



## Lead Principal Automotive GaN Inverter (f/m/div)\*

### Job description

As the technology leader for power semiconductors, we are largely expanding our activities in the field of Gallium Nitride (GaN) power devices. In order to enable the planned growth, we are looking for the best talents and professionals with relevant education and experience. GaN power semiconductors have the potential to push further the efficiency of electric vehicles and an acceleration of their development will enable Infineon to stay in the pole position of this rapidly growing market. If you are eager to contribute to a sustainable future by generating leading edge innovation, this is your chance! Join our Automotive (ATV) division and apply now for your #ATVDreamJob! With this position you will be entering our „technical ladder”: our career path for experts. You will be able to focus deeply on technology – while further pursuing your career. As you continually expand your expert knowledge, puzzle over matters and solve problems, you will position yourself as a thought leader – thus helping our products improve our world a bit more each day.

In your new role, you will:

- **Lead technical direction** of our High Voltage GaN program for main inverters
- Derive **product requirements** and drive **roadmaps**
- Develop and run **reference designs** and **relative test setups** to **evaluate and showcase the performances of GaN in automotive main inverters**
- Be the **go-to-person for worldwide customers** as well as **Field Application Engineers** regarding **HV GaN for main inverters**
- Provide **technical support** from product to system level
- Conduct **feasibility, benchmarking and development studies**
- Conduct **trainings and workshops** for Field Application Engineers or customers
- Pro-actively **share your knowledge** as well as gather and consolidate **feedback from regional Field Application Engineers**
- Generate **product related collaterals** like application notes, whitepapers and training material **to support the technical promotion** of our **HV GaN products**

This position is suitable for full- and part-time.

### Profile

You anticipate even the future needs of customers and actively engage with customers about these needs. You know the factors for successful innovation, promote the necessary conditions and give direction in your area of expertise. You remain solution-oriented, open and flexible, even when you are under pressure.

You are best equipped for those tasks if you have:

### At a glance

Location: **Munich (Germany)**  
Job ID: **331071**  
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: **331071**  
[www.infineon.com/jobs](https://www.infineon.com/jobs)

### Contact

**Alexander Greie**  
Team Lead Talent Attraction



- A degree in **Electrical Engineering or similar**
- **At least 8 years of technical professional work experience** in power electronics
- Previous solid **experience with GaN/WBG technologies**
- Experience as a **technical lead and know how to advise others**, consolidate deliverables and drive solutions
- Knowledge and technical experience in **electrical and inverter related designs**
- Proven **lab experience developing and testing demo-boards**; knowledge of **PCB design and Layout aspects**
- Proven **debugging and problem-solving skills**
- Experience with **automotive test certifications and EMC design considerations for automotive applications** would be helpful
- Willingness to **travel occasionally**
- **Excellent English** communication and presentation skills

## Benefits

- **Munich:** 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; On-site creche and kindergarden with 120 spots, open until 6pm; Holiday child care; On-site social counselling and works doctor; Health promotion programs; On-site gym, jogging paths, beachvolleyball, tennis & soccer court; On-site canteen; Private insurance offers; Wage payment in case of sick leave; Corporate pension benefits; Flexible transition into retirement ; Performance bonus; Reduced price for public transport and very own S-Bahn station; 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.

– **Automotive (ATV) shapes the future of mobility with micro-electronics enabling clean, safe and smart cars** –

Semiconductors are essential to realize key trends like eMobility, automated driving and secure, connected cars. Infineon **ATV** is the #1 semiconductor partner in the fast-changing automotive world, based on our system knowledge coupled with our passion for innovation and quality. We are a key driver in the ever-advancing pace of digitalization in the automotive industry.

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

### **Automotive High Power: We Drive the Electrification of Cars**

Our vision of the future is CO<sub>2</sub>-neutral and autonomous mobility, and that means electric cars. Infineon's role: our switches control the current from the battery to the consumers, whether a traction motor, a power steering system or an in-car USB charger. In fact, our products have a direct impact on the range, size, reliability and affordability of tomorrow's vehicles. Engineers at the Business Line Automotive High Power, which is part of the ATV division, draw on their deep customer understanding and system knowledge to create a winning portfolio. This approach has made the Business Line the market leader. Our people have the ambition to shape the future with innovation. We are a highly diverse and ambitious team striving to power society's



move toward fully electric, CO<sub>2</sub>-neutral, autonomous mobility.

**#PowerForElectromobility**

*\* 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.*

