



## Senior Staff Engineer Application Engineering

### Job description

Bachelor/Master in Electrical/Electronics/Power Electronic from reputed Institutes; 5+ years of experience in the field of designing Power Electronics

#### In your new role you will:

- The field application engineer of IPC is responsible to support customers in the areas of Infineon IPC Power Devices (SiC, Discrete IGBT/IGBT modules/IPM/ Driver IC etc) in industrial applications including Industrial power supplies, Motor Drives, EV chargers, Solar & Wind, etc
- Promote Infineon IPC device (SiC, Discrete IGBT/IGBT modules/ Driver IC etc) in customer's projects, get design in and design win.
- Resolve technical problems in customer designs and platforms and build up good reputation of Infineon.
- Co-work with Sales and Marketing to identify customers demand and promote Infineon solutions

### Profile

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

- Bachelor/Master in Electrical/Electronics/Power Electronic from reputed Institutes  
5+ years of experience in the field of designing Power Electronics
- Good knowledge of devices - IGBTs and MOSFETs in Power Electronics related applications
- Deep technical know-how and hands-on experience on discrete IGBT / IGBT modules, for example: Loss calculation, thermal evaluation, Switching behavior, SOA
- Good understanding and development experience about Driver IC or Driver circuit.
- Good understanding of different topologies like, half bridge, full bridge, 3-level.
- System understanding of industrial power supplies/Solar/Wind related application.
- Basic knowledge of using analog and digital circuits are required.
- Basic marketing or business understanding.

### Benefits

#### At a glance

Location: **Shanghai, (China)**  
Job ID: **337724**  
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: **337724**  
[www.infineon.com/jobs](http://www.infineon.com/jobs)



- **Shanghai**, : 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.

