



## Principal Engineer Motor Control Solutions

### Job description

Expert in Motor Control solutions to serve in our ATV creation center in Shenzhen.

#### In your new role you will:

You are enthusiastic and proactively dedicated to your new task because you will have an advanced expert role with global impact within Infineon Greater China ATV organization such as:

- Be responsible for technical expertise and competence growth within our motor control innovation center
- Provide technical solutions and in-depth support directly to customers, with focus on embedded power IC and automotive motor control applications
- Drive joint lab projects having clear plan and execution of work packages as well as priority setting
- Act as bridge between marketing, sales, distributors, development organization and customers, to support strategy setting of the motor control innovation center
- Take ownership and strive for innovation in the field of motor control software and algorithm to deploy our product to system strategy
- Foster cross-location know-how exchange and contribute to Infineon's global knowledge base including internal and external teaching

### Profile

#### You are best equipped for this task if you have:

You are a self-motivated person who strives for performance, quality, know-how increase, and continuous improvement. Your dedication to customer needs ensure a strong and short feedback loop on requirements. Thereby you are able to balance interests of various stakeholders and use the creative potential they offer.

You are best equipped for this role if you have:

- A Master's degree in Electrical Engineering or an equivalent field, preferably with a focus on motor control solutions, PhD is a plus
- At least 8 years of hands-on experience on embedded system, application development with focus on software and algorithm; Knowledge in working with high tech lab instrumentation
- Solid understanding in automotive system e.g. E/E architecture, thermal management, cabin systems
- Preferably, experience on power semiconductor, IC concept and development
- Excellent analytical skills and ability to solve highly complex problems
- Technical leadership skills for training, mentoring and providing education to others in your area of expertise
- An excellent command of English and Chinese language skills, good in customer communication

### At a glance

Location: **Shenzhen, (China)**  
Job ID: **335079**  
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: **335079**  
[www.infineon.com/jobs](http://www.infineon.com/jobs)



## Benefits

- **Shenzhen,** : 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; Medical coverage; On-site social counselling and works doctor, in Wuxi only.; Provision of health tips, health knowledge sharing, annual medical check; Employees in Shanghai are entitled to use a gym located close to the office for free; On-site canteen, in Wuxi only.; Private insurance offers in some sites.; Wage payment in case of sick leave; Corporate pension benefits in some sites.

## 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.

For more information about working at ATV with interesting employee and management insights and an overview with more #ATVDreamJobs, please visit our website.

