



## Senior Staff Engineer Home appliances

### Job description

Senior Staff Engineer Home appliances

#### In your new role you will:

- Promote Infineon IPC device (Discrete IGBT/IGBT modules/IPM/ 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 Home appliances, CAC, Motor Drive, power supplies, UPS systems, Solar Inverters, wind converters, etc.
- Deep technical know-how and hands-on experience on discrete IGBT / IGBT modules / IPM design, 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 Home appliance or Motor drive related application.
- Basic knowledge of using analog and digital circuits are required.
- Basic marketing or business understanding.
- Be passionate about solving technical problem.
- Focus on customer.
- Team Up for best result.
- Willing to share knowledge.
- Good communication to interactive with other function like Marcom.

### Benefits

#### At a glance

Location: **Shenzhen, (China)**  
Job ID: **350620**  
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: **350620**  
[www.infineon.com/jobs](http://www.infineon.com/jobs)



- **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.**

Infineon is a world leader in semiconductor solutions that make life easier, safer, and greener. Our solutions for efficient energy management, smart mobility, and secure, seamless communications link the real and the digital world.

The field application engineer of IPC is responsible to support customers in the areas of Infineon IPC Devices (Discrete IGBT/IGBT modules/IPM/ Driver IC etc ) in various applications especially related to – HOME APPLIANCE, INDUSTRIAL, POWER SUPPLIES, . etc.

