systems smarter, smaller, lighter and more energy-efficient. Our trusted sensors increase the context sensitivity of “things” and systems such as HMI, and our RF chips power fast and reliable data communication. [Click here](#) for more information about working at PSS with interesting employee and management insights and an overview with more #PSSDreamJobs.

At **Infineon in Villach** you shape the technologies of tomorrow and work in an international environment with more than 3900 colleagues from over 70 nations. Your personal contribution will be valued and appreciated as the cornerstones of our success. And all that in beautiful surroundings which guarantee a high quality of life.

The **City of Villach** is located in the center of Carinthia, Austria's southernmost province, in close proximity to the Italian and Slovenian border. Living in Austria has many social, health-care-related and economic perks. The country's social and health care system is among the best in the world and for decades numerous international surveys have singled out Austria as a particularly safe and wealthy country with a high quality of life. Villach itself benefits from its status as a “small town”, offering everyday living at affordable prices in an outstanding setting.

Find out what you like most about Villach and join us:

<https://www.welcome2villach.at/>

** 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.*

