



Lead Principal Engineer WBG - Inverter Solution (f/m /div)*

Job description

You love technology, a dynamic environment and want to be part of state-of-the-art developments? You like to cooperate across boundaries and are eager to contribute with your hardware, software and simulation skills? In your role as Lead Principal Engineer WBG - Inverter Solution, you will be responsible for beyond state of the art system solution in the field of Inverter e.g.: SMPS, Drive, etc. using the newest Infineon components to reach highest customer targets. Sounds like the right challenge? Take the chance and apply now!

In your new job you will:

- Convert your **scientific knowledge into hardware solution**
- **Lead development phases** from the first idea until the release of the solution
- **Work on and with the newest Infineon product technologies**, including **wide band-gap power semiconductors**, for making existing systems more capable or create new solutions for future needs
- **Develop hardware and software solutions** from the calculation, simulation phase until hardware & software design plus debugging on real application
- **Interact with international hardware and software specialists** and bring your knowledge and skillset into new designs
- **Communicate your findings** in various expert rounds on different levels
- **Populate technical IP's**
- **Prepare technical documentation** for internal and external peers

Profile

You are best equipped for this task if you have:

- **A university / university of applied sciences degree** in **electrical engineering, power electronics**, computer science or similar
- **10+ years of experience** in the design, development and/or test of power supplies and WBG products
- **Experience with Simulation, Programming, Micro Controller**, AutoCAD, PCB and software design
- **The ability to learn quickly** and the **motivation to work independently**
- **Experience in technical customer support** and intercultural communication
- **Excellent English**, as well as **good communication and presentation skills**

At a glance

Location: **Villach (Austria)**
Job ID: **347232**
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: **347232**
www.infineon.com/jobs

Contact

Melanie Happerger, MSc
Talent Attraction Manager



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 J (<https://www.feei.at/wp-content/uploads/2021/04/minimum-salaries-white-collar-workers-2021.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.*

